

**Pinellas County, Florida, Site
Environmental Restoration Project**

**Sitewide Environmental Monitoring
Semiannual Progress Report for the
Young - Rainey STAR Center**

June Through November 2015

December 2015



U.S. DEPARTMENT OF
ENERGY

Legacy
Management

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Abbreviations

cDCE	<i>cis</i> -1,2-dichloroethene
COPC	contaminant of potential concern
CTL	cleanup target level
1,1-DCE	1,1-dichloroethene
DOE	U.S. Department of Energy
DRC	Declaration of Restrictive Covenant
EPA	U.S. Environmental Protection Agency
FDEP	Florida Department of Environmental Protection
HSWA	Hazardous and Solid Waste Amendments
IC	institutional control
µg/L	micrograms per liter
RBCA	Risk-Based Corrective Action
RCRA	Resource Conservation and Recovery Act
RPD	relative percent difference
STAR Center	Young - Rainey Science, Technology, and Research Center
SWMU	solid-waste management unit
TCE	trichloroethene
TCOPC	total contaminants of potential concern
tDCE	<i>trans</i> -1,2-dichloroethene
VC	vinyl chloride
WWNA	Wastewater Neutralization Area/Building 200 Area

1.0 Introduction

The Young - Rainey STAR Center (Science, Technology, and Research Center) at the Pinellas County, Florida, Site is a former U.S. Department of Energy (DOE) facility constructed in the mid-1950s. The 99-acre STAR Center is located in Largo, Florida, and lies in the northeast quarter of Section 13, Township 30 South, Range 15 East (Figure 1). While it was owned by DOE, the facility primarily manufactured neutron generators for nuclear weapons. Other products manufactured at the STAR Center were radioisotope-powered thermoelectric generators, thermal batteries, specialty capacitors, crystal resonators, neutron detectors, lightning-arrestor connectors, and vacuum-switch tubes. In 1987, the U.S. Environmental Protection Agency (EPA) performed a Resource Conservation and Recovery Act (RCRA) Facility Assessment (EPA 1988) at the site to gather information on potential releases of hazardous materials. In February of 1990, EPA issued a Hazardous and Solid Waste Amendments (HSWA) permit to DOE, requiring DOE to investigate and perform remediation activities in those areas designated as solid-waste management units (SWMUs) contaminated by hazardous materials resulting from DOE operations.

On March 17, 1995, DOE sold the facility to the Pinellas County Industrial Council. The sales contract included clauses to ensure continued compliance with federal, state, and local regulations while DOE remediates the site. On July 1, 1999, the Pinellas County Industrial Council was disestablished, and ownership of the STAR Center changed to the Pinellas County Industrial Development Authority. In November 2000, the State of Florida received HSWA authorization from EPA. The Florida Department of Environmental Protection (FDEP) issued a new HSWA permit to DOE in January 2002. The permit was reissued on August 21, 2007, and was modified under the provisions of *Florida Statutes* Section 403.722 and *Florida Administrative Code* Sections 62-4, 62-160, 62-730, 62-777, and 62-780 to incorporate the Global Risk-Based Corrective Action (RBCA) regulations. The permit was revised and reissued again on January 9, 2012.

The EPA RCRA Facility Assessment Report and the HSWA permit identified 15 sites at the former DOE facility that might have had environmental contamination as a result of past activities. Upon completion of the RCRA Facility Investigation (DOE 1991), 11 of the 15 SWMUs were recommended by DOE and approved by EPA Region 4 and FDEP for no further action (DOE 1994). A 12th site, the Former Pistol Range Site, was remediated in 1993; it was recommended by DOE and approved by EPA Region 4 and FDEP for no further action.

Two additional SWMUs, the West Fenceline Site and the Wastewater Neutralization Area/Building 200 Area (WWNA), were identified after the HSWA permit was issued, bringing the total to 17 SWMUs that have been identified and investigated at the STAR Center. Remediation of the West Fenceline Site was completed in 1997, and DOE recommended—and EPA Region 4 and FDEP approved—no further action, for a total of 13 SWMUs remediated. A Corrective Measures Study/Corrective Measures Implementation Plan was prepared and submitted in 1997 to EPA Region 4 and FDEP to address the contamination at the WWNA.

Therefore, four active SWMUs currently remain at the STAR Center. These four SWMUs are the Old Drum Storage Site (PIN06), the Industrial Drain Leaks/Building 100 Area (PIN12), the Northeast Site (PIN15), and the WWNA (PIN18). Two of the SWMUs, PIN06 and PIN12, are collectively known as the Building 100 Area. Figure 2 depicts the location of the four SWMUs.

DOE plans to proceed with closure of the WWNA under RBCA Risk Management Option II and to apply the default poor quality arsenic cleanup target level (CTL) of 100 micrograms per liter ($\mu\text{g/L}$) to onsite groundwater. Closure monitoring was completed in October 2006. FDEP approved a No Further Action with Controls proposal for the site in May 2007. Acceptance of this closure proposal by FDEP indicates that both soil and groundwater cleanup are complete. Closure of the site can now be finalized, as institutional controls (ICs) were formally implemented with the recording of the Declaration of Restrictive Covenant on September 18, 2015.

DOE is working with the STAR Center landowner (Pinellas County Economic Development Authority) to establish ICs (Declarations of Restrictive Covenant [DRCs] between FDEP and the landowners) at the STAR Center and the adjacent properties affected by the Building 100 Area groundwater plume. Specifically, DOE is coordinating with the STAR Center, other affected property owners, and FDEP to develop a DRC for all affected properties. DRCs for the Northeast Site, WWNA, and Building 100 Area were finalized in September 2015. Three of the offsite property owners, Pinellas County Schools, Bank of Tampa, and BCH-1, have executed a DRC for their properties. DOE is coordinating with Pinellas County to develop a layered IC for the two impacted road rights of way, consisting of a County ordinance accompanied by a Site Rehabilitation Agreement. DOE is also negotiating with the remaining offsite property owner to develop a DRC for their property. The proposed ICs will serve to minimize the possibility of human and environmental exposure to contaminated media. These ICs will then become part of DOE's Long-Term Surveillance and Maintenance Plan at this site.

Additional background information relative to each SWMU is briefly described below. This document serves as the semiannual progress report for each SWMU by providing the results of recent monitoring activities and a summary of ongoing and projected work.

1.1 Building 100 Area

The Building 100 Area is made up of two SWMUs: the Industrial Drain Leaks/Building 100 (PIN12) and the Old Drum Storage Site (PIN06). The Old Drum Storage Site lies beneath and adjacent to the northwest corner of the main building that covers approximately 11 acres, located near the southeast corner of the STAR Center (Figure 2). Building 100 is the most notable feature of the STAR Center, having housed the majority of the laboratory and production facilities during DOE ownership of the facility. One source of contamination at the Building 100 Area is leaks from a liquid-waste drain system composed of individual drainage systems previously used for health physics, chemical, sanitary, and storm-water systems. The drain systems were flushed, grouted, and abandoned by 1997, and some of the chemical drain systems were replaced by an aboveground system (DOE 1997).

The Old Drum Storage Site is the former location of a concrete storage pad. This area was equipped with a drain and containment system and was once used to store hazardous waste. The waste stored at this location included methylene chloride, ignitable liquids, arsenic, and calcium chromate solids. Empty drums containing residual waste solvents were also stored in this area.

Several campaigns for the characterization and remediation of contaminants of potential concern (COPCs) in groundwater beneath and adjacent to the building commenced in the mid-1990s and

ceased in 2012. Prior to the start of the Pinellas County water line and road projects on Belcher and Bryan Dairy Roads in 2011, DOE installed new monitoring wells at the property boundary along the two roads in October 2007 and in January and February 2008 to further define the contaminant plume. This investigation confirmed that the plume was offsite south of Bryan Dairy Road, on the county right-of-way. DOE performed the required notification to FDEP regarding the offsite plume. Additional plume delineation was then conducted on the properties south of Bryan Dairy Road and also on the property east of the STAR Center across Belcher Road.

The *Building 100 Area Site Assessment Report* (DOE 2012) summarized the results of the plume delineation work conducted at the Building 100 Area and the adjacent properties from 2007 to 2012. The action proposed in that document was to conduct plume stability monitoring of both the onsite and offsite plumes. The Plume Stability Monitoring Plan for the Building 100 Area is included in the Site Monitoring Plan, which is an appendix to the *Long-Term Surveillance and Maintenance Plan for the Pinellas Site* (DOE 2015).

Plume stability monitoring began with the March 2013 sampling event. After the fourth plume stability monitoring event in September 2014, DOE determined that contaminant concentrations in the south plume were increasing and that remediation to treat both the south and east plumes should be implemented. The *Interim Corrective Measure Work Plan for Source and Plume Treatment at the Building 100 Area* (DOE 2014) was submitted to FDEP on October 2, 2014. The objective of this work was to inject emulsified soybean oil and the microorganism *Dehalococcoides mccartyi* (formerly known as *Dehalococcoides ethenogenes*) to enhance contaminant biodegradation in (1) the dissolved-phase contaminant plumes downgradient from the building on the STAR Center property, (2) the dissolved-phase contaminant plumes located on the offsite properties, and (3) the contaminant source areas and the high-concentration dissolved-phase contaminant plumes beneath the building.

The injection of emulsified soybean oil and *Dehalococcoides mccartyi* in the dissolved-phase plumes on the STAR Center property was conducted in October and November 2014. Injection of these same amendments was conducted on three offsite properties in February 2015. The onsite and offsite injection locations are shown in Figure 3.

The last phase of this project, amendment injection beneath the building, was implemented in summer and fall 2015. Eight horizontal wells were installed beneath the building in July, August, and September 2015. Amendment injection using the horizontal wells was conducted in November 2015. The injection areas beneath the building are shown in Figure 3.

With the implementation of enhanced bioremediation at the Building 100 Area, plume stability monitoring was suspended and replaced with performance monitoring of the remediation project. The March 2015 sampling event was the first performance monitoring sampling event.

1.2 Northeast Site

The Northeast Site is located in the northeast corner of the STAR Center (Figure 2). In the late 1960s, before construction of the East Pond in 1968, drums of waste and construction debris were disposed of in the swampy area of the Northeast Site. In 1986, an expansion of the East

Pond was initiated to create additional storm-water retention capacity, but excavation activities ceased when contamination was detected directly west of the pond.

A series of characterization and remedial actions was completed, including groundwater recovery and treatment, debris and soil source material excavation in 1995, anaerobic bioremediation and rotary steam-stripping pilot testing in 1997, two nonaqueous-phase liquid removal projects utilizing a thermal remediation method from 2002 to 2006, and soil removal using large-diameter augers in 2009.

As a follow-up to all of this work, emulsified soybean oil and the *Dehalococcoides mccartyi* microorganism were injected into the subsurface at 75 points at the site in January and February 2010. This project resulted in a significant decrease in contaminant mass and concentration around the former contaminant source areas and in the downgradient contaminant plume.

With the completion of remedial action and confirmatory groundwater monitoring, DOE is proceeding to close the Northeast Site under the FDEP's RBCA rules (*Florida Administrative Code* Section 62-780.680). Closure monitoring was implemented starting with the September 2009 sampling event and was completed in September 2012. COPCs concentrations decreased significantly over this time period. DOE submitted the *Site Rehabilitation Completion Report with No Further Action Proposal for the Northeast Site* (DOE 2013) to FDEP in May 2013. That document proposes a risk-based closure for the Northeast Site under the State's RBCA regulations.

1.3 WWNA

The WWNA (PIN18) includes the industrial wastewater neutralization facility, the area south of the industrial wastewater neutralization facility (including the parking lot), and Building 200 (Figure 2). The WWNA and the Building 200 Area were identified as potential SWMUs in 1993. Following extensive characterization and remedial action, a No Further Action with Controls proposal was submitted to FDEP on March 14, 2007. FDEP approved the document on May 24, 2007, pending the finalization of ICs at the STAR Center.

1.4 Site Update

The following tasks were accomplished during the June through November 2015 period.

- Eight horizontal wells were installed beneath Building 100 in July, August, and September 2015. The wells were installed as pairs, with one shallow and one deep well in each pair. The approximately screened intervals of the four well pairs are shown on Figure 3.
- The injection of emulsified soybean oil and *Dehalococcoides mccartyi* using the horizontal wells beneath Building 100 was conducted in November 2015.
- The sitewide semiannual sampling event was conducted September 9–16, 2015. This event consisted of collection of water samples from 90 monitoring wells at the Building 100 Area. Water-level measurements were obtained from all accessible monitoring wells and ponds on September 10.

1.5 Waste Minimization

The following materials were recycled at the Pinellas site from June to November 2015:

- 27 pounds of paper
- 18 pounds of cardboard
- 10 pounds of plastic
- 31 pounds of magazines
- 1.5 pounds of aluminum

2.0 Water-Level Elevations

Depth-to-water measurements were taken at all accessible monitoring wells, piezometers, and ponds (including two offsite ponds) at the STAR Center on September 10, 2015. Water levels at the 4.5 Acre Site, however, could not be measured until September 14 due to flooding at that site following some very heavy rain events. The water levels were measured with an electronic water-level indicator or directly from a staff gauge. Groundwater elevations are listed in Table 1.

2.1 Groundwater Flow

Groundwater and surface water elevations were used to construct sitewide groundwater contour maps of the shallow and deep surficial aquifers (Plates 1 and 2, respectively). Water levels from the 4.5 Acre Site are included on Plates 1 and 2 even though they were measured 4 days later than the other sitewide water levels. Individual contour maps were also constructed for the shallow and deep surficial aquifers at the Building 100 Area (Figures 4 and 5).

For the past several years, shallow groundwater beneath Building 100 has been observed to flow to the southeast under a very slight gradient, and this flow pattern was observed again in September 2015 (Figure 4). A similar flow pattern was observed in the deep surficial aquifer (Figure 5). The hydraulic gradient in the Building 100 Area in September 2015 was about 0.002 foot/foot onsite and about 0.006 foot/foot offsite to the south. On the basis of calculations using Darcy's law, along with approximations of 1 foot/day for hydraulic conductivity and 0.3 for effective porosity, groundwater velocity in this area is estimated to be about 2.4 feet/year onsite and about 7.3 feet/year offsite to the south.

An aquifer test conducted in July 2009 in the area around recovery well RW03 indicated that the hydraulic conductivity of the surficial aquifer around well RW03 might be higher than that observed in other parts of the STAR Center. Analysis of the aquifer test yielded an estimated hydraulic conductivity of 6.7–7.4 feet/day, which is higher than previous tests conducted in other areas of the STAR Center, where estimated hydraulic conductivities were closer to 1 foot/day.

Surface water elevations were recorded in September 2015 from the East, South, Southwest, and West Ponds, Pond 5, and the pond just east of Belcher Road (Table 2). All the ponds are hydraulically connected to the shallow surficial aquifer system (Plate 1).

3.0 Groundwater Sampling

3.1 Work Performed

During the semiannual sampling event at the STAR Center in September 2015, groundwater samples were collected from 90 monitoring wells at the Building 100 Area. Volatile organic compounds were analyzed in these samples using EPA SW-846 method 8260B, and 1,4-dioxane was analyzed in the same samples using EPA method 8260B SIM. Laboratory reports are provided in Appendix A. The analytical results are discussed in Section 4.

The analyte 1,4-dioxane was not analyzed in well PIN12-0577-1 because the sample bottle broke during shipping. Wells PIN12-0554A, -0554B, -0554C; PIN12-S67B, -S67C, and -S67D; PIN12-S30B; PIN12-S33C; and PIN12-S35B were not sampled in September because they were plugged prior to horizontal well installation to prevent potential short-circuiting issues through these wells. Well PIN12-0551-1 was not sampled because the well, damaged by road construction a few years ago, was compromised (the well is partially filled with sand).

Figures 6–14 are plume maps for the Building 100 Area for September 2015. Figures 6 and 7 show the total COPCs (TCOPCs) concentrations. TCOPCs is the sum of the individual COPC concentrations for each well. The Building 100 Area COPCs are trichloroethene (TCE), *cis*-1,2-dichloroethene (cDCE), *trans*-1,2-dichloroethene (tDCE), 1,1-dichloroethene (1,1-DCE), vinyl chloride (VC), and 1,4-dioxane. Figures 8–14 show the plumes for the individual COPCs; plume maps for tDCE and 1,1-DCE are not shown because these COPCs rarely exceed the CTL.

All samples were collected in accordance with the *Sampling and Analysis Plan for U.S. Department of Energy Office of Legacy Management Sites (LMS/PRO/S04351)*, using FDEP procedures. All samples were submitted to TestAmerica Laboratories in Denver, Colorado, for analysis. TestAmerica Denver is accredited by the Florida Department of Health in accordance with the National Environmental Laboratory Accreditation Conference (certification number E87667). Sampling was performed when the field measurements stabilized, in accordance with FDEP procedures.

A new FDEP-approved sampling technique (allowing water to pass through the pump head before sample collection), first implemented with the September 2014 sampling event, was used at all wells. All monitoring wells were micropurged using high-density polyethylene tubing or dedicated Teflon tubing in the well and a peristaltic pump at the surface, and sampling was performed when the field measurements stabilized.

Table 3 lists field measurements of temperature, specific conductance, turbidity, pH, oxidation-reduction potential, and dissolved oxygen recorded at the time the samples were collected. Measurements were made using a calibrated multiparameter meter with a flow cell, and turbidity was measured using a nephelometer.

3.2 Quality Assurance/Quality Control

The results from the analytical laboratory, TestAmerica Denver, were checked for quality assurance/quality control through duplicate samples, trip blanks, and equipment blanks. The

duplicate sample results were compared, and the relative percent differences (RPDs) between the results were calculated (Table 4).

The analytes 1,4-dioxane in wells PIN12-0581-2, PIN12-0585-2, and PIN12-0585-3 and VC in wells PIN12-0585-3 and PIN12-0587-2 had RPD values that exceeded the EPA-recommended laboratory duplicate criterion of less than 20 RPD for results that are greater than 25 times the method detection limit. There is no explanation for these poor RPD values. These results were “J” qualified as estimated values due to the poor RPD value.

As specified in the *Sampling and Analysis Plan for U.S. Department of Energy Office of Legacy Management Sites*, duplicate samples should be collected at a frequency of 1 duplicate for every 20 or fewer samples. For the STAR Center, 90 samples and 5 duplicates were collected for volatiles analysis, and 89 samples and 5 duplicates were collected for 1,4-dioxane analysis. The duplicate requirements for this sampling event were met. Four trip blanks and four equipment blanks also were collected during this event.

A data validation software module for identifying and tracking anomalous groundwater data within the SEEPro (Site Environmental Evaluation for Projects) database was used to generate a report of analytical results that fall outside of historical minimum or maximum values. No anomalous results were identified.

4.0 Performance Monitoring

As described in Section 1.1, performance monitoring of enhanced bioremediation at the Building 100 Area has replaced plume stability monitoring, starting with the March 2015 sampling event. Performance monitoring will be conducted for a few sampling events to evaluate the effectiveness of the emulsified soybean oil and *Dehalococcoides mccartyi* microorganism at enhancing contaminant biodegradation in the contaminant source areas and plumes. As described in Section 1.1, amendment injection was conducted in the onsite plumes in October and November 2014, in the offsite plumes in February 2015, and beneath the building in November 2015 (Figure 3). COPC concentrations since March 2013 are provided in Table 5.

Figures 15–18 are time-concentration plots for wells in or near the centerline of the south plume. Significant concentration decreases after soybean oil injection are evident in all four wells. The increase in VC concentration seen in well 0585-2 may be due to the biodegradation rate of the three dichloroethene isomers outpacing the rate of VC biodegradation.

Figures 19–21 are time-concentration plots for wells in or near the centerline of the east plume. Well 0580-2 is about 40 feet from the nearest soybean oil injection point, and no decrease in COPC concentrations is observed in this well. Well 0582-2 is about 25 feet from the nearest injection point, and cDCE and VC concentrations decreased in this well. Well 0576-2 is close to the injection points, but no concentration decrease is evident.

Figure 22 shows oxidation-reduction potential trends in wells along the east edge of the Essentra property. Soybean oil was not injected at this site but was injected hydraulically upgradient on Bank of Tampa property in February 2015 (Figure 3). The significant decrease in oxidation-

reduction potential suggests that the soybean oil injection may have influenced the geochemistry in these wells, although no decrease in COPC concentrations is evident (Table 5).

5.0 Upcoming Tasks

The following major task is planned for the next semiannual period (December 2015 to May 2016):

- Performance monitoring at the Building 100 Area will continue with the semiannual sampling event in March 2016.

6.0 References

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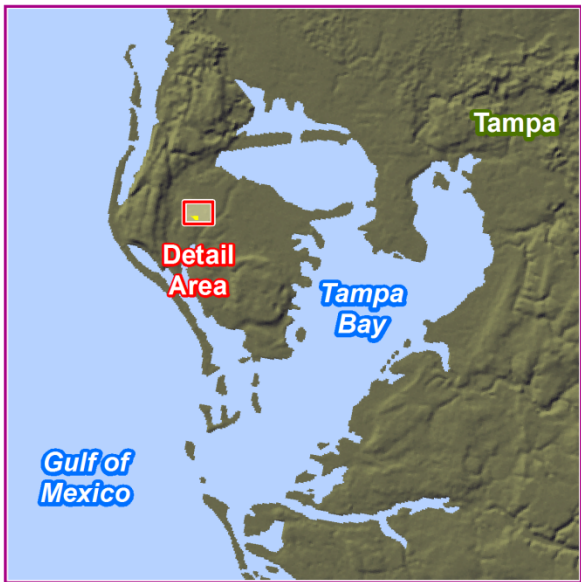
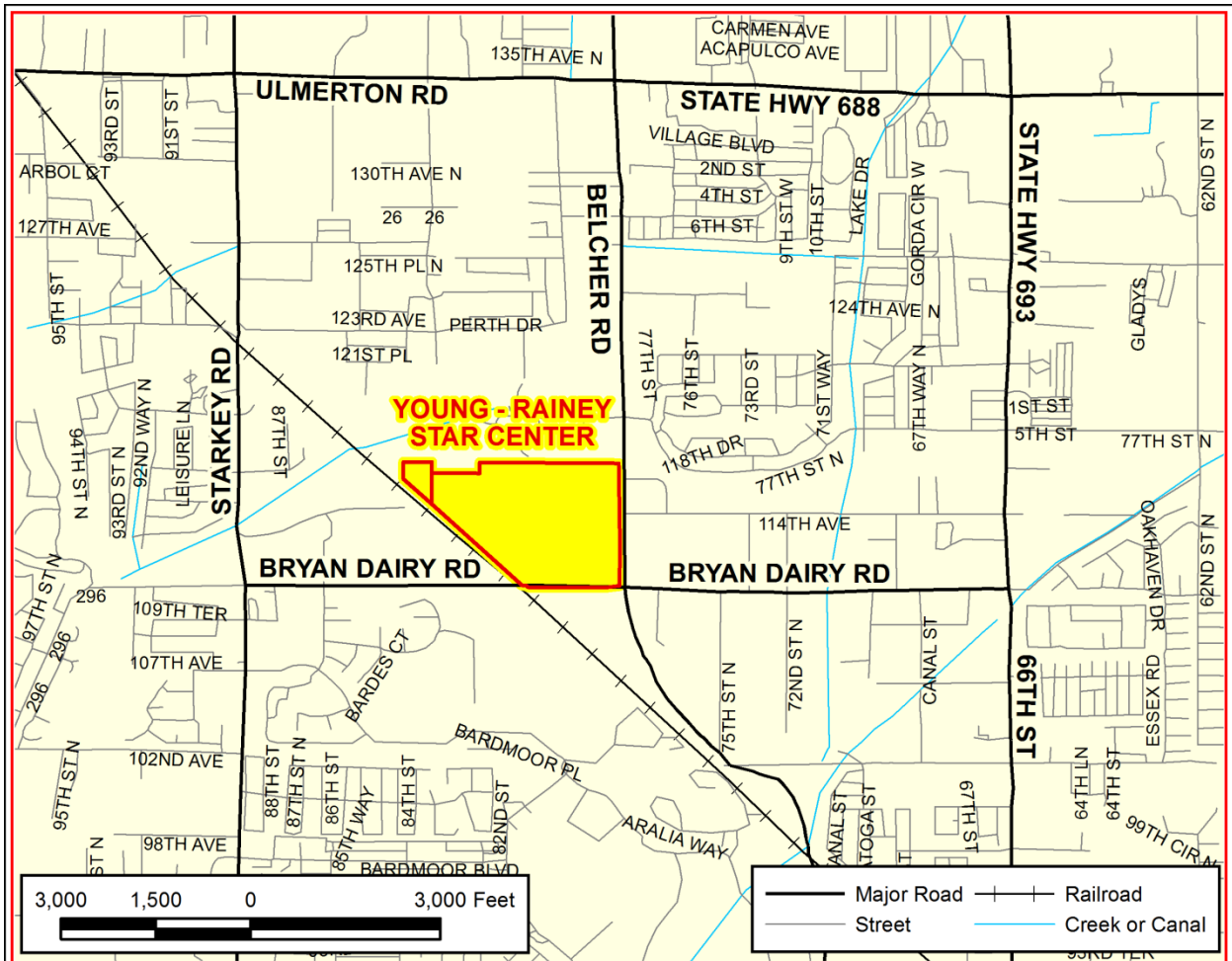
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Sampling and Analysis Plan for U.S. Department of Energy Office of Legacy Management Sites, LMS/PRO/S04351, continually updated, prepared by Navarro Research and Engineering, Inc., for the U.S. Department of Energy Office of Legacy Management.



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Figure 1. Young - Rainey STAR Center Location

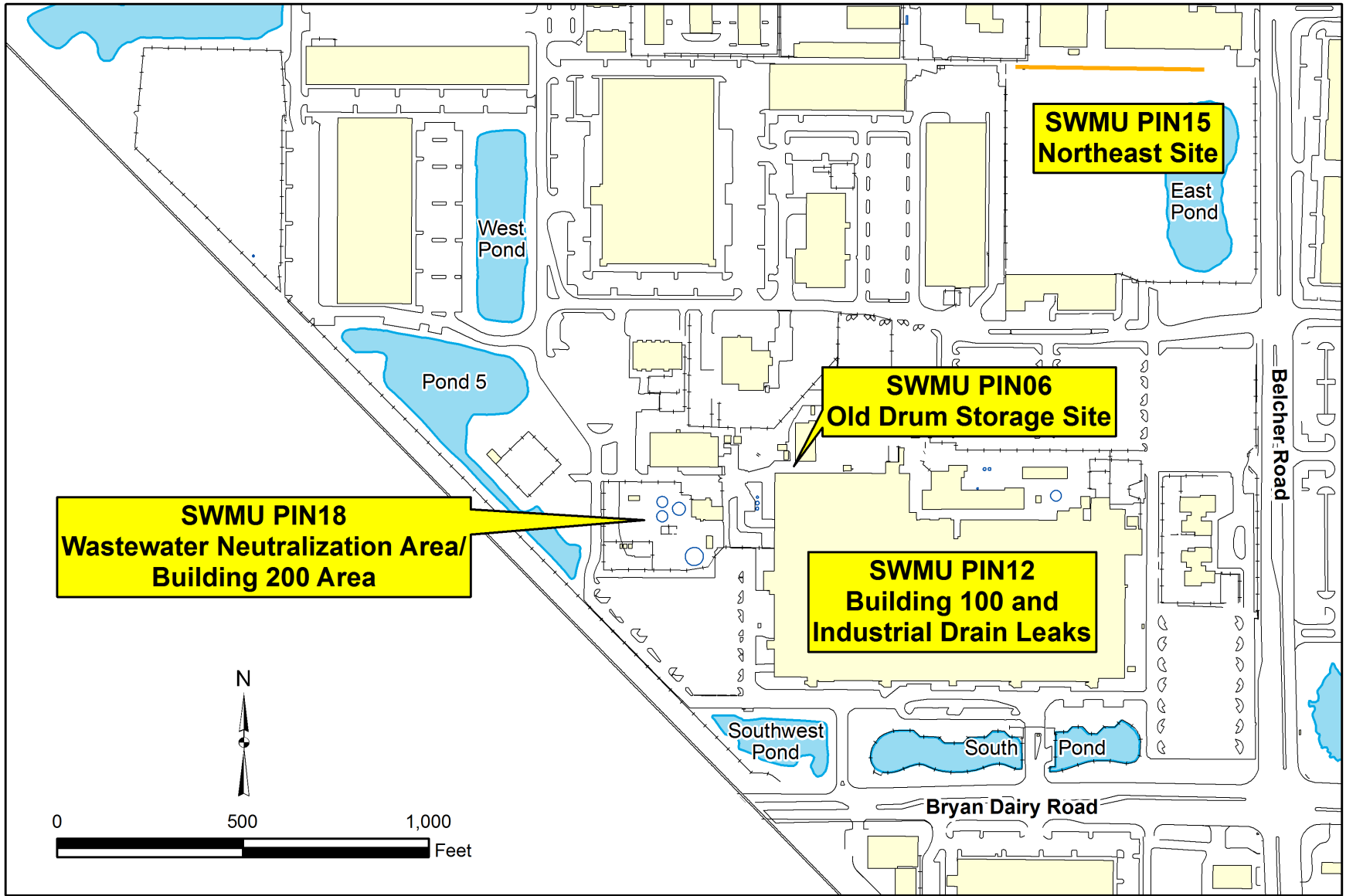
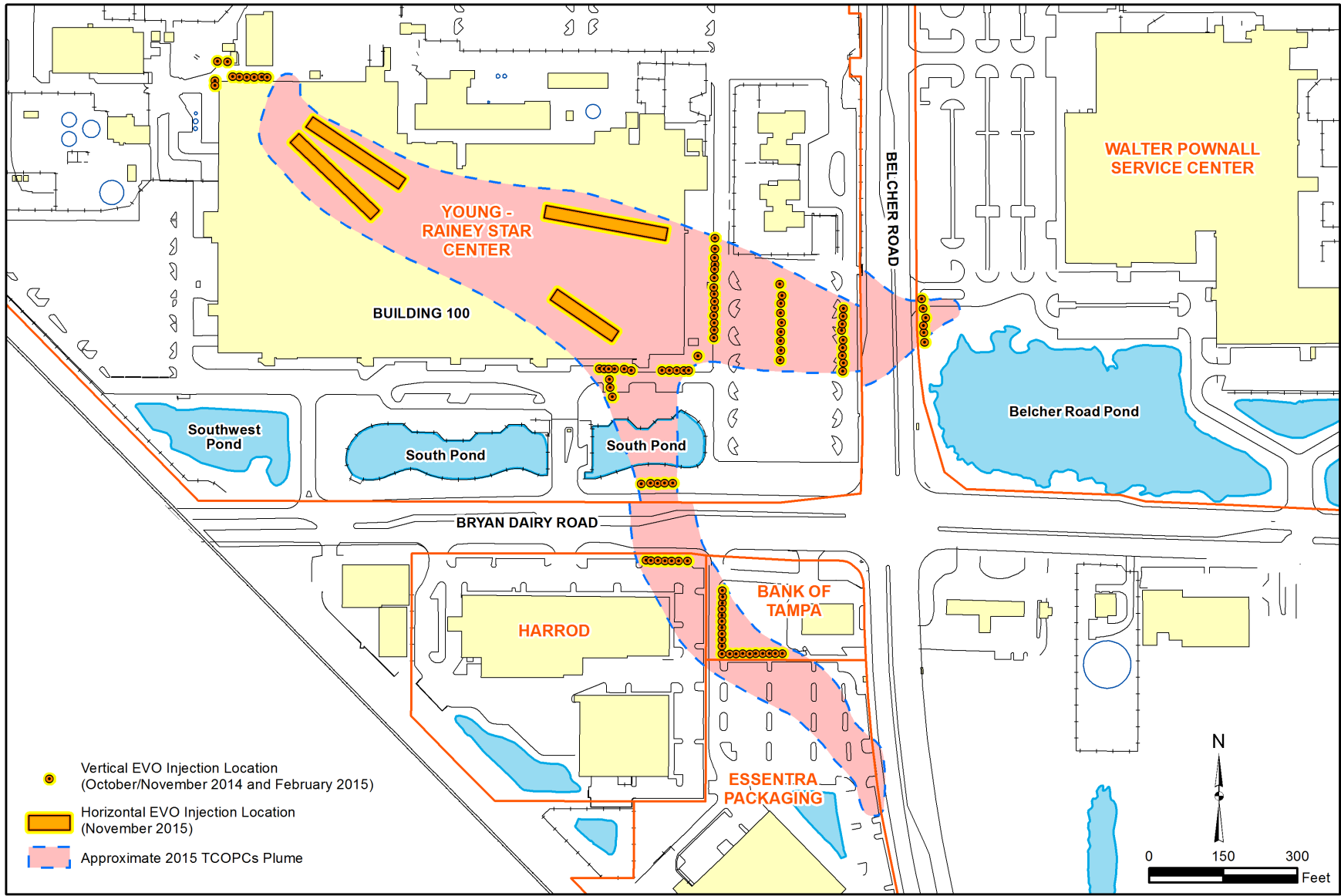


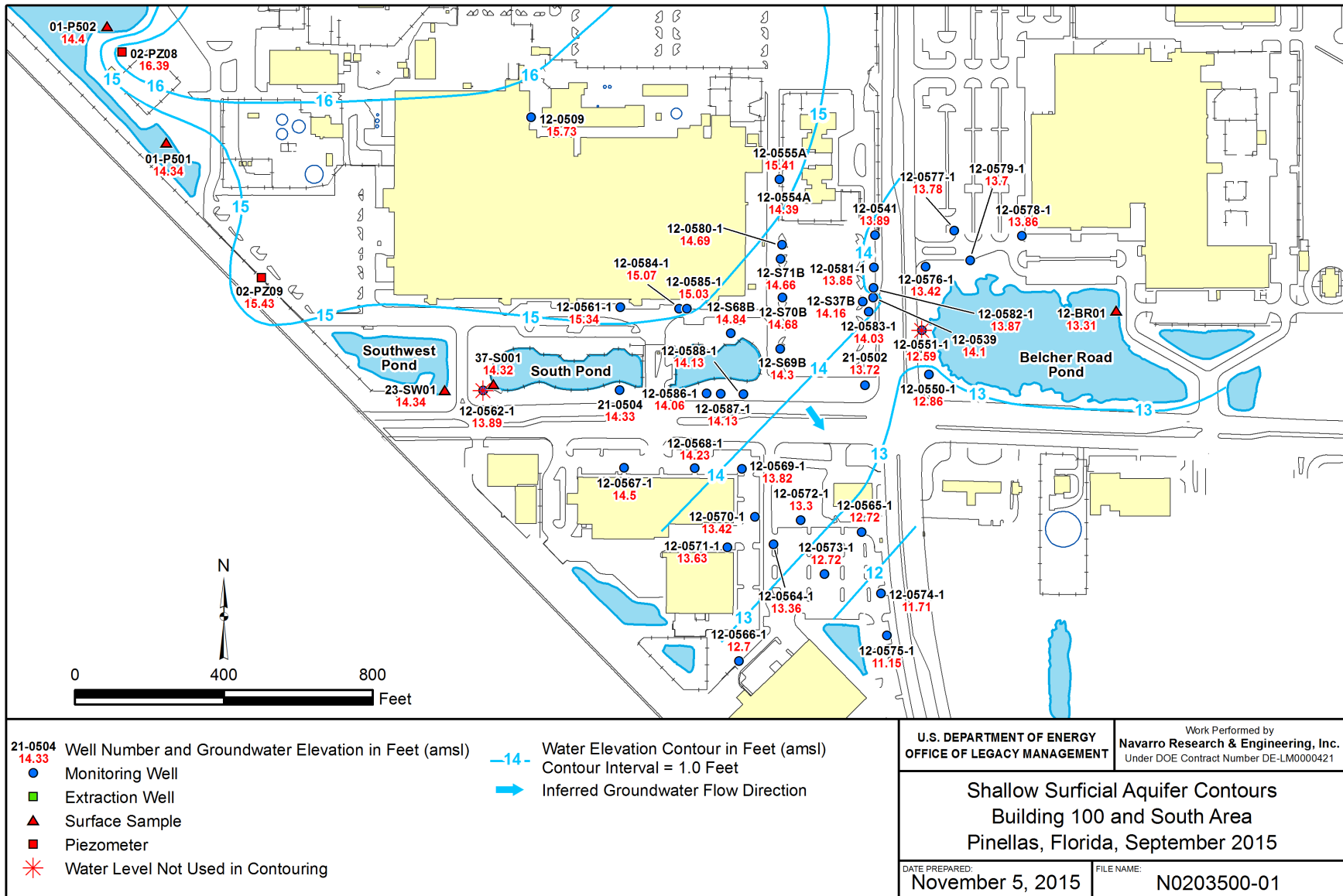
Figure 2. Location of STAR Center Solid-Waste Management Units



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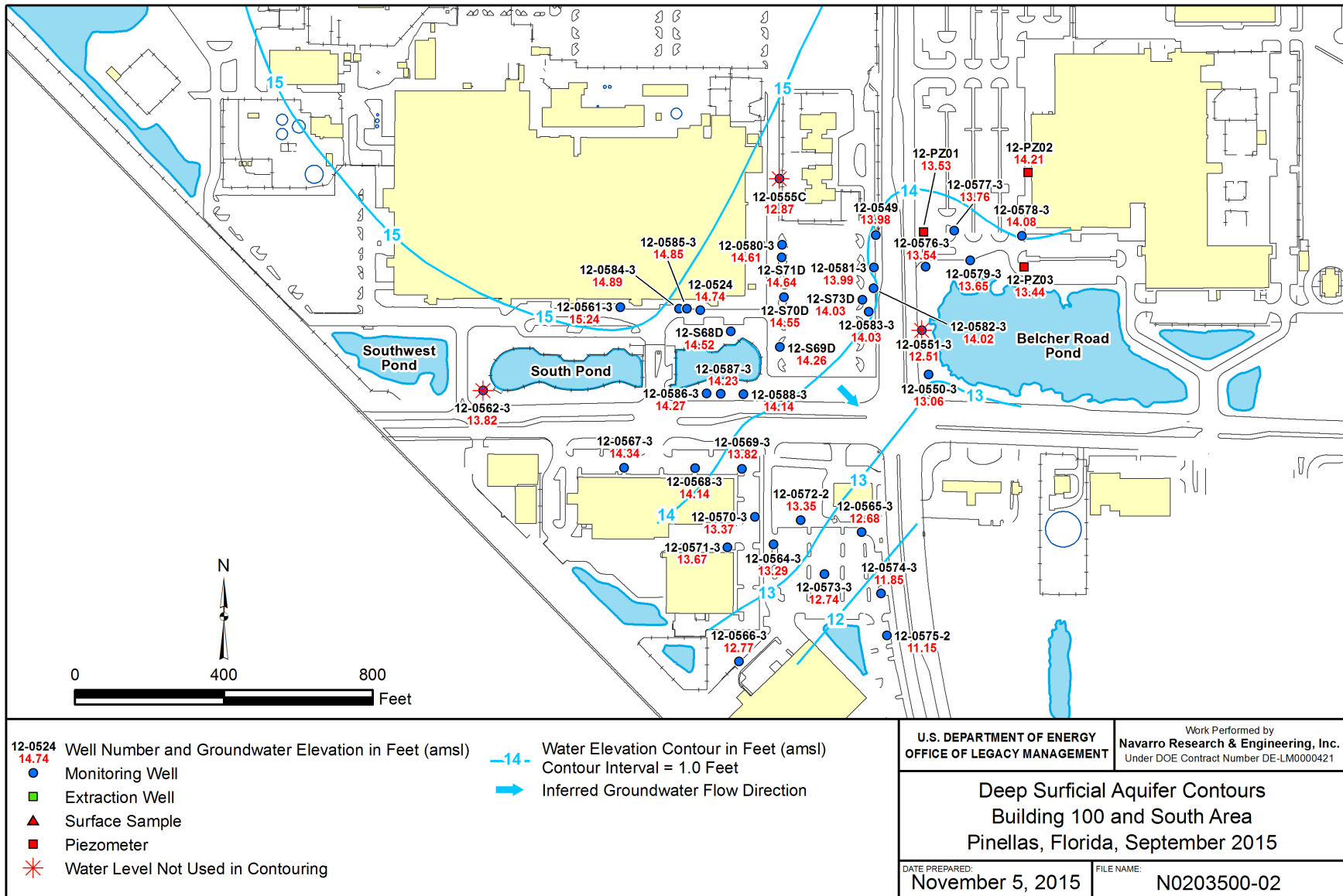
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Figure 3. Emulsified Soybean Oil Injection Locations



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Figure 4. Building 100 Area Shallow Surficial Aquifer Flow, September 2015



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Figure 5. Building 100 Area Deep Surficial Aquifer Flow, September 2015

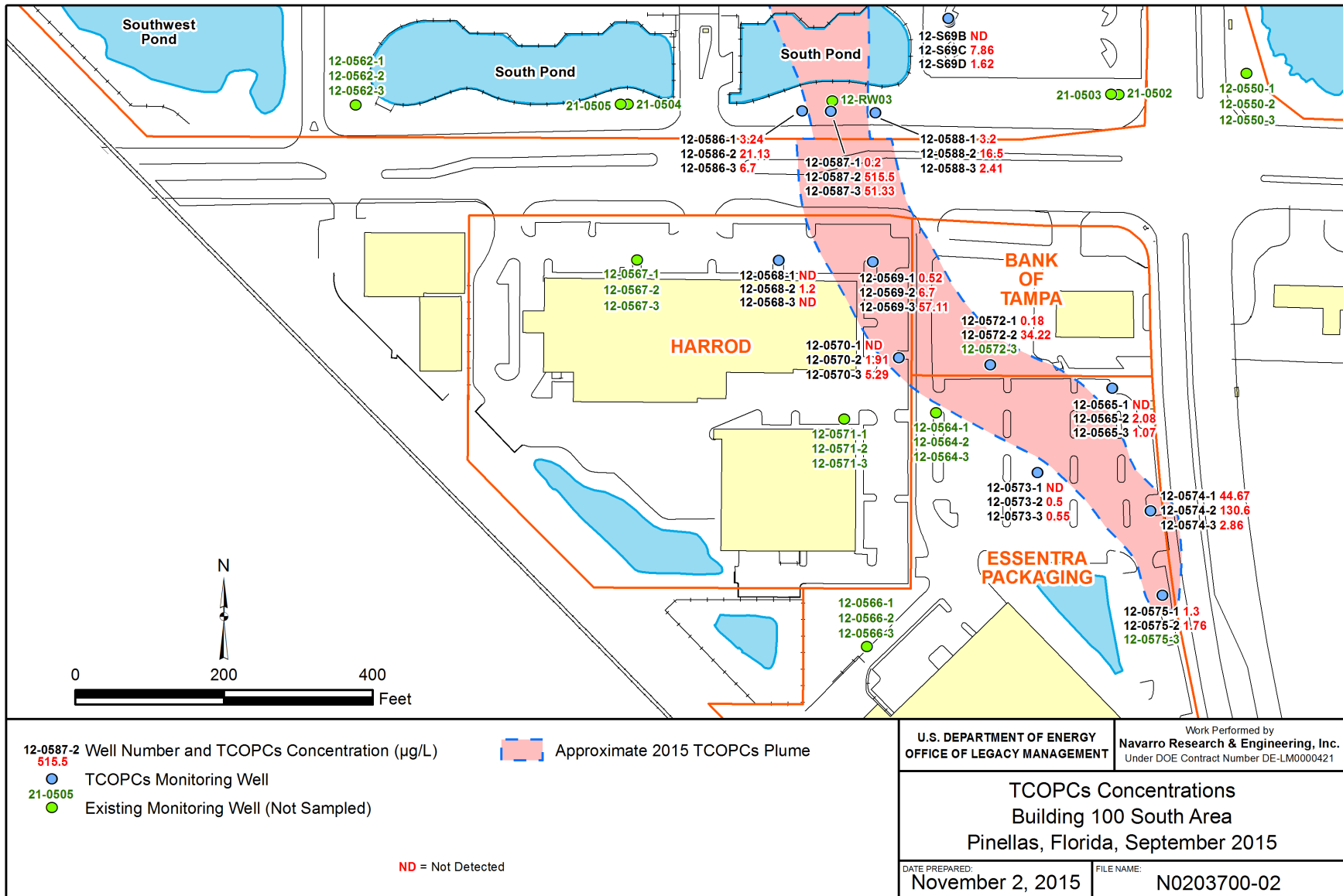
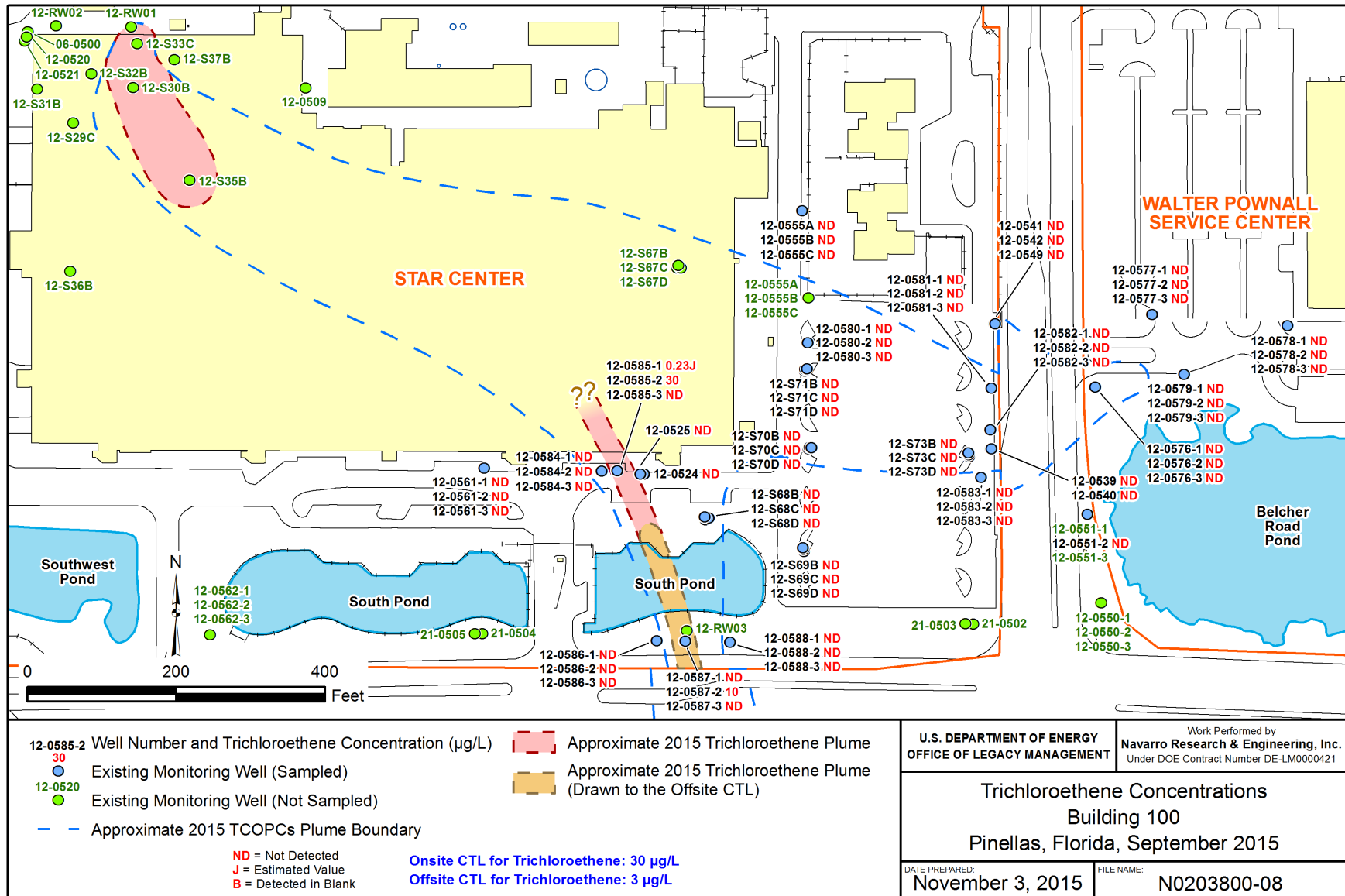
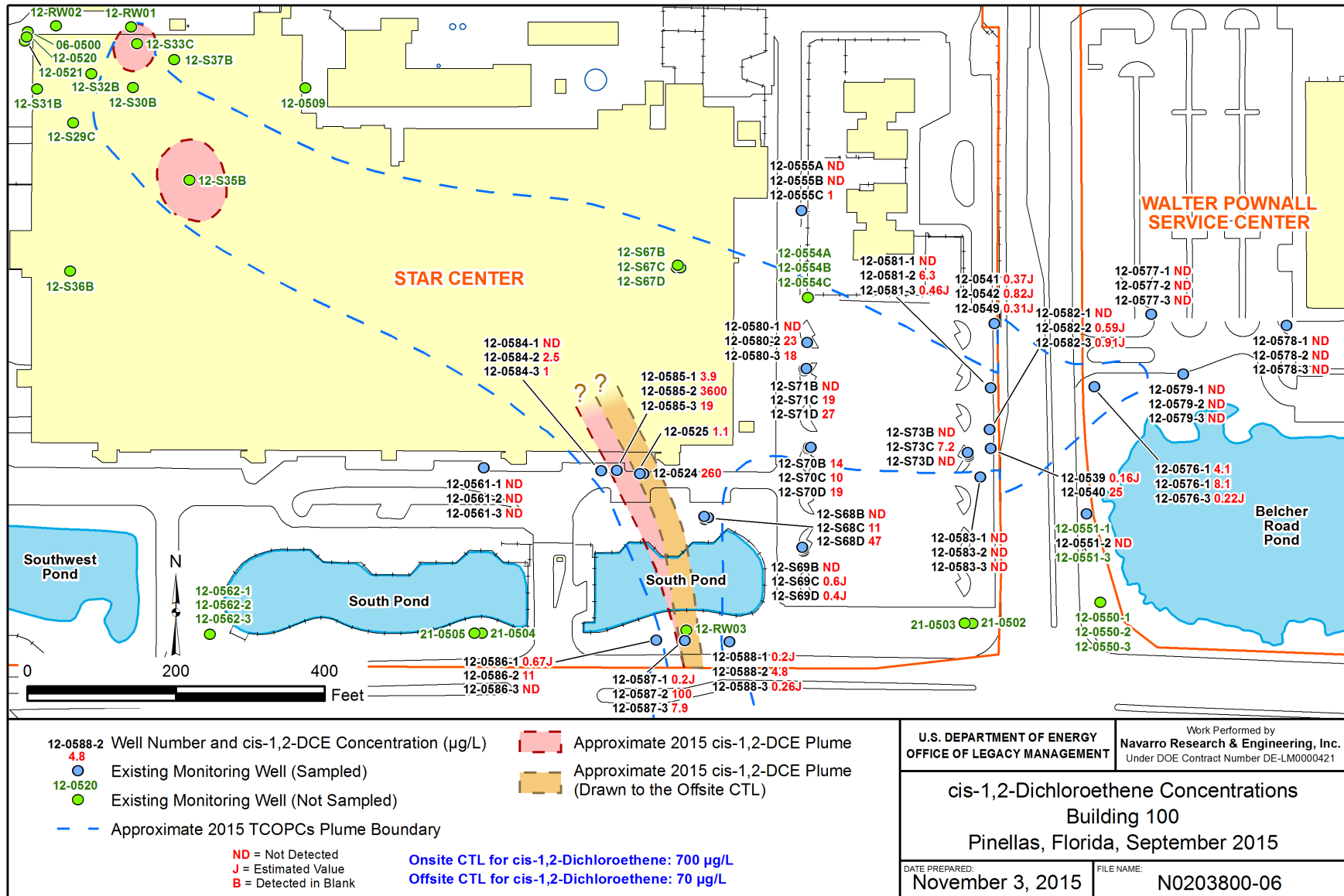


Figure 7. Building 100 Area South TCOPCs Concentrations, September 2015



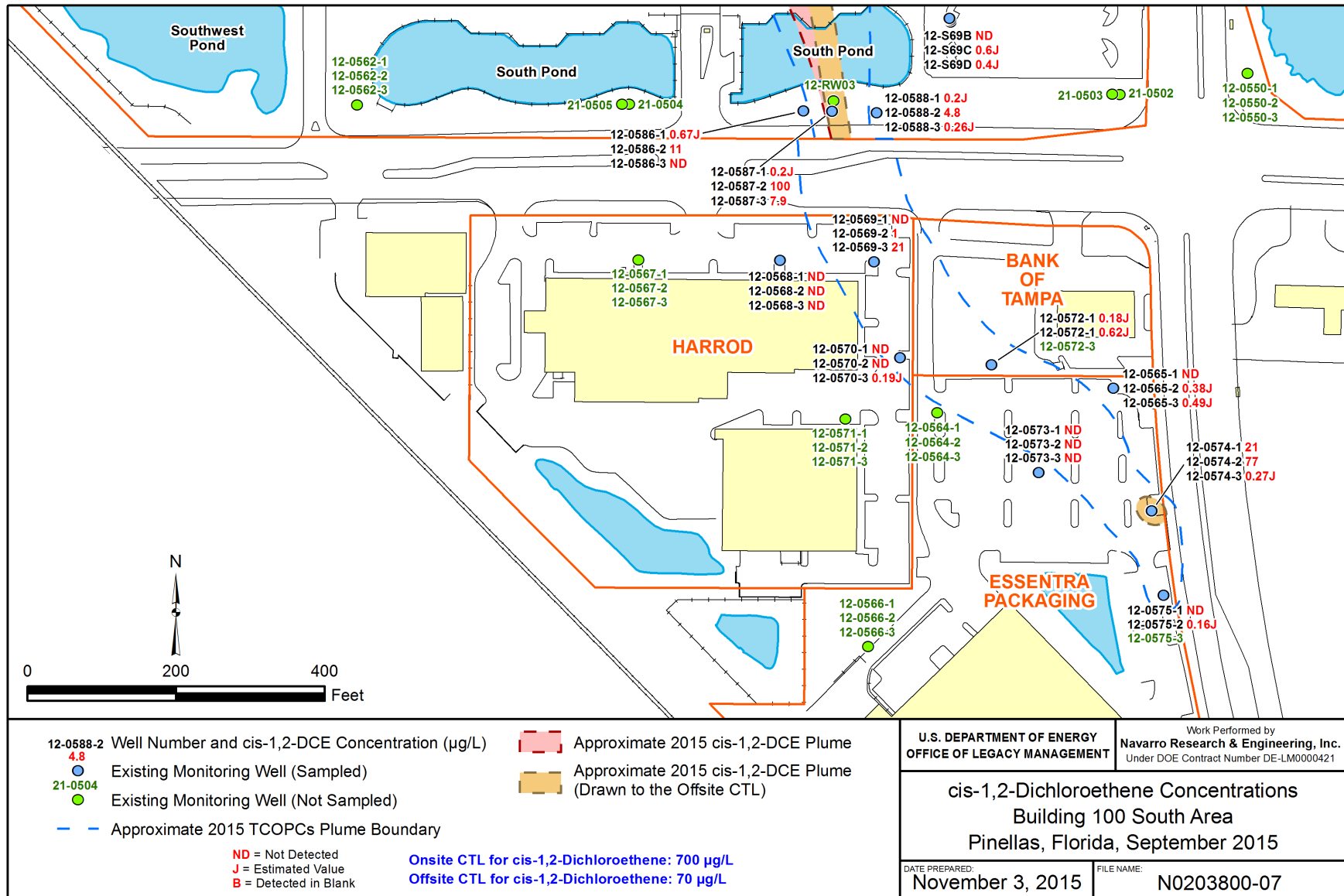
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Figure 8. Building 100 Area TCE Concentrations, September 2015



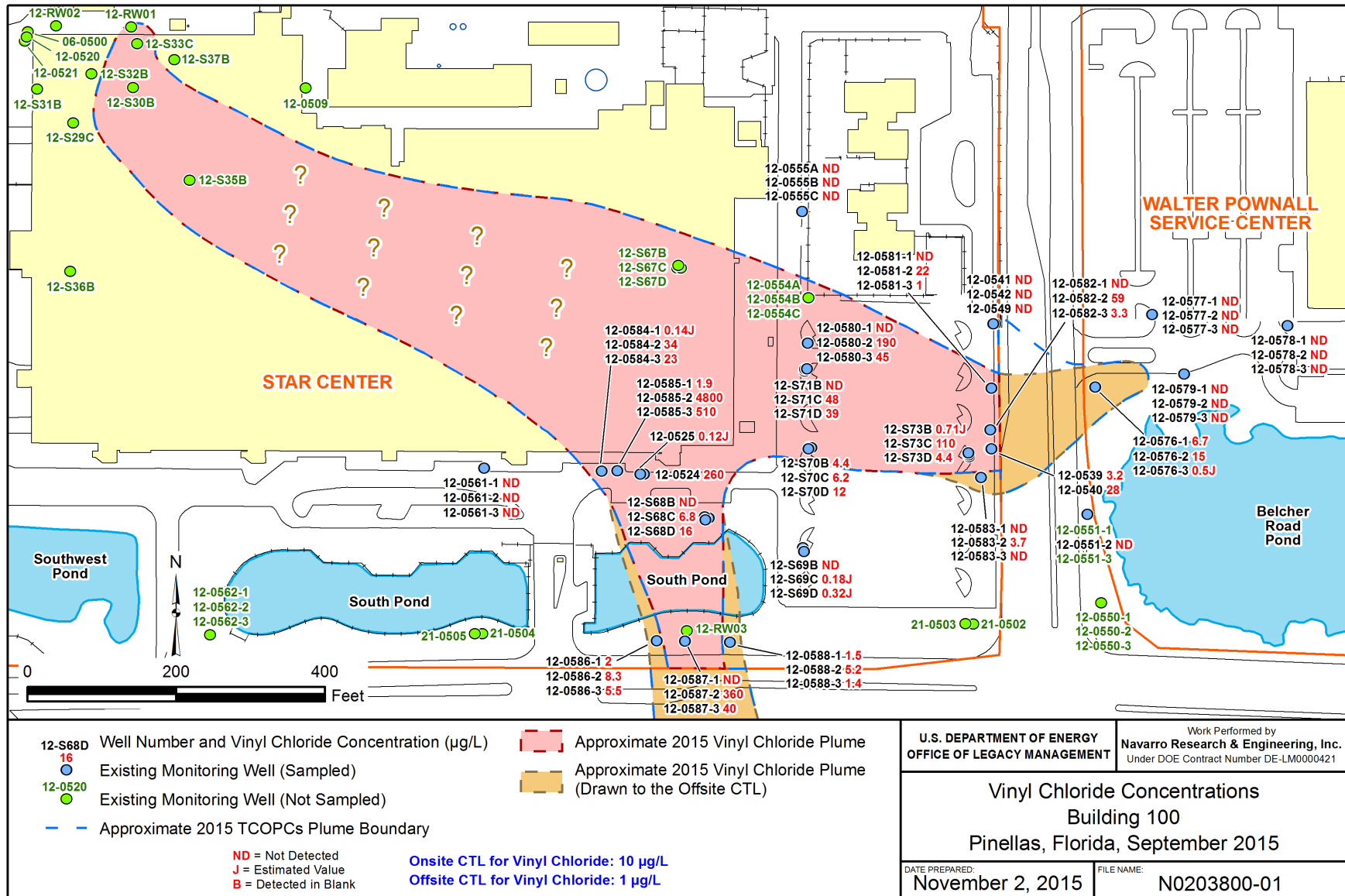
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Figure 9. Building 100 Area cDCE Concentrations, September 2015



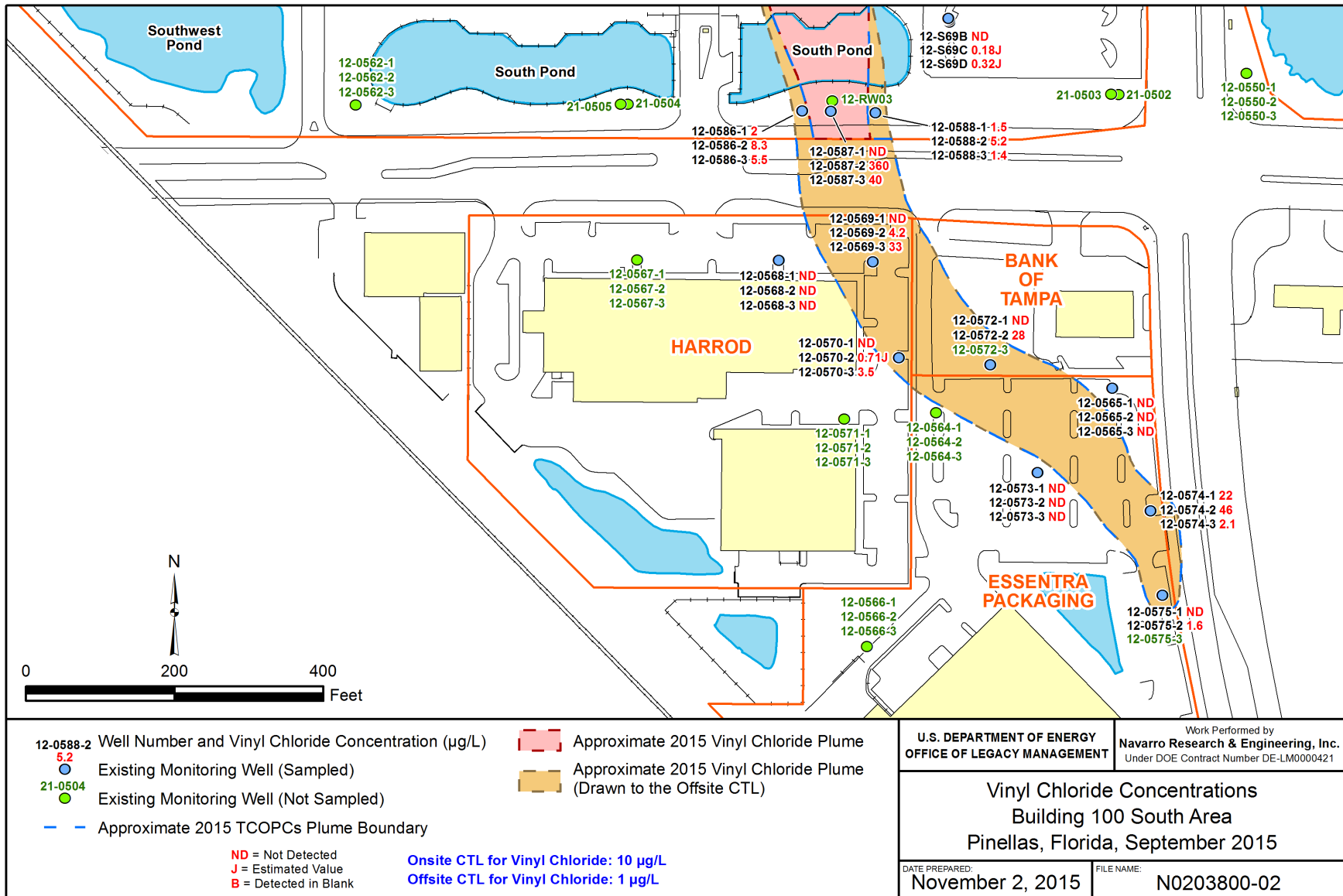
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Figure 10. Building 100 Area South cDCE Concentrations, September 2015



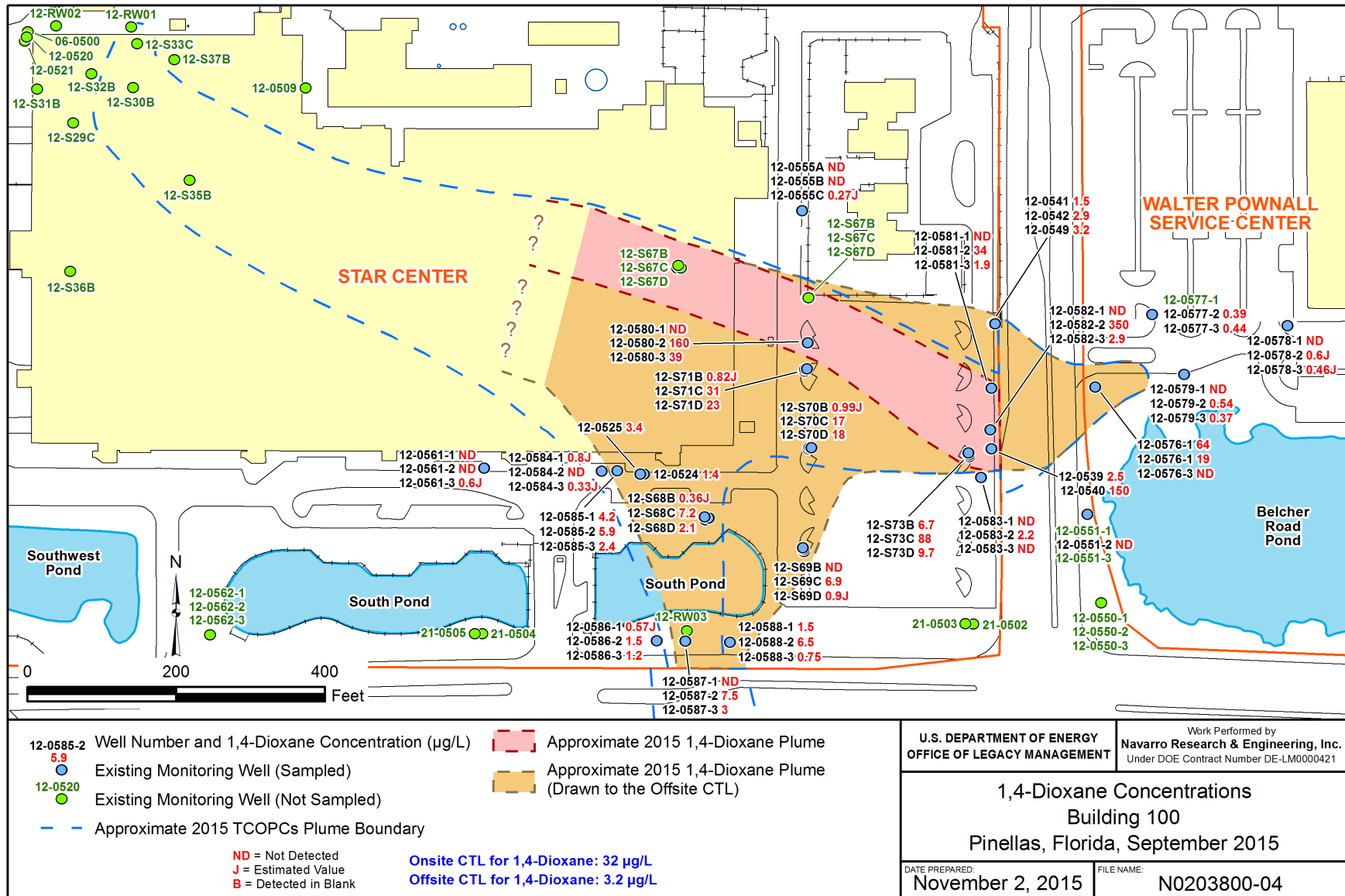
\\LM\less\Env\Projects\EBM\PIN\041\001016\000\N02038\N0203800-01.mxd smithw 11/02/2015 3:32:29 PM

Figure 11. Building 100 Area VC Concentrations, September 2015



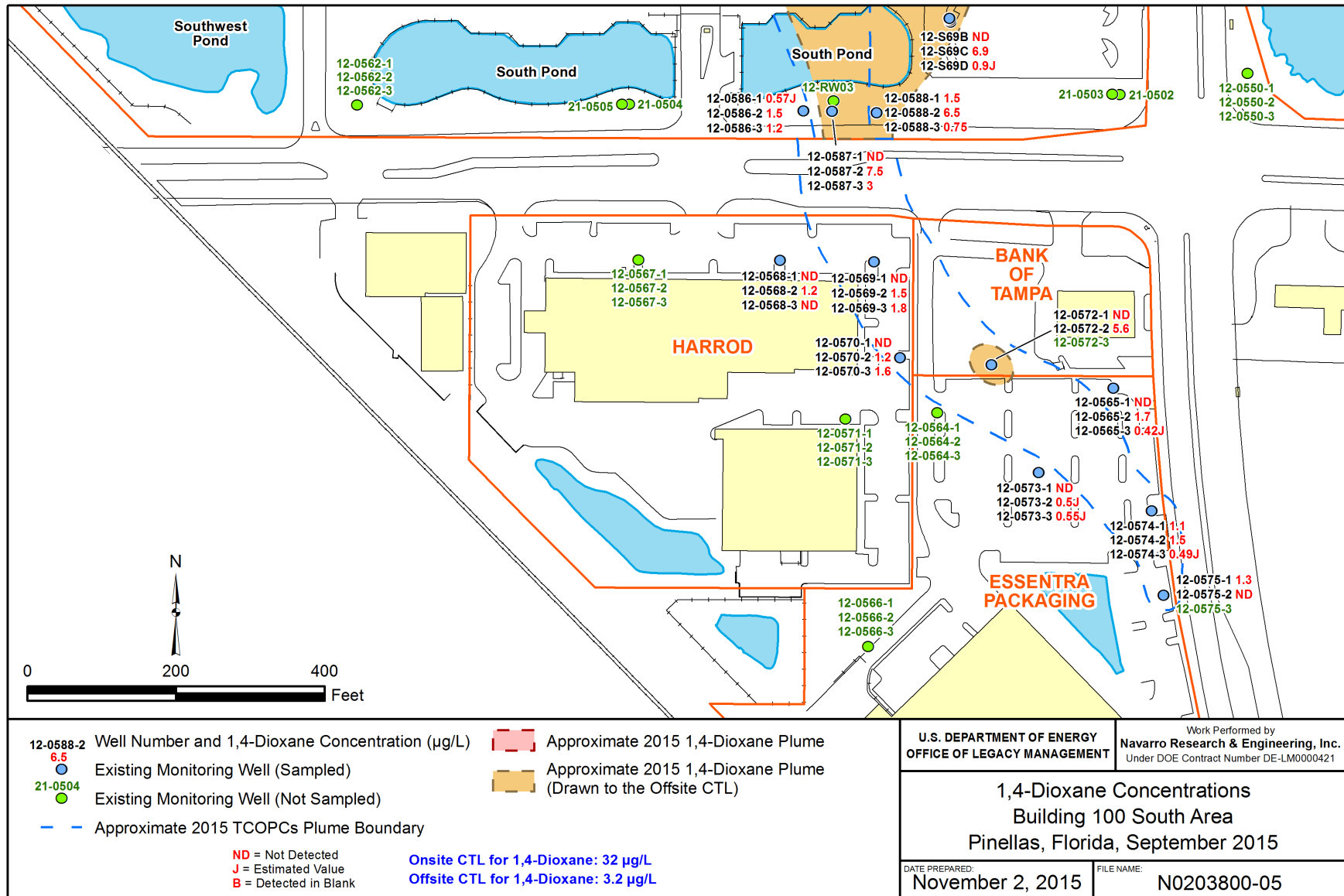
\\LMless\EnvProjects\EBM\PIN\041\001016\000\N02038\N0203800-02.mxd smithw 11/02/2015 5:09:17 PM

Figure 12. Building 100 Area South VC Concentrations, September 2015



\\LM\less\Env\Projects\EBM\PIN\041\00101\16\000\N02038\N0203800-04.mxd smithw 11/02/2015 4:14:11 PM

Figure 13. Building 100 Area 1,4-Dioxane Concentrations, September 2015



\\LM\ess\EnvProjects\EBM\PIN\041\001016\000\N02038\N0203800-05.mxd smithw 11/02/2015 4:24:38 PM

Figure 14. Building 100 Area South 1,4-Dioxane Concentrations, September 2015

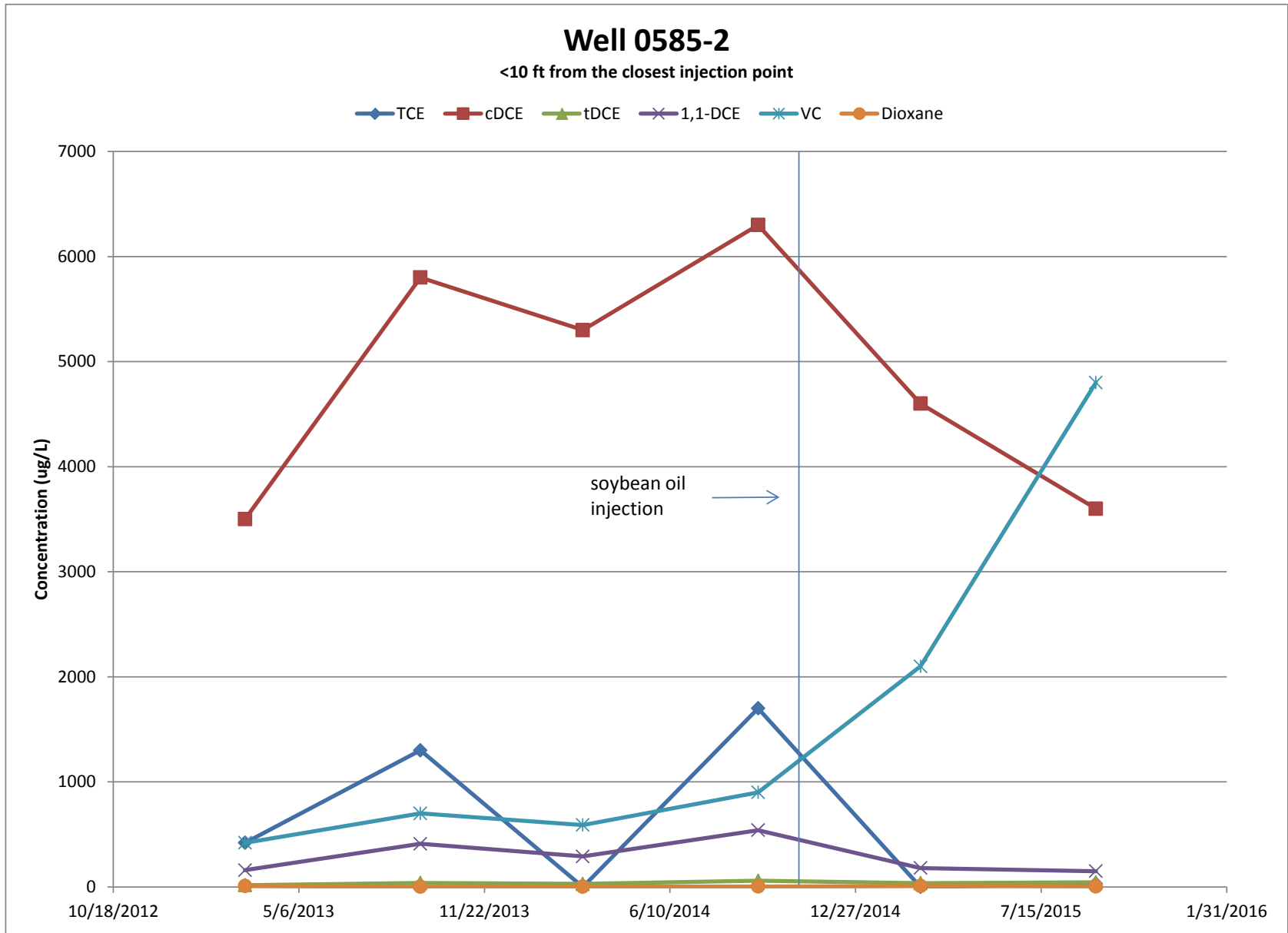


Figure 15. COPC Trends in Well PIN12-0585-2

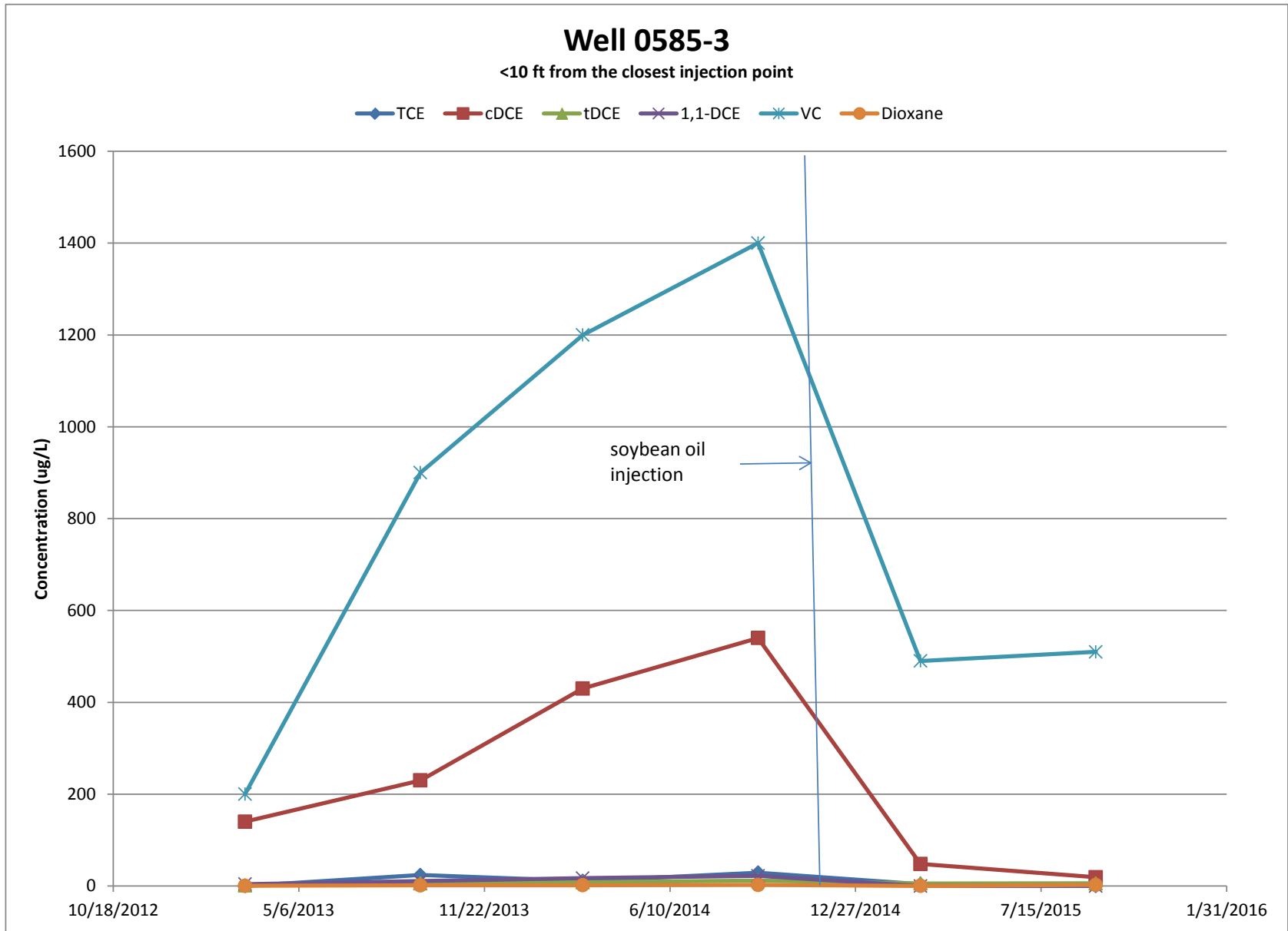


Figure 16. COPC Trends in Well PIN12-0585-3

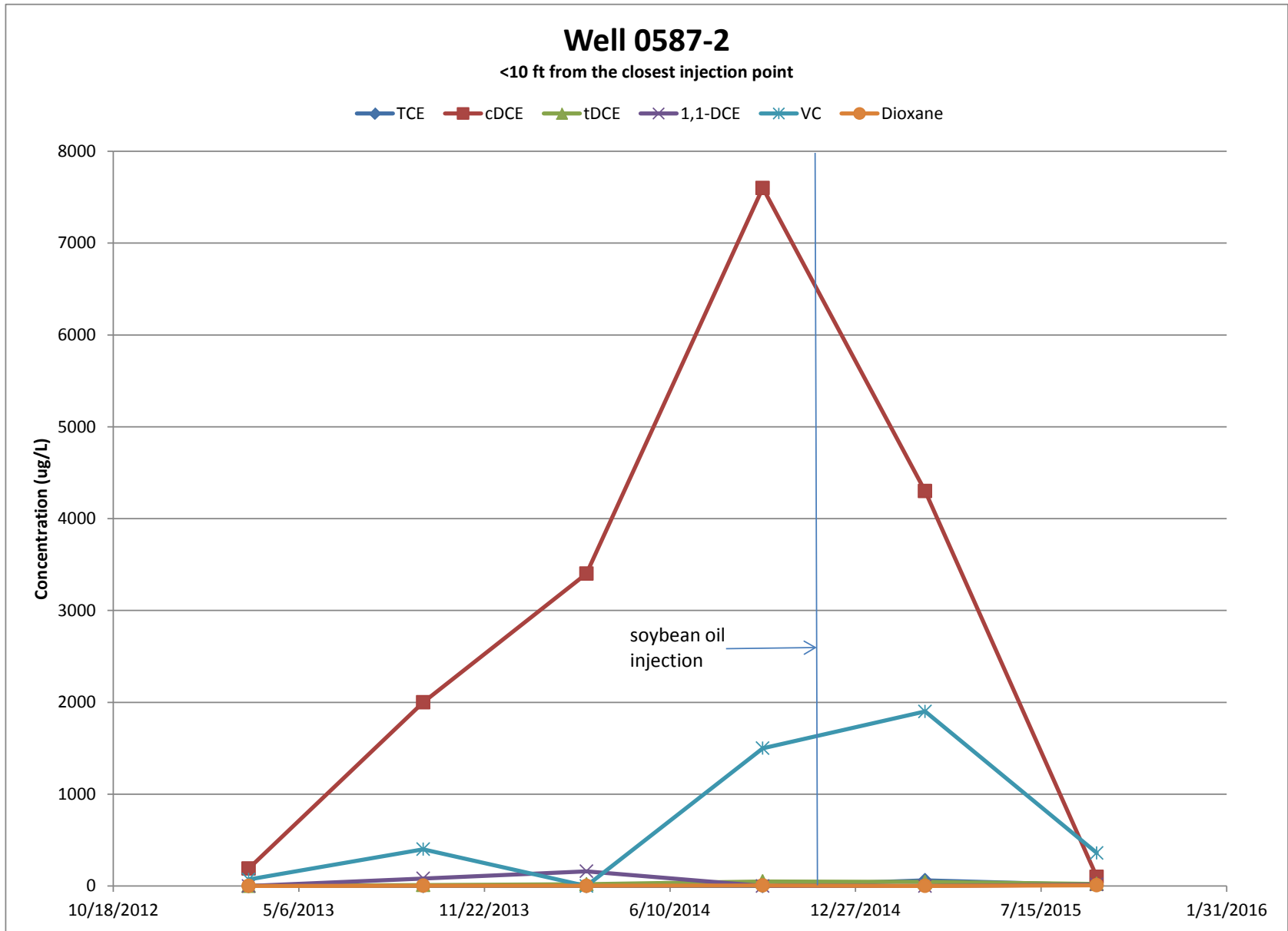


Figure 17. COPC Trends in Well PIN12-0587-2

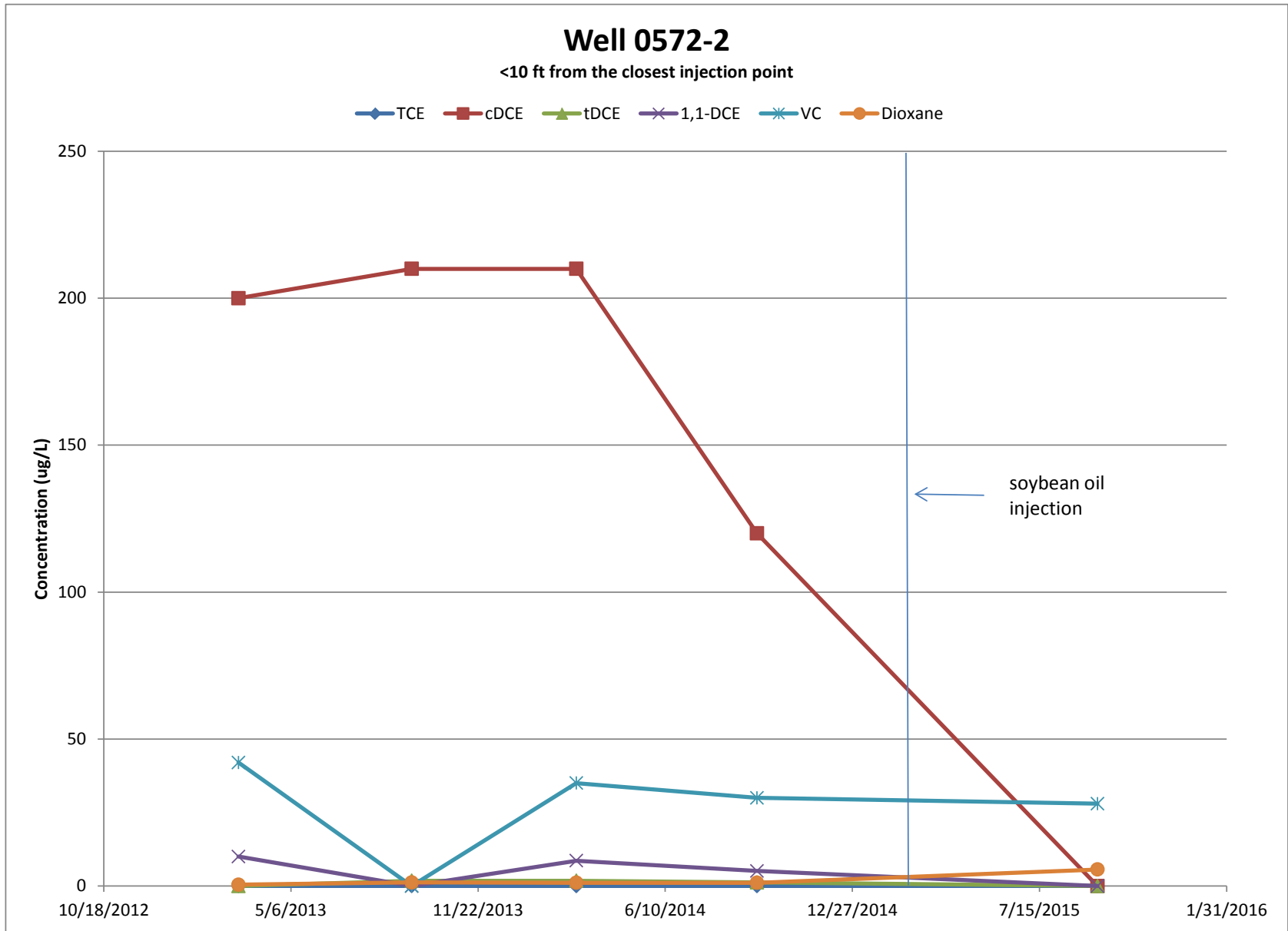


Figure 18. COPC Trends in Well PIN12-0572-2

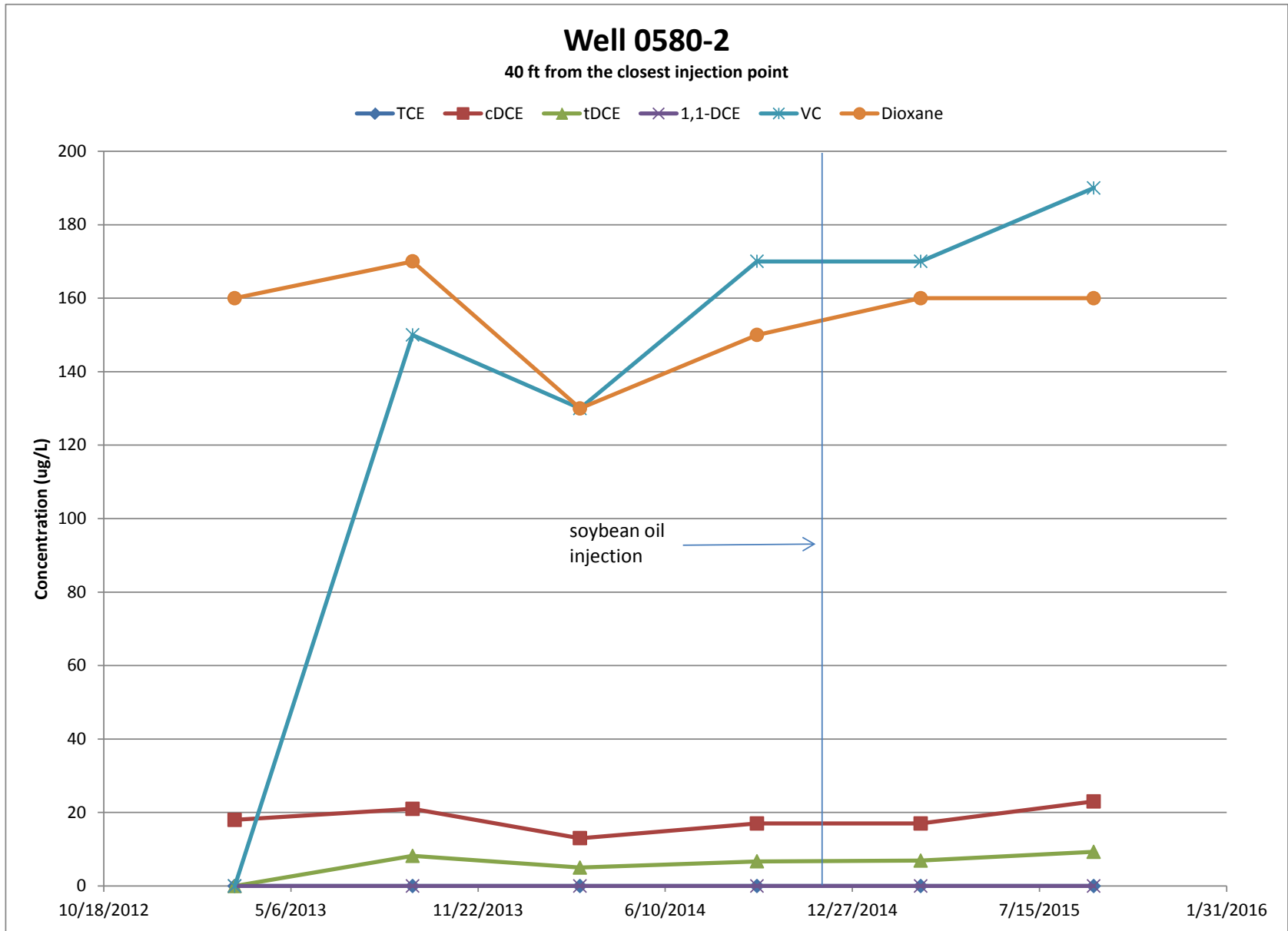


Figure 19. COPC Trends in Well PIN12-0580-2

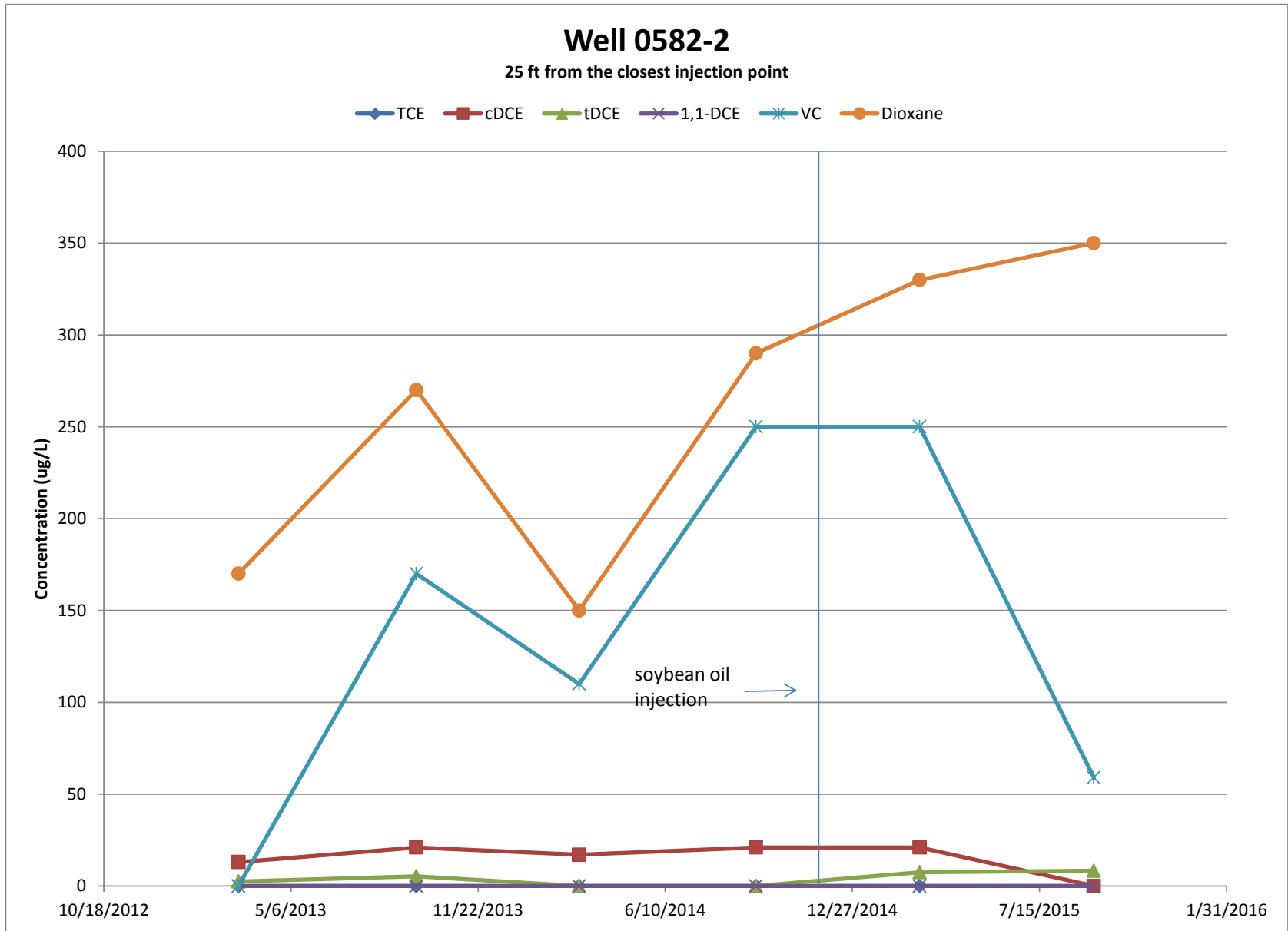


Figure 20. COPC Trends in Well PIN12-0582-2

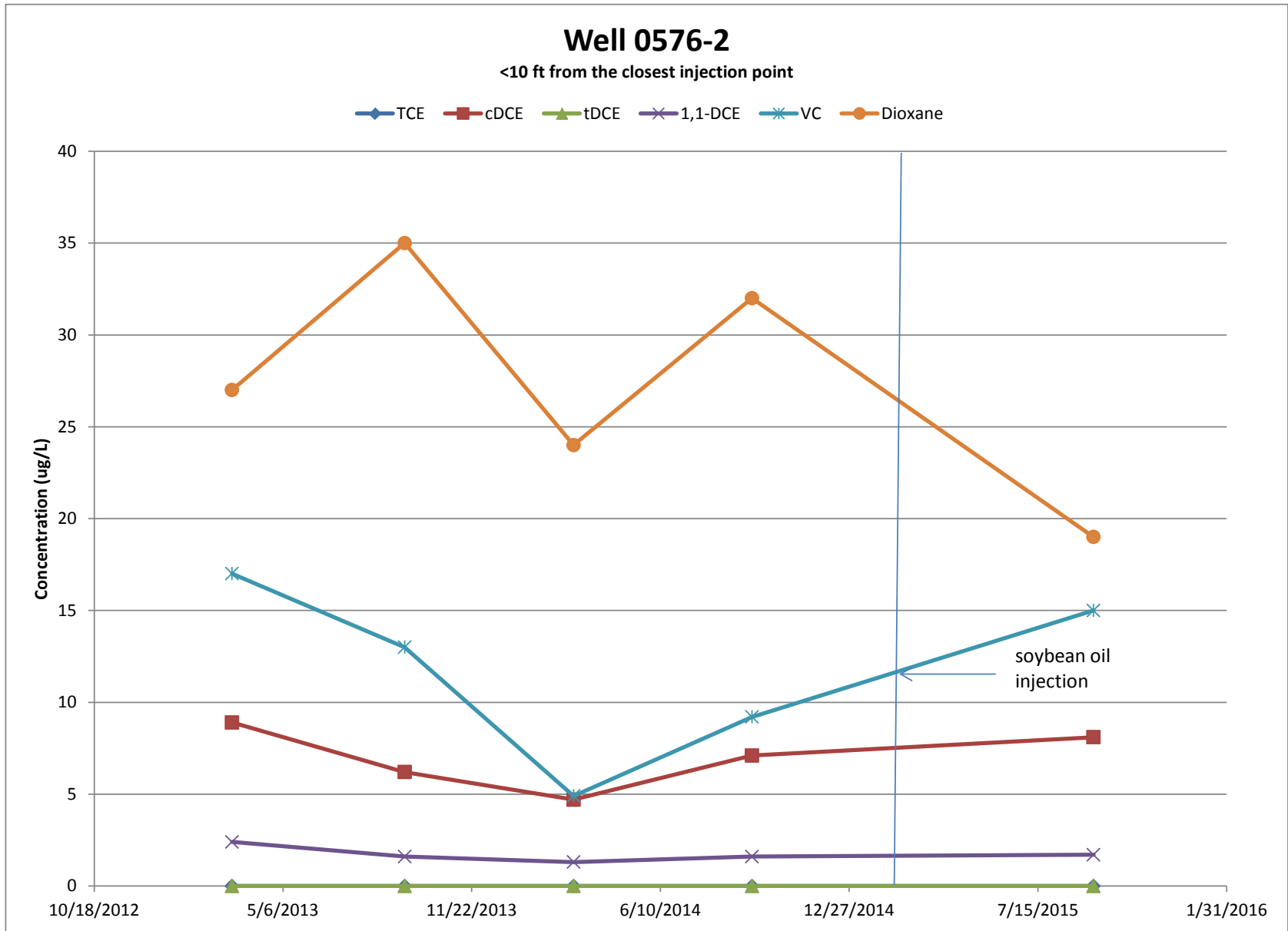


Figure 21. COPC Trends in Well PIN12-0576-2

ORP in Essentra Wells

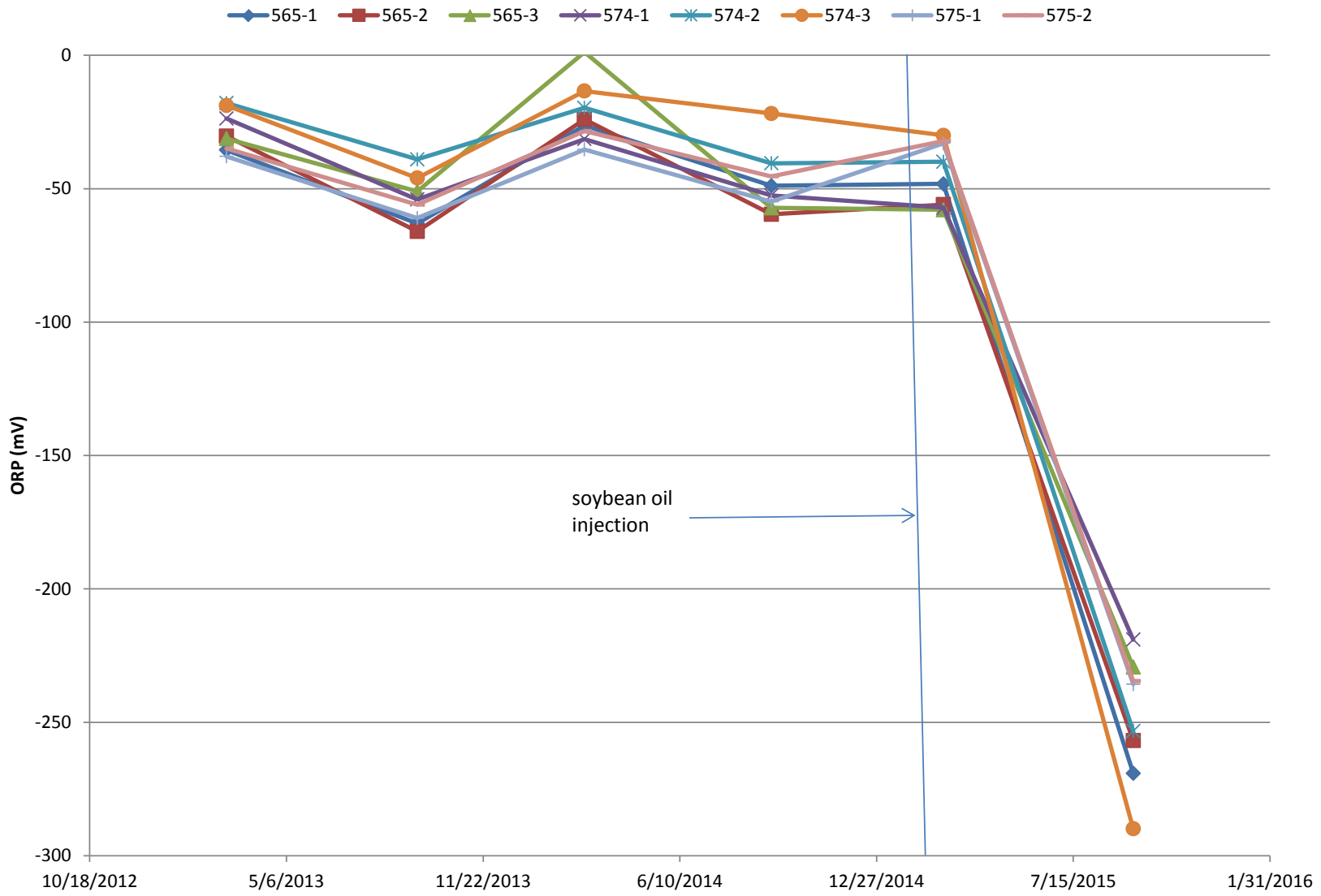


Figure 22. Oxidation-Reduction Potential (ORP) Trends in Wells on the Essentra Property

Table 1. Groundwater-Level Data at the STAR Center, September 2015

Location	Measurement		Water Depth (ft bls)	Groundwater Elevation (ft amsl)
	Date	Time		
PIN02	Sitewide Piezometers			
PZ03	9/10/2015	08:18	2.82	16.88
PZ04	9/10/2015	08:32	1.21	16.99
PZ05	9/10/2015	08:53	1.14	16.96
PZ08	9/10/2015	08:58	2.01	16.39
PZ09	9/10/2015	09:18	2.57	15.43
PZ10	9/10/2015	08:30	4.21	14.67
PZ11	9/10/2015	08:21	4.10	14.78
PIN12	Building 100 Area			
0509	9/10/2015	14:31	2.31	15.73
0524	9/10/2015	13:47	2.67	14.74
0525	9/10/2015	14:44	2.62	14.80
0527	9/10/2015	09:16	10.34	7.73
0528	9/10/2015	09:26	9.91	7.69
0539	9/10/2015	14:42	2.50	14.10
0540	9/10/2015	14:42	2.08	14.02
0541	9/10/2015	14:09	3.77	13.89
0542	9/10/2015	14:14	3.66	14.04
0549	9/10/2015	14:15	3.68	13.98
0550-1	9/10/2015	13:33	1.84	12.86
0550-2	9/10/2015	13:37	1.68	13.02
0550-3	9/10/2015	13:37	1.64	13.06
0551-1	9/10/2015	13:26	2.81	12.59
0551-2	9/10/2015	13:32	2.36	13.04
0551-3	9/10/2015	13:32	2.89	12.51
0555A	9/10/2015	14:16	2.48	15.41
0555B	9/10/2015	14:12	4.94	12.95
0555C	9/10/2015	14:10	5.02	12.87
0561-1	9/10/2015	09:54	2.88	15.34
0561-2	9/10/2015	10:01	2.99	15.23
0561-3	9/10/2015	10:02	2.98	15.24
0562-1	9/10/2015	09:43	4.37	13.89
0562-2	9/10/2015	09:49	4.25	14.01
0562-3	9/10/2015	09:49	4.44	13.82
0564-1	9/10/2015	09:57	2.14	13.36
0564-2	9/10/2015	10:09	2.18	13.32
0564-3	9/10/2015	10:10	2.21	13.29
0565-1	9/10/2015	09:46	2.98	12.72
0565-2	9/10/2015	09:56	3.02	12.68
0565-3	9/10/2015	09:56	3.02	12.68

Table 1 (continued). Groundwater-Level Data at the STAR Center, September 2015

Location	Measurement		Water Depth (ft bls)	Groundwater Elevation (ft amsl)
	Date	Time		
0566-1	9/10/2015	09:11	2.90	12.70
0566-2	9/10/2015	09:20	2.78	12.82
0566-3	9/10/2015	09:21	2.83	12.77
0567-1	9/10/2015	10:41	3.76	14.50
0567-2	9/10/2015	10:46	3.83	14.43
0567-3	9/10/2015	10:47	3.92	14.34
0568-1	9/10/2015	10:33	4.03	14.23
0568-2	9/10/2015	10:40	4.13	14.13
0568-3	9/10/2015	10:40	4.12	14.14
0569-1	9/10/2015	10:20	4.29	13.82
0569-2	9/10/2015	10:32	4.27	13.84
0569-3	9/10/2015	10:33	4.29	13.82
0570-1	9/10/2015	08:41	4.38	13.42
0570-2	9/10/2015	08:51	4.45	13.35
0570-3	9/10/2015	08:52	4.43	13.37
0571-1	9/10/2015	09:06	4.57	13.63
0571-2	9/10/2015	09:08	4.60	13.60
0571-3	9/10/2015	09:10	4.53	13.67
0572-1	9/10/2015	10:11	2.30	13.30
0572-2	9/10/2015	10:20	2.25	13.35
0572-3	9/10/2015	10:15	–	–
0573-1	9/10/2015	09:22	2.28	12.72
0573-2	9/10/2015	09:30	2.29	12.71
0573-3	9/10/2015	09:31	2.26	12.74
0574-1	9/10/2015	09:39	4.59	11.71
0574-2	9/10/2015	09:44	4.57	11.73
0574-3	9/10/2015	09:44	4.45	11.85
0575-1	9/10/2015	09:31	4.15	11.15
0575-2	9/10/2015	09:36	4.15	11.15
0575-3	9/10/2015	09:33	–	–
0576-1	9/10/2015	13:18	4.08	13.42
0576-2	9/10/2015	13:25	3.97	13.53
0576-3	9/10/2015	13:26	3.96	13.54
0577-1	9/10/2015	11:14	4.12	13.78
0577-2	9/10/2015	12:50	4.13	13.77
0577-3	9/10/2015	12:51	4.14	13.76
0578-1	9/10/2015	13:01	3.94	13.86
0578-2	9/10/2015	13:08	3.69	14.11
0578-3	9/10/2015	13:06	3.72	14.08
0579-1	9/10/2015	12:56	3.70	13.70
0579-2	9/10/2015	13:00	3.74	13.66

Table 1 (continued). Groundwater-Level Data at the STAR Center, September 2015

Location	Measurement		Water Depth (ft bls)	Groundwater Elevation (ft amsl)
	Date	Time		
0579-3	9/10/2015	13:01	3.75	13.65
0580-1	9/10/2015	14:05	3.81	14.69
0580-2	9/10/2015	14:08	3.90	14.60
0580-3	9/10/2015	14:08	3.89	14.61
0581-1	9/10/2015	14:15	3.51	13.85
0581-2	9/10/2015	14:19	3.36	14.00
0581-3	9/10/2015	14:19	3.37	13.99
0582-1	9/10/2015	14:17	2.86	13.87
0582-2	9/10/2015	14:41	2.70	14.03
0582-3	9/10/2015	14:41	2.71	14.02
0583-1	9/10/2015	14:26	2.48	14.03
0583-2	9/10/2015	14:29	2.47	14.04
0583-3	9/10/2015	14:30	2.48	14.03
0584-1	9/10/2015	14:14	2.53	15.07
0584-2	9/10/2015	14:29	2.69	14.91
0584-3	9/10/2015	14:30	2.71	14.89
0585-1	9/10/2015	14:04	2.46	15.03
0585-2	9/10/2015	14:12	2.61	14.88
0585-3	9/10/2015	14:13	2.64	14.85
0586-1	9/10/2015	11:03	3.34	14.06
0586-2	9/10/2015	11:11	3.13	14.27
0586-3	9/10/2015	11:12	3.13	14.27
0587-1	9/10/2015	10:55	3.37	14.13
0587-2	9/10/2015	11:02	3.17	14.33
0587-3	9/10/2015	11:02	3.27	14.23
0588-1	9/10/2015	10:42	3.27	14.13
0588-2	9/10/2015	10:54	3.25	14.15
0588-3	9/10/2015	10:54	3.26	14.14
PZ01	9/10/2015	12:51	3.97	13.53
PZ02	9/10/2015	13:08	4.69	14.21
PZ03	9/10/2015	13:12	3.27	13.63
S68B	9/10/2015	10:41	3.06	14.84
S68C	9/10/2015	10:38	3.21	14.69
S68D	9/10/2015	10:13	3.38	14.52
S69B	9/10/2015	13:38	1.70	14.30
S69C	9/10/2015	13:54	1.69	14.31
S69D	9/10/2015	13:59	1.74	14.26
S70B	9/10/2015	14:04	2.02	14.68
S70C	9/10/2015	14:03	2.07	14.63
S70D	9/10/2015	12:57	2.15	14.55
S71B	9/10/2015	14:00	3.74	14.66

Table 1 (continued). Groundwater-Level Data at the STAR Center, September 2015

Location	Measurement		Water Depth (ft bls)	Groundwater Elevation (ft amsl)
	Date	Time		
S71C	9/10/2015	14:03	3.78	14.62
S71D	9/10/2015	14:04	3.76	14.64
S73B	9/10/2015	14:25	2.84	14.16
S73C	9/10/2015	14:24	2.98	14.02
S73D	9/10/2015	14:23	2.97	14.03
PIN21				
0502	9/10/2015	14:30	1.48	13.72
0503	9/10/2015	14:34	1.53	13.67
0504	9/10/2015	11:13	3.27	14.33
0505	9/10/2015	11:18	3.03	14.37
PIN15 Northeast Site				
0506	9/10/2015	11:02	2.65	14.35
0507	9/10/2015	11:11	2.42	14.58
0513	9/10/2015	10:58	9.85	7.75
0520	9/10/2015	11:12	2.38	14.72
0530	9/10/2015	09:55	1.02	16.38
0534	9/10/2015	12:54	1.95	15.15
0535	9/10/2015	10:01	1.14	16.46
0537	9/10/2015	09:45	1.27	17.33
0568	9/10/2015	09:18	3.03	15.47
0569	9/10/2015	09:33	2.95	15.43
0573	9/10/2015	10:42	1.61	16.77
0574	9/10/2015	10:45	1.47	16.95
0594	9/10/2015	10:33	2.69	15.81
0595	9/10/2015	10:54	1.27	17.33
M16D	9/10/2015	09:52	0.68	17.52
M16S	9/10/2015	09:51	0.21	17.99
M24D	9/10/2015	10:48	0.71	17.09
M33D	9/10/2015	10:55	0.06	17.54
PIN18 WWNA				
0503	9/10/2015	09:07	1.43	16.25
0507	9/11/2015	07:22	1.77	15.96
0526	9/10/2015	07:52	0.65	17.95

Abbreviations:

ft amsl = feet above mean sea level

ft bls = feet below land surface

– = not measured

Table 2. Surface Water Elevations, September 2015

Location	Measurement		Surface Water Elevation (ft amsl)
	Date	Time	
PIN01	Pond 5		
P501	9/10/2015	09:01	14.34
P502	9/10/2015	08:51	14.40
PIN02	West Pond		
W005	9/10/2015	08:48	14.36
PIN12	Belcher Road Pond		
BR01	9/10/2015	11:21	13.31
PIN15	East Pond		
E001	9/10/2015	08:21	14.36
PIN23	Southwest Pond		
SW01	9/10/2015	09:32	14.34
PIN37	South Pond		
S001	9/10/2015	09:50	14.32
S002	9/10/2015	13:19	14.36

Abbreviations:

ft amsl = feet above mean sea level

Table 3. Field Measurements of Samples Collected at the STAR Center, September 2015

Location	Screen Depth (ft bls)	Temperature (°C)	Specific Conductance (µmho/cm) ^a	Turbidity (NTU)	pH	Oxidation Reduction Potential (mV)	Dissolved Oxygen (mg/L)
PIN12							
0524	27–37	27.9	1,260	5	6.55	-12	0.6
0525	12–22	28.1	679	2	6.72	-59	0.6
0539	9.5–19.5	30.5	856	11	6.54	-75	0.6
0540	20–30	–	–	17	–	–	–
0541	10–20	30.2	781	8	6.48	-45	1.2
0542	20–30	28.7	789	1	6.56	-54	0.7
0549	30–40	28.4	1,266	11	6.60	-50	0.9
0551-1	9–18	29.0	1,265	13	6.96	-45	0.4
0551-2	20–29	27.8	1,108	11	6.92	-57	0.3
0555A	2.5–12.5	28.2	497	5	6.36	-58	0.8
0555B	13–23	27.3	431	2	6.77	-39	0.7
0555C	23–33	27.0	539	12	6.71	-54	0.6
0561-1	9–18	27.9	474	16	7.02	-78	1.0
0561-2	20–29	27.2	549	2	6.85	-123	0.8
0561-3	31–40	26.9	1,219	1	6.73	-156	0.6
0565-1	9–18	29.5	1,165	1	6.62	-269	0.3
0565-2	20–29	29.0	1,231	1	6.59	-257	0.3
0565-3	31–40	28.8	1,453	1	6.59	-229	0.3
0568-1	9–18	28.3	1,710	1	6.97	-77	0.4
0568-2	20–29	27.3	1,387	1	6.83	-85	0.4
0568-3	31–40	26.9	1,736	2	6.97	-120	0.3
0569-1	9–18	29.4	1,932	1	6.94	-85	1.3
0569-2	20–29	28.2	948	6	6.91	-62	0.6
0569-3	31–40	28.5	1,185	1	6.98	-44	0.3
0570-1	9–18	27.9	1,907	1	7.02	-73	0.9
0570-2	20–29	27.7	1,651	2	6.95	-70	0.5
0570-3	31–40	28.3	1,259	2	6.93	-51	0.4
0572-1	9–18	–	–	7	–	–	–
0572-2	20–29	–	–	31	–	–	–
0573-1	9–18	30.7	1,714	7	6.94	-85	0.3
0573-2	20–29	30.2	1,270	1	6.93	-75	0.3
0573-3	31–40	29.5	1,506	1	6.98	-60	0.3
0574-1	9–18	29.4	1,253	4	6.60	-219	0.5
0574-2	20–29	29.0	1,301	3	6.58	-253	0.3
0574-3	31–40	28.4	1,621	1	6.61	-290	0.3
0575-1	9–18	28.5	1,334	4	6.68	-236	1.0
0575-2	20–29	29.2	1,473	2	6.58	-235	0.6

Table 3 (continued). Field Measurements of Samples Collected at the STAR Center, September 2015

Location	Screen Depth (ft bls)	Temperature (°C)	Specific Conductance (µmho/cm) ^a	Turbidity (NTU)	pH	Oxidation Reduction Potential (mV)	Dissolved Oxygen (mg/L)
0576-1	4-13	-	-	14	-	-	-
0576-2	15-24	-	-	4	-	-	-
0576-3	26-35	-	-	9	-	-	-
0577-1	4-13	29.5	1,915	6	6.46	-72	0.8
0577-2	15-24	28.4	1,038	2	6.41	-89	0.6
0577-3	26-35	28.1	1,366	2	6.60	-113	0.4
0578-1	4-13	29.4	380	4	6.46	25	0.7
0578-2	15-24	28.6	865	2	6.41	-13	0.6
0578-3	26-35	28.4	1,105	1	6.48	14	0.5
0579-1	4-13	27.4	3,929	2	6.03	-179	0.6
0579-2	15-24	27.0	1,099	2	6.48	-136	0.6
0579-3	26-35	26.6	1,574	6	6.68	-143	0.5
0580-1	9-18	30.3	600	3	6.72	-125	0.5
0580-2	20-29	29.7	1,150	2	6.65	-112	0.4
0580-3	31-40	29.7	1,482	2	6.68	-101	0.4
0581-1	9-18	32.0	1,388	1	6.50	-99	0.5
0581-2	20-29	-	-	7	-	-	-
0581-3	31-40	31.3	1,460	4	6.67	-142	0.4
0582-1	9-18	31.6	1,881	2	6.44	-67	0.9
0582-2	20-29	31.3	1,245	2	6.40	-57	0.7
0582-3	31-40	31.3	1,460	6	6.47	-50	0.6
0583-1	9-18	34.7	896	6	6.33	-34	1.1
0583-2	20-29	32.8	1,617	1	6.44	-65	0.7
0583-3	31-40	32.2	1,577	4	6.49	-43	0.8
0584-1	9-18	28.9	573	2	6.93	-126	0.5
0584-2	20-29	28.3	1,059	3	6.68	-114	0.4
0584-3	31-40	28.7	1,497	14	6.59	-93	0.4
0585-1	9-18	30.1	710	8	6.71	-55	0.9
0585-2	20-29	30.0	972	3	6.40	-67	0.5
0585-3	31-40	31.8	1,599	10	6.33	-107	1.7
0586-1	8-17	27.5	591	5	6.90	-62	0.9
0586-2	19-28	27.1	709	4	6.72	-60	0.7
0586-3	30-39	27.3	1,339	1	6.74	-63	0.7
0587-1	9-18	27.2	979	6	6.56	-66	0.9
0587-2	20-29	-	-	15	-	-	-
0587-3	31-40	26.3	1,446	5	6.42	-60	1.4
0588-1	9-18	26.5	806	2	6.83	-148	1.2
0588-2	20-29	25.5	863	1	6.73	-223	0.8
0588-3	31-40	25.5	1,245	2	6.75	-255	0.9

Table 3 (continued). Field Measurements of Samples Collected at the STAR Center, September 2015

Location	Screen Depth (ft bls)	Temperature (°C)	Specific Conductance (µmho/cm) ^a	Turbidity (NTU)	pH	Oxidation Reduction Potential (mV)	Dissolved Oxygen (mg/L)
S68B	10–20	28.5	754	10	6.71	-71	0.5
S68C	18–28	27.0	1,035	8	6.58	-40	0.6
S68D	30–40	28.2	1,375	388	6.58	-42	0.5
S69B	10–20	28.5	651	16	6.93	-32	0.3
S69C	20–30	28.3	760	7	6.74	-26	0.4
S69D	30–40	29.0	1,614	27	6.72	-80	0.4
S70B	10–20	29.1	786	19	6.83	-105	0.3
S70C	20–30	28.6	1,333	26	6.60	-93	0.3
S70D	30–40	28.4	1,475	16	6.64	-56	1.2
S71B	10–20	29.9	649	6	6.66	-62	0.7
S71C	20–30	29.4	1,259	20	6.54	-48	0.8
S71D	30–40	29.2	1,476	10	6.56	-47	0.8
S73B	10–20	–	–	30	–	–	–
S73C	20–30	30.9	1,561	14	6.50	-83	0.6
S73D	30–40	–	–	18	–	–	–

Notes:

^a Temperature corrected to 25 °C.

Abbreviations:

ft bls = feet below land surface
 µmho/cm = micromhos per centimeter
 mg/L = milligrams per liter
 mV = millivolts
 NTU = nephelometric turbidity units
 – = not measured

Table 4. Relative Percent Difference for Duplicate Samples, September 2015 (reported in µg/L)

Sample ID	Duplicate ID	Analyte	Result	Duplicate Result	MDL	RPD
PIN12-0581-2	PIN12-2451	1,1-Dichloroethane	17	18	0.22	5.7
		1,4-Dioxane	34	42	0.88	21.1
		<i>cis</i> -1,2-Dichloroethene	6.3	6.3	0.15	0.0
		<i>trans</i> -1,2-Dichloroethene	0.84	0.77	0.15	8.7
		Vinyl chloride	22	22	0.10	0.0
PIN12-0585-2	PIN12-2452	1,1-Dichloroethene	150	150	4.6	0.0
		1,4-Dioxane	5.9	7.3	0.22	21.2
		<i>cis</i> -1,2-Dichloroethene	3,600	3,600	30	0.0
		<i>trans</i> -1,2-Dichloroethene	44	46	3.0	4.4
		Trichloroethene	30	30	3.2	0.0
		Vinyl chloride	4,800	4,800	20	0.0
PIN12-0585-3	PIN12-2453	1,4-Dioxane	2.4	3.4	0.22	34.5
		<i>cis</i> -1,2-Dichloroethene	19	18	0.30	5.4
		<i>trans</i> -1,2-Dichloroethene	5.7	5.8	0.30	1.7
		Vinyl chloride	510	320	2.0	45.8
PIN12-0587-2	PIN12-2454	1,1-Dichloroethene	15	15	0.23	0.0
		<i>cis</i> -1,2-Dichloroethene	100	140	1.5	33.3
		<i>trans</i> -1,2-Dichloroethene	23	23	0.15	0.0
		Trichloroethene	10	11	0.16	9.5
		Vinyl chloride	360	340	1.0	5.7

Abbreviations:

MDL = method detection limit

µg/L = micrograms per liter

Table 5. COPCs Concentrations at the Building 100 Area Since March 2013 (µg/L)^a

Location	Screen Depth (ft bis)	Date Sampled	TCE	cDCE	tDCE	1,1-DCE	VC	1,4-Dioxane	TCOPCs ^b
Cleanup Target Level^c			30	700	1,000	70	10	32	
PIN12									
0524	27–37	3/9/2013	<0.32	570	7.1	16	600	<0.88	1,193.1
		9/14/2013	<0.64	640	6.7	18	420	1.4J	1,086.1
		3/8/2014	<0.32	650	5.9	13	450	0.92J	1,119.82
		9/13/2014	<0.32	500J	4.4J	9.8J	370J	1.6	885.8
		3/7/2015	<0.32	370	2.8	7	340	<0.44	719.8
		9/12/2015	<0.16	260	1.7	4.2	260	1.4	527.3
0525	12–22	3/9/2013	<0.16	1.3	<0.15	<0.23	<0.1	<0.44	1.3
		9/14/2013	<0.16	1.3	<0.15	<0.23	<0.1	1.9J	3.2
		3/8/2014	<0.16	1.1	<0.15	<0.23	<0.1	2J	3.1
		9/13/2014	<0.16	1.1J	<0.15	<0.23	<0.1	3	4.1
		3/7/2015	<0.16	1.3	<0.15	<0.23	0.13J	4	5.43
		9/12/2015	<0.16	1.1	<0.15	<0.23	0.12J	3.4	4.62
0539	9.5–19.5	3/8/2013	<0.16	1.6	1.3	<0.23	53	38	93.9
		9/17/2013	<0.16	1.1	0.72J	<0.23	6.7	1.8	10.32
		3/11/2014	<0.16	0.26J	0.29J	<0.23	2.3	<1.2B	2.85
		9/16/2014	<0.16	<0.15	0.16J	<0.23	<0.1	<0.22	0.16
		3/9/2015	<0.16	0.29J	0.52J	<0.23	15	10	25.81
		9/15/2015	<0.16	0.16J	0.35J	<0.23	3.2	2.5	6.21
0540	20–30	3/8/2013	<0.16	12	6.8	<0.23	230	170J	418.8
		9/17/2013	<0.32	21	14	0.53J	300	260	595.53
		3/11/2014	<0.16	30J	13J	0.44J	270J	200BJ	513.44
		9/16/2014	<0.16	18	11	0.41J	260	190	479.41
		3/9/2015	<0.16	25	13	0.37J	250	190	478.37
		9/15/2015	<0.16	<0.15	7.7	<0.23	28	150	185.7
0541	10–20	3/8/2013	<0.16	0.2J	<0.15	<0.23	<0.1	<0.22	0.2
		9/16/2013	<0.16	0.32J	<0.15	<0.23	<0.1	1.1	1.42
		3/7/2014	<0.16	0.21J	<0.15	<0.23	<0.1	1.4J	1.61
		9/15/2014	<0.16	<0.15	<0.15	<0.23	<0.1	0.67J	0.67
		3/9/2015	<0.16	0.31J	<0.15	<0.23	<0.1	2.2	2.51
		9/15/2015	<0.16	0.37J	<0.15	<0.23	<0.1	1.5	1.87
0542	20–30	3/8/2013	<0.64	<0.6	<0.6	<0.92	<0.4	<0.44	ND
		9/16/2013	<0.16	0.62J	<0.15	<0.23	<0.1	2.5	3.12
		3/7/2014	<0.16	0.31J	<0.15	<0.23	<0.1	1.7J	2.01
		9/15/2014	<0.16	0.32J	<0.15	<0.23	<0.1	1.7	2.02
		3/9/2015	<0.16	0.44J	<0.15	<0.23	<0.1	2.6	3.04
		9/16/2015	<0.16	0.82J	<0.15	<0.23	<0.1	2.9	3.72

Table 5 (continued). COPCs Concentrations at the Building 100 Area Since March 2013 ($\mu\text{g/L}$)^a

Location	Screen Depth (ft bls)	Date Sampled	TCE	cDCE	tDCE	1,1-DCE	VC	1,4-Dioxane	TCOPCs ^b
Cleanup Target Level^c			30	700	1,000	70	10	32	
0549	30–40	3/8/2013	<0.16	0.17J	<0.15	<0.23	<0.1	<0.44	0.17
		9/16/2013	<0.16	0.23J	<0.15	<0.23	<0.1	2.1	2.33
		3/7/2014	<0.16	0.26J	<0.15	<0.23	<0.1	3.5J	3.76
		9/15/2014	<0.16	0.27J	<0.15	<0.23	<0.1	4.7	4.97
		3/9/2015	<0.16	0.28J	<0.15	<0.23	<0.1	3.2	3.48
		9/16/2015	<0.16	0.31J	<0.15	<0.23	<0.1	3.2	3.51
0551-1 ^d	9–18	3/13/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.44	ND
		9/11/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/11/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		9/15/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/11/2015	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
0551-2	20–29	3/13/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.44	ND
		9/11/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/11/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		9/18/2014	<0.16	<0.15	<0.15	<0.23	<0.1	1.9	1.9
		3/11/2015	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		9/15/2015	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
0554A ^d	3–13	3/8/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		9/13/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/6/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		9/12/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/6/2015	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
0554B ^d	13–23	3/8/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.44	ND
		9/13/2013	<0.16	2.5	0.39J	0.27J	6.4	7.8	17.36
		3/6/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		9/12/2014	<0.16	0.35J	<0.15	<0.23	<0.1	1.8	2.15
		3/6/2015	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
0554C ^d	23–33	3/8/2013	<0.16	16	5.5	1	88	76	186.5
		9/13/2013	<0.16	17	7.1	1	69	73J	167.1
		3/7/2014	<0.16	19	6.6	0.81J	84	87	197.41
		9/15/2014	<0.16	15	4.8	0.67J	51	49	120.47
		3/6/2015	<0.16	16	4.7	0.59J	54	67	142.29
0555A	2.5–12.5	3/7/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		9/12/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/6/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		9/12/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/6/2015	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		9/16/2015	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND

Table 5 (continued). COPCs Concentrations at the Building 100 Area Since March 2013 (µg/L)^a

Location	Screen Depth (ft bls)	Date Sampled	TCE	cDCE	tDCE	1,1-DCE	VC	1,4-Dioxane	TCOPCs ^b
Cleanup Target Level^c			30	700	1,000	70	10	32	
0555B	13–23	3/7/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		9/12/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/6/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		9/12/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/6/2015	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		9/16/2015	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
0555C	23–33	3/7/2013	<0.16	1.1	0.43J	<0.23	<0.1	<0.22	1.53
		9/13/2013	<0.16	1.2	0.55J	<0.23	<0.1	<0.22	1.75
		3/6/2014	<0.16	1	0.44J	<0.23	<0.1	0.35J	1.79
		9/12/2014	<0.16	1	0.37J	<0.23	<0.1	<0.22	1.37
		3/6/2015	<0.16	0.96J	0.32J	<0.23	<0.1	<0.22	1.28
		9/16/2015	<0.16	1	0.34J	<0.23	<0.1	0.27J	1.61
0561-1	9–18	4/4/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		9/14/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/8/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		9/13/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/7/2015	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		9/12/2015	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
0561-2	20–29	4/4/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.44	ND
		9/14/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/8/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		9/13/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/7/2015	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		9/12/2015	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
0561-3	31–40	4/4/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.44	ND
		9/14/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/8/2014	<0.16	<0.15	<0.15	<0.23	<0.1	0.83J	0.83
		9/13/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/7/2015	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		9/12/2015	<0.16	<0.15	<0.15	<0.23	<0.1	0.6J	0.6
0565-1	9–18	3/6/2013	<0.64	<0.6	<0.6	<0.92	<0.4	<0.22	ND
		9/16/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/5/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		9/11/2014	<0.16	0.18J	<0.15	<0.23	<0.1	<0.22	0.18
		3/5/2015	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		9/14/2015	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND

Table 5 (continued). COPCs Concentrations at the Building 100 Area Since March 2013 ($\mu\text{g/L}$)^a

Location	Screen Depth (ft bls)	Date Sampled	TCE	cDCE	tDCE	1,1-DCE	VC	1,4-Dioxane	TCOPCs ^b
Cleanup Target Level^c			30	700	1,000	70	10	32	
0565-2	20–29	3/6/2013	<0.64	<0.6	<0.6	<0.92	<0.4	<0.22	ND
		9/16/2013	<0.16	0.37J	<0.15	<0.23	0.2J	<0.22	0.57
		3/5/2014	<0.16	0.37J	<0.15	<0.23	0.21J	<0.22	0.58
		9/11/2014	<0.16	0.57J	<0.15	<0.23	0.38J	0.51J	1.46
		3/5/2015	<0.16	0.32J	<0.15	<0.23	0.16J	<0.22	0.48
		9/14/2015	<0.16	0.38J	<0.15	<0.23	<0.1	1.7	2.08
0565-3	31–40	3/6/2013	<0.64	<0.6	<0.6	<0.92	<0.4	<0.22	ND
		9/16/2013	<0.16	0.4J	<0.15	<0.23	<0.1	<0.22	0.4
		3/5/2014	<0.16	0.46J	<0.15	<0.23	0.17J	<0.22	0.63
		9/11/2014	<0.16	0.62J	0.2J	<0.23	<0.1	0.25J	1.07
		3/5/2015	<0.16	0.5J	0.18J	<0.23	0.19J	<0.22	0.87
		9/14/2015	<0.16	0.49J	0.16J	<0.23	<0.1	0.42J	1.07
0568-1	9–18	3/11/2013	<0.64	<0.6	<0.6	<0.92	<0.4	<0.44	ND
		9/13/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/7/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		9/16/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/9/2015	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		9/15/2015	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
0568-2	20–29	3/11/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.44	ND
		9/13/2013	<0.16	<0.15	<0.15	<0.23	<0.1	1.4	1.4
		3/7/2014	<0.16	<0.15	<0.15	<0.23	<0.1	1.4J	1.4
		9/16/2014	<0.16	<0.15	<0.15	<0.23	<0.1	1.5	1.5
		3/9/2015	<0.16	<0.15	<0.15	<0.23	<0.1	1.5	1.5
		9/15/2015	<0.16	<0.15	<0.15	<0.23	<0.1	1.2	1.2
0568-3	31–40	3/11/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.44	ND
		9/13/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/7/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		9/16/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/9/2015	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		9/15/2015	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
0569-1	9–18	3/8/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.44	ND
		9/13/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/10/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		9/16/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/9/2015	<0.16	<0.15	<0.15	<0.23	0.14J	<0.22	0.14
		9/15/2015	<0.16	<0.15	<0.15	<0.23	<0.1	0.52J	0.52

Table 5 (continued). COPCs Concentrations at the Building 100 Area Since March 2013 ($\mu\text{g/L}$)^a

Location	Screen Depth (ft bls)	Date Sampled	TCE	cDCE	tDCE	1,1-DCE	VC	1,4-Dioxane	TCOPCs ^b
Cleanup Target Level^c			30	700	1,000	70	10	32	
0569-2	20–29	3/8/2013	<0.64	2.2J	<0.6	<0.92	<0.4	1.6J	3.8
		9/13/2013	<0.16	1.1	<0.15	<0.23	5.9	1.8	8.8
		3/10/2014	<0.16	0.83J	<0.15	<0.23	5	1.7	7.53
		9/16/2014	<0.16	1.1	<0.15	<0.23	5.2	1.8	8.1
		3/9/2015	<0.16	0.79J	<0.15	<0.23	4.1	1.9	6.79
		9/15/2015	<0.16	1	<0.15	<0.23	4.2	1.5	6.7
0569-3	31–40	3/8/2013	<0.64	54	<0.6	2.5J	37	1.3J	94.8
		9/13/2013	<0.16	39	0.54J	1.4	35	<0.22	75.94
		3/10/2014	<0.16	41	0.6J	1.6	37	2	82.2
		9/16/2014	<0.16	28	0.37J	1	37	1.8	68.17
		3/9/2015	<0.16	18	0.25J	0.65J	27	1.8	47.7
		9/15/2015	<0.16	21	0.38J	0.93J	33	1.8	57.11
0570-1	9–18	3/8/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.44	ND
		9/13/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/7/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		9/17/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/9/2015	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		9/15/2015	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
0570-2	20–29	3/11/2013	<0.16	<0.15	<0.15	<0.23	0.55J	<0.44	0.55
		9/13/2013	<0.16	<0.15	<0.15	<0.23	0.56J	1J	1.56
		3/7/2014	<0.16	<0.15	<0.15	<0.23	0.4J	0.88J	1.28
		9/17/2014	<0.16	<0.15	<0.15	<0.23	<0.1	2.4	2.4
		3/9/2015	<0.16	<0.15	<0.15	<0.23	0.66J	1.4	2.06
		9/15/2015	<0.16	<0.15	<0.15	<0.23	0.71J	1.2	1.91
0570-3	31–40	3/13/2013	<0.16	<0.15	<0.15	<0.23	3.4	<0.44	3.4
		9/13/2013	<0.16	<0.15	<0.15	<0.23	3.7	1.7J	5.4
		3/7/2014	<0.16	<0.15	<0.15	<0.23	3.6	1.7J	5.3
		9/17/2014	<0.16	<0.15	<0.15	<0.23	2.2	3	5.2
		3/9/2015	<0.16	<0.15	<0.15	<0.23	3.6	2.2	5.8
		9/15/2015	<0.16	0.19J	<0.15	<0.23	3.5	1.6	5.29
0572-1	9–18	3/11/2013	<0.64	<0.6	<0.6	<0.92	<0.4	<0.44	ND
		9/12/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/7/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		9/16/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/10/2015	<0.16	<0.15	<0.15	<0.23	<0.1	0.45J	0.45
		9/15/2015	<0.16	0.18J	<0.15	<0.23	<0.1	<0.22	0.18

Table 5 (continued). COPCs Concentrations at the Building 100 Area Since March 2013 ($\mu\text{g/L}$)^a

Location	Screen Depth (ft bls)	Date Sampled	TCE	cDCE	tDCE	1,1-DCE	VC	1,4-Dioxane	TCOPCs ^b
Cleanup Target Level^c			30	700	1,000	70	10	32	
0572-2	20–29	3/11/2013	<0.8	200	1.7J	10	42	<0.44	253.7
		9/12/2013	<0.16	210	1.8	11J	59J	1.2	283
		3/7/2014	<0.16	210	1.8	8.6	35	1.1J	256.5
		9/16/2014	<0.16	120	1.2	5.1	30	1.1	157.4
		9/15/2015	<0.16	0.62J	<0.15	<0.23	28	5.6	34.22
0573-1	9–18	3/6/2013	<0.64	<0.6	<0.6	<0.92	<0.4	<0.22	ND
		9/16/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/5/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		9/11/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/5/2015	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
9/15/2015	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND		
0573-2	20–29	3/6/2013	<0.64	<0.6	<0.6	<0.92	<0.4	<0.22	ND
		9/16/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/5/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		9/11/2014	<0.16	<0.15	<0.15	<0.23	<0.1	0.25J	0.25
		3/5/2015	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
9/15/2015	<0.16	<0.15	<0.15	<0.23	<0.1	0.5J	0.5		
0573-3	31–40	3/6/2013	<0.64	<0.6	<0.6	<0.92	<0.4	<0.22	ND
		9/16/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/5/2014	<0.16	<0.15	<0.15	<0.23	<0.1	0.35J	0.35
		9/11/2014	<0.16	<0.15	<0.15	<0.23	<0.1	0.22J	0.22
		3/5/2015	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
9/15/2015	<0.16	<0.15	<0.15	<0.23	<0.1	0.55J	0.55		
0574-1	9–18	3/11/2013	<0.64	7.3	<0.6	<0.92	12	<0.44	19.3
		9/17/2013	<0.16	5.9	<0.15	<0.23	14	1.3	21.2
		3/5/2014	<0.16	7.2	<0.15	<0.23	12	1.4	20.6
		9/11/2014	<0.16	11	0.15J	<0.23	14	1.2	26.35
		3/5/2015	<0.16	11	0.15J	<0.23	11	1.8	23.95
9/14/2015	<0.16	21	0.26J	0.31J	22	1.1	44.67		
0574-2	20–29	3/11/2013	<0.16	17	0.28J	<0.23	18	<0.44	35.28
		9/17/2013	<0.16	13	0.2J	<0.23	26	<0.22	39.2
		3/5/2014	<0.16	14	0.22J	<0.23	20	1.2	35.42
		9/11/2014	<0.16	22	0.31J	0.47J	23	1.4	47.18
		3/5/2015	<0.16	30	0.42J	1	18	1.8	51.22
9/14/2015	<0.16	77	1.2	4.9	46	1.5	130.6		

Table 5 (continued). COPCs Concentrations at the Building 100 Area Since March 2013 ($\mu\text{g/L}$)^a

Location	Screen Depth (ft bls)	Date Sampled	TCE	cDCE	tDCE	1,1-DCE	VC	1,4-Dioxane	TCOPCs ^b
Cleanup Target Level^c			30	700	1,000	70	10	32	
0574-3	31–40	3/11/2013	<0.16	0.59J	<0.15	<0.23	1	<0.44	1.59
		9/17/2013	<0.16	5.4	<0.15	<0.23	14	0.97J	20.37
		3/5/2014	<0.16	0.41J	<0.15	<0.23	1	<0.22	1.41
		9/11/2014	<0.16	0.2J	<0.15	<0.23	0.7J	<0.22	0.9
		3/5/2015	<0.16	0.23J	<0.15	<0.23	0.71J	<0.22	0.94
		9/14/2015	<0.16	0.27J	<0.15	<0.23	2.1	0.49J	2.86
0575-1	9–18	3/6/2013	<0.64	<0.6	<0.6	<0.92	<0.4	1.9	1.9
		9/16/2013	<0.16	<0.15	<0.15	<0.23	<0.1	1.5	1.5
		3/5/2014	<0.16	<0.15	<0.15	<0.23	<0.1	1.8	1.8
		9/11/2014	<0.16	<0.15	<0.15	<0.23	<0.1	1.4	1.4
		3/10/2015	<0.16	<0.15	<0.15	<0.23	<0.1	2.4	2.4
		9/14/2015	<0.16	<0.15	<0.15	<0.23	<0.1	1.3	1.3
0575-2	20–29	3/6/2013	<0.64	<0.6	<0.6	<0.92	<0.4	<0.22	ND
		9/16/2013	<0.16	<0.15	<0.15	<0.23	0.89J	<0.22	0.89
		3/5/2014	<0.16	<0.15	<0.15	<0.23	1.2	0.67J	1.87
		9/11/2014	<0.16	<0.15	<0.15	<0.23	1.2	0.75J	1.95
		3/10/2015	<0.16	<0.15	<0.15	<0.23	1.3	<0.22	1.3
		9/14/2015	<0.16	0.16J	<0.15	<0.23	1.6	<0.22	1.76
0576-1	4–13	3/13/2013	<0.16	7.4	0.17J	2	15	36	60.57
		9/12/2013	<0.16	5.3	<0.15	1.4	12	33	51.7
		3/10/2014	<0.16	4.4	<0.15	1.1	4.9	22J	32.4
		9/15/2014	<0.16	6.4	0.25J	2	9.5	33	51.15
		3/11/2015	<0.16	4.9	0.16J	1.1	8	36	50.16
		9/12/2015	<0.16	4.1	0.16J	0.54J	6.7	64B	75.5
0576-2	15–24	3/13/2013	<0.16	8.9	0.21J	2.4	17	27J	55.51
		9/12/2013	<0.16	6.2	<0.15	1.6	13	35	55.8
		3/10/2014	<0.16	4.7	<0.15	1.3	4.9	24J	34.9
		9/15/2014	<0.16	7.1	0.28J	1.6	9.2	32	50.18
		9/12/2015	<0.16	8.1	0.4J	1.7	15	19B	44.2
0576-3	26–35	3/13/2013	<0.16	0.46J	<0.15	<0.23	1.2	<0.88	1.66
		9/12/2013	<0.16	0.23J	<0.15	<0.23	0.67J	<0.22	0.9
		3/11/2014	<0.16	0.35J	<0.15	<0.23	0.68J	<0.22	1.03
		9/15/2014	<0.16	0.54J	<0.15	<0.23	0.93J	<0.22	1.47
		3/11/2015	<0.16	0.34J	<0.15	<0.23	0.62J	<0.22	0.96
		9/12/2015	<0.16	0.22J	<0.15	<0.23	0.5J	<0.22	0.72

Table 5 (continued). COPCs Concentrations at the Building 100 Area Since March 2013 ($\mu\text{g/L}$)^a

Location	Screen Depth (ft bls)	Date Sampled	TCE	cDCE	tDCE	1,1-DCE	VC	1,4-Dioxane	TCOPCs ^b
Cleanup Target Level^c			30	700	1,000	70	10	32	
0577-1	4-13	3/12/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.44	ND
		9/11/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/11/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.8JB	ND
		9/15/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/11/2015	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		9/12/2015	<0.16	<0.15	<0.15	<0.23	<0.1	NM ^d	ND
0577-2	15-24	3/12/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.44	ND
		9/11/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/11/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.66JB	ND
		9/15/2014	0.49J	<0.15	<0.15	<0.23	<0.1	<0.22	0.49
		3/11/2015	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		9/12/2015	<0.16	<0.15	<0.15	<0.23	<0.1	0.39JB	0.39
0577-3	26-35	3/12/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.44	ND
		9/11/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/11/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.61JB	ND
		9/15/2014	0.42J	<0.15	<0.15	<0.23	<0.1	<0.22	0.42
		3/11/2015	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		9/12/2015	<0.16	<0.15	<0.15	<0.23	<0.1	0.44JB	0.44
0578-1	4-13	3/13/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.44	ND
		9/12/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/11/2014	<0.16	<0.15	<0.15	<0.23	<0.1	0.3JHJ	0.3
		9/16/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/10/2015	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		9/16/2015	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
0578-2	15-24	3/13/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.44	ND
		9/12/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/11/2014	<0.16	<0.15	<0.15	<0.23	<0.1	1.6B	1.6
		9/16/2014	<0.16	<0.15	<0.15	<0.23	<0.1	0.35J	0.35
		3/10/2015	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		9/16/2015	<0.16	<0.15	<0.15	<0.23	<0.1	0.6J	0.6
0578-3	26-35	3/13/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.44	ND
		9/12/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/11/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.43JB	ND
		9/16/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/10/2015	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		9/16/2015	<0.16	<0.15	<0.15	<0.23	<0.1	0.46J	0.46

Table 5 (continued). COPCs Concentrations at the Building 100 Area Since March 2013 ($\mu\text{g/L}$)^a

Location	Screen Depth (ft bls)	Date Sampled	TCE	cDCE	tDCE	1,1-DCE	VC	1,4-Dioxane	TCOPCs ^b
Cleanup Target Level^c			30	700	1,000	70	10	32	
0579-1	4-13	3/12/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.44	ND
		9/11/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/10/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		9/15/2014	0.29J	<0.15	<0.15	<0.23	<0.1	<0.22	0.29
		3/10/2015	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		9/12/2015	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
0579-2	15-24	3/12/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.44	ND
		9/11/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/10/2014	<0.16	<0.15	<0.15	<0.23	<0.1	0.26J	0.26
		9/15/2014	0.27J	<0.15	<0.15	<0.23	<0.1	<0.22	0.27
		3/10/2015	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		9/12/2015	<0.16	<0.15	<0.15	<0.23	<0.1	0.54JB	0.54
0579-3	26-35	3/12/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.44	ND
		9/11/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/10/2014	<0.64	<0.6	<0.6	<0.92	<0.4	<0.22	ND
		9/15/2014	0.25J	<0.15	<0.15	<0.23	<0.1	<0.22	0.25
		3/10/2015	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		9/12/2015	<0.16	<0.15	<0.15	<0.23	<0.1	0.37JB	0.37
0580-1	9-18	3/7/2013	<0.16	0.54J	<0.15	<0.23	4.2	4	8.74
		9/13/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/11/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		9/16/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/10/2015	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		9/11/2015	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
0580-2	20-29	3/7/2013	<0.16	18	5J	<0.23	150J	160	333
		9/13/2013	<0.16	21	8.2	0.38J	150	170J	349.58
		3/11/2014	<0.16	13	5	<0.23	130	130B	278
		9/16/2014	<0.16	17	6.7	<0.23	170	150	343.7
		3/10/2015	<0.16	17	6.9	<0.23	170	160	353.9
		9/11/2015	<0.16	23	9.3	0.31J	190	160	382.61
0580-3	31-40	3/7/2013	<0.16	12	0.88J	<0.23	23	28	63.88
		9/13/2013	<0.16	16	3.2	0.39J	33	30J	82.59
		3/11/2014	<0.16	18	3.4	0.28J	40	31B	92.68
		9/16/2014	<0.16	16	3.4	0.23J	45	34	98.63
		3/10/2015	<0.16	18	3.8	0.23J	38	35	95.03
		9/11/2015	<0.16	18	4	0.31J	45	39	106.31

Table 5 (continued). COPCs Concentrations at the Building 100 Area Since March 2013 ($\mu\text{g/L}$)^a

Location	Screen Depth (ft bls)	Date Sampled	TCE	cDCE	tDCE	1,1-DCE	VC	1,4-Dioxane	TCOPCs ^b
Cleanup Target Level^c			30	700	1,000	70	10	32	
0581-1	9–18	3/11/2013	<0.16	0.26J	<0.15	<0.23	0.5J	<0.44	0.76
		9/16/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/10/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		9/15/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/9/2015	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		9/11/2015	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
0581-2	20–29	3/11/2013	<0.16	3.6	<0.15	0.47J	7.3J	<0.44	11.37
		9/16/2013	<0.16	7.2	0.61J	1.1	20	30	58.91
		3/10/2014	<0.16	7.6J	0.58J	0.99J	14J	27J	50.17
		9/15/2014	<0.16	1.7	<0.15	<0.23	3.4	9.5	14.6
		3/9/2015	<0.16	2.6	0.26J	0.27J	7.2	10	20.33
		9/11/2015	<0.16	6.3	0.84J	0.69J	22	34	63.83
0581-3	31–40	3/11/2013	<0.32	<0.3	<0.3	<0.46	<0.2	<0.44	ND
		9/16/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/10/2014	<0.16	0.47J	<0.15	<0.23	0.48J	1.5	2.45
		9/15/2014	<0.16	0.63J	<0.15	<0.23	<0.1	4.2	4.83
		3/9/2015	<0.16	0.55J	<0.15	<0.23	0.56J	2.3	3.41
		9/11/2015	<0.16	0.46J	<0.15	<0.23	1	1.9	3.36
0582-1	9–18	3/11/2013	<0.16	<0.15	<0.15	<0.23	1.2	<0.44	1.2
		9/17/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/10/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		9/15/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/9/2015	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		9/11/2015	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
0582-2	20–29	3/11/2013	<0.16	13	2.5	0.72J	130J	170J	316.22
		9/17/2013	<0.16	21	5.3	0.8J	170	270	467.1
		3/10/2014	<0.16	17	4.9J	0.63J	110	150J	282.53
		9/15/2014	<0.16	21	5.3J	0.35J	250	290J	566.65
		3/9/2015	<0.16	21	7.5	0.39J	250	330	608.89
		9/11/2015	<0.16	0.59J	8.3	<0.23	59	350	417.89
0582-3	31–40	3/11/2013	<0.16	0.2J	<0.15	<0.23	1.2	<0.44	1.4
		9/17/2013	<0.16	0.22J	<0.15	<0.23	0.63J	<0.22	0.85
		3/10/2014	<0.16	0.56J	<0.15	<0.23	2.2	0.98J	3.74
		9/15/2014	<0.16	0.89J	<0.15	<0.23	3.3	3.3	7.49
		3/9/2015	<0.16	1.7	0.41J	<0.23	11	3.5	16.61
		9/11/2015	<0.16	0.91J	0.2J	<0.23	3.3	2.9	7.31

Table 5 (continued). COPCs Concentrations at the Building 100 Area Since March 2013 ($\mu\text{g/L}$)^a

Location	Screen Depth (ft bls)	Date Sampled	TCE	cDCE	tDCE	1,1-DCE	VC	1,4-Dioxane	TCOPCs ^b
Cleanup Target Level^c			30	700	1,000	70	10	32	
0583-1	9–18	3/12/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.44	ND
		9/18/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/11/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.71JB	ND
		9/16/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/10/2015	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		9/11/2015	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
0583-2	20–29	3/12/2013	<0.16	0.25J	2.2	<0.23	16	<4.4	18.45
		9/18/2013	<0.16	0.38J	2.5	<0.23	13	4.1	19.98
		3/11/2014	<0.16	0.22J	2.4	<0.23	21	8.6B	32.22
		9/16/2014	<0.16	0.29J	0.72J	<0.23	6	3	10.01
		3/10/2015	<0.16	0.26J	0.37J	<0.23	5.7	3.7	10.03
		9/11/2015	<0.16	<0.15	0.34J	<0.23	3.7	2.2	6.24
0583-3	31–40	3/12/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.88	ND
		9/18/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/11/2014	<0.16	<0.15	0.17J	<0.23	0.76J	<0.88JB	0.93
		9/16/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/10/2015	<0.16	<0.15	<0.15	<0.23	0.16J	<0.22	0.16
		9/11/2015	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
0584-1	9–18	3/9/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.44	ND
		9/14/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/8/2014	<0.16	<0.15	<0.15	<0.23	0.25J	2.1	2.35
		9/13/2014	<0.16	<0.15	<0.15	<0.23	<0.1	1.8	1.8
		3/7/2015	<0.16	<0.15	<0.15	<0.23	<0.1	2.4	2.4
		9/12/2015	<0.16	<0.15	<0.15	<0.23	0.14J	0.8J	0.94
0584-2	20–29	3/9/2013	<0.16	0.35J	<0.15	<0.23	<0.1	<0.44	0.35
		9/14/2013	<0.16	0.34J	<0.15	<0.23	2.7	<0.22	3.04
		3/8/2014	<0.16	0.34J	<0.15	<0.23	4	0.98J	5.32
		9/13/2014	<0.16	0.76J	<0.15	<0.23	5.2	0.89J	6.85
		3/7/2015	<0.16	1.8	<0.15	<0.23	11	0.89J	13.69
		9/12/2015	<0.16	2.5	<0.15	<0.23	34	<0.22	36.5
0584-3	31–40	3/9/2013	<0.32	<0.3	<0.3	<0.46	1J	<0.44	1
		9/14/2013	<0.16	0.27J	<0.15	<0.23	3.3	<0.22	3.57
		3/8/2014	<0.16	0.35J	<0.15	<0.23	4.8	<0.22	5.15
		9/13/2014	<0.16	0.53J	<0.15	<0.23	7.8	<0.22	8.33
		3/7/2015	<0.16	0.96J	<0.15	<0.23	10	<0.22	10.96
		9/12/2015	<0.16	1	<0.15	<0.23	23	0.33J	24.33

Table 5 (continued). COPCs Concentrations at the Building 100 Area Since March 2013 (µg/L)^a

Location	Screen Depth (ft bls)	Date Sampled	TCE	cDCE	tDCE	1,1-DCE	VC	1,4-Dioxane	TCOPCs ^b
Cleanup Target Level^c			30	700	1,000	70	10	32	
0585-1	9–18	3/9/2013	5.3	59	0.41J	2.7	9.8	<0.44	77.21
		9/14/2013	4.2	36	0.41J	2.4	5.4	2.4J	50.81
		3/8/2014	0.17J	1.2	<0.15	<0.23	0.55J	2.3	4.22
		9/13/2014	<0.16	1.2	<0.15	<0.23	<0.1	3.8	5
		3/7/2015	1.4	24	0.45J	1.7	14	5.1	46.65
		9/12/2015	0.23J	3.9	0.24J	0.34J	1.9	4.2B	10.81
0585-2	20–29	3/9/2013	420	3,500	17	160	420	<8.8	4,517
		9/14/2013	1,300	5,800	39	410	700	<2.2	8,249
		3/8/2014	1,400J	5,300	29	290	590	3.1J	7,612.1
		9/13/2014	1,700	6,300	59	540	900	4.6	9,503.6
		3/7/2015	<3.2	4,600	36	180	2,100	9.1	6,925.1
		9/12/2015	30	3,600	44	150	4,800	5.9B	8,629.9
0585-3	31–40	3/9/2013	0.71J	140	1.1	4	200	<0.44	345.81
		9/14/2013	24	230	5.6	11	900	1.3J	1,171.9
		3/8/2014	11	430	8.2	17	1,200	1.5	1,667.7
		9/13/2014	29	540	12	22	1,400	2.3	2,005.3
		3/7/2015	4.1	48	5.5	1.6J	490	<0.22	549.2
		9/12/2015	<0.64	19	5.7	<0.92	510	2.4B	537.1
0586-1	8–17	3/13/2013	<0.16	0.36J	<0.15	<0.23	<0.1	<0.44	0.36
		9/17/2013	<0.16	0.35J	<0.15	<0.23	0.13J	<0.22	0.48
		3/7/2014	<0.16	0.34J	<0.15	<0.23	<0.1	0.62J	0.96
		9/18/2014	<0.16	0.28J	<0.15	<0.23	<0.1	10	10.28
		3/12/2015	<0.16	0.55J	<0.15	<0.23	0.68J	1.2	2.43
		9/15/2015	<0.16	0.67J	<0.15	<0.23	2	0.57J	3.24
0586-2	19–28	3/13/2013	<0.16	3	<0.15	<0.23	2.9	<0.44	5.9
		9/17/2013	<0.16	10	<0.15	0.39J	5.6	0.91J	16.9
		3/10/2014	<0.16	13	<0.15	0.44J	5.8	1	20.24
		9/18/2014	<0.16	10	<0.15	0.52J	5	3.6	19.12
		3/12/2015	<0.16	11	<0.15	0.42J	6.4	1.8	19.62
		9/15/2015	<0.16	11	<0.15	0.33J	8.3	1.5	21.13
0586-3	30–39	3/13/2013	<0.16	0.53J	<0.15	<0.23	1.5	<0.44	2.03
		9/17/2013	<0.16	<0.15	<0.15	<0.23	2.9	<0.22	2.9
		3/10/2014	<0.16	<0.15	<0.15	<0.23	2.8	0.46J	3.26
		9/18/2014	<0.16	<0.15	<0.15	<0.23	5.2	0.47J	5.67
		3/12/2015	<0.16	<0.15	<0.15	<0.23	5.7	1.7	7.4
		9/15/2015	<0.16	<0.15	<0.15	<0.23	5.5	1.2	6.7

Table 5 (continued). COPCs Concentrations at the Building 100 Area Since March 2013 ($\mu\text{g/L}$)^a

Location	Screen Depth (ft bls)	Date Sampled	TCE	cDCE	tDCE	1,1-DCE	VC	1,4-Dioxane	TCOPCs ^b
Cleanup Target Level^c			30	700	1,000	70	10	32	
0587-1	9–18	3/13/2013	<0.16	50	0.3J	1.3	13	<0.44	64.6
		9/17/2013	<0.32	510	4.4	22	250	<0.22	786.4
		3/12/2014	1.4J	670	5.6	30	310	0.74J	1,017.74
		9/18/2014	<0.16	60	0.94J	2.2	86	0.7J	149.84
		3/12/2015	<0.16	2	0.27J	<0.23	4.4	<0.22	6.67
		9/13/2015	<0.16	0.2J	<0.15	<0.23	<0.1	<0.22	0.2
0587-2	20–29	3/13/2013	<0.16	190	1.4	7.9J	71	<0.44	270.3
		9/17/2013	<1.6	2,000	11	81	400	2.6	2,494.6
		3/12/2014	66J	3,400	19	160	480J	2.2J	4,127.2
		9/18/2014	360J	7,600	50	400J	1,500	5.2	9,915.2
		3/12/2015	62	4,300	43	210J	1,900	<0.88	6,515
		9/13/2015	10	100	23	15	360	7.5B	515.5
0587-3	31–40	3/13/2013	<0.16	280	2.2	16	130	<0.44	428.2
		9/18/2013	<0.16	0.4J	<0.15	<0.23	42	1.2	43.6
		3/12/2014	1.1	23	0.65J	2.5	93	1.3J	121.55
		9/18/2014	0.81J	260	3.9	13	550	3.2	830.91
		3/12/2015	0.27J	13	0.37J	0.29J	73	<0.88	86.93
		9/13/2015	<0.16	7.9	0.43J	<0.23	40	3B	51.33
0588-1	9–18	3/14/2013	<0.64	<0.6	<0.6	<0.92	<0.4	<0.44	ND
		9/18/2013	<0.16	0.63J	<0.15	<0.23	0.57J	<0.22	1.2
		3/12/2014	<0.16	0.42J	<0.15	<0.23	<0.1	<0.22	0.42
		9/18/2014	<0.16	0.23J	<0.15	<0.23	0.26J	<0.22	0.49
		3/12/2015	<0.16	0.16J	<0.15	<0.23	0.89J	9.8	10.85
		9/13/2015	<0.16	0.2J	<0.15	<0.23	1.5	1.5B	3.2
0588-2	20–29	3/14/2013	<0.16	12	<0.15	<0.23	16	6.6	34.6
		9/18/2013	<0.16	6.2	<0.15	<0.23	7.8	6.7	20.7
		3/12/2014	<0.16	3.2	<0.15	<0.23	4.8	6.9J	14.9
		9/18/2014	<0.16	1.3	<0.15	<0.23	2.6	8.7	12.6
		3/12/2015	<0.16	2.8	<0.15	<0.23	3.5	12	18.3
		9/13/2015	<0.16	4.8	<0.15	<0.23	5.2	6.5B	16.5
0588-3	31–40	3/14/2013	<0.16	0.87J	<0.15	<0.23	1.4	<0.44	2.27
		9/18/2013	<0.16	0.54J	<0.15	<0.23	2.4	<0.22	2.94
		3/12/2014	<0.16	0.33J	<0.15	<0.23	2.7	0.92J	3.95
		9/18/2014	<0.16	0.24J	<0.15	<0.23	0.62J	1.2	2.06
		3/12/2015	<0.16	0.2J	<0.15	<0.23	0.82J	3	4.02
		9/13/2015	<0.16	0.26J	<0.15	<0.23	1.4	0.75JB	2.41

Table 5 (continued). COPCs Concentrations at the Building 100 Area Since March 2013 ($\mu\text{g/L}$)^a

Location	Screen Depth (ft bls)	Date Sampled	TCE	cDCE	tDCE	1,1-DCE	VC	1,4-Dioxane	TCOPCs ^b
Cleanup Target Level^c			30	700	1,000	70	10	32	
S30B ^d	5–15	3/8/2013	23	43	4.5	0.54J	10	<0.44	81.04
		9/13/2013	6.7	15	1.6	<0.23	5.2	0.82J	29.32
		3/6/2014	15	34	3.9	0.35J	4.7	1	58.95
		9/12/2014	12	23	2.8	0.28J	5.7	<0.22	43.78
		3/6/2015	18	53	6.3	0.62J	12	<0.22	89.92
S33C ^d	11–21	3/8/2013	180	920	48	33	150	<0.44	1,331
		9/13/2013	19	260	4.8	7.2	340	<0.22	631
		3/6/2014	210	1,000	61	33	180	<0.22	1,484
		9/12/2014	86J	280J	17J	11J	68J	<0.22	462
		3/6/2015	550	2,400	130	73	280	<2.2	3,433
S35B ^d	5–15	3/8/2013	5,500	40,000	5,100	940	12,000	<0.44	63,540
		9/13/2013	7,000	63,000	7,000	1,100	19,000	3.5	97,103.5
		3/6/2014	6,400	44,000	5,900	860	11,000	<4.4	68,160
		9/12/2014	10,000	48,000	6,000	830	9,900	<2.2	74,730
		3/6/2015	11,000	54,000	6,700	930	10,000	<22	82,630
S67B ^d	10–19.83	3/7/2013	<0.16	13	3.3	<0.23	250	91	357.3
		9/13/2013	<0.16	13	3.3	<0.23	230	89J	335.3
		3/6/2014	<0.16	13	3	<0.23	230	84	330
		9/12/2014	0.2J	12J	3.3J	0.24J	180J	72J	267.74
		3/6/2015	<0.16	12	3	<0.23	220	87	322
S67C ^d	20–29.83	3/7/2013	<0.16	48	9.7	0.64J	65	<0.88	123.34
		9/13/2013	<0.16	43	8.3	0.52J	110	45J	206.82
		3/6/2014	<0.16	57	10	0.61J	120	49	236.61
		9/12/2014	0.64J	62J	12J	0.69J	210J	120J	405.33
		3/6/2015	<0.16	73	14	0.75J	65	25	177.75
S67D ^d	30–39.83	3/7/2013	<0.16	6.2	1.9	<0.23	11	<0.22	19.1
		9/13/2013	<0.16	6	1.9	<0.23	9.1	1.3	18.3
		3/6/2014	<0.16	6.1	2.1	<0.23	10	1.5	19.7
		9/12/2014	0.27J	7.5	2.6	<0.23	7.7	2.1	20.17
		3/6/2015	<0.16	5.9	2	<0.23	8.4	2	18.3
S68B	10–20	3/13/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.44	ND
		9/18/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/12/2014	<0.16	<0.15	<0.15	<0.23	<0.1	0.48J	0.48
		9/17/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/11/2015	<0.16	<0.15	<0.15	<0.23	<0.1	2.1	2.1
		9/15/2015	<0.16	<0.15	<0.15	<0.23	<0.1	0.36J	0.36

Table 5 (continued). COPCs Concentrations at the Building 100 Area Since March 2013 ($\mu\text{g/L}$)^a

Location	Screen Depth (ft bls)	Date Sampled	TCE	cDCE	tDCE	1,1-DCE	VC	1,4-Dioxane	TCOPCs ^b
Cleanup Target Level^c			30	700	1,000	70	10	32	
S68C	18–28	3/13/2013	<0.64	5.3	<0.6	<0.92	<0.4	4.5	9.8
		9/18/2013	<0.16	22	0.32J	<0.23	16	4.9	43.22
		3/12/2014	<0.16	14	0.23J	<0.23	11	2.7J	27.93
		9/17/2014	<0.16	18	0.37J	<0.23	6.6	5.8	30.77
		3/11/2015	<0.16	11	0.32J	<0.23	7.5	6.9	25.72
		9/15/2015	<0.16	11	0.22J	<0.23	6.8	7.2	25.22
S68D	30–40	3/13/2013	<0.64	41	<0.6	<0.92	16	3.3	60.3
		9/18/2013	<0.16	70	0.92J	<0.23	52	1.5	124.42
		3/12/2014	<0.16	57	0.78J	<0.23	44	2.1	103.88
		9/17/2014	<0.16	54	0.81J	<0.23	27	1.9	83.71
		3/11/2015	<0.16	52	0.94J	<0.23	32	3.3	88.24
		9/15/2015	<0.16	47	0.54J	<0.23	16	2.1	65.64
S69B	10–20	3/12/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.88	ND
		9/18/2013	<0.16	0.21J	<0.15	<0.23	<0.1	<0.22	0.21
		3/12/2014	<0.16	<0.15	<0.15	<0.23	<0.1	0.9J	0.9
		9/18/2014	<0.16	<0.15	<0.15	<0.23	<0.1	1.5	1.5
		3/11/2015	<0.16	0.19J	<0.15	<0.23	<0.1	1.4	1.59
		9/16/2015	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
S69C	20–30	3/12/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.88	ND
		9/18/2013	<0.16	0.57J	0.2J	<0.23	0.3J	<0.22	1.07
		3/19/2014	<0.16	<0.15	<0.15	<0.23	<0.1	0.53J	0.53
		9/18/2014	<0.16	0.56J	0.16J	<0.23	0.34J	1	2.06
		3/11/2015	<0.16	0.8J	0.25J	<0.23	<0.1	3.3	4.35
		9/16/2015	<0.16	0.6J	0.18J	<0.23	0.18J	6.9	7.86
S69D	30–40	3/12/2013	<0.16	0.3J	<0.15	<0.23	<0.1	<0.88	0.3
		9/18/2013	<0.16	0.33J	<0.15	<0.23	0.3J	<0.22	0.63
		3/12/2014	<0.16	0.34J	<0.15	<0.23	0.4J	0.22J	0.96
		9/18/2014	<0.16	0.45J	<0.15	<0.23	0.44J	0.65J	1.54
		3/11/2015	<0.16	0.5J	<0.15	<0.23	0.35J	1.3	2.15
		9/16/2015	<0.16	0.4J	<0.15	<0.23	0.32J	0.9J	1.62
S70B	10–20	3/12/2013	<0.16	15	0.47J	<0.23	7.5	<0.22	22.97
		9/14/2013	<0.16	13	0.44J	<0.23	4.7	<0.22	18.14
		3/12/2014	<0.16	12	0.37J	<0.23	5.3	0.5J	18.17
		9/13/2014	<0.16	14J	0.55J	<0.23	5.6J	<0.22	20.15
		3/7/2015	<0.16	12	0.54J	<0.23	4.8	<0.22	17.34
		9/16/2015	<0.16	14	0.5J	<0.23	4.4	0.99J	19.89

Table 5 (continued). COPCs Concentrations at the Building 100 Area Since March 2013 ($\mu\text{g/L}$)^a

Location	Screen Depth (ft bls)	Date Sampled	TCE	cDCE	tDCE	1,1-DCE	VC	1,4-Dioxane	TCOPCs ^b
Cleanup Target Level^c			30	700	1,000	70	10	32	
S70C	20–30	3/12/2013	<0.16	19	7.2	0.47J	22	15	63.67
		9/14/2013	<0.16	13	4.2	<0.23	11	15J	43.2
		3/12/2014	<0.16	12	3.6	0.26J	13	19B	47.86
		9/13/2014	<0.16	12J	3.6J	<0.23	10J	15	40.6
		3/7/2015	<0.16	10	2.8	<0.23	6.9	12	31.7
		9/16/2015	<0.16	10	2.7	<0.23	6.2	17	35.9
S70D	30–40	3/12/2013	<0.16	23	9.2	0.68J	19	12	63.88
		9/14/2013	<0.16	18	6.4	0.4J	12	15J	51.8
		3/12/2014	<0.16	18	6.5	0.46J	15	13B	52.96
		9/13/2014	<0.16	20J	7.4J	0.49J	14J	15	56.89
		3/7/2015	<0.16	19	6.6	0.6J	12	16	54.2
		9/16/2015	<0.16	19	6.8	0.44J	12	18	56.24
S71B	10–20	3/9/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		9/16/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/11/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		9/17/2014	<0.16	<0.15	<0.15	<0.23	<0.1	1.2	1.2
		3/11/2015	<0.16	<0.15	<0.15	<0.23	<0.1	1.2	1.2
		9/16/2015	<0.16	<0.15	<0.15	<0.23	<0.1	0.82J	0.82
S71C	20–30	3/9/2013	<0.16	18	10	0.29J	44	34	106.29
		9/16/2013	<0.16	32	17	0.44J	58	46	153.44
		3/12/2014	<0.16	19	11	0.27J	57	22J	109.27
		9/17/2014	<0.16	5.8	3.5	<0.23	12	13	34.3
		3/11/2015	<0.16	13	8	<0.23	35	21	77
		9/16/2015	<0.16	19	11	<0.23	48	31	109
S71D	30–40	3/9/2013	<0.16	29	17	0.6J	60	<0.44	106.6
		9/16/2013	<0.16	25	12	0.4J	48	17	102.4
		3/12/2014	<0.16	24	10	0.3J	48	17J	99.3
		9/17/2014	<0.16	22	9.4	0.29J	29	18	78.69
		3/11/2015	<0.16	27	12	0.5J	42	30	111.5
		9/16/2015	<0.16	27	12	0.35J	39	23E	101.35
S73B	10–20	3/11/2013	<0.16	1.4	0.5J	<0.23	11	<0.44	12.9
		9/17/2013	<0.16	0.35J	0.16J	<0.23	0.96J	<0.22	1.47
		3/10/2014	<0.16	<0.15	<0.15	<0.23	0.88J	<0.22	0.88
		9/16/2014	<0.16	<0.15	<0.15	<0.23	0.36J	<0.22	0.36
		3/10/2015	<0.16	0.24J	0.16J	<0.23	0.81J	<0.22	1.21
		9/15/2015	<0.16	<0.15	<0.15	<0.23	0.71J	6.7	7.41

Table 5 (continued). COPCs Concentrations at the Building 100 Area Since March 2013 ($\mu\text{g/L}$)^a

Location	Screen Depth (ft bls)	Date Sampled	TCE	cDCE	tDCE	1,1-DCE	VC	1,4-Dioxane	TCOPCs ^b
Cleanup Target Level^c			30	700	1,000	70	10	32	
S73C	20–30	3/11/2013	<0.16	18	17	0.47J	230	130	395.47
		9/17/2013	<0.16	4.7	6.3	<0.23	74	67	152
		3/10/2014	<0.16	5.1	6.5	<0.23	110	60	181.6
		9/16/2014	<0.16	11	14	<0.23	110	100	235
		3/10/2015	<0.16	11	14	0.27J	130	130	285.27
		9/15/2015	<0.16	7.2	17	<0.23	110	88	222.2
S73D	30–40	3/11/2013	<0.16	0.21J	<0.15	<0.23	0.47J	<0.88	0.68
		9/17/2013	<0.16	0.16J	<0.15	<0.23	1.1	2.3	3.56
		3/10/2014	<0.16	0.16J	0.4J	<0.23	2.8	4.8	8.16
		9/16/2014	<0.16	<0.15	0.72J	<0.23	5.9	8	14.62
		3/10/2015	<0.16	<0.15	0.43J	<0.23	2.9	8.6J	11.93
		9/11/2015	<0.16	<0.15	0.62J	<0.23	4.4	9.7	14.72

Notes:

^a Micrograms per liter.

^b Some TCOPCs values are rounded.

^c The offsite CTL is a factor of 10 lower than the listed onsite (poor water quality) CTL.

^d Not sampled in September 2015 (see Section 3.1).

“<” values are method detection limits.

Abbreviations:

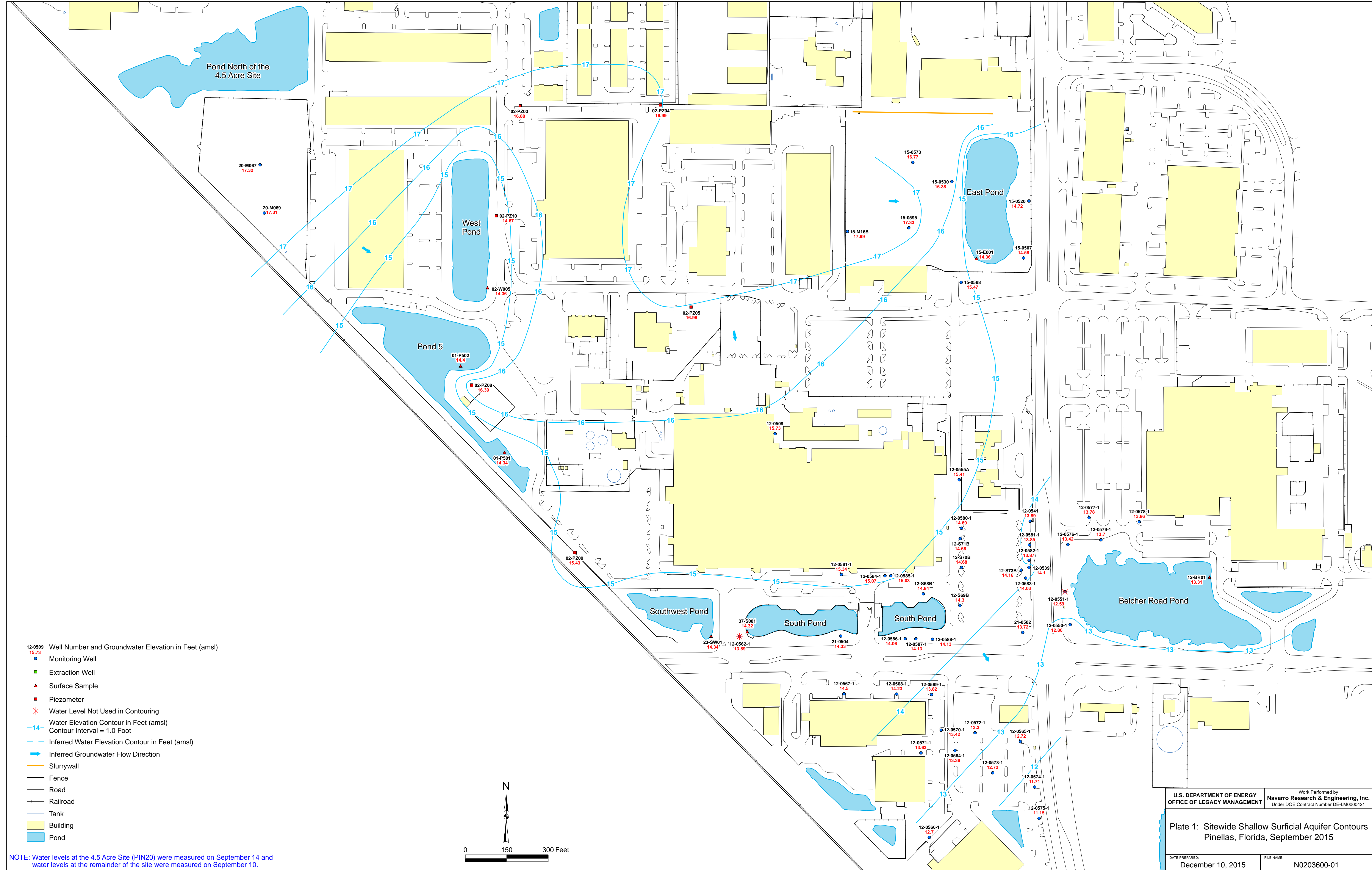
B = analyte present in associated method blank

ft bls = feet below land surface

H = missed holding time

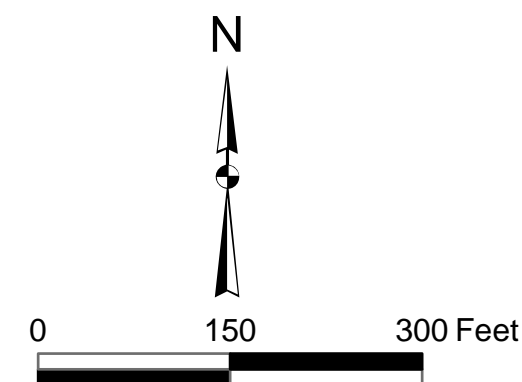
J = estimated value

ND = not detected

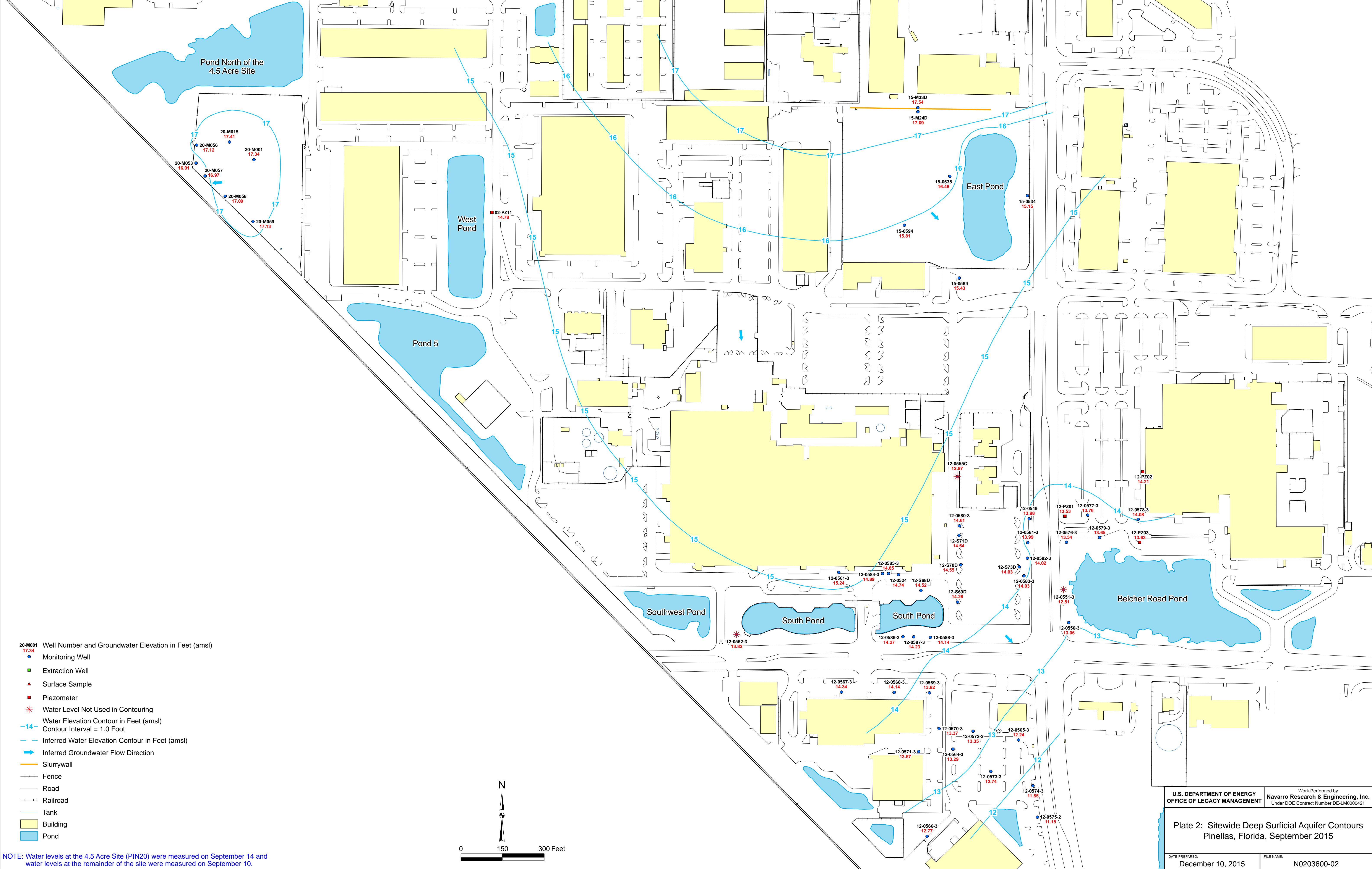


- 12-0509 Well Number and Groundwater Elevation in Feet (amsl)
- 15.73
- Monitoring Well
- Extraction Well
- ▲ Surface Sample
- Piezometer
- * Water Level Not Used in Contouring
- 14- Water Elevation Contour in Feet (amsl)
- Contour Interval = 1.0 Foot
- - - Inferred Water Elevation Contour in Feet (amsl)
- ➔ Inferred Groundwater Flow Direction
- Slurrywall
- Fence
- Road
- Railroad
- Tank
- Building
- Pond

NOTE: Water levels at the 4.5 Acre Site (PIN20) were measured on September 14 and water levels at the remainder of the site were measured on September 10.

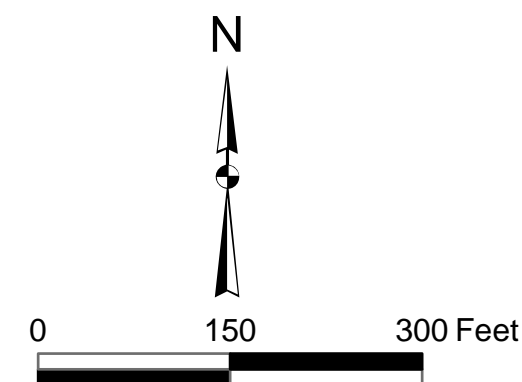


U.S. DEPARTMENT OF ENERGY OFFICE OF LEGACY MANAGEMENT	Work Performed by Navarro Research & Engineering, Inc. <small>Under DOE Contract Number DE-LM0000421</small>
Plate 1: Sitewide Shallow Surficial Aquifer Contours Pinellas, Florida, September 2015	
DATE PREPARED:	FILE NAME:
December 10, 2015	N0203600-01



- 20-M001 Well Number and Groundwater Elevation in Feet (amsl)
17.34
- Monitoring Well
- Extraction Well
- ▲ Surface Sample
- Piezometer
- * Water Level Not Used in Contouring
- 14- Water Elevation Contour in Feet (amsl)
Contour Interval = 1.0 Foot
- - - Inferred Water Elevation Contour in Feet (amsl)
- ➔ Inferred Groundwater Flow Direction
- Slurrywall
- Fence
- Road
- Railroad
- Tank
- Building
- Pond

NOTE: Water levels at the 4.5 Acre Site (PIN20) were measured on September 14 and water levels at the remainder of the site were measured on September 10.



U.S. DEPARTMENT OF ENERGY OFFICE OF LEGACY MANAGEMENT	Work Performed by Navarro Research & Engineering, Inc. <small>Under DOE Contract Number DE-LM0000421</small>
Plate 2: Sitewide Deep Surficial Aquifer Contours Pinellas, Florida, September 2015	
DATE PREPARED:	FILE NAME:
December 10, 2015	N0203600-02

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Appendix A

Laboratory Reports

September 2015 Semiannual Monitoring

ANALYTICAL REPORT

Job Number: 280-74253-1

SDG Number: 15087320

Job Description: Pinellas Monitoring

For:

S.M. Stoller Corporation
2597 Legacy Way
Grand Junction, CO 81503
Attention: Mr. Steve Donovan



Approved for release.
Kae E Yoder
Senior Project Manager
9/30/2015 12:54 PM

Designee for
DiLea R Bindel, Project Manager I
4955 Yarrow Street, Arvada, CO, 80002
(303)736-0173
dilea.bindel@testamericainc.com
09/30/2015

The test results in this report relate only to the samples in this report and meet all requirements of NELAC, with any exceptions noted. Pursuant to NELAP, this report shall not be reproduced except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Denver Project Manager.

The Lab Certification ID# is 4025.

Reporting limits are adjusted for sample size used, dilutions and moisture content if applicable.

TestAmerica Laboratories, Inc.

TestAmerica Denver 4955 Yarrow Street, Arvada, CO 80002
Tel (303) 736-0100 Fax (303) 431-7171 www.testamericainc.com



Pages have been deleted from this laboratory report file to reduce file size. The deleted pages contain raw data and instrument calibrations. If the full laboratory report is needed, contact Scott.Surovchak@lm.doe.gov

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CASE NARRATIVE

Client: S.M. Stoller Corporation

Project: PINELLAS MONITORING - 15087320

Report Number: 280-74253-1

With exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. All laboratory quality control samples analyzed in conjunction with the samples in this project were within established control limits, with any exceptions noted. Calculations are performed before rounding to avoid round-off errors in calculated results.

Results between the method detection limit (MDL) and reporting limit (RL) are flagged with a "J" qualifier to indicate an estimated value. These results are statistically less reliable than results greater than or equal to the RL and should be considered a qualitative value.

This report includes reporting limits (RLs) less than TestAmerica Denver's practical quantitation limits. These reporting limits are being used specifically at the client's request to meet the needs of this project. Please note that data are not normally reported to these levels without qualification, since they are inherently less reliable and potentially less defensible than required by the current NELAC standards.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 9/16/2015 9:30 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 0.5° C and 4.9° C.

Receipt Exceptions

Three of the four 40mL vials submitted for sample PIN12-0577-1 (NJS 952) were received at the laboratory broken. The client was notified and instructed the laboratory to proceed with the VOA 8260B analysis.

One of the four 40mL vials submitted for sample PIN12-0561-3 (NJS 987) was received at the laboratory broken. Sufficient volume remained for the laboratory to proceed with the requested analyses. The client was notified on 9/17/2015.

One of the four 40mL vials submitted for sample PIN12-0579-1 (NJS 958) was received at the laboratory broken. Sufficient volume remained for the laboratory to proceed with the requested analyses. The client was notified on 9/17/2015.

GC/MS VOLATILES - SW846 8260B

In some cases, due to high concentrations of target analytes, reduced aliquot sizes had to be used for the analysis of samples. The reporting limits have been elevated accordingly. To provide the lowest possible detection limits, multiple runs are reported where available.

Samples PIN12-0575-1 (NJS 932), PIN12-0583-3 (NJS 971), PIN99-2198 (NJS 948) and PIN99-2689 (NJS 990) exhibited surrogate recoveries outside the control limits, biased high. As no detectable concentrations are present at a level greater than half the reporting limit in the samples, corrective action is deemed unnecessary.

Low levels of Acetone or Methylene Chloride, common laboratory contaminants, are present in the method blanks associated with batches 280-296303, 280-296439 and 280-296465. Because these common laboratory contaminants are not present at levels greater than the reporting limits in the method blanks, corrective action is deemed unnecessary.

The LCS/LCSD associated with batch 280-296292 exhibited RPD data outside the control limits for 1,2-Dibromo-3-Chloropropane, and the associated sample results have been flagged "***". Both the LCS and LCSD recoveries were within control limits, demonstrating that the laboratory performed the method within acceptable guidelines; therefore, corrective action is deemed unnecessary.

The LCS associated with batch 280-296303 exhibited a percent recovery outside the control limits, biased low, for cis-1,3-Dichloropropene at 63% (lower limit is 65%), and the associated sample results have been flagged "***". Although cis-1,3-Dichloropropene was recovered outside current historical control limits, the recovery was within the allowed marginal exceedance control limits (lower limit is 53%). This marginal exceedance has been determined to be sporadic, not systematic; therefore, corrective action is deemed unnecessary.

The MS/MSD performed on sample PIN12-0587-2 (NJS 932) in batch 280-296303 exhibited spike compound recoveries and surrogate recoveries outside the control limits. The acceptable LCS analysis data indicated that the analytical system was operating within control; therefore, corrective action is deemed unnecessary.

The MS/MSD associated with batch 280-296466 exhibited spike compound recoveries and surrogate recoveries outside the control limits. The acceptable LCS analysis data indicated that the analytical system was operating within control; therefore, corrective action is deemed unnecessary.

A Continuing Calibration Verification standard (CCV 280-296162/2) exhibited the %Difference (%D) value >35%, biased low, for Naphthalene (-35.4%). All CCC and SPCC compounds are in control; therefore, method criteria have been met and corrective action is deemed unnecessary.

No additional analytical or quality issues were noted, other than those described in the Data Reporting Qualifiers page.

GC/MS VOLATILES - SW846 8260B SIM - 1,4-Dioxane

In some cases, due to high constituent concentration, samples had to be analyzed using reduced aliquot sizes. The reporting limits have been elevated accordingly.

Low levels of 1,4-Dioxane are present in the method blank associated with batch 280-295920. Because the concentration in the method blank is not present at a level greater than half the reporting limit, corrective action is deemed unnecessary.

The MS/MSD associated with batch 280-295273 exceeded the RPD limit for 1,4-Dioxane. The acceptable LCS analysis data indicated that the analytical system was operating within control; therefore, corrective action is deemed unnecessary.

No additional analytical or quality issues were noted, other than those described in the Data Reporting Qualifiers page.

DATA REPORTING QUALIFIERS

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Lab Section	Qualifier	Description
GC/MS VOA		
	B	Compound was found in the blank and sample.
	U	Indicates the analyte was analyzed for but not detected.
	*	LCS or LCSD is outside acceptance limits.
	F1	MS and/or MSD Recovery is outside acceptance limits.
	4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
	F2	MS/MSD RPD exceeds control limits
	E	Result exceeded calibration range.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	*	RPD of the LCS and LCSD exceeds the control limits
	X	Surrogate is outside control limits

SAMPLE SUMMARY

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
280-74253-1	PIN12-0524	Water	09/12/2015 0915	09/16/2015 0930
280-74253-2	PIN12-0525	Water	09/12/2015 1020	09/16/2015 0930
280-74253-3	PIN12-0561-1	Water	09/12/2015 0915	09/16/2015 0930
280-74253-3MS	PIN12-0561-1	Water	09/12/2015 0915	09/16/2015 0930
280-74253-3MSD	PIN12-0561-1	Water	09/12/2015 0915	09/16/2015 0930
280-74253-4	PIN12-0561-2	Water	09/12/2015 0940	09/16/2015 0930
280-74253-4MS	PIN12-0561-2	Water	09/12/2015 0940	09/16/2015 0930
280-74253-4MSD	PIN12-0561-2	Water	09/12/2015 0940	09/16/2015 0930
280-74253-5	PIN12-0561-3	Water	09/12/2015 1040	09/16/2015 0930
280-74253-6	PIN12-0565-1	Water	09/14/2015 1540	09/16/2015 0930
280-74253-7	PIN12-0565-2	Water	09/14/2015 1600	09/16/2015 0930
280-74253-8	PIN12-0565-3	Water	09/14/2015 1625	09/16/2015 0930
280-74253-9	PIN12-0574-1	Water	09/14/2015 1420	09/16/2015 0930
280-74253-10	PIN12-0574-2	Water	09/14/2015 1445	09/16/2015 0930
280-74253-11	PIN12-0574-3	Water	09/14/2015 1510	09/16/2015 0930
280-74253-12	PIN12-0575-1	Water	09/14/2015 0925	09/16/2015 0930
280-74253-13	PIN12-0575-2	Water	09/14/2015 1350	09/16/2015 0930
280-74253-14	PIN12-0576-1	Water	09/12/2015 1510	09/16/2015 0930
280-74253-15	PIN12-0576-2	Water	09/12/2015 1530	09/16/2015 0930
280-74253-16	PIN12-0576-3	Water	09/12/2015 1555	09/16/2015 0930
280-74253-17	PIN12-0577-1	Water	09/12/2015 1405	09/16/2015 0930
280-74253-18	PIN12-0577-2	Water	09/12/2015 1430	09/16/2015 0930
280-74253-19	PIN12-0577-3	Water	09/12/2015 1450	09/16/2015 0930
280-74253-20	PIN12-0579-1	Water	09/12/2015 1515	09/16/2015 0930
280-74253-21	PIN12-0579-2	Water	09/12/2015 1535	09/16/2015 0930
280-74253-22	PIN12-0579-3	Water	09/12/2015 1600	09/16/2015 0930
280-74253-23	PIN12-0580-1	Water	09/11/2015 1555	09/16/2015 0930
280-74253-24	PIN12-0580-2	Water	09/11/2015 1625	09/16/2015 0930
280-74253-25	PIN12-0580-3	Water	09/11/2015 1655	09/16/2015 0930
280-74253-26	PIN12-0581-1	Water	09/11/2015 1400	09/16/2015 0930
280-74253-27	PIN12-0581-2	Water	09/11/2015 1435	09/16/2015 0930
280-74253-28	PIN12-0581-3	Water	09/11/2015 1505	09/16/2015 0930
280-74253-29	PIN12-0582-1	Water	09/11/2015 1255	09/16/2015 0930
280-74253-30	PIN12-0582-2	Water	09/11/2015 1320	09/16/2015 0930
280-74253-31	PIN12-0582-3	Water	09/11/2015 1400	09/16/2015 0930
280-74253-32	PIN12-0583-1	Water	09/11/2015 1450	09/16/2015 0930
280-74253-33	PIN12-0583-2	Water	09/11/2015 1515	09/16/2015 0930
280-74253-34	PIN12-0583-3	Water	09/11/2015 1540	09/16/2015 0930
280-74253-35	PIN12-0584-1	Water	09/12/2015 1120	09/16/2015 0930
280-74253-36	PIN12-0584-2	Water	09/12/2015 1140	09/16/2015 0930
280-74253-37	PIN12-0584-3	Water	09/12/2015 1210	09/16/2015 0930
280-74253-38	PIN12-0585-1	Water	09/12/2015 1055	09/16/2015 0930
280-74253-39	PIN12-0585-2	Water	09/12/2015 1130	09/16/2015 0930
280-74253-40	PIN12-0585-3	Water	09/12/2015 1410	09/16/2015 0930
280-74253-41	PIN12-0587-1	Water	09/13/2015 0840	09/16/2015 0930
280-74253-42	PIN12-0587-2	Water	09/13/2015 0925	09/16/2015 0930
280-74253-43	PIN12-0587-3	Water	09/13/2015 1015	09/16/2015 0930
280-74253-44	PIN12-0588-1	Water	09/13/2015 0835	09/16/2015 0930
280-74253-45	PIN12-0588-2	Water	09/13/2015 0930	09/16/2015 0930
280-74253-46	PIN12-0588-3	Water	09/13/2015 0950	09/16/2015 0930
280-74253-47	PIN99-2198	Water	09/14/2015 1200	09/16/2015 0930
280-74253-48	PIN12-2451	Water	09/11/2015 1205	09/16/2015 0930

SAMPLE SUMMARY

Client: S.M. Stoller Corporation

Job Number: 280-74253-1
Sdg Number: 15087320

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
280-74253-49	PIN12-2452	Water	09/12/2015 1100	09/16/2015 0930
280-74253-50	PIN12-2453	Water	09/12/2015 1200	09/16/2015 0930
280-74253-51	PIN12-2454	Water	09/13/2015 0900	09/16/2015 0930
280-74253-52	PIN99-2689	Water	09/11/2015 1200	09/16/2015 0930
280-74253-53	PIN12-S73D	Water	09/11/2015 1045	09/16/2015 0930

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-74253-1	PIN12-0524					
Benzene		1.1		1.0	ug/L	8260B
1,1-Dichloroethane		0.31	J	1.0	ug/L	8260B
cis-1,2-Dichloroethene		260		10	ug/L	8260B
trans-1,2-Dichloroethene		1.7		1.0	ug/L	8260B
1,1-Dichloroethene		4.2		1.0	ug/L	8260B
Vinyl chloride		260		10	ug/L	8260B
1,4-Dioxane		1.4		1.0	ug/L	8260B SIM
280-74253-2	PIN12-0525					
cis-1,2-Dichloroethene		1.1		1.0	ug/L	8260B
Vinyl chloride		0.12	J	1.0	ug/L	8260B
1,4-Dioxane		3.4		1.0	ug/L	8260B SIM
280-74253-3	PIN12-0561-1					
Acetone		2.2	J	10	ug/L	8260B
280-74253-5	PIN12-0561-3					
Acetone		3.0	J	10	ug/L	8260B
1,4-Dioxane		0.60	J	1.0	ug/L	8260B SIM
280-74253-7	PIN12-0565-2					
Acetone		2.8	J B	10	ug/L	8260B
cis-1,2-Dichloroethene		0.38	J	1.0	ug/L	8260B
1,4-Dioxane		1.7		1.0	ug/L	8260B SIM
280-74253-8	PIN12-0565-3					
cis-1,2-Dichloroethene		0.49	J	1.0	ug/L	8260B
trans-1,2-Dichloroethene		0.16	J	1.0	ug/L	8260B
1,4-Dioxane		0.42	J	1.0	ug/L	8260B SIM
280-74253-9	PIN12-0574-1					
Acetone		4.6	J B	10	ug/L	8260B
cis-1,2-Dichloroethene		21		1.0	ug/L	8260B
trans-1,2-Dichloroethene		0.26	J	1.0	ug/L	8260B
1,1-Dichloroethene		0.31	J	1.0	ug/L	8260B
Vinyl chloride		22		1.0	ug/L	8260B
1,4-Dioxane		1.1		1.0	ug/L	8260B SIM

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-74253-10	PIN12-0574-2					
Acetone		9.2	J B	10	ug/L	8260B
1,1-Dichloroethane		0.24	J	1.0	ug/L	8260B
cis-1,2-Dichloroethene		77		4.0	ug/L	8260B
trans-1,2-Dichloroethene		1.2		1.0	ug/L	8260B
1,1-Dichloroethene		4.9		1.0	ug/L	8260B
Vinyl chloride		46		1.0	ug/L	8260B
1,4-Dioxane		1.5		1.0	ug/L	8260B SIM
280-74253-11	PIN12-0574-3					
Acetone		3.4	J	10	ug/L	8260B
cis-1,2-Dichloroethene		0.27	J	1.0	ug/L	8260B
Vinyl chloride		2.1		1.0	ug/L	8260B
1,4-Dioxane		0.49	J	1.0	ug/L	8260B SIM
280-74253-12	PIN12-0575-1					
Acetone		2.9	J B	10	ug/L	8260B
1,4-Dioxane		1.3		1.0	ug/L	8260B SIM
280-74253-13	PIN12-0575-2					
Acetone		4.0	J	10	ug/L	8260B
cis-1,2-Dichloroethene		0.16	J	1.0	ug/L	8260B
Vinyl chloride		1.6		1.0	ug/L	8260B
280-74253-14	PIN12-0576-1					
Acetone		53		10	ug/L	8260B
2-Butanone (MEK)		25		5.0	ug/L	8260B
Chloroethane		3.1		1.0	ug/L	8260B
1,1-Dichloroethane		4.0		1.0	ug/L	8260B
cis-1,2-Dichloroethene		4.1		1.0	ug/L	8260B
trans-1,2-Dichloroethene		0.16	J	1.0	ug/L	8260B
1,1-Dichloroethene		0.54	J	1.0	ug/L	8260B
2-Hexanone		2.3	J	5.0	ug/L	8260B
4-Methyl-2-pentanone		2.3	J	5.0	ug/L	8260B
Toluene		0.25	J	1.0	ug/L	8260B
Vinyl chloride		6.7		1.0	ug/L	8260B
1,4-Dioxane		64	B	4.0	ug/L	8260B SIM

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-74253-15	PIN12-0576-2					
Acetone		5.8	J	10	ug/L	8260B
2-Butanone (MEK)		10		5.0	ug/L	8260B
1,1-Dichloroethane		15		1.0	ug/L	8260B
cis-1,2-Dichloroethene		8.1		1.0	ug/L	8260B
trans-1,2-Dichloroethene		0.40	J	1.0	ug/L	8260B
1,1-Dichloroethene		1.7		1.0	ug/L	8260B
Vinyl chloride		15		1.0	ug/L	8260B
1,4-Dioxane		19	B	2.0	ug/L	8260B SIM
280-74253-16	PIN12-0576-3					
Acetone		3.1	J	10	ug/L	8260B
cis-1,2-Dichloroethene		0.22	J	1.0	ug/L	8260B
Vinyl chloride		0.50	J	1.0	ug/L	8260B
280-74253-17	PIN12-0577-1					
Acetone		3.1	J	10	ug/L	8260B
280-74253-18	PIN12-0577-2					
Acetone		2.3	J	10	ug/L	8260B
1,4-Dioxane		0.39	J B	1.0	ug/L	8260B SIM
280-74253-19	PIN12-0577-3					
Acetone		3.2	J	10	ug/L	8260B
1,4-Dioxane		0.44	J B	1.0	ug/L	8260B SIM
280-74253-20	PIN12-0579-1					
Acetone		3.0	J	10	ug/L	8260B
280-74253-21	PIN12-0579-2					
Acetone		2.8	J	10	ug/L	8260B
1,4-Dioxane		0.54	J B	1.0	ug/L	8260B SIM
280-74253-22	PIN12-0579-3					
Acetone		3.7	J	10	ug/L	8260B
1,4-Dioxane		0.37	J B	1.0	ug/L	8260B SIM

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-74253-24	PIN12-0580-2					
1,1-Dichloroethane		3.7		1.0	ug/L	8260B
cis-1,2-Dichloroethene		23		1.0	ug/L	8260B
trans-1,2-Dichloroethene		9.3		1.0	ug/L	8260B
1,1-Dichloroethene		0.31	J	1.0	ug/L	8260B
Vinyl chloride		190		4.0	ug/L	8260B
1,4-Dioxane		160		20	ug/L	8260B SIM
280-74253-25	PIN12-0580-3					
1,1-Dichloroethane		3.4		1.0	ug/L	8260B
cis-1,2-Dichloroethene		18		1.0	ug/L	8260B
trans-1,2-Dichloroethene		4.0		1.0	ug/L	8260B
1,1-Dichloroethene		0.31	J	1.0	ug/L	8260B
Vinyl chloride		45		1.0	ug/L	8260B
1,4-Dioxane		39		4.0	ug/L	8260B SIM
280-74253-27	PIN12-0581-2					
1,1-Dichloroethane		17		1.0	ug/L	8260B
cis-1,2-Dichloroethene		6.3		1.0	ug/L	8260B
trans-1,2-Dichloroethene		0.84	J	1.0	ug/L	8260B
1,1-Dichloroethene		0.69	J	1.0	ug/L	8260B
Vinyl chloride		22		1.0	ug/L	8260B
1,4-Dioxane		34		2.0	ug/L	8260B SIM
280-74253-28	PIN12-0581-3					
1,1-Dichloroethane		0.70	J	1.0	ug/L	8260B
cis-1,2-Dichloroethene		0.46	J	1.0	ug/L	8260B
Vinyl chloride		1.0		1.0	ug/L	8260B
1,4-Dioxane		1.9		1.0	ug/L	8260B SIM
280-74253-30	PIN12-0582-2					
1,1-Dichloroethane		34		1.0	ug/L	8260B
cis-1,2-Dichloroethene		0.59	J	1.0	ug/L	8260B
trans-1,2-Dichloroethene		8.3		1.0	ug/L	8260B
Vinyl chloride		59		1.0	ug/L	8260B
1,4-Dioxane		350		20	ug/L	8260B SIM

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Lab Sample ID	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-74253-31	PIN12-0582-3					
1,1-Dichloroethane		0.57	J	1.0	ug/L	8260B
cis-1,2-Dichloroethene		0.91	J	1.0	ug/L	8260B
trans-1,2-Dichloroethene		0.20	J	1.0	ug/L	8260B
Vinyl chloride		3.3		1.0	ug/L	8260B
1,4-Dioxane		2.9		1.0	ug/L	8260B SIM
280-74253-33	PIN12-0583-2					
Acetone		2.9	J	10	ug/L	8260B
1,1-Dichloroethane		0.22	J	1.0	ug/L	8260B
trans-1,2-Dichloroethene		0.34	J	1.0	ug/L	8260B
Vinyl chloride		3.7		1.0	ug/L	8260B
1,4-Dioxane		2.2		1.0	ug/L	8260B SIM
280-74253-34	PIN12-0583-3					
Acetone		3.3	J	10	ug/L	8260B
280-74253-35	PIN12-0584-1					
Acetone		2.4	J	10	ug/L	8260B
Vinyl chloride		0.14	J	1.0	ug/L	8260B
1,4-Dioxane		0.80	J	1.0	ug/L	8260B SIM
280-74253-36	PIN12-0584-2					
Acetone		3.3	J	10	ug/L	8260B
1,1-Dichloroethane		0.22	J	1.0	ug/L	8260B
cis-1,2-Dichloroethene		2.5		1.0	ug/L	8260B
Vinyl chloride		34		1.0	ug/L	8260B
280-74253-37	PIN12-0584-3					
Acetone		4.9	J	10	ug/L	8260B
cis-1,2-Dichloroethene		1.0		1.0	ug/L	8260B
Vinyl chloride		23		1.0	ug/L	8260B
1,4-Dioxane		0.33	J	1.0	ug/L	8260B SIM

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-74253-38	PIN12-0585-1					
Acetone		4.6	J	10	ug/L	8260B
cis-1,2-Dichloroethene		3.9		1.0	ug/L	8260B
trans-1,2-Dichloroethene		0.24	J	1.0	ug/L	8260B
1,1-Dichloroethene		0.34	J	1.0	ug/L	8260B
Trichloroethene		0.23	J	1.0	ug/L	8260B
Vinyl chloride		1.9		1.0	ug/L	8260B
1,4-Dioxane		4.2	B	1.0	ug/L	8260B SIM
280-74253-39	PIN12-0585-2					
Acetone		48	J	200	ug/L	8260B
cis-1,2-Dichloroethene		3600		200	ug/L	8260B
trans-1,2-Dichloroethene		44		20	ug/L	8260B
1,1-Dichloroethene		150		20	ug/L	8260B
Trichloroethene		30		20	ug/L	8260B
Vinyl chloride		4800		200	ug/L	8260B
1,4-Dioxane		5.9	B	1.0	ug/L	8260B SIM
280-74253-40	PIN12-0585-3					
Acetone		14	J	40	ug/L	8260B
2-Butanone (MEK)		35		20	ug/L	8260B
cis-1,2-Dichloroethene		19		4.0	ug/L	8260B
trans-1,2-Dichloroethene		5.7		4.0	ug/L	8260B
Vinyl chloride		510		40	ug/L	8260B
1,4-Dioxane		2.4	B	1.0	ug/L	8260B SIM
280-74253-41	PIN12-0587-1					
Acetone		4.9	J	10	ug/L	8260B
2-Butanone (MEK)		8.4		5.0	ug/L	8260B
cis-1,2-Dichloroethene		0.20	J	1.0	ug/L	8260B
Toluene		0.43	J	1.0	ug/L	8260B

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-74253-42	PIN12-0587-2					
Acetone		19	J B F1	20	ug/L	8260B
Benzene		0.96	J	2.0	ug/L	8260B
1,1-Dichloroethane		1.8	J F1	2.0	ug/L	8260B
cis-1,2-Dichloroethene		100		20	ug/L	8260B
trans-1,2-Dichloroethene		23	F1	2.0	ug/L	8260B
1,1-Dichloroethene		15	F1	2.0	ug/L	8260B
Toluene		0.85	J	2.0	ug/L	8260B
Trichloroethene		10		2.0	ug/L	8260B
Vinyl chloride		360		20	ug/L	8260B
1,4-Dioxane		7.5	B	1.0	ug/L	8260B SIM
280-74253-43	PIN12-0587-3					
Acetone		16	B	10	ug/L	8260B
Benzene		0.19	J	1.0	ug/L	8260B
2-Butanone (MEK)		17		5.0	ug/L	8260B
1,1-Dichloroethane		0.44	J	1.0	ug/L	8260B
cis-1,2-Dichloroethene		7.9		1.0	ug/L	8260B
trans-1,2-Dichloroethene		0.43	J	1.0	ug/L	8260B
Toluene		0.23	J	1.0	ug/L	8260B
Vinyl chloride		40		1.0	ug/L	8260B
1,4-Dioxane		3.0	B	1.0	ug/L	8260B SIM
280-74253-44	PIN12-0588-1					
Acetone		2.7	J B	10	ug/L	8260B
cis-1,2-Dichloroethene		0.20	J	1.0	ug/L	8260B
Vinyl chloride		1.5		1.0	ug/L	8260B
1,4-Dioxane		1.5	B	1.0	ug/L	8260B SIM
280-74253-45	PIN12-0588-2					
Acetone		60	B	10	ug/L	8260B
1,1-Dichloroethane		1.4		1.0	ug/L	8260B
cis-1,2-Dichloroethene		4.8		1.0	ug/L	8260B
Vinyl chloride		5.2		1.0	ug/L	8260B
1,4-Dioxane		6.5	B	1.0	ug/L	8260B SIM
280-74253-46	PIN12-0588-3					
cis-1,2-Dichloroethene		0.26	J	1.0	ug/L	8260B
Vinyl chloride		1.4		1.0	ug/L	8260B
1,4-Dioxane		0.75	J B	1.0	ug/L	8260B SIM

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-74253-48	PIN12-2451					
Acetone		2.1	J	10	ug/L	8260B
1,1-Dichloroethane		18		1.0	ug/L	8260B
cis-1,2-Dichloroethene		6.3		1.0	ug/L	8260B
trans-1,2-Dichloroethene		0.77	J	1.0	ug/L	8260B
1,1-Dichloroethene		0.63	J	1.0	ug/L	8260B
Vinyl chloride		22		1.0	ug/L	8260B
1,4-Dioxane		42		4.0	ug/L	8260B SIM
280-74253-49	PIN12-2452					
Acetone		50	J	200	ug/L	8260B
cis-1,2-Dichloroethene		3600		200	ug/L	8260B
trans-1,2-Dichloroethene		46		20	ug/L	8260B
1,1-Dichloroethene		150		20	ug/L	8260B
Trichloroethene		30		20	ug/L	8260B
Vinyl chloride		4800		200	ug/L	8260B
1,4-Dioxane		7.3	B	1.0	ug/L	8260B SIM
280-74253-50	PIN12-2453					
2-Butanone (MEK)		27		10	ug/L	8260B
cis-1,2-Dichloroethene		18		2.0	ug/L	8260B
trans-1,2-Dichloroethene		5.8		2.0	ug/L	8260B
Methylene Chloride		0.67	J B	2.0	ug/L	8260B
Toluene		0.41	J	2.0	ug/L	8260B
Vinyl chloride		320		20	ug/L	8260B
1,4-Dioxane		3.4	B	1.0	ug/L	8260B SIM
280-74253-51	PIN12-2454					
Benzene		1.1		1.0	ug/L	8260B
1,1-Dichloroethane		1.8		1.0	ug/L	8260B
cis-1,2-Dichloroethene		140		10	ug/L	8260B
trans-1,2-Dichloroethene		23		1.0	ug/L	8260B
1,1-Dichloroethene		15		1.0	ug/L	8260B
Toluene		1.0		1.0	ug/L	8260B
Trichloroethene		11		1.0	ug/L	8260B
Vinyl chloride		340		10	ug/L	8260B

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Lab Sample ID	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-74253-53	PIN12-S73D					
Acetone		4.3	J	10	ug/L	8260B
1,1-Dichloroethane		0.45	J	1.0	ug/L	8260B
trans-1,2-Dichloroethene		0.62	J	1.0	ug/L	8260B
Vinyl chloride		4.4		1.0	ug/L	8260B
1,4-Dioxane		9.7		2.0	ug/L	8260B SIM

METHOD SUMMARY

Client: S.M. Stoller Corporation

Job Number: 280-74253-1
Sdg Number: 15087320

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Volatile Organic Compounds (GC/MS)	TAL DEN	SW846 8260B	
Purge and Trap	TAL DEN		SW846 5030B
Volatile Organic Compounds (GC/MS-SIM)	TAL DEN	SW846 8260B SIM	
Purge and Trap	TAL DEN		SW846 5030B

Lab References:

TAL DEN = TestAmerica Denver

Method References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Method	Analyst	Analyst ID
SW846 8260B	Berger, Brent B	BBB
SW846 8260B	Ilczyszyn, Dennis P	DPI
SW846 8260B	Meier, Greg P	GPM
SW846 8260B	Wickham, Tom A	TAW
SW846 8260B SIM	Moan, Matthew R	MRM

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0524

Lab Sample ID: 280-74253-1

Date Sampled: 09/12/2015 0915

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296162	Instrument ID: VMS_R1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: R0473.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/23/2015 1941		Final Weight/Volume: 20 mL
Prep Date: 09/23/2015 1941		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	1.1		0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.31	J	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
trans-1,2-Dichloroethene	1.7		0.15	1.0
1,1-Dichloroethene	4.2		0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0
Styrene	0.17	U	0.17	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0524

Lab Sample ID: 280-74253-1

Date Sampled: 09/12/2015 0915

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296162	Instrument ID: VMS_R1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: R0473.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/23/2015 1941		Final Weight/Volume: 20 mL
Prep Date: 09/23/2015 1941		

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	123		70 - 127
Toluene-d8 (Surr)	100		80 - 125
4-Bromofluorobenzene (Surr)	103		78 - 120
Dibromofluoromethane (Surr)	110		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0524

Lab Sample ID: 280-74253-1

Date Sampled: 09/12/2015 0915

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296162	Instrument ID: VMS_R1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: R0474.D
Dilution: 1.0		Initial Weight/Volume: 2 mL
Analysis Date: 09/23/2015 2000	Run Type: DL	Final Weight/Volume: 20 mL
Prep Date: 09/23/2015 2000		

Analyte	Result (ug/L)	Qualifier	MDL	RL
cis-1,2-Dichloroethene	260		1.5	10
Vinyl chloride	260		1.0	10

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	122		70 - 127
Toluene-d8 (Surr)	97		80 - 125
4-Bromofluorobenzene (Surr)	96		78 - 120
Dibromofluoromethane (Surr)	115		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0525

Lab Sample ID: 280-74253-2

Date Sampled: 09/12/2015 1020

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296162	Instrument ID: VMS_R1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: R0475.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/23/2015 2019		Final Weight/Volume: 20 mL
Prep Date: 09/23/2015 2019		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	1.1		0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0525

Lab Sample ID: 280-74253-2

Date Sampled: 09/12/2015 1020

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296162	Instrument ID: VMS_R1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: R0475.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/23/2015 2019		Final Weight/Volume: 20 mL
Prep Date: 09/23/2015 2019		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.12	J	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	117		70 - 127
Toluene-d8 (Surr)	96		80 - 125
4-Bromofluorobenzene (Surr)	103		78 - 120
Dibromofluoromethane (Surr)	106		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0561-1

Lab Sample ID: 280-74253-3

Date Sampled: 09/12/2015 0915

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296292	Instrument ID: VMS_MS1	
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS2870.D	
Dilution: 1.0		Initial Weight/Volume: 20 mL	
Analysis Date: 09/24/2015 0957		Final Weight/Volume: 20 mL	
Prep Date: 09/24/2015 0957			

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	2.2	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U *	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0561-1

Lab Sample ID: 280-74253-3

Date Sampled: 09/12/2015 0915

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296292	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS2870.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 0957		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 0957		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	113		70 - 127
Toluene-d8 (Surr)	97		80 - 125
4-Bromofluorobenzene (Surr)	103		78 - 120
Dibromofluoromethane (Surr)	104		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0561-2

Lab Sample ID: 280-74253-4

Date Sampled: 09/12/2015 0940

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-296162	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R0477.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2015 2058			Final Weight/Volume:	20 mL
Prep Date:	09/23/2015 2058				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0561-2

Lab Sample ID: 280-74253-4

Date Sampled: 09/12/2015 0940

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296162	Instrument ID: VMS_R1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: R0477.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/23/2015 2058		Final Weight/Volume: 20 mL
Prep Date: 09/23/2015 2058		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	126		70 - 127
Toluene-d8 (Surr)	101		80 - 125
4-Bromofluorobenzene (Surr)	101		78 - 120
Dibromofluoromethane (Surr)	114		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0561-3

Lab Sample ID: 280-74253-5

Date Sampled: 09/12/2015 1040

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296292	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS2873.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1059		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1059		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	3.0	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U *	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0561-3

Lab Sample ID: 280-74253-5

Date Sampled: 09/12/2015 1040

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296292	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS2873.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1059		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1059		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	107		70 - 127
Toluene-d8 (Surr)	96		80 - 125
4-Bromofluorobenzene (Surr)	100		78 - 120
Dibromofluoromethane (Surr)	100		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0565-1

Lab Sample ID: 280-74253-6

Date Sampled: 09/14/2015 1540

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296303	Instrument ID: VMS_R1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: R0487.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1024		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1024		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U *	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0565-1

Lab Sample ID: 280-74253-6

Date Sampled: 09/14/2015 1540

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296303	Instrument ID: VMS_R1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: R0487.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1024		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1024		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	99		70 - 127
Toluene-d8 (Surr)	102		80 - 125
4-Bromofluorobenzene (Surr)	102		78 - 120
Dibromofluoromethane (Surr)	94		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0565-2

Lab Sample ID: 280-74253-7

Date Sampled: 09/14/2015 1600

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296303	Instrument ID: VMS_R1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: R0488.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1043		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1043		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	2.8	J B	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.38	J	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U *	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0565-2

Lab Sample ID: 280-74253-7

Date Sampled: 09/14/2015 1600

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296303	Instrument ID: VMS_R1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: R0488.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1043		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1043		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	112		70 - 127
Toluene-d8 (Surr)	107		80 - 125
4-Bromofluorobenzene (Surr)	106		78 - 120
Dibromofluoromethane (Surr)	102		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0565-3

Lab Sample ID: 280-74253-8

Date Sampled: 09/14/2015 1625

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296303	Instrument ID: VMS_R1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: R0489.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1102		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1102		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.49	J	0.15	1.0
trans-1,2-Dichloroethene	0.16	J	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U *	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0565-3

Lab Sample ID: 280-74253-8

Date Sampled: 09/14/2015 1625

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296303	Instrument ID: VMS_R1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: R0489.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1102		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1102		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	119		70 - 127
Toluene-d8 (Surr)	97		80 - 125
4-Bromofluorobenzene (Surr)	97		78 - 120
Dibromofluoromethane (Surr)	114		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0574-1

Lab Sample ID: 280-74253-9

Date Sampled: 09/14/2015 1420

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296303	Instrument ID: VMS_R1	
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: R0490.D	
Dilution: 1.0		Initial Weight/Volume: 20 mL	
Analysis Date: 09/24/2015 1122		Final Weight/Volume: 20 mL	
Prep Date: 09/24/2015 1122			

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	4.6	J B	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	21		0.15	1.0
trans-1,2-Dichloroethene	0.26	J	0.15	1.0
1,1-Dichloroethene	0.31	J	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U *	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0574-1

Lab Sample ID: 280-74253-9

Date Sampled: 09/14/2015 1420

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296303	Instrument ID: VMS_R1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: R0490.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1122		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1122		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	22		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	119		70 - 127
Toluene-d8 (Surr)	99		80 - 125
4-Bromofluorobenzene (Surr)	98		78 - 120
Dibromofluoromethane (Surr)	111		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0574-2

Lab Sample ID: 280-74253-10

Date Sampled: 09/14/2015 1445

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296303	Instrument ID: VMS_R1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: R0491.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1141		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1141		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	9.2	J B	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.24	J	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
trans-1,2-Dichloroethene	1.2		0.15	1.0
1,1-Dichloroethene	4.9		0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U *	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0
Styrene	0.17	U	0.17	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0574-2

Lab Sample ID: 280-74253-10

Client Matrix: Water

Date Sampled: 09/14/2015 1445

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296303	Instrument ID: VMS_R1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: R0491.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1141		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1141		

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	46		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	115		70 - 127
Toluene-d8 (Surr)	89		80 - 125
4-Bromofluorobenzene (Surr)	90		78 - 120
Dibromofluoromethane (Surr)	110		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0574-2

Lab Sample ID: 280-74253-10

Date Sampled: 09/14/2015 1445

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296303	Instrument ID: VMS_R1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: R0492.D
Dilution: 1.0		Initial Weight/Volume: 5 mL
Analysis Date: 09/24/2015 1200	Run Type: DL	Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1200		

Analyte	Result (ug/L)	Qualifier	MDL	RL
cis-1,2-Dichloroethene	77		0.60	4.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	120		70 - 127
Toluene-d8 (Surr)	101		80 - 125
4-Bromofluorobenzene (Surr)	106		78 - 120
Dibromofluoromethane (Surr)	112		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0574-3

Lab Sample ID: 280-74253-11

Date Sampled: 09/14/2015 1510

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296466	Instrument ID: VMS_G2
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: G2_7988.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/25/2015 1047		Final Weight/Volume: 20 mL
Prep Date: 09/25/2015 1047		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	3.4	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.27	J	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0574-3

Lab Sample ID: 280-74253-11

Date Sampled: 09/14/2015 1510

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296466	Instrument ID: VMS_G2
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: G2_7988.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/25/2015 1047		Final Weight/Volume: 20 mL
Prep Date: 09/25/2015 1047		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	2.1		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	107		70 - 127
Toluene-d8 (Surr)	102		80 - 125
4-Bromofluorobenzene (Surr)	96		78 - 120
Dibromofluoromethane (Surr)	120		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0575-1

Lab Sample ID: 280-74253-12

Date Sampled: 09/14/2015 0925

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296303	Instrument ID: VMS_R1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: R0494.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1238		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1238		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	2.9	J B	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U *	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0575-1

Lab Sample ID: 280-74253-12

Date Sampled: 09/14/2015 0925

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296303	Instrument ID: VMS_R1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: R0494.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1238		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1238		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	128	X	70 - 127
Toluene-d8 (Surr)	94		80 - 125
4-Bromofluorobenzene (Surr)	99		78 - 120
Dibromofluoromethane (Surr)	121	X	77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0575-2

Lab Sample ID: 280-74253-13

Date Sampled: 09/14/2015 1350

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296466	Instrument ID: VMS_G2
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: G2_7989.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/25/2015 1106		Final Weight/Volume: 20 mL
Prep Date: 09/25/2015 1106		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	4.0	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.16	J	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0575-2

Lab Sample ID: 280-74253-13

Date Sampled: 09/14/2015 1350

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296466	Instrument ID: VMS_G2
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: G2_7989.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/25/2015 1106		Final Weight/Volume: 20 mL
Prep Date: 09/25/2015 1106		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	1.6		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	107		70 - 127
Toluene-d8 (Surr)	94		80 - 125
4-Bromofluorobenzene (Surr)	89		78 - 120
Dibromofluoromethane (Surr)	114		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0576-1

Lab Sample ID: 280-74253-14

Date Sampled: 09/12/2015 1510

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296292	Instrument ID: VMS_MS1	
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS2874.D	
Dilution: 1.0		Initial Weight/Volume: 20 mL	
Analysis Date: 09/24/2015 1119		Final Weight/Volume: 20 mL	
Prep Date: 09/24/2015 1119			

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	53		1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	25		2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	3.1		0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U *	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	4.0		0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	4.1		0.15	1.0
trans-1,2-Dichloroethene	0.16	J	0.15	1.0
1,1-Dichloroethene	0.54	J	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	2.3	J	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	2.3	J	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0576-1

Lab Sample ID: 280-74253-14

Date Sampled: 09/12/2015 1510

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296292	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS2874.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1119		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1119		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.25	J	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	6.7		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	112		70 - 127
Toluene-d8 (Surr)	95		80 - 125
4-Bromofluorobenzene (Surr)	94		78 - 120
Dibromofluoromethane (Surr)	103		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0576-2

Lab Sample ID: 280-74253-15

Date Sampled: 09/12/2015 1530

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296292	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS2876.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1201		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1201		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	5.8	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	10		2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U *	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	15		0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	8.1		0.15	1.0
trans-1,2-Dichloroethene	0.40	J	0.15	1.0
1,1-Dichloroethene	1.7		0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0576-2

Lab Sample ID: 280-74253-15

Date Sampled: 09/12/2015 1530

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296292	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS2876.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1201		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1201		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	15		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	112		70 - 127
Toluene-d8 (Surr)	93		80 - 125
4-Bromofluorobenzene (Surr)	96		78 - 120
Dibromofluoromethane (Surr)	106		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0576-3

Lab Sample ID: 280-74253-16

Date Sampled: 09/12/2015 1555

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296292	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS2877.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1221		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1221		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	3.1	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U *	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.22	J	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0576-3

Lab Sample ID: 280-74253-16

Date Sampled: 09/12/2015 1555

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296292	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS2877.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1221		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1221		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.50	J	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	116		70 - 127
Toluene-d8 (Surr)	95		80 - 125
4-Bromofluorobenzene (Surr)	98		78 - 120
Dibromofluoromethane (Surr)	107		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0577-1

Lab Sample ID: 280-74253-17

Date Sampled: 09/12/2015 1405

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296292	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS2878.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1242		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1242		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	3.1	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U *	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0577-1

Lab Sample ID: 280-74253-17

Date Sampled: 09/12/2015 1405

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296292	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS2878.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1242		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1242		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	117		70 - 127
Toluene-d8 (Surr)	95		80 - 125
4-Bromofluorobenzene (Surr)	100		78 - 120
Dibromofluoromethane (Surr)	107		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0577-2

Lab Sample ID: 280-74253-18

Date Sampled: 09/12/2015 1430

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-296292	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS2879.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2015 1302			Final Weight/Volume:	20 mL
Prep Date:	09/24/2015 1302				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	2.3	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U *	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0577-2

Lab Sample ID: 280-74253-18

Date Sampled: 09/12/2015 1430

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296292	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS2879.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1302		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1302		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	114		70 - 127
Toluene-d8 (Surr)	97		80 - 125
4-Bromofluorobenzene (Surr)	101		78 - 120
Dibromofluoromethane (Surr)	106		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0577-3

Lab Sample ID: 280-74253-19

Date Sampled: 09/12/2015 1450

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296292	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS2880.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1323		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1323		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	3.2	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U *	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0577-3

Lab Sample ID: 280-74253-19

Date Sampled: 09/12/2015 1450

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296292	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS2880.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1323		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1323		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	118		70 - 127
Toluene-d8 (Surr)	96		80 - 125
4-Bromofluorobenzene (Surr)	101		78 - 120
Dibromofluoromethane (Surr)	107		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0579-1

Lab Sample ID: 280-74253-20

Date Sampled: 09/12/2015 1515

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296292	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS2881.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1344		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1344		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	3.0	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U *	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0579-1

Lab Sample ID: 280-74253-20

Date Sampled: 09/12/2015 1515

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296292	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS2881.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1344		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1344		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	118		70 - 127
Toluene-d8 (Surr)	93		80 - 125
4-Bromofluorobenzene (Surr)	101		78 - 120
Dibromofluoromethane (Surr)	108		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0579-2

Lab Sample ID: 280-74253-21

Date Sampled: 09/12/2015 1535

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296292	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS2882.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1404		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1404		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	2.8	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U *	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0579-2

Lab Sample ID: 280-74253-21

Date Sampled: 09/12/2015 1535

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296292	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS2882.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1404		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1404		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	115		70 - 127
Toluene-d8 (Surr)	95		80 - 125
4-Bromofluorobenzene (Surr)	100		78 - 120
Dibromofluoromethane (Surr)	107		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0579-3

Lab Sample ID: 280-74253-22

Date Sampled: 09/12/2015 1600

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296292	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS2883.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1425		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1425		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	3.7	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U *	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0579-3

Lab Sample ID: 280-74253-22

Date Sampled: 09/12/2015 1600

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296292	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS2883.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1425		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1425		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	118		70 - 127
Toluene-d8 (Surr)	96		80 - 125
4-Bromofluorobenzene (Surr)	100		78 - 120
Dibromofluoromethane (Surr)	107		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0580-1

Lab Sample ID: 280-74253-23

Date Sampled: 09/11/2015 1555

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296439	Instrument ID: VMS_H
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: H7409.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/25/2015 0238		Final Weight/Volume: 20 mL
Prep Date: 09/25/2015 0238		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0580-1

Lab Sample ID: 280-74253-23

Date Sampled: 09/11/2015 1555

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296439	Instrument ID: VMS_H
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: H7409.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/25/2015 0238		Final Weight/Volume: 20 mL
Prep Date: 09/25/2015 0238		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	92		70 - 127
Toluene-d8 (Surr)	100		80 - 125
4-Bromofluorobenzene (Surr)	91		78 - 120
Dibromofluoromethane (Surr)	99		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0580-2

Lab Sample ID: 280-74253-24

Date Sampled: 09/11/2015 1625

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-296439	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H7411.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2015 0324			Final Weight/Volume:	20 mL
Prep Date:	09/25/2015 0324				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	3.7		0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	23		0.15	1.0
trans-1,2-Dichloroethene	9.3		0.15	1.0
1,1-Dichloroethene	0.31	J	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0580-2

Lab Sample ID: 280-74253-24

Date Sampled: 09/11/2015 1625

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296439	Instrument ID: VMS_H
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: H7411.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/25/2015 0324		Final Weight/Volume: 20 mL
Prep Date: 09/25/2015 0324		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96		70 - 127
Toluene-d8 (Surr)	101		80 - 125
4-Bromofluorobenzene (Surr)	95		78 - 120
Dibromofluoromethane (Surr)	101		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0580-2

Lab Sample ID: 280-74253-24

Date Sampled: 09/11/2015 1625

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296439	Instrument ID: VMS_H
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: H7412.D
Dilution: 1.0		Initial Weight/Volume: 5 mL
Analysis Date: 09/25/2015 0347	Run Type: DL	Final Weight/Volume: 20 mL
Prep Date: 09/25/2015 0347		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	190		0.40	4.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	90		70 - 127
Toluene-d8 (Surr)	97		80 - 125
4-Bromofluorobenzene (Surr)	89		78 - 120
Dibromofluoromethane (Surr)	97		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0580-3

Lab Sample ID: 280-74253-25

Date Sampled: 09/11/2015 1655

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296439	Instrument ID: VMS_H
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: H7413.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/25/2015 0410		Final Weight/Volume: 20 mL
Prep Date: 09/25/2015 0410		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	3.4		0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	18		0.15	1.0
trans-1,2-Dichloroethene	4.0		0.15	1.0
1,1-Dichloroethene	0.31	J	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0580-3

Lab Sample ID: 280-74253-25

Date Sampled: 09/11/2015 1655

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296439	Instrument ID: VMS_H
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: H7413.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/25/2015 0410		Final Weight/Volume: 20 mL
Prep Date: 09/25/2015 0410		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	45		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94		70 - 127
Toluene-d8 (Surr)	97		80 - 125
4-Bromofluorobenzene (Surr)	87		78 - 120
Dibromofluoromethane (Surr)	97		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0581-1

Lab Sample ID: 280-74253-26

Date Sampled: 09/11/2015 1400

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-296439	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H7414.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2015 0433			Final Weight/Volume:	20 mL
Prep Date:	09/25/2015 0433				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0581-1

Lab Sample ID: 280-74253-26

Date Sampled: 09/11/2015 1400

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296439	Instrument ID: VMS_H
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: H7414.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/25/2015 0433		Final Weight/Volume: 20 mL
Prep Date: 09/25/2015 0433		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94		70 - 127
Toluene-d8 (Surr)	97		80 - 125
4-Bromofluorobenzene (Surr)	92		78 - 120
Dibromofluoromethane (Surr)	101		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0581-2

Lab Sample ID: 280-74253-27

Date Sampled: 09/11/2015 1435

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-296439	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H7415.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2015 0456			Final Weight/Volume:	20 mL
Prep Date:	09/25/2015 0456				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	17		0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	6.3		0.15	1.0
trans-1,2-Dichloroethene	0.84	J	0.15	1.0
1,1-Dichloroethene	0.69	J	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0581-2

Lab Sample ID: 280-74253-27

Date Sampled: 09/11/2015 1435

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296439	Instrument ID: VMS_H
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: H7415.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/25/2015 0456		Final Weight/Volume: 20 mL
Prep Date: 09/25/2015 0456		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	22		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	92		70 - 127
Toluene-d8 (Surr)	96		80 - 125
4-Bromofluorobenzene (Surr)	91		78 - 120
Dibromofluoromethane (Surr)	98		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0581-3

Lab Sample ID: 280-74253-28

Date Sampled: 09/11/2015 1505

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296439	Instrument ID: VMS_H
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: H7416.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/25/2015 0518		Final Weight/Volume: 20 mL
Prep Date: 09/25/2015 0518		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.70	J	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.46	J	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0581-3

Lab Sample ID: 280-74253-28

Date Sampled: 09/11/2015 1505

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296439	Instrument ID: VMS_H
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: H7416.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/25/2015 0518		Final Weight/Volume: 20 mL
Prep Date: 09/25/2015 0518		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	1.0		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94		70 - 127
Toluene-d8 (Surr)	98		80 - 125
4-Bromofluorobenzene (Surr)	94		78 - 120
Dibromofluoromethane (Surr)	100		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0582-1

Lab Sample ID: 280-74253-29

Date Sampled: 09/11/2015 1255

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296439	Instrument ID: VMS_H
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: H7417.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/25/2015 0541		Final Weight/Volume: 20 mL
Prep Date: 09/25/2015 0541		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0582-1

Lab Sample ID: 280-74253-29

Date Sampled: 09/11/2015 1255

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296439	Instrument ID: VMS_H
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: H7417.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/25/2015 0541		Final Weight/Volume: 20 mL
Prep Date: 09/25/2015 0541		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95		70 - 127
Toluene-d8 (Surr)	102		80 - 125
4-Bromofluorobenzene (Surr)	96		78 - 120
Dibromofluoromethane (Surr)	101		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0582-2

Lab Sample ID: 280-74253-30

Date Sampled: 09/11/2015 1320

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296439	Instrument ID: VMS_H	
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: H7418.D	
Dilution: 1.0		Initial Weight/Volume: 20 mL	
Analysis Date: 09/25/2015 0604		Final Weight/Volume: 20 mL	
Prep Date: 09/25/2015 0604			

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	34		0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.59	J	0.15	1.0
trans-1,2-Dichloroethene	8.3		0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0582-2

Lab Sample ID: 280-74253-30

Date Sampled: 09/11/2015 1320

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296439	Instrument ID: VMS_H
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: H7418.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/25/2015 0604		Final Weight/Volume: 20 mL
Prep Date: 09/25/2015 0604		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	59		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	98		70 - 127
Toluene-d8 (Surr)	101		80 - 125
4-Bromofluorobenzene (Surr)	95		78 - 120
Dibromofluoromethane (Surr)	102		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0582-3

Lab Sample ID: 280-74253-31

Date Sampled: 09/11/2015 1400

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296439	Instrument ID: VMS_H
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: H7420.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/25/2015 0650		Final Weight/Volume: 20 mL
Prep Date: 09/25/2015 0650		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.57	J	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.91	J	0.15	1.0
trans-1,2-Dichloroethene	0.20	J	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0582-3

Lab Sample ID: 280-74253-31

Date Sampled: 09/11/2015 1400

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296439	Instrument ID: VMS_H
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: H7420.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/25/2015 0650		Final Weight/Volume: 20 mL
Prep Date: 09/25/2015 0650		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	3.3		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94		70 - 127
Toluene-d8 (Surr)	99		80 - 125
4-Bromofluorobenzene (Surr)	91		78 - 120
Dibromofluoromethane (Surr)	98		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0583-1

Lab Sample ID: 280-74253-32

Date Sampled: 09/11/2015 1450

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296439	Instrument ID: VMS_H
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: H7421.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/25/2015 0712		Final Weight/Volume: 20 mL
Prep Date: 09/25/2015 0712		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0583-1

Lab Sample ID: 280-74253-32

Date Sampled: 09/11/2015 1450

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296439	Instrument ID: VMS_H
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: H7421.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/25/2015 0712		Final Weight/Volume: 20 mL
Prep Date: 09/25/2015 0712		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	92		70 - 127
Toluene-d8 (Surr)	93		80 - 125
4-Bromofluorobenzene (Surr)	92		78 - 120
Dibromofluoromethane (Surr)	98		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0583-2

Lab Sample ID: 280-74253-33

Date Sampled: 09/11/2015 1515

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296466	Instrument ID: VMS_G2
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: G2_8000.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/25/2015 1437		Final Weight/Volume: 20 mL
Prep Date: 09/25/2015 1437		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	2.9	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	J	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.34	J	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0583-2

Lab Sample ID: 280-74253-33

Date Sampled: 09/11/2015 1515

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296466	Instrument ID: VMS_G2
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: G2_8000.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/25/2015 1437		Final Weight/Volume: 20 mL
Prep Date: 09/25/2015 1437		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	3.7		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	121		70 - 127
Toluene-d8 (Surr)	89		80 - 125
4-Bromofluorobenzene (Surr)	87		78 - 120
Dibromofluoromethane (Surr)	120		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0583-3

Lab Sample ID: 280-74253-34

Date Sampled: 09/11/2015 1540

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-296466	Instrument ID:	VMS_G2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G2_7991.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2015 1144			Final Weight/Volume:	20 mL
Prep Date:	09/25/2015 1144				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	3.3	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0583-3

Lab Sample ID: 280-74253-34

Date Sampled: 09/11/2015 1540

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296466	Instrument ID: VMS_G2
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: G2_7991.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/25/2015 1144		Final Weight/Volume: 20 mL
Prep Date: 09/25/2015 1144		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	133	X	70 - 127
Toluene-d8 (Surr)	106		80 - 125
4-Bromofluorobenzene (Surr)	100		78 - 120
Dibromofluoromethane (Surr)	136	X	77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0584-1

Lab Sample ID: 280-74253-35

Date Sampled: 09/12/2015 1120

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296292	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS2884.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1445		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1445		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	2.4	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U *	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0584-1

Lab Sample ID: 280-74253-35

Date Sampled: 09/12/2015 1120

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296292	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS2884.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1445		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1445		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.14	J	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	116		70 - 127
Toluene-d8 (Surr)	96		80 - 125
4-Bromofluorobenzene (Surr)	101		78 - 120
Dibromofluoromethane (Surr)	108		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0584-2

Lab Sample ID: 280-74253-36

Date Sampled: 09/12/2015 1140

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296292	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS2885.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1506		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1506		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	3.3	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U *	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	J	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	2.5		0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0584-2

Lab Sample ID: 280-74253-36

Date Sampled: 09/12/2015 1140

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296292	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS2885.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1506		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1506		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	34		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	116		70 - 127
Toluene-d8 (Surr)	94		80 - 125
4-Bromofluorobenzene (Surr)	99		78 - 120
Dibromofluoromethane (Surr)	106		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0584-3

Lab Sample ID: 280-74253-37

Date Sampled: 09/12/2015 1210

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296292	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS2886.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1527		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1527		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	4.9	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U *	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	1.0		0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0584-3

Lab Sample ID: 280-74253-37

Date Sampled: 09/12/2015 1210

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296292	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS2886.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1527		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1527		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	23		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	118		70 - 127
Toluene-d8 (Surr)	93		80 - 125
4-Bromofluorobenzene (Surr)	98		78 - 120
Dibromofluoromethane (Surr)	106		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0585-1

Lab Sample ID: 280-74253-38

Date Sampled: 09/12/2015 1055

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296292	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS2887.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1547		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1547		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	4.6	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U *	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	3.9		0.15	1.0
trans-1,2-Dichloroethene	0.24	J	0.15	1.0
1,1-Dichloroethene	0.34	J	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0585-1

Lab Sample ID: 280-74253-38

Date Sampled: 09/12/2015 1055

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296292	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS2887.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1547		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1547		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.23	J	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	1.9		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	119		70 - 127
Toluene-d8 (Surr)	94		80 - 125
4-Bromofluorobenzene (Surr)	102		78 - 120
Dibromofluoromethane (Surr)	107		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0585-2

Lab Sample ID: 280-74253-39

Date Sampled: 09/12/2015 1130

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296292	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS2888.D
Dilution: 1.0		Initial Weight/Volume: 1 mL
Analysis Date: 09/24/2015 1608		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1608		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	48	J	38	200
Benzene	3.2	U	3.2	20
Bromobenzene	3.4	U	3.4	20
Bromochloromethane	2.0	U	2.0	20
Bromodichloromethane	3.4	U	3.4	20
Bromoform	3.8	U	3.8	20
Bromomethane	4.2	U	4.2	20
2-Butanone (MEK)	40	U	40	100
n-Butylbenzene	6.4	U	6.4	20
sec-Butylbenzene	3.4	U	3.4	20
tert-Butylbenzene	3.2	U	3.2	20
Carbon disulfide	9.0	U	9.0	20
Carbon tetrachloride	3.8	U	3.8	20
Chlorobenzene	3.4	U	3.4	20
Dibromochloromethane	3.4	U	3.4	20
Chloroethane	8.2	U	8.2	20
Chloroform	3.2	U	3.2	20
Chloromethane	6.0	U	6.0	20
2-Chlorotoluene	3.4	U	3.4	20
4-Chlorotoluene	4.2	U	4.2	20
1,2-Dibromo-3-Chloropropane	9.4	U *	9.4	20
Dibromomethane	3.4	U	3.4	20
1,2-Dichlorobenzene	3.0	U	3.0	20
1,3-Dichlorobenzene	2.6	U	2.6	20
1,4-Dichlorobenzene	3.2	U	3.2	20
Dichlorodifluoromethane	6.2	U	6.2	20
1,1-Dichloroethane	4.4	U	4.4	20
1,2-Dichloroethane	2.6	U	2.6	20
trans-1,2-Dichloroethene	44		3.0	20
1,1-Dichloroethene	150		4.6	20
1,2-Dichloropropane	3.6	U	3.6	20
1,3-Dichloropropane	4.4	U	4.4	20
2,2-Dichloropropane	3.6	U	3.6	20
cis-1,3-Dichloropropene	3.2	U	3.2	20
trans-1,3-Dichloropropene	3.8	U	3.8	20
1,1-Dichloropropene	3.8	U	3.8	20
Ethylbenzene	3.2	U	3.2	20
Hexachlorobutadiene	7.2	U	7.2	20
2-Hexanone	34	U	34	100
Isopropylbenzene	3.8	U	3.8	20
4-Isopropyltoluene	4.0	U	4.0	20
Methylene Chloride	6.4	U	6.4	20
4-Methyl-2-pentanone	20	U	20	100
Naphthalene	4.4	U	4.4	20
n-Propylbenzene	3.2	U	3.2	20
Styrene	3.4	U	3.4	20

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0585-2

Lab Sample ID: 280-74253-39

Date Sampled: 09/12/2015 1130

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296292	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS2888.D
Dilution: 1.0		Initial Weight/Volume: 1 mL
Analysis Date: 09/24/2015 1608		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1608		

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1,2-Tetrachloroethane	4.2	U	4.2	20
1,1,2,2-Tetrachloroethane	4.2	U	4.2	20
Tetrachloroethene	4.0	U	4.0	20
Toluene	3.4	U	3.4	20
1,2,3-Trichlorobenzene	4.2	U	4.2	20
1,2,4-Trichlorobenzene	4.2	U	4.2	20
1,1,1-Trichloroethane	3.2	U	3.2	20
1,1,2-Trichloroethane	5.4	U	5.4	20
Trichloroethene	30		3.2	20
Trichlorofluoromethane	5.8	U	5.8	20
1,2,3-Trichloropropane	6.6	U	6.6	20
1,2,4-Trimethylbenzene	3.0	U	3.0	20
1,3,5-Trimethylbenzene	3.2	U	3.2	20
Xylenes, Total	3.8	U	3.8	20
1,2-Dibromoethane	3.6	U	3.6	20

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	118		70 - 127
Toluene-d8 (Surr)	97		80 - 125
4-Bromofluorobenzene (Surr)	94		78 - 120
Dibromofluoromethane (Surr)	107		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0585-2

Lab Sample ID: 280-74253-39

Date Sampled: 09/12/2015 1130

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296292	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS2889.D
Dilution: 1.0		Initial Weight/Volume: 0.1 mL
Analysis Date: 09/24/2015 1629	Run Type: DL	Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1629		

Analyte	Result (ug/L)	Qualifier	MDL	RL
cis-1,2-Dichloroethene	3600		30	200
Vinyl chloride	4800		20	200

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	125		70 - 127
Toluene-d8 (Surr)	100		80 - 125
4-Bromofluorobenzene (Surr)	97		78 - 120
Dibromofluoromethane (Surr)	113		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0585-3

Lab Sample ID: 280-74253-40

Date Sampled: 09/12/2015 1410

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296292	Instrument ID: VMS_MS1	
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS2890.D	
Dilution: 1.0		Initial Weight/Volume: 5 mL	
Analysis Date: 09/24/2015 1649		Final Weight/Volume: 20 mL	
Prep Date: 09/24/2015 1649			

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	14	J	7.6	40
Benzene	0.64	U	0.64	4.0
Bromobenzene	0.68	U	0.68	4.0
Bromochloromethane	0.40	U	0.40	4.0
Bromodichloromethane	0.68	U	0.68	4.0
Bromoform	0.76	U	0.76	4.0
Bromomethane	0.84	U	0.84	4.0
2-Butanone (MEK)	35		8.0	20
n-Butylbenzene	1.3	U	1.3	4.0
sec-Butylbenzene	0.68	U	0.68	4.0
tert-Butylbenzene	0.64	U	0.64	4.0
Carbon disulfide	1.8	U	1.8	4.0
Carbon tetrachloride	0.76	U	0.76	4.0
Chlorobenzene	0.68	U	0.68	4.0
Dibromochloromethane	0.68	U	0.68	4.0
Chloroethane	1.6	U	1.6	4.0
Chloroform	0.64	U	0.64	4.0
Chloromethane	1.2	U	1.2	4.0
2-Chlorotoluene	0.68	U	0.68	4.0
4-Chlorotoluene	0.84	U	0.84	4.0
1,2-Dibromo-3-Chloropropane	1.9	U *	1.9	4.0
Dibromomethane	0.68	U	0.68	4.0
1,2-Dichlorobenzene	0.60	U	0.60	4.0
1,3-Dichlorobenzene	0.52	U	0.52	4.0
1,4-Dichlorobenzene	0.64	U	0.64	4.0
Dichlorodifluoromethane	1.2	U	1.2	4.0
1,1-Dichloroethane	0.88	U	0.88	4.0
1,2-Dichloroethane	0.52	U	0.52	4.0
cis-1,2-Dichloroethene	19		0.60	4.0
trans-1,2-Dichloroethene	5.7		0.60	4.0
1,1-Dichloroethene	0.92	U	0.92	4.0
1,2-Dichloropropane	0.72	U	0.72	4.0
1,3-Dichloropropane	0.88	U	0.88	4.0
2,2-Dichloropropane	0.72	U	0.72	4.0
cis-1,3-Dichloropropene	0.64	U	0.64	4.0
trans-1,3-Dichloropropene	0.76	U	0.76	4.0
1,1-Dichloropropene	0.76	U	0.76	4.0
Ethylbenzene	0.64	U	0.64	4.0
Hexachlorobutadiene	1.4	U	1.4	4.0
2-Hexanone	6.8	U	6.8	20
Isopropylbenzene	0.76	U	0.76	4.0
4-Isopropyltoluene	0.80	U	0.80	4.0
Methylene Chloride	1.3	U	1.3	4.0
4-Methyl-2-pentanone	3.9	U	3.9	20
Naphthalene	0.88	U	0.88	4.0
n-Propylbenzene	0.64	U	0.64	4.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0585-3

Lab Sample ID: 280-74253-40

Date Sampled: 09/12/2015 1410

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296292	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS2890.D
Dilution: 1.0		Initial Weight/Volume: 5 mL
Analysis Date: 09/24/2015 1649		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1649		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.68	U	0.68	4.0
1,1,1,2-Tetrachloroethane	0.84	U	0.84	4.0
1,1,2,2-Tetrachloroethane	0.84	U	0.84	4.0
Tetrachloroethene	0.80	U	0.80	4.0
Toluene	0.68	U	0.68	4.0
1,2,3-Trichlorobenzene	0.84	U	0.84	4.0
1,2,4-Trichlorobenzene	0.84	U	0.84	4.0
1,1,1-Trichloroethane	0.64	U	0.64	4.0
1,1,2-Trichloroethane	1.1	U	1.1	4.0
Trichloroethene	0.64	U	0.64	4.0
Trichlorofluoromethane	1.2	U	1.2	4.0
1,2,3-Trichloropropane	1.3	U	1.3	4.0
1,2,4-Trimethylbenzene	0.60	U	0.60	4.0
1,3,5-Trimethylbenzene	0.64	U	0.64	4.0
Xylenes, Total	0.76	U	0.76	4.0
1,2-Dibromoethane	0.72	U	0.72	4.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	119		70 - 127
Toluene-d8 (Surr)	96		80 - 125
4-Bromofluorobenzene (Surr)	103		78 - 120
Dibromofluoromethane (Surr)	108		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0585-3

Lab Sample ID: 280-74253-40

Date Sampled: 09/12/2015 1410

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296292	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS2891.D
Dilution: 1.0		Initial Weight/Volume: 0.5 mL
Analysis Date: 09/24/2015 1710	Run Type: DL	Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1710		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	510		4.0	40

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	118		70 - 127
Toluene-d8 (Surr)	95		80 - 125
4-Bromofluorobenzene (Surr)	92		78 - 120
Dibromofluoromethane (Surr)	107		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0587-1

Lab Sample ID: 280-74253-41

Date Sampled: 09/13/2015 0840

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-296465	Instrument ID:	VMS_G
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G8645.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2015 1650			Final Weight/Volume:	20 mL
Prep Date:	09/25/2015 1650				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	4.9	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	8.4		2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.20	J	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0587-1

Lab Sample ID: 280-74253-41

Date Sampled: 09/13/2015 0840

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296465	Instrument ID: VMS_G
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: G8645.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/25/2015 1650		Final Weight/Volume: 20 mL
Prep Date: 09/25/2015 1650		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.43	J	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	100		70 - 127
Toluene-d8 (Surr)	92		80 - 125
4-Bromofluorobenzene (Surr)	95		78 - 120
Dibromofluoromethane (Surr)	92		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0587-2

Lab Sample ID: 280-74253-42

Date Sampled: 09/13/2015 0925

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296303	Instrument ID: VMS_R1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: R0497.D
Dilution: 1.0		Initial Weight/Volume: 10 mL
Analysis Date: 09/24/2015 1336		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1336		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	19	J B F1	3.8	20
Benzene	0.96	J	0.32	2.0
Bromobenzene	0.34	U	0.34	2.0
Bromochloromethane	0.20	U	0.20	2.0
Bromodichloromethane	0.34	U	0.34	2.0
Bromoform	0.38	U	0.38	2.0
Bromomethane	0.42	U	0.42	2.0
2-Butanone (MEK)	4.0	U	4.0	10
n-Butylbenzene	0.64	U	0.64	2.0
sec-Butylbenzene	0.34	U	0.34	2.0
tert-Butylbenzene	0.32	U	0.32	2.0
Carbon disulfide	0.90	U	0.90	2.0
Carbon tetrachloride	0.38	U	0.38	2.0
Chlorobenzene	0.34	U	0.34	2.0
Dibromochloromethane	0.34	U	0.34	2.0
Chloroethane	0.82	U F1	0.82	2.0
Chloroform	0.32	U	0.32	2.0
Chloromethane	0.60	U	0.60	2.0
2-Chlorotoluene	0.34	U	0.34	2.0
4-Chlorotoluene	0.42	U	0.42	2.0
1,2-Dibromo-3-Chloropropane	0.94	U	0.94	2.0
Dibromomethane	0.34	U	0.34	2.0
1,2-Dichlorobenzene	0.30	U	0.30	2.0
1,3-Dichlorobenzene	0.26	U	0.26	2.0
1,4-Dichlorobenzene	0.32	U	0.32	2.0
Dichlorodifluoromethane	0.62	U	0.62	2.0
1,1-Dichloroethane	1.8	J F1	0.44	2.0
1,2-Dichloroethane	0.26	U	0.26	2.0
trans-1,2-Dichloroethene	23	F1	0.30	2.0
1,1-Dichloroethene	15	F1	0.46	2.0
1,2-Dichloropropane	0.36	U	0.36	2.0
1,3-Dichloropropane	0.44	U	0.44	2.0
2,2-Dichloropropane	0.36	U	0.36	2.0
cis-1,3-Dichloropropene	0.32	U *	0.32	2.0
trans-1,3-Dichloropropene	0.38	U	0.38	2.0
1,1-Dichloropropene	0.38	U	0.38	2.0
Ethylbenzene	0.32	U	0.32	2.0
Hexachlorobutadiene	0.72	U	0.72	2.0
2-Hexanone	3.4	U	3.4	10
Isopropylbenzene	0.38	U	0.38	2.0
4-Isopropyltoluene	0.40	U	0.40	2.0
Methylene Chloride	0.64	U	0.64	2.0
4-Methyl-2-pentanone	2.0	U	2.0	10
Naphthalene	0.44	U	0.44	2.0
n-Propylbenzene	0.32	U	0.32	2.0
Styrene	0.34	U	0.34	2.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0587-2

Lab Sample ID: 280-74253-42

Date Sampled: 09/13/2015 0925

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296303	Instrument ID: VMS_R1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: R0497.D
Dilution: 1.0		Initial Weight/Volume: 10 mL
Analysis Date: 09/24/2015 1336		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1336		

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1,2-Tetrachloroethane	0.42	U	0.42	2.0
1,1,2,2-Tetrachloroethane	0.42	U	0.42	2.0
Tetrachloroethene	0.40	U	0.40	2.0
Toluene	0.85	J	0.34	2.0
1,2,3-Trichlorobenzene	0.42	U	0.42	2.0
1,2,4-Trichlorobenzene	0.42	U	0.42	2.0
1,1,1-Trichloroethane	0.32	U	0.32	2.0
1,1,2-Trichloroethane	0.54	U	0.54	2.0
Trichloroethene	10		0.32	2.0
Trichlorofluoromethane	0.58	U F1	0.58	2.0
1,2,3-Trichloropropane	0.66	U	0.66	2.0
1,2,4-Trimethylbenzene	0.30	U	0.30	2.0
1,3,5-Trimethylbenzene	0.32	U	0.32	2.0
Xylenes, Total	0.38	U	0.38	2.0
1,2-Dibromoethane	0.36	U	0.36	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	115		70 - 127
Toluene-d8 (Surr)	85		80 - 125
4-Bromofluorobenzene (Surr)	88		78 - 120
Dibromofluoromethane (Surr)	107		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0587-2

Lab Sample ID: 280-74253-42

Date Sampled: 09/13/2015 0925

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296303	Instrument ID: VMS_R1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: R0498.D
Dilution: 1.0		Initial Weight/Volume: 1 mL
Analysis Date: 09/24/2015 1355	Run Type: DL	Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1355		

Analyte	Result (ug/L)	Qualifier	MDL	RL
cis-1,2-Dichloroethene	100		3.0	20
Vinyl chloride	360		2.0	20

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	127		70 - 127
Toluene-d8 (Surr)	98		80 - 125
4-Bromofluorobenzene (Surr)	103		78 - 120
Dibromofluoromethane (Surr)	115		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0587-3

Lab Sample ID: 280-74253-43

Date Sampled: 09/13/2015 1015

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296303	Instrument ID: VMS_R1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: R0501.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1453		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1453		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	16	B	1.9	10
Benzene	0.19	J	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	17		2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.44	J	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	7.9		0.15	1.0
trans-1,2-Dichloroethene	0.43	J	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U *	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0587-3

Lab Sample ID: 280-74253-43

Date Sampled: 09/13/2015 1015

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296303	Instrument ID: VMS_R1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: R0501.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1453		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1453		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.23	J	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	40		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	123		70 - 127
Toluene-d8 (Surr)	94		80 - 125
4-Bromofluorobenzene (Surr)	106		78 - 120
Dibromofluoromethane (Surr)	115		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0588-1

Lab Sample ID: 280-74253-44

Date Sampled: 09/13/2015 0835

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296303	Instrument ID: VMS_R1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: R0502.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1512		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1512		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	2.7	J B	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.20	J	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U *	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0588-1

Lab Sample ID: 280-74253-44

Date Sampled: 09/13/2015 0835

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296303	Instrument ID: VMS_R1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: R0502.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1512		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1512		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	1.5		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	117		70 - 127
Toluene-d8 (Surr)	91		80 - 125
4-Bromofluorobenzene (Surr)	99		78 - 120
Dibromofluoromethane (Surr)	110		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0588-2

Lab Sample ID: 280-74253-45

Date Sampled: 09/13/2015 0930

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296303	Instrument ID: VMS_R1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: R0511.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1827		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1827		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	60	B	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	1.4		0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	4.8		0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U *	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0588-2

Lab Sample ID: 280-74253-45

Date Sampled: 09/13/2015 0930

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296303	Instrument ID: VMS_R1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: R0511.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1827		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1827		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	5.2		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	113		70 - 127
Toluene-d8 (Surr)	100		80 - 125
4-Bromofluorobenzene (Surr)	99		78 - 120
Dibromofluoromethane (Surr)	114		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0588-3

Lab Sample ID: 280-74253-46

Date Sampled: 09/13/2015 0950

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296465	Instrument ID: VMS_G
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: G8646.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/25/2015 1714		Final Weight/Volume: 20 mL
Prep Date: 09/25/2015 1714		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.26	J	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0588-3

Lab Sample ID: 280-74253-46

Date Sampled: 09/13/2015 0950

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296465	Instrument ID: VMS_G
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: G8646.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/25/2015 1714		Final Weight/Volume: 20 mL
Prep Date: 09/25/2015 1714		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	1.4		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	105		70 - 127
Toluene-d8 (Surr)	95		80 - 125
4-Bromofluorobenzene (Surr)	97		78 - 120
Dibromofluoromethane (Surr)	97		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN99-2198

Lab Sample ID: 280-74253-47

Date Sampled: 09/14/2015 1200

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296303	Instrument ID: VMS_R1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: R0513.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1914		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1914		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U *	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN99-2198

Lab Sample ID: 280-74253-47

Date Sampled: 09/14/2015 1200

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296303	Instrument ID: VMS_R1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: R0513.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1914		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1914		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	141	X	70 - 127
Toluene-d8 (Surr)	105		80 - 125
4-Bromofluorobenzene (Surr)	112		78 - 120
Dibromofluoromethane (Surr)	126	X	77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-2451

Lab Sample ID: 280-74253-48

Date Sampled: 09/11/2015 1205

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296465	Instrument ID: VMS_G
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: G8644.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/25/2015 1626		Final Weight/Volume: 20 mL
Prep Date: 09/25/2015 1626		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	2.1	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	18		0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	6.3		0.15	1.0
trans-1,2-Dichloroethene	0.77	J	0.15	1.0
1,1-Dichloroethene	0.63	J	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-2451

Lab Sample ID: 280-74253-48

Date Sampled: 09/11/2015 1205

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296465	Instrument ID: VMS_G
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: G8644.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/25/2015 1626		Final Weight/Volume: 20 mL
Prep Date: 09/25/2015 1626		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	22		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95		70 - 127
Toluene-d8 (Surr)	95		80 - 125
4-Bromofluorobenzene (Surr)	93		78 - 120
Dibromofluoromethane (Surr)	91		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-2452

Lab Sample ID: 280-74253-49

Date Sampled: 09/12/2015 1100

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296292	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS2892.D
Dilution: 1.0		Initial Weight/Volume: 1 mL
Analysis Date: 09/24/2015 1730		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1730		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	50	J	38	200
Benzene	3.2	U	3.2	20
Bromobenzene	3.4	U	3.4	20
Bromochloromethane	2.0	U	2.0	20
Bromodichloromethane	3.4	U	3.4	20
Bromoform	3.8	U	3.8	20
Bromomethane	4.2	U	4.2	20
2-Butanone (MEK)	40	U	40	100
n-Butylbenzene	6.4	U	6.4	20
sec-Butylbenzene	3.4	U	3.4	20
tert-Butylbenzene	3.2	U	3.2	20
Carbon disulfide	9.0	U	9.0	20
Carbon tetrachloride	3.8	U	3.8	20
Chlorobenzene	3.4	U	3.4	20
Dibromochloromethane	3.4	U	3.4	20
Chloroethane	8.2	U	8.2	20
Chloroform	3.2	U	3.2	20
Chloromethane	6.0	U	6.0	20
2-Chlorotoluene	3.4	U	3.4	20
4-Chlorotoluene	4.2	U	4.2	20
1,2-Dibromo-3-Chloropropane	9.4	U *	9.4	20
Dibromomethane	3.4	U	3.4	20
1,2-Dichlorobenzene	3.0	U	3.0	20
1,3-Dichlorobenzene	2.6	U	2.6	20
1,4-Dichlorobenzene	3.2	U	3.2	20
Dichlorodifluoromethane	6.2	U	6.2	20
1,1-Dichloroethane	4.4	U	4.4	20
1,2-Dichloroethane	2.6	U	2.6	20
trans-1,2-Dichloroethene	46		3.0	20
1,1-Dichloroethene	150		4.6	20
1,2-Dichloropropane	3.6	U	3.6	20
1,3-Dichloropropane	4.4	U	4.4	20
2,2-Dichloropropane	3.6	U	3.6	20
cis-1,3-Dichloropropene	3.2	U	3.2	20
trans-1,3-Dichloropropene	3.8	U	3.8	20
1,1-Dichloropropene	3.8	U	3.8	20
Ethylbenzene	3.2	U	3.2	20
Hexachlorobutadiene	7.2	U	7.2	20
2-Hexanone	34	U	34	100
Isopropylbenzene	3.8	U	3.8	20
4-Isopropyltoluene	4.0	U	4.0	20
Methylene Chloride	6.4	U	6.4	20
4-Methyl-2-pentanone	20	U	20	100
Naphthalene	4.4	U	4.4	20
n-Propylbenzene	3.2	U	3.2	20
Styrene	3.4	U	3.4	20

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-2452

Lab Sample ID: 280-74253-49

Date Sampled: 09/12/2015 1100

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296292	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS2892.D
Dilution: 1.0		Initial Weight/Volume: 1 mL
Analysis Date: 09/24/2015 1730		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1730		

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1,2-Tetrachloroethane	4.2	U	4.2	20
1,1,2,2-Tetrachloroethane	4.2	U	4.2	20
Tetrachloroethene	4.0	U	4.0	20
Toluene	3.4	U	3.4	20
1,2,3-Trichlorobenzene	4.2	U	4.2	20
1,2,4-Trichlorobenzene	4.2	U	4.2	20
1,1,1-Trichloroethane	3.2	U	3.2	20
1,1,2-Trichloroethane	5.4	U	5.4	20
Trichloroethene	30		3.2	20
Trichlorofluoromethane	5.8	U	5.8	20
1,2,3-Trichloropropane	6.6	U	6.6	20
1,2,4-Trimethylbenzene	3.0	U	3.0	20
1,3,5-Trimethylbenzene	3.2	U	3.2	20
Xylenes, Total	3.8	U	3.8	20
1,2-Dibromoethane	3.6	U	3.6	20

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	123		70 - 127
Toluene-d8 (Surr)	97		80 - 125
4-Bromofluorobenzene (Surr)	95		78 - 120
Dibromofluoromethane (Surr)	112		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-2452

Lab Sample ID: 280-74253-49

Date Sampled: 09/12/2015 1100

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296292	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS2893.D
Dilution: 1.0		Initial Weight/Volume: 0.1 mL
Analysis Date: 09/24/2015 1751	Run Type: DL	Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1751		

Analyte	Result (ug/L)	Qualifier	MDL	RL
cis-1,2-Dichloroethene	3600		30	200
Vinyl chloride	4800		20	200

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	118		70 - 127
Toluene-d8 (Surr)	97		80 - 125
4-Bromofluorobenzene (Surr)	93		78 - 120
Dibromofluoromethane (Surr)	108		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-2453

Lab Sample ID: 280-74253-50

Date Sampled: 09/12/2015 1200

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296466	Instrument ID: VMS_G2
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: G2_7996.D
Dilution: 1.0		Initial Weight/Volume: 1 mL
Analysis Date: 09/25/2015 1320	Run Type: DL	Final Weight/Volume: 20 mL
Prep Date: 09/25/2015 1320		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	320		2.0	20

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	111		70 - 127
Toluene-d8 (Surr)	89		80 - 125
4-Bromofluorobenzene (Surr)	83		78 - 120
Dibromofluoromethane (Surr)	117		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-2453

Lab Sample ID: 280-74253-50

Date Sampled: 09/12/2015 1200

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296465	Instrument ID: VMS_G
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: G8647.D
Dilution: 1.0		Initial Weight/Volume: 10 mL
Analysis Date: 09/25/2015 1738		Final Weight/Volume: 20 mL
Prep Date: 09/25/2015 1738		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	3.8	U	3.8	20
Benzene	0.32	U	0.32	2.0
Bromobenzene	0.34	U	0.34	2.0
Bromochloromethane	0.20	U	0.20	2.0
Bromodichloromethane	0.34	U	0.34	2.0
Bromoform	0.38	U	0.38	2.0
Bromomethane	0.42	U	0.42	2.0
2-Butanone (MEK)	27		4.0	10
n-Butylbenzene	0.64	U	0.64	2.0
sec-Butylbenzene	0.34	U	0.34	2.0
tert-Butylbenzene	0.32	U	0.32	2.0
Carbon disulfide	0.90	U	0.90	2.0
Carbon tetrachloride	0.38	U	0.38	2.0
Chlorobenzene	0.34	U	0.34	2.0
Dibromochloromethane	0.34	U	0.34	2.0
Chloroethane	0.82	U	0.82	2.0
Chloroform	0.32	U	0.32	2.0
Chloromethane	0.60	U	0.60	2.0
2-Chlorotoluene	0.34	U	0.34	2.0
4-Chlorotoluene	0.42	U	0.42	2.0
1,2-Dibromo-3-Chloropropane	0.94	U	0.94	2.0
Dibromomethane	0.34	U	0.34	2.0
1,2-Dichlorobenzene	0.30	U	0.30	2.0
1,3-Dichlorobenzene	0.26	U	0.26	2.0
1,4-Dichlorobenzene	0.32	U	0.32	2.0
Dichlorodifluoromethane	0.62	U	0.62	2.0
1,1-Dichloroethane	0.44	U	0.44	2.0
1,2-Dichloroethane	0.26	U	0.26	2.0
cis-1,2-Dichloroethene	18		0.30	2.0
trans-1,2-Dichloroethene	5.8		0.30	2.0
1,1-Dichloroethene	0.46	U	0.46	2.0
1,2-Dichloropropane	0.36	U	0.36	2.0
1,3-Dichloropropane	0.44	U	0.44	2.0
2,2-Dichloropropane	0.36	U	0.36	2.0
cis-1,3-Dichloropropene	0.32	U	0.32	2.0
trans-1,3-Dichloropropene	0.38	U	0.38	2.0
1,1-Dichloropropene	0.38	U	0.38	2.0
Ethylbenzene	0.32	U	0.32	2.0
Hexachlorobutadiene	0.72	U	0.72	2.0
2-Hexanone	3.4	U	3.4	10
Isopropylbenzene	0.38	U	0.38	2.0
4-Isopropyltoluene	0.40	U	0.40	2.0
Methylene Chloride	0.67	J B	0.64	2.0
4-Methyl-2-pentanone	2.0	U	2.0	10
Naphthalene	0.44	U	0.44	2.0
n-Propylbenzene	0.32	U	0.32	2.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-2453

Lab Sample ID: 280-74253-50

Date Sampled: 09/12/2015 1200

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296465	Instrument ID: VMS_G
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: G8647.D
Dilution: 1.0		Initial Weight/Volume: 10 mL
Analysis Date: 09/25/2015 1738		Final Weight/Volume: 20 mL
Prep Date: 09/25/2015 1738		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.34	U	0.34	2.0
1,1,1,2-Tetrachloroethane	0.42	U	0.42	2.0
1,1,2,2-Tetrachloroethane	0.42	U	0.42	2.0
Tetrachloroethene	0.40	U	0.40	2.0
Toluene	0.41	J	0.34	2.0
1,2,3-Trichlorobenzene	0.42	U	0.42	2.0
1,2,4-Trichlorobenzene	0.42	U	0.42	2.0
1,1,1-Trichloroethane	0.32	U	0.32	2.0
1,1,2-Trichloroethane	0.54	U	0.54	2.0
Trichloroethene	0.32	U	0.32	2.0
Trichlorofluoromethane	0.58	U	0.58	2.0
1,2,3-Trichloropropane	0.66	U	0.66	2.0
1,2,4-Trimethylbenzene	0.30	U	0.30	2.0
1,3,5-Trimethylbenzene	0.32	U	0.32	2.0
Xylenes, Total	0.38	U	0.38	2.0
1,2-Dibromoethane	0.36	U	0.36	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	100		70 - 127
Toluene-d8 (Surr)	95		80 - 125
4-Bromofluorobenzene (Surr)	97		78 - 120
Dibromofluoromethane (Surr)	94		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-2454

Lab Sample ID: 280-74253-51

Date Sampled: 09/13/2015 0900

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296465	Instrument ID: VMS_G
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: G8650.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/25/2015 1849		Final Weight/Volume: 20 mL
Prep Date: 09/25/2015 1849		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	1.1		0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	1.8		0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
trans-1,2-Dichloroethene	23		0.15	1.0
1,1-Dichloroethene	15		0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0
Styrene	0.17	U	0.17	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-2454

Lab Sample ID: 280-74253-51

Date Sampled: 09/13/2015 0900

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296465	Instrument ID: VMS_G
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: G8650.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/25/2015 1849		Final Weight/Volume: 20 mL
Prep Date: 09/25/2015 1849		

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	1.0		0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	11		0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	110		70 - 127
Toluene-d8 (Surr)	91		80 - 125
4-Bromofluorobenzene (Surr)	95		78 - 120
Dibromofluoromethane (Surr)	97		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-2454

Lab Sample ID: 280-74253-51

Date Sampled: 09/13/2015 0900

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296465	Instrument ID: VMS_G
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: G8651.D
Dilution: 1.0		Initial Weight/Volume: 2 mL
Analysis Date: 09/25/2015 1913	Run Type: DL	Final Weight/Volume: 20 mL
Prep Date: 09/25/2015 1913		

Analyte	Result (ug/L)	Qualifier	MDL	RL
cis-1,2-Dichloroethene	140		1.5	10
Vinyl chloride	340		1.0	10

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	102		70 - 127
Toluene-d8 (Surr)	97		80 - 125
4-Bromofluorobenzene (Surr)	94		78 - 120
Dibromofluoromethane (Surr)	96		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN99-2689

Lab Sample ID: 280-74253-52

Date Sampled: 09/11/2015 1200

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296466	Instrument ID: VMS_G2
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: G2_7999.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/25/2015 1417		Final Weight/Volume: 20 mL
Prep Date: 09/25/2015 1417		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN99-2689

Lab Sample ID: 280-74253-52

Date Sampled: 09/11/2015 1200

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296466	Instrument ID: VMS_G2
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: G2_7999.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/25/2015 1417		Final Weight/Volume: 20 mL
Prep Date: 09/25/2015 1417		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	122		70 - 127
Toluene-d8 (Surr)	95		80 - 125
4-Bromofluorobenzene (Surr)	91		78 - 120
Dibromofluoromethane (Surr)	125	X	77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-S73D

Lab Sample ID: 280-74253-53

Date Sampled: 09/11/2015 1045

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296292	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS2894.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1812		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1812		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	4.3	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U *	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.45	J	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.62	J	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-S73D

Lab Sample ID: 280-74253-53

Date Sampled: 09/11/2015 1045

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296292	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS2894.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1812		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1812		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	4.4		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	124		70 - 127
Toluene-d8 (Surr)	95		80 - 125
4-Bromofluorobenzene (Surr)	94		78 - 120
Dibromofluoromethane (Surr)	109		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0524

Lab Sample ID: 280-74253-1

Date Sampled: 09/12/2015 0915

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-295463	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E02489.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/18/2015 0929			Final Weight/Volume:	20 mL
Prep Date:	09/18/2015 0929				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	1.4		0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	94		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0525

Lab Sample ID: 280-74253-2

Date Sampled: 09/12/2015 1020

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-295463	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E02488.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/18/2015 0910			Final Weight/Volume:	20 mL
Prep Date:	09/18/2015 0910				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	3.4		0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	95		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0561-1

Lab Sample ID: 280-74253-3

Date Sampled: 09/12/2015 0915

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-295463	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E02487.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/18/2015 0852			Final Weight/Volume:	20 mL
Prep Date:	09/18/2015 0852				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.22	U	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	98		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0561-2

Lab Sample ID: 280-74253-4

Date Sampled: 09/12/2015 0940

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-295463	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E02486.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/18/2015 0833			Final Weight/Volume:	20 mL
Prep Date:	09/18/2015 0833				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.22	U	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	93		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0561-3

Lab Sample ID: 280-74253-5

Date Sampled: 09/12/2015 1040

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-295743	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E0309.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/21/2015 0912			Final Weight/Volume:	20 mL
Prep Date:	09/21/2015 0912				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.60	J	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	81		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0565-1

Lab Sample ID: 280-74253-6

Date Sampled: 09/14/2015 1540

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method: 8260B SIM	Analysis Batch: 280-295743	Instrument ID: VMS_E
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: E0310.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/21/2015 0930		Final Weight/Volume: 20 mL
Prep Date: 09/21/2015 0930		

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.22	U	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	84		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0565-2

Lab Sample ID: 280-74253-7

Date Sampled: 09/14/2015 1600

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-295743	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E0313.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/21/2015 1027			Final Weight/Volume:	20 mL
Prep Date:	09/21/2015 1027				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	1.7		0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	81		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0565-3

Lab Sample ID: 280-74253-8

Date Sampled: 09/14/2015 1625

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-295743	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E0314.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/21/2015 1046			Final Weight/Volume:	20 mL
Prep Date:	09/21/2015 1046				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.42	J	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	84		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0574-1

Lab Sample ID: 280-74253-9

Date Sampled: 09/14/2015 1420

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-295743	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E0315.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/21/2015 1104			Final Weight/Volume:	20 mL
Prep Date:	09/21/2015 1104				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	1.1		0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	83		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0574-2

Lab Sample ID: 280-74253-10

Date Sampled: 09/14/2015 1445

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method: 8260B SIM	Analysis Batch: 280-295743	Instrument ID: VMS_E
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: E0316.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/21/2015 1123		Final Weight/Volume: 20 mL
Prep Date: 09/21/2015 1123		

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	1.5		0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	80		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0574-3

Lab Sample ID: 280-74253-11

Date Sampled: 09/14/2015 1510

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-295743	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E0317.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/21/2015 1142			Final Weight/Volume:	20 mL
Prep Date:	09/21/2015 1142				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.49	J	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	86		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0575-1

Lab Sample ID: 280-74253-12

Date Sampled: 09/14/2015 0925

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-295743	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E0318.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/21/2015 1200			Final Weight/Volume:	20 mL
Prep Date:	09/21/2015 1200				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	1.3		0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	86		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0575-2

Lab Sample ID: 280-74253-13

Date Sampled: 09/14/2015 1350

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method: 8260B SIM	Analysis Batch: 280-295743	Instrument ID: VMS_E
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: E0319.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/21/2015 1219		Final Weight/Volume: 20 mL
Prep Date: 09/21/2015 1219		

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.22	U	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	82		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0576-1

Lab Sample ID: 280-74253-14

Date Sampled: 09/12/2015 1510

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method: 8260B SIM	Analysis Batch: 280-295920	Instrument ID: VMS_E
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: E0342.D
Dilution: 1.0		Initial Weight/Volume: 5 mL
Analysis Date: 09/22/2015 1203		Final Weight/Volume: 20 mL
Prep Date: 09/22/2015 1203		

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	64	B	0.88	4.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	85		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0576-2

Lab Sample ID: 280-74253-15

Date Sampled: 09/12/2015 1530

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method: 8260B SIM	Analysis Batch: 280-295920	Instrument ID: VMS_E
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: E0343.D
Dilution: 1.0		Initial Weight/Volume: 10 mL
Analysis Date: 09/22/2015 1221		Final Weight/Volume: 20 mL
Prep Date: 09/22/2015 1221		

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	19	B	0.44	2.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	87		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0576-3

Lab Sample ID: 280-74253-16

Date Sampled: 09/12/2015 1555

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-295920	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E0344.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/22/2015 1240			Final Weight/Volume:	20 mL
Prep Date:	09/22/2015 1240				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.22	U	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	98		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0577-2

Lab Sample ID: 280-74253-18

Date Sampled: 09/12/2015 1430

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-295920	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E0334.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/22/2015 0927			Final Weight/Volume:	20 mL
Prep Date:	09/22/2015 0927				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.39	J B	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	90		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0577-3

Lab Sample ID: 280-74253-19

Date Sampled: 09/12/2015 1450

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method: 8260B SIM	Analysis Batch: 280-295920	Instrument ID: VMS_E
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: E0335.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/22/2015 0946		Final Weight/Volume: 20 mL
Prep Date: 09/22/2015 0946		

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.44	J B	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	107		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0579-1

Lab Sample ID: 280-74253-20

Date Sampled: 09/12/2015 1515

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-295920	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E0336.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/22/2015 1004			Final Weight/Volume:	20 mL
Prep Date:	09/22/2015 1004				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.22	U	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	101		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0579-2

Lab Sample ID: 280-74253-21

Date Sampled: 09/12/2015 1535

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-295920	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E0337.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/22/2015 1022			Final Weight/Volume:	20 mL
Prep Date:	09/22/2015 1022				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.54	J B	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	101		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0579-3

Lab Sample ID: 280-74253-22

Date Sampled: 09/12/2015 1600

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-295920	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E0338.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/22/2015 1041			Final Weight/Volume:	20 mL
Prep Date:	09/22/2015 1041				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.37	J B	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	102		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0580-1

Lab Sample ID: 280-74253-23

Date Sampled: 09/11/2015 1555

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method: 8260B SIM	Analysis Batch: 280-295463	Instrument ID: VMS_E
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: E02493.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/18/2015 1043		Final Weight/Volume: 20 mL
Prep Date: 09/18/2015 1043		

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.22	U	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	90		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0580-2

Lab Sample ID: 280-74253-24

Date Sampled: 09/11/2015 1625

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-295273	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E0262.D
Dilution:	1.0			Initial Weight/Volume:	1 mL
Analysis Date:	09/17/2015 1247			Final Weight/Volume:	20 mL
Prep Date:	09/17/2015 1247				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	160		4.4	20
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	100		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0580-3

Lab Sample ID: 280-74253-25

Date Sampled: 09/11/2015 1655

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-295463	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E02494.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	09/18/2015 1102			Final Weight/Volume:	20 mL
Prep Date:	09/18/2015 1102				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	39		0.88	4.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	98		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0581-1

Lab Sample ID: 280-74253-26

Date Sampled: 09/11/2015 1400

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-295463	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E02495.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/18/2015 1120			Final Weight/Volume:	20 mL
Prep Date:	09/18/2015 1120				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.22	U	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	97		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0581-2

Lab Sample ID: 280-74253-27

Date Sampled: 09/11/2015 1435

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-295463	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E02496.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	09/18/2015 1139			Final Weight/Volume:	20 mL
Prep Date:	09/18/2015 1139				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	34		0.44	2.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	95		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0581-3

Lab Sample ID: 280-74253-28

Date Sampled: 09/11/2015 1505

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-295463	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E02497.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/18/2015 1157			Final Weight/Volume:	20 mL
Prep Date:	09/18/2015 1157				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	1.9		0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	97		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0582-1

Lab Sample ID: 280-74253-29

Date Sampled: 09/11/2015 1255

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-295463	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E02498.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/18/2015 1216			Final Weight/Volume:	20 mL
Prep Date:	09/18/2015 1216				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.22	U	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	96		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0582-2

Lab Sample ID: 280-74253-30

Date Sampled: 09/11/2015 1320

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method: 8260B SIM	Analysis Batch: 280-295273	Instrument ID: VMS_E
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: E0268.D
Dilution: 1.0		Initial Weight/Volume: 1 mL
Analysis Date: 09/17/2015 1437		Final Weight/Volume: 20 mL
Prep Date: 09/17/2015 1437		

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	350		4.4	20
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	104		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0582-3

Lab Sample ID: 280-74253-31

Date Sampled: 09/11/2015 1400

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method: 8260B SIM	Analysis Batch: 280-295463	Instrument ID: VMS_E
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: E02499.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/18/2015 1234		Final Weight/Volume: 20 mL
Prep Date: 09/18/2015 1234		

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	2.9		0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	102		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0583-1

Lab Sample ID: 280-74253-32

Date Sampled: 09/11/2015 1450

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-295463	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E02500.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/18/2015 1253			Final Weight/Volume:	20 mL
Prep Date:	09/18/2015 1253				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.22	U	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	97		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0583-2

Lab Sample ID: 280-74253-33

Date Sampled: 09/11/2015 1515

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-295463	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E02501.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/18/2015 1311			Final Weight/Volume:	20 mL
Prep Date:	09/18/2015 1311				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	2.2		0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	100		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0583-3

Lab Sample ID: 280-74253-34

Date Sampled: 09/11/2015 1540

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method: 8260B SIM	Analysis Batch: 280-295463	Instrument ID: VMS_E
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: E02502.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/18/2015 1330		Final Weight/Volume: 20 mL
Prep Date: 09/18/2015 1330		

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.22	U	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	101		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0584-1

Lab Sample ID: 280-74253-35

Date Sampled: 09/12/2015 1120

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-295463	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E02503.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/18/2015 1349			Final Weight/Volume:	20 mL
Prep Date:	09/18/2015 1349				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.80	J	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	94		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0584-2

Lab Sample ID: 280-74253-36

Client Matrix: Water

Date Sampled: 09/12/2015 1140

Date Received: 09/16/2015 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-295463	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E02504.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/18/2015 1407			Final Weight/Volume:	20 mL
Prep Date:	09/18/2015 1407				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.22	U	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	101		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0584-3

Lab Sample ID: 280-74253-37

Date Sampled: 09/12/2015 1210

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-295463	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E02505.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/18/2015 1425			Final Weight/Volume:	20 mL
Prep Date:	09/18/2015 1425				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.33	J	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	96		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0585-1

Lab Sample ID: 280-74253-38

Date Sampled: 09/12/2015 1055

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method: 8260B SIM	Analysis Batch: 280-295920	Instrument ID: VMS_E
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: E0345.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/22/2015 1258		Final Weight/Volume: 20 mL
Prep Date: 09/22/2015 1258		

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	4.2	B	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	93		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0585-2

Lab Sample ID: 280-74253-39

Date Sampled: 09/12/2015 1130

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-295920	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E0346.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/22/2015 1316			Final Weight/Volume:	20 mL
Prep Date:	09/22/2015 1316				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	5.9	B	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	92		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0585-3

Lab Sample ID: 280-74253-40

Date Sampled: 09/12/2015 1410

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-295920	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E0347.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/22/2015 1335			Final Weight/Volume:	20 mL
Prep Date:	09/22/2015 1335				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	2.4	B	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	95		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0587-1

Lab Sample ID: 280-74253-41

Date Sampled: 09/13/2015 0840

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-295920	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E0348.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/22/2015 1353			Final Weight/Volume:	20 mL
Prep Date:	09/22/2015 1353				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.22	U	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	92		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0587-2

Lab Sample ID: 280-74253-42

Date Sampled: 09/13/2015 0925

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-295920	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E0349.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/22/2015 1411			Final Weight/Volume:	20 mL
Prep Date:	09/22/2015 1411				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	7.5	B	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	98		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0587-3

Lab Sample ID: 280-74253-43

Date Sampled: 09/13/2015 1015

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method: 8260B SIM	Analysis Batch: 280-295920	Instrument ID: VMS_E
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: E0350.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/22/2015 1430		Final Weight/Volume: 20 mL
Prep Date: 09/22/2015 1430		

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	3.0	B	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	91		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0588-1

Lab Sample ID: 280-74253-44

Date Sampled: 09/13/2015 0835

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method: 8260B SIM	Analysis Batch: 280-295920	Instrument ID: VMS_E
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: E0351.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/22/2015 1448		Final Weight/Volume: 20 mL
Prep Date: 09/22/2015 1448		

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	1.5	B	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	95		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0588-2

Lab Sample ID: 280-74253-45

Date Sampled: 09/13/2015 0930

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-295920	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E0352.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/22/2015 1507			Final Weight/Volume:	20 mL
Prep Date:	09/22/2015 1507				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	6.5	B	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	96		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0588-3

Lab Sample ID: 280-74253-46

Date Sampled: 09/13/2015 0950

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-295920	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E0353.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/22/2015 1526			Final Weight/Volume:	20 mL
Prep Date:	09/22/2015 1526				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.75	J B	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	95		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-2451

Lab Sample ID: 280-74253-48

Date Sampled: 09/11/2015 1205

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-295463	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E02506.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	09/18/2015 1444			Final Weight/Volume:	20 mL
Prep Date:	09/18/2015 1444				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	42		0.88	4.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	97		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-2452

Lab Sample ID: 280-74253-49

Date Sampled: 09/12/2015 1100

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-295920	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E0354.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/22/2015 1544			Final Weight/Volume:	20 mL
Prep Date:	09/22/2015 1544				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	7.3	B	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	95		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-2453

Lab Sample ID: 280-74253-50

Date Sampled: 09/12/2015 1200

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-295920	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E0355.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/22/2015 1603			Final Weight/Volume:	20 mL
Prep Date:	09/22/2015 1603				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	3.4	B	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	93		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-2454

Lab Sample ID: 280-74253-51

Date Sampled: 09/13/2015 0900

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method: 8260B SIM	Analysis Batch: 280-295920	Instrument ID: VMS_E
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: E0356.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/22/2015 1622		Final Weight/Volume: 20 mL
Prep Date: 09/22/2015 1622		

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.22	U	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	102		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-S73D

Lab Sample ID: 280-74253-53

Date Sampled: 09/11/2015 1045

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-295463	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E02507.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	09/18/2015 1502			Final Weight/Volume:	20 mL
Prep Date:	09/18/2015 1502				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	9.7		0.44	2.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	95		70 - 127	

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DBFM %Rec	DCA %Rec	TOL %Rec	BFB %Rec
280-74253-1	PIN12-0524	110	123	100	103
280-74253-1 DL	PIN12-0524 DL	115	122	97	96
280-74253-2	PIN12-0525	106	117	96	103
280-74253-3	PIN12-0561-1	104	113	97	103
280-74253-4	PIN12-0561-2	114	126	101	101
280-74253-5	PIN12-0561-3	100	107	96	100
280-74253-6	PIN12-0565-1	94	99	102	102
280-74253-7	PIN12-0565-2	102	112	107	106
280-74253-8	PIN12-0565-3	114	119	97	97
280-74253-9	PIN12-0574-1	111	119	99	98
280-74253-10	PIN12-0574-2	110	115	89	90
280-74253-10 DL	PIN12-0574-2 DL	112	120	101	106
280-74253-11	PIN12-0574-3	120	107	102	96
280-74253-12	PIN12-0575-1	121X	128X	94	99
280-74253-13	PIN12-0575-2	114	107	94	89
280-74253-14	PIN12-0576-1	103	112	95	94
280-74253-15	PIN12-0576-2	106	112	93	96
280-74253-16	PIN12-0576-3	107	116	95	98
280-74253-17	PIN12-0577-1	107	117	95	100
280-74253-18	PIN12-0577-2	106	114	97	101
280-74253-19	PIN12-0577-3	107	118	96	101
280-74253-20	PIN12-0579-1	108	118	93	101
280-74253-21	PIN12-0579-2	107	115	95	100
280-74253-22	PIN12-0579-3	107	118	96	100
280-74253-23	PIN12-0580-1	99	92	100	91
280-74253-24	PIN12-0580-2	101	96	101	95
280-74253-24 DL	PIN12-0580-2 DL	97	90	97	89
280-74253-25	PIN12-0580-3	97	94	97	87
280-74253-26	PIN12-0581-1	101	94	97	92

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane (Surr)	77-120
DCA = 1,2-Dichloroethane-d4 (Surr)	70-127
TOL = Toluene-d8 (Surr)	80-125
BFB = 4-Bromofluorobenzene (Surr)	78-120

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74253-1
Sdg Number: 15087320

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DBFM %Rec	DCA %Rec	TOL %Rec	BFB %Rec
280-74253-27	PIN12-0581-2	98	92	96	91
280-74253-28	PIN12-0581-3	100	94	98	94
280-74253-29	PIN12-0582-1	101	95	102	96
280-74253-30	PIN12-0582-2	102	98	101	95
280-74253-31	PIN12-0582-3	98	94	99	91
280-74253-32	PIN12-0583-1	98	92	93	92
280-74253-33	PIN12-0583-2	120	121	89	87
280-74253-34	PIN12-0583-3	136X	133X	106	100
280-74253-35	PIN12-0584-1	108	116	96	101
280-74253-36	PIN12-0584-2	106	116	94	99
280-74253-37	PIN12-0584-3	106	118	93	98
280-74253-38	PIN12-0585-1	107	119	94	102
280-74253-39	PIN12-0585-2	107	118	97	94
280-74253-39 DL	PIN12-0585-2 DL	113	125	100	97
280-74253-40	PIN12-0585-3	108	119	96	103
280-74253-40 DL	PIN12-0585-3 DL	107	118	95	92
280-74253-41	PIN12-0587-1	92	100	92	95
280-74253-42	PIN12-0587-2	107	115	85	88
280-74253-42 DL	PIN12-0587-2 DL	115	127	98	103
280-74253-43	PIN12-0587-3	115	123	94	106
280-74253-44	PIN12-0588-1	110	117	91	99
280-74253-45	PIN12-0588-2	114	113	100	99
280-74253-46	PIN12-0588-3	97	105	95	97
280-74253-47	PIN99-2198	126X	141X	105	112
280-74253-48	PIN12-2451	91	95	95	93
280-74253-49	PIN12-2452	112	123	97	95
280-74253-49 DL	PIN12-2452 DL	108	118	97	93
280-74253-50	PIN12-2453	94	100	95	97
280-74253-50 DL	PIN12-2453 DL	117	111	89	83
280-74253-51	PIN12-2454	97	110	91	95

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane (Surr)	77-120
DCA = 1,2-Dichloroethane-d4 (Surr)	70-127
TOL = Toluene-d8 (Surr)	80-125
BFB = 4-Bromofluorobenzene (Surr)	78-120

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DBFM %Rec	DCA %Rec	TOL %Rec	BFB %Rec
280-74253-51 DL	PIN12-2454 DL	96	102	97	94
280-74253-52	PIN99-2689	125X	122	95	91
280-74253-53	PIN12-S73D	109	124	95	94
MB 280-296162/6		110	116	94	93
MB 280-296292/6		102	103	95	96
MB 280-296303/5		106	111	93	89
MB 280-296439/6		101	94	100	93
MB 280-296465/5		90	93	94	92
MB 280-296466/5		119	109	100	89
LCS 280-296162/4		111	116	98	94
LCS 280-296292/4		103	107	96	95
LCS 280-296303/4		92	103	86	82
LCS 280-296439/4		102	101	108	100
LCS 280-296465/4		93	97	93	92
LCS 280-296466/4		118	108	96	89
LCSD 280-296162/5		108	117	97	93
LCSD 280-296292/5		99	102	93	92
280-74253-3 MS	PIN12-0561-1 MS	103	108	94	92
280-74253-42 MS	PIN12-0587-2 MS	112	126	97	90
280-74253-50 MS	PIN12-2453 MS	95	105	93	94
280-74108-AL-9 MS		107	116	91	91
280-74230-B-1 MS		98	94	108	95
280-74268-F-1 MS		135X	134X	101	94
280-74253-3 MSD	PIN12-0561-1 MSD	105	109	89	94
280-74253-42 MSD	PIN12-0587-2 MSD	115	128X	98	93
280-74253-50 MSD	PIN12-2453 MSD	94	103	92	93
280-74108-AL-9 MSD		107	116	94	92
280-74230-B-1 MSD		99	96	107	94
280-74268-F-1 MSD		118	114	88	83

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane (Surr)	77-120
DCA = 1,2-Dichloroethane-d4 (Surr)	70-127
TOL = Toluene-d8 (Surr)	80-125
BFB = 4-Bromofluorobenzene (Surr)	78-120

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Surrogate Recovery Report

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCA %Rec
280-74253-1	PIN12-0524	94
280-74253-2	PIN12-0525	95
280-74253-3	PIN12-0561-1	98
280-74253-4	PIN12-0561-2	93
280-74253-5	PIN12-0561-3	81
280-74253-6	PIN12-0565-1	84
280-74253-7	PIN12-0565-2	81
280-74253-8	PIN12-0565-3	84
280-74253-9	PIN12-0574-1	83
280-74253-10	PIN12-0574-2	80
280-74253-11	PIN12-0574-3	86
280-74253-12	PIN12-0575-1	86
280-74253-13	PIN12-0575-2	82
280-74253-14	PIN12-0576-1	85
280-74253-15	PIN12-0576-2	87
280-74253-16	PIN12-0576-3	98
280-74253-18	PIN12-0577-2	90
280-74253-19	PIN12-0577-3	107
280-74253-20	PIN12-0579-1	101
280-74253-21	PIN12-0579-2	101
280-74253-22	PIN12-0579-3	102
280-74253-23	PIN12-0580-1	90
280-74253-24	PIN12-0580-2	100
280-74253-25	PIN12-0580-3	98
280-74253-26	PIN12-0581-1	97
280-74253-27	PIN12-0581-2	95
280-74253-28	PIN12-0581-3	97
280-74253-29	PIN12-0582-1	96
280-74253-30	PIN12-0582-2	104

Surrogate

Acceptance Limits

DCA = 1,2-Dichloroethane-d4 (Surr)

70-127

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Surrogate Recovery Report

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCA %Rec
280-74253-31	PIN12-0582-3	102
280-74253-32	PIN12-0583-1	97
280-74253-33	PIN12-0583-2	100
280-74253-34	PIN12-0583-3	101
280-74253-35	PIN12-0584-1	94
280-74253-36	PIN12-0584-2	101
280-74253-37	PIN12-0584-3	96
280-74253-38	PIN12-0585-1	93
280-74253-39	PIN12-0585-2	92
280-74253-40	PIN12-0585-3	95
280-74253-41	PIN12-0587-1	92
280-74253-42	PIN12-0587-2	98
280-74253-43	PIN12-0587-3	91
280-74253-44	PIN12-0588-1	95
280-74253-45	PIN12-0588-2	96
280-74253-46	PIN12-0588-3	95
280-74253-48	PIN12-2451	97
280-74253-49	PIN12-2452	95
280-74253-50	PIN12-2453	93
280-74253-51	PIN12-2454	102
280-74253-53	PIN12-S73D	95
MB 280-295273/14		101
MB 280-295463/5		93
MB 280-295743/5		80
MB 280-295920/5		97
LCS 280-295273/12		106
LCS 280-295463/3		91
LCS 280-295743/3		81
LCS 280-295920/3		99
LCSD 280-295273/13		105

Surrogate

Acceptance Limits

DCA = 1,2-Dichloroethane-d4 (Surr)

70-127

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Surrogate Recovery Report

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCA %Rec
280-74253-4 MS	PIN12-0561-2 MS	98
280-74253-5 MS	PIN12-0561-3 MS	85
280-74253-18 MS	PIN12-0577-2 MS	101
280-74205-M-2 MS		111
280-74253-4 MSD	PIN12-0561-2 MSD	94
280-74253-5 MSD	PIN12-0561-3 MSD	82
280-74253-18 MSD	PIN12-0577-2 MSD	102
280-74205-M-2 MSD		107

Surrogate

Acceptance Limits

DCA = 1,2-Dichloroethane-d4 (Surr)

70-127

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Method Blank - Batch: 280-296162

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 280-296162/6
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 09/23/2015 1103
 Prep Date: 09/23/2015 1103
 Leach Date: N/A

Analysis Batch: 280-296162
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VMS_R1
 Lab File ID: R0448.D
 Initial Weight/Volume: 20 mL
 Final Weight/Volume: 20 mL

Analyte	Result	Qual	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Method Blank - Batch: 280-296162

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 280-296162/6
Client Matrix: Water
Dilution: 1.0
Analysis Date: 09/23/2015 1103
Prep Date: 09/23/2015 1103
Leach Date: N/A

Analysis Batch: 280-296162
Prep Batch: N/A
Leach Batch: N/A
Units: ug/L

Instrument ID: VMS_R1
Lab File ID: R0448.D
Initial Weight/Volume: 20 mL
Final Weight/Volume: 20 mL

Analyte	Result	Qual	MDL	RL
n-Propylbenzene	0.16	U	0.16	1.0
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	116	70 - 127
Toluene-d8 (Surr)	94	80 - 125
4-Bromofluorobenzene (Surr)	93	78 - 120
Dibromofluoromethane (Surr)	110	77 - 120

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Lab Control Sample/

Method: 8260B

Lab Control Sample Duplicate Recovery Report - Batch: 280-296162

Preparation: 5030B

LCS Lab Sample ID: LCS 280-296162/4	Analysis Batch: 280-296162	Instrument ID: VMS_R1
Client Matrix: Water	Prep Batch: N/A	Lab File ID: R0447.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 09/23/2015 1043	Units: ug/L	Final Weight/Volume: 20 mL
Prep Date: 09/23/2015 1043		20 mL
Leach Date: N/A		

LCSD Lab Sample ID: LCSD 280-296162/5	Analysis Batch: 280-296162	Instrument ID: VMS_R1
Client Matrix: Water	Prep Batch: N/A	Lab File ID: R0450.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 09/23/2015 1157	Units: ug/L	Final Weight/Volume: 20 mL
Prep Date: 09/23/2015 1157		20 mL
Leach Date: N/A		

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Benzene	94	91	65 - 135	3	20		
Bromodichloromethane	91	93	65 - 135	2	20		
Carbon tetrachloride	117	112	65 - 135	5	21		
Chlorobenzene	88	87	65 - 135	1	20		
Chloroform	106	102	65 - 135	3	20		
1,3-Dichlorobenzene	87	84	65 - 135	4	20		
1,1-Dichloroethane	106	101	65 - 135	4	21		
trans-1,2-Dichloroethene	101	96	65 - 135	5	24		
1,1-Dichloroethene	93	89	65 - 136	5	20		
1,2-Dichloropropane	91	92	64 - 135	1	20		
Ethylbenzene	86	83	65 - 135	3	20		
Methylene Chloride	108	103	54 - 141	5	26		
Tetrachloroethene	90	88	65 - 135	2	20		
Toluene	94	99	65 - 135	5	20		
1,1,1-Trichloroethane	110	104	65 - 135	6	20		
Trichloroethene	94	94	65 - 135	0	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	116	117	70 - 127
Toluene-d8 (Surr)	98	97	80 - 125
4-Bromofluorobenzene (Surr)	94	93	78 - 120
Dibromofluoromethane (Surr)	111	108	77 - 120

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

**Laboratory Control/
Laboratory Duplicate Data Report - Batch: 280-296162**

**Method: 8260B
Preparation: 5030B**

LCS Lab Sample ID: LCS 280-296162/4 Units: ug/L
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 09/23/2015 1043
 Prep Date: 09/23/2015 1043
 Leach Date: N/A

LCSD Lab Sample ID: LCSD 280-296162/5
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 09/23/2015 1157
 Prep Date: 09/23/2015 1157
 Leach Date: N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Benzene	5.00	5.00	4.68	4.56
Bromodichloromethane	5.00	5.00	4.56	4.64
Carbon tetrachloride	5.00	5.00	5.86	5.59
Chlorobenzene	5.00	5.00	4.42	4.37
Chloroform	5.00	5.00	5.28	5.12
1,3-Dichlorobenzene	5.00	5.00	4.33	4.18
1,1-Dichloroethane	5.00	5.00	5.28	5.05
trans-1,2-Dichloroethene	5.00	5.00	5.04	4.78
1,1-Dichloroethene	5.00	5.00	4.67	4.43
1,2-Dichloropropane	5.00	5.00	4.57	4.60
Ethylbenzene	5.00	5.00	4.30	4.16
Methylene Chloride	5.00	5.00	5.39	5.13
Tetrachloroethene	5.00	5.00	4.50	4.40
Toluene	5.00	5.00	4.68	4.93
1,1,1-Trichloroethane	5.00	5.00	5.52	5.22
Trichloroethene	5.00	5.00	4.71	4.71

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-296162**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID: 280-74108-AL-9 MS	Analysis Batch: 280-296162	Instrument ID: VMS_R1
Client Matrix: Water	Prep Batch: N/A	Lab File ID: R0453.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 09/23/2015 1315		Final Weight/Volume: 20 mL
Prep Date: 09/23/2015 1315		20 mL
Leach Date: N/A		

MSD Lab Sample ID: 280-74108-AL-9 MSD	Analysis Batch: 280-296162	Instrument ID: VMS_R1
Client Matrix: Water	Prep Batch: N/A	Lab File ID: R0454.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 09/23/2015 1335		Final Weight/Volume: 20 mL
Prep Date: 09/23/2015 1335		20 mL
Leach Date: N/A		

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Benzene	88	94	65 - 135	6	20		
Bromodichloromethane	90	96	65 - 135	7	20		
Carbon tetrachloride	108	110	65 - 135	2	21		
Chlorobenzene	83	89	65 - 135	7	20		
Chloroform	102	107	65 - 135	5	20		
1,3-Dichlorobenzene	80	87	65 - 135	8	20		
1,1-Dichloroethane	102	106	65 - 135	5	21		
trans-1,2-Dichloroethene	92	100	65 - 135	8	24		
1,1-Dichloroethene	83	90	65 - 136	8	20		
1,2-Dichloropropane	89	95	64 - 135	6	20		
Ethylbenzene	79	84	65 - 135	6	20		
Methylene Chloride	93	104	54 - 141	11	26		
Tetrachloroethene	80	88	65 - 135	9	20		
Toluene	91	95	65 - 135	4	20		
1,1,1-Trichloroethane	101	104	65 - 135	3	20		
Trichloroethene	90	94	65 - 135	4	20		
Surrogate		MS % Rec	MSD % Rec			Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		116	116			70 - 127	
Toluene-d8 (Surr)		91	94			80 - 125	
4-Bromofluorobenzene (Surr)		91	92			78 - 120	
Dibromofluoromethane (Surr)		107	107			77 - 120	

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-296162**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID: 280-74108-AL-9 MS Units: ug/L
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 09/23/2015 1315
 Prep Date: 09/23/2015 1315
 Leach Date: N/A

MSD Lab Sample ID: 280-74108-AL-9 MSD
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 09/23/2015 1335
 Prep Date: 09/23/2015 1335
 Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Benzene	0.16	U	5.00	5.00	4.39	4.69
Bromodichloromethane	0.17	U	5.00	5.00	4.48	4.82
Carbon tetrachloride	0.19	U	5.00	5.00	5.38	5.49
Chlorobenzene	0.17	U	5.00	5.00	4.16	4.47
Chloroform	0.16	U	5.00	5.00	5.12	5.37
1,3-Dichlorobenzene	0.13	U	5.00	5.00	4.00	4.34
1,1-Dichloroethane	0.22	U	5.00	5.00	5.08	5.32
trans-1,2-Dichloroethene	0.15	U	5.00	5.00	4.58	4.98
1,1-Dichloroethene	0.23	U	5.00	5.00	4.17	4.51
1,2-Dichloropropane	0.18	U	5.00	5.00	4.44	4.73
Ethylbenzene	0.16	U	5.00	5.00	3.94	4.19
Methylene Chloride	0.32	U	5.00	5.00	4.64	5.20
Tetrachloroethene	0.20	U	5.00	5.00	4.01	4.38
Toluene	0.17	U	5.00	5.00	4.57	4.76
1,1,1-Trichloroethane	0.16	U	5.00	5.00	5.03	5.18
Trichloroethene	0.16	U	5.00	5.00	4.51	4.70

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Method Blank - Batch: 280-296292

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 280-296292/6
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 09/24/2015 0848
 Prep Date: 09/24/2015 0848
 Leach Date: N/A

Analysis Batch: 280-296292
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VMS_MS1
 Lab File ID: MS2867.D
 Initial Weight/Volume: 20 mL
 Final Weight/Volume: 20 mL

Analyte	Result	Qual	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Method Blank - Batch: 280-296292

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 280-296292/6
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 09/24/2015 0848
 Prep Date: 09/24/2015 0848
 Leach Date: N/A

Analysis Batch: 280-296292
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VMS_MS1
 Lab File ID: MS2867.D
 Initial Weight/Volume: 20 mL
 Final Weight/Volume: 20 mL

Analyte	Result	Qual	MDL	RL
n-Propylbenzene	0.16	U	0.16	1.0
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103	70 - 127
Toluene-d8 (Surr)	95	80 - 125
4-Bromofluorobenzene (Surr)	96	78 - 120
Dibromofluoromethane (Surr)	102	77 - 120

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Lab Control Sample/

Method: 8260B

Lab Control Sample Duplicate Recovery Report - Batch: 280-296292

Preparation: 5030B

LCS Lab Sample ID: LCS 280-296292/4	Analysis Batch: 280-296292	Instrument ID: VMS_MS1
Client Matrix: Water	Prep Batch: N/A	Lab File ID: MS2865.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 0807	Units: ug/L	Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 0807		20 mL
Leach Date: N/A		

LCSD Lab Sample ID: LCSD 280-296292/5	Analysis Batch: 280-296292	Instrument ID: VMS_MS1
Client Matrix: Water	Prep Batch: N/A	Lab File ID: MS2866.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 0827	Units: ug/L	Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 0827		20 mL
Leach Date: N/A		

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Benzene	107	107	65 - 135	1	20		
Bromodichloromethane	111	111	65 - 135	0	20		
Carbon tetrachloride	115	122	65 - 135	6	21		
Chlorobenzene	96	96	65 - 135	1	20		
Chloroform	111	110	65 - 135	1	20		
1,3-Dichlorobenzene	93	96	65 - 135	2	20		
1,1-Dichloroethane	109	111	65 - 135	1	21		
trans-1,2-Dichloroethene	100	104	65 - 135	4	24		
1,1-Dichloroethene	93	99	65 - 136	5	20		
1,2-Dichloropropane	103	104	64 - 135	1	20		
Ethylbenzene	92	99	65 - 135	7	20		
Methylene Chloride	102	102	54 - 141	0	26		
Tetrachloroethene	96	105	65 - 135	9	20		
Toluene	113	116	65 - 135	3	20		
1,1,1-Trichloroethane	117	120	65 - 135	3	20		
Trichloroethene	105	111	65 - 135	5	20		
Surrogate	LCS % Rec		LCSD % Rec	Acceptance Limits			
1,2-Dichloroethane-d4 (Surr)	107		102	70 - 127			
Toluene-d8 (Surr)	96		93	80 - 125			
4-Bromofluorobenzene (Surr)	95		92	78 - 120			
Dibromofluoromethane (Surr)	103		99	77 - 120			

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74253-1
Sdg Number: 15087320

**Laboratory Control/
Laboratory Duplicate Data Report - Batch: 280-296292**

**Method: 8260B
Preparation: 5030B**

LCS Lab Sample ID: LCS 280-296292/4 Units: ug/L
Client Matrix: Water
Dilution: 1.0
Analysis Date: 09/24/2015 0807
Prep Date: 09/24/2015 0807
Leach Date: N/A

LCSD Lab Sample ID: LCSD 280-296292/5
Client Matrix: Water
Dilution: 1.0
Analysis Date: 09/24/2015 0827
Prep Date: 09/24/2015 0827
Leach Date: N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Benzene	5.00	5.00	5.33	5.36
Bromodichloromethane	5.00	5.00	5.57	5.56
Carbon tetrachloride	5.00	5.00	5.74	6.11
Chlorobenzene	5.00	5.00	4.78	4.82
Chloroform	5.00	5.00	5.56	5.52
1,3-Dichlorobenzene	5.00	5.00	4.66	4.78
1,1-Dichloroethane	5.00	5.00	5.47	5.55
trans-1,2-Dichloroethene	5.00	5.00	4.99	5.19
1,1-Dichloroethene	5.00	5.00	4.67	4.93
1,2-Dichloropropane	5.00	5.00	5.14	5.21
Ethylbenzene	5.00	5.00	4.62	4.96
Methylene Chloride	5.00	5.00	5.10	5.12
Tetrachloroethene	5.00	5.00	4.80	5.23
Toluene	5.00	5.00	5.66	5.81
1,1,1-Trichloroethane	5.00	5.00	5.83	6.02
Trichloroethene	5.00	5.00	5.26	5.55

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-296292**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID: 280-74253-3	Analysis Batch: 280-296292	Instrument ID: VMS_MS1
Client Matrix: Water	Prep Batch: N/A	Lab File ID: MS2871.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1018		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1018		20 mL
Leach Date: N/A		

MSD Lab Sample ID: 280-74253-3	Analysis Batch: 280-296292	Instrument ID: VMS_MS1
Client Matrix: Water	Prep Batch: N/A	Lab File ID: MS2872.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1038		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1038		20 mL
Leach Date: N/A		

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Benzene	108	110	65 - 135	2	20		
Bromodichloromethane	115	117	65 - 135	1	20		
Carbon tetrachloride	130	130	65 - 135	0	21		
Chlorobenzene	98	94	65 - 135	5	20		
Chloroform	117	118	65 - 135	1	20		
1,3-Dichlorobenzene	94	96	65 - 135	3	20		
1,1-Dichloroethane	117	117	65 - 135	1	21		
trans-1,2-Dichloroethene	108	108	65 - 135	0	24		
1,1-Dichloroethene	101	99	65 - 136	2	20		
1,2-Dichloropropane	106	109	64 - 135	3	20		
Ethylbenzene	97	95	65 - 135	3	20		
Methylene Chloride	95	98	54 - 141	4	26		
Tetrachloroethene	102	97	65 - 135	5	20		
Toluene	118	118	65 - 135	0	20		
1,1,1-Trichloroethane	127	127	65 - 135	0	20		
Trichloroethene	111	115	65 - 135	4	20		
Surrogate		MS % Rec	MSD % Rec			Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		108	109			70 - 127	
Toluene-d8 (Surr)		94	89			80 - 125	
4-Bromofluorobenzene (Surr)		92	94			78 - 120	
Dibromofluoromethane (Surr)		103	105			77 - 120	

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-296292**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID: 280-74253-3 Units: ug/L
Client Matrix: Water
Dilution: 1.0
Analysis Date: 09/24/2015 1018
Prep Date: 09/24/2015 1018
Leach Date: N/A

MSD Lab Sample ID: 280-74253-3
Client Matrix: Water
Dilution: 1.0
Analysis Date: 09/24/2015 1038
Prep Date: 09/24/2015 1038
Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Benzene	0.16	U	5.00	5.00	5.40	5.51
Bromodichloromethane	0.17	U	5.00	5.00	5.77	5.84
Carbon tetrachloride	0.19	U	5.00	5.00	6.49	6.49
Chlorobenzene	0.17	U	5.00	5.00	4.92	4.69
Chloroform	0.16	U	5.00	5.00	5.85	5.92
1,3-Dichlorobenzene	0.13	U	5.00	5.00	4.70	4.82
1,1-Dichloroethane	0.22	U	5.00	5.00	5.84	5.87
trans-1,2-Dichloroethene	0.15	U	5.00	5.00	5.41	5.40
1,1-Dichloroethene	0.23	U	5.00	5.00	5.07	4.96
1,2-Dichloropropane	0.18	U	5.00	5.00	5.29	5.45
Ethylbenzene	0.16	U	5.00	5.00	4.86	4.73
Methylene Chloride	0.32	U	5.00	5.00	4.73	4.90
Tetrachloroethene	0.20	U	5.00	5.00	5.08	4.84
Toluene	0.17	U	5.00	5.00	5.89	5.89
1,1,1-Trichloroethane	0.16	U	5.00	5.00	6.36	6.33
Trichloroethene	0.16	U	5.00	5.00	5.53	5.74

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Method Blank - Batch: 280-296303

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 280-296303/5
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 09/24/2015 0915
 Prep Date: 09/24/2015 0915
 Leach Date: N/A

Analysis Batch: 280-296303
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VMS_R1
 Lab File ID: R0485.D
 Initial Weight/Volume: 20 mL
 Final Weight/Volume: 20 mL

Analyte	Result	Qual	MDL	RL
Acetone	2.78	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Method Blank - Batch: 280-296303

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 280-296303/5
Client Matrix: Water
Dilution: 1.0
Analysis Date: 09/24/2015 0915
Prep Date: 09/24/2015 0915
Leach Date: N/A

Analysis Batch: 280-296303
Prep Batch: N/A
Leach Batch: N/A
Units: ug/L

Instrument ID: VMS_R1
Lab File ID: R0485.D
Initial Weight/Volume: 20 mL
Final Weight/Volume: 20 mL

Analyte	Result	Qual	MDL	RL
n-Propylbenzene	0.16	U	0.16	1.0
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	111	70 - 127
Toluene-d8 (Surr)	93	80 - 125
4-Bromofluorobenzene (Surr)	89	78 - 120
Dibromofluoromethane (Surr)	106	77 - 120

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Lab Control Sample - Batch: 280-296303

Method: 8260B

Preparation: 5030B

Lab Sample ID: LCS 280-296303/4	Analysis Batch: 280-296303	Instrument ID: VMS_R1
Client Matrix: Water	Prep Batch: N/A	Lab File ID: R0486.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 0934	Units: ug/L	Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 0934		
Leach Date: N/A		

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	5.00	4.41	88	65 - 135	
Bromodichloromethane	5.00	4.24	85	65 - 135	
Carbon tetrachloride	5.00	5.28	106	65 - 135	
Chlorobenzene	5.00	4.13	83	65 - 135	
Chloroform	5.00	4.93	99	65 - 135	
1,3-Dichlorobenzene	5.00	4.09	82	65 - 135	
1,1-Dichloroethane	5.00	4.78	96	65 - 135	
trans-1,2-Dichloroethene	5.00	4.70	94	65 - 135	
1,1-Dichloroethene	5.00	4.53	91	65 - 136	
1,2-Dichloropropane	5.00	4.37	87	64 - 135	
Ethylbenzene	5.00	3.98	80	65 - 135	
Methylene Chloride	5.00	4.51	90	54 - 141	
Tetrachloroethene	5.00	4.29	86	65 - 135	
Toluene	5.00	4.64	93	65 - 135	
1,1,1-Trichloroethane	5.00	5.03	101	65 - 135	
Trichloroethene	5.00	4.48	90	65 - 135	
Surrogate		% Rec		Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		103		70 - 127	
Toluene-d8 (Surr)		86		80 - 125	
4-Bromofluorobenzene (Surr)		82		78 - 120	
Dibromofluoromethane (Surr)		92		77 - 120	

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-296303**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID: 280-74253-42	Analysis Batch: 280-296303	Instrument ID: VMS_R1
Client Matrix: Water	Prep Batch: N/A	Lab File ID: R0499.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 10 mL
Analysis Date: 09/24/2015 1414		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1414		20 mL
Leach Date: N/A		

MSD Lab Sample ID: 280-74253-42	Analysis Batch: 280-296303	Instrument ID: VMS_R1
Client Matrix: Water	Prep Batch: N/A	Lab File ID: R0500.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 10 mL
Analysis Date: 09/24/2015 1434		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1434		20 mL
Leach Date: N/A		

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Benzene	99	113	65 - 135	12	20		
Bromodichloromethane	102	114	65 - 135	11	20		
Carbon tetrachloride	122	134	65 - 135	10	21		
Chlorobenzene	93	101	65 - 135	8	20		
Chloroform	116	130	65 - 135	11	20		
1,3-Dichlorobenzene	86	98	65 - 135	13	20		
1,1-Dichloroethane	113	129	65 - 135	11	21		
trans-1,2-Dichloroethene	103	146	65 - 135	12	24		F1
1,1-Dichloroethene	106	140	65 - 136	12	20		F1
1,2-Dichloropropane	99	110	64 - 135	10	20		
Ethylbenzene	88	95	65 - 135	8	20		
Methylene Chloride	115	132	54 - 141	14	26		
Tetrachloroethene	91	100	65 - 135	10	20		
Toluene	98	110	65 - 135	11	20		
1,1,1-Trichloroethane	114	127	65 - 135	11	20		
Trichloroethene	98	123	65 - 135	11	20		
Surrogate		MS % Rec	MSD % Rec			Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		126	128	X		70 - 127	
Toluene-d8 (Surr)		97	98			80 - 125	
4-Bromofluorobenzene (Surr)		90	93			78 - 120	
Dibromofluoromethane (Surr)		112	115			77 - 120	

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-296303**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID: 280-74253-42 Units: ug/L
Client Matrix: Water
Dilution: 1.0
Analysis Date: 09/24/2015 1414
Prep Date: 09/24/2015 1414
Leach Date: N/A

MSD Lab Sample ID: 280-74253-42
Client Matrix: Water
Dilution: 1.0
Analysis Date: 09/24/2015 1434
Prep Date: 09/24/2015 1434
Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual	
Benzene	0.96	J	10.0	10.0	10.9	12.3	
Bromodichloromethane	0.34	U	10.0	10.0	10.2	11.4	
Carbon tetrachloride	0.38	U	10.0	10.0	12.2	13.4	
Chlorobenzene	0.34	U	10.0	10.0	9.30	10.1	
Chloroform	0.32	U	10.0	10.0	11.6	13.0	
1,3-Dichlorobenzene	0.26	U	10.0	10.0	8.65	9.84	
1,1-Dichloroethane	1.8	J	10.0	10.0	13.2	14.7	
trans-1,2-Dichloroethene	23		10.0	10.0	33.0	37.3	F1
1,1-Dichloroethene	15		10.0	10.0	26.0	29.4	F1
1,2-Dichloropropane	0.36	U	10.0	10.0	9.94	11.0	
Ethylbenzene	0.32	U	10.0	10.0	8.79	9.55	
Methylene Chloride	0.64	U	10.0	10.0	11.5	13.2	
Tetrachloroethene	0.40	U	10.0	10.0	9.05	9.98	
Toluene	0.85	J	10.0	10.0	10.6	11.8	
1,1,1-Trichloroethane	0.32	U	10.0	10.0	11.4	12.7	
Trichloroethene	10		10.0	10.0	20.0	22.5	

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Method Blank - Batch: 280-296439

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 280-296439/6
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 09/24/2015 2202
 Prep Date: 09/24/2015 2202
 Leach Date: N/A

Analysis Batch: 280-296439
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VMS_H
 Lab File ID: H7397.D
 Initial Weight/Volume: 20 mL
 Final Weight/Volume: 20 mL

Analyte	Result	Qual	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.350	J	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Method Blank - Batch: 280-296439

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 280-296439/6
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 09/24/2015 2202
 Prep Date: 09/24/2015 2202
 Leach Date: N/A

Analysis Batch: 280-296439
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VMS_H
 Lab File ID: H7397.D
 Initial Weight/Volume: 20 mL
 Final Weight/Volume: 20 mL

Analyte	Result	Qual	MDL	RL
n-Propylbenzene	0.16	U	0.16	1.0
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94	70 - 127
Toluene-d8 (Surr)	100	80 - 125
4-Bromofluorobenzene (Surr)	93	78 - 120
Dibromofluoromethane (Surr)	101	77 - 120

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Lab Control Sample - Batch: 280-296439

Method: 8260B

Preparation: 5030B

Lab Sample ID: LCS 280-296439/4	Analysis Batch: 280-296439	Instrument ID: VMS_H
Client Matrix: Water	Prep Batch: N/A	Lab File ID: H7395.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 2116	Units: ug/L	Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 2116		
Leach Date: N/A		

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	5.00	5.49	110	65 - 135	
Bromodichloromethane	5.00	4.81	96	65 - 135	
Carbon tetrachloride	5.00	4.77	95	65 - 135	
Chlorobenzene	5.00	4.93	99	65 - 135	
Chloroform	5.00	5.16	103	65 - 135	
1,3-Dichlorobenzene	5.00	5.45	109	65 - 135	
1,1-Dichloroethane	5.00	5.24	105	65 - 135	
trans-1,2-Dichloroethene	5.00	5.46	109	65 - 135	
1,1-Dichloroethene	5.00	5.01	100	65 - 136	
1,2-Dichloropropane	5.00	5.40	108	64 - 135	
Ethylbenzene	5.00	4.84	97	65 - 135	
Methylene Chloride	5.00	5.60	112	54 - 141	
Tetrachloroethene	5.00	5.13	103	65 - 135	
Toluene	5.00	5.62	112	65 - 135	
1,1,1-Trichloroethane	5.00	4.80	96	65 - 135	
Trichloroethene	5.00	5.29	106	65 - 135	
Surrogate		% Rec		Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		101		70 - 127	
Toluene-d8 (Surr)		108		80 - 125	
4-Bromofluorobenzene (Surr)		100		78 - 120	
Dibromofluoromethane (Surr)		102		77 - 120	

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-296439**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID: 280-74230-B-1 MS	Analysis Batch: 280-296439	Instrument ID: VMS_H
Client Matrix: Water	Prep Batch: N/A	Lab File ID: H7399.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 2248		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 2248		20 mL
Leach Date: N/A		

MSD Lab Sample ID: 280-74230-B-1 MSD	Analysis Batch: 280-296439	Instrument ID: VMS_H
Client Matrix: Water	Prep Batch: N/A	Lab File ID: H7400.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 2310		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 2310		20 mL
Leach Date: N/A		

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Benzene	113	110	65 - 135	2	20		
Bromodichloromethane	98	94	65 - 135	5	20		
Carbon tetrachloride	101	98	65 - 135	2	21		
Chlorobenzene	107	101	65 - 135	6	20		
Chloroform	106	103	65 - 135	3	20		
1,3-Dichlorobenzene	111	96	65 - 135	14	20		
1,1-Dichloroethane	108	106	65 - 135	2	21		
trans-1,2-Dichloroethene	113	109	65 - 135	3	24		
1,1-Dichloroethene	108	104	65 - 136	4	20		
1,2-Dichloropropane	109	106	64 - 135	3	20		
Ethylbenzene	104	102	65 - 135	2	20		
Methylene Chloride	124	127	54 - 141	2	26		
Tetrachloroethene	111	108	65 - 135	3	20		
Toluene	117	116	65 - 135	1	20		
1,1,1-Trichloroethane	101	98	65 - 135	3	20		
Trichloroethene	112	108	65 - 135	3	20		
Surrogate		MS % Rec	MSD % Rec			Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		94	96			70 - 127	
Toluene-d8 (Surr)		108	107			80 - 125	
4-Bromofluorobenzene (Surr)		95	94			78 - 120	
Dibromofluoromethane (Surr)		98	99			77 - 120	

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-296439**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID: 280-74230-B-1 MS Units: ug/L
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 09/24/2015 2248
 Prep Date: 09/24/2015 2248
 Leach Date: N/A

MSD Lab Sample ID: 280-74230-B-1 MSD
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 09/24/2015 2310
 Prep Date: 09/24/2015 2310
 Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Benzene	0.16	U	5.00	5.00	5.64	5.52
Bromodichloromethane	0.17	U	5.00	5.00	4.92	4.71
Carbon tetrachloride	0.19	U	5.00	5.00	5.03	4.92
Chlorobenzene	0.17	U	5.00	5.00	5.35	5.06
Chloroform	0.16	U	5.00	5.00	5.30	5.16
1,3-Dichlorobenzene	0.13	U	5.00	5.00	5.55	4.82
1,1-Dichloroethane	0.22	U	5.00	5.00	5.41	5.30
trans-1,2-Dichloroethene	0.15	U	5.00	5.00	5.63	5.44
1,1-Dichloroethene	0.23	U	5.00	5.00	5.39	5.18
1,2-Dichloropropane	0.18	U	5.00	5.00	5.45	5.31
Ethylbenzene	0.16	U	5.00	5.00	5.19	5.08
Methylene Chloride	0.32	U	5.00	5.00	6.22	6.35
Tetrachloroethene	0.20	U	5.00	5.00	5.57	5.41
Toluene	0.17	U	5.00	5.00	5.87	5.82
1,1,1-Trichloroethane	0.16	U	5.00	5.00	5.03	4.88
Trichloroethene	0.16	U	5.00	5.00	5.59	5.41

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Method Blank - Batch: 280-296465

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 280-296465/5
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 09/25/2015 1602
 Prep Date: 09/25/2015 1602
 Leach Date: N/A

Analysis Batch: 280-296465
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VMS_G
 Lab File ID: G8643.D
 Initial Weight/Volume: 20 mL
 Final Weight/Volume: 20 mL

Analyte	Result	Qual	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.456	J	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Method Blank - Batch: 280-296465

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 280-296465/5
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 09/25/2015 1602
 Prep Date: 09/25/2015 1602
 Leach Date: N/A

Analysis Batch: 280-296465
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VMS_G
 Lab File ID: G8643.D
 Initial Weight/Volume: 20 mL
 Final Weight/Volume: 20 mL

Analyte	Result	Qual	MDL	RL
n-Propylbenzene	0.16	U	0.16	1.0
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93	70 - 127
Toluene-d8 (Surr)	94	80 - 125
4-Bromofluorobenzene (Surr)	92	78 - 120
Dibromofluoromethane (Surr)	90	77 - 120

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Lab Control Sample - Batch: 280-296465

Method: 8260B

Preparation: 5030B

Lab Sample ID: LCS 280-296465/4	Analysis Batch: 280-296465	Instrument ID: VMS_G
Client Matrix: Water	Prep Batch: N/A	Lab File ID: G8642.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 09/25/2015 1538	Units: ug/L	Final Weight/Volume: 20 mL
Prep Date: 09/25/2015 1538		
Leach Date: N/A		

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	5.00	4.78	96	65 - 135	
Bromodichloromethane	5.00	4.72	94	65 - 135	
Carbon tetrachloride	5.00	4.58	92	65 - 135	
Chlorobenzene	5.00	4.75	95	65 - 135	
Chloroform	5.00	4.76	95	65 - 135	
1,3-Dichlorobenzene	5.00	4.82	96	65 - 135	
1,1-Dichloroethane	5.00	4.97	99	65 - 135	
trans-1,2-Dichloroethene	5.00	5.01	100	65 - 135	
1,1-Dichloroethene	5.00	4.83	97	65 - 136	
1,2-Dichloropropane	5.00	4.86	97	64 - 135	
Ethylbenzene	5.00	4.71	94	65 - 135	
Methylene Chloride	5.00	5.44	109	54 - 141	
Tetrachloroethene	5.00	4.64	93	65 - 135	
Toluene	5.00	4.91	98	65 - 135	
1,1,1-Trichloroethane	5.00	4.60	92	65 - 135	
Trichloroethene	5.00	4.79	96	65 - 135	
Surrogate		% Rec		Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		97		70 - 127	
Toluene-d8 (Surr)		93		80 - 125	
4-Bromofluorobenzene (Surr)		92		78 - 120	
Dibromofluoromethane (Surr)		93		77 - 120	

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-296465**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID: 280-74253-50
Client Matrix: Water
Dilution: 1.0
Analysis Date: 09/25/2015 1802
Prep Date: 09/25/2015 1802
Leach Date: N/A

Analysis Batch: 280-296465
Prep Batch: N/A
Leach Batch: N/A

Instrument ID: VMS_G
Lab File ID: G8648.D
Initial Weight/Volume: 10 mL
Final Weight/Volume: 20 mL
20 mL

MSD Lab Sample ID: 280-74253-50
Client Matrix: Water
Dilution: 1.0
Analysis Date: 09/25/2015 1825
Prep Date: 09/25/2015 1825
Leach Date: N/A

Analysis Batch: 280-296465
Prep Batch: N/A
Leach Batch: N/A

Instrument ID: VMS_G
Lab File ID: G8649.D
Initial Weight/Volume: 10 mL
Final Weight/Volume: 20 mL
20 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Benzene	105	110	65 - 135	5	20		
Bromodichloromethane	103	109	65 - 135	6	20		
Carbon tetrachloride	98	103	65 - 135	5	21		
Chlorobenzene	100	103	65 - 135	3	20		
Chloroform	105	107	65 - 135	2	20		
1,3-Dichlorobenzene	102	108	65 - 135	6	20		
1,1-Dichloroethane	111	118	65 - 135	5	21		
trans-1,2-Dichloroethene	106	107	65 - 135	1	24		
1,1-Dichloroethene	104	109	65 - 136	5	20		
1,2-Dichloropropane	109	111	64 - 135	2	20		
Ethylbenzene	97	104	65 - 135	7	20		
Methylene Chloride	114	119	54 - 141	3	26		
Tetrachloroethene	97	99	65 - 135	2	20		
Toluene	105	109	65 - 135	3	20		
1,1,1-Trichloroethane	103	103	65 - 135	0	20		
Trichloroethene	104	108	65 - 135	4	20		
Surrogate		MS % Rec	MSD % Rec			Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		105	103			70 - 127	
Toluene-d8 (Surr)		93	92			80 - 125	
4-Bromofluorobenzene (Surr)		94	93			78 - 120	
Dibromofluoromethane (Surr)		95	94			77 - 120	

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-296465**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID: 280-74253-50 Units: ug/L
Client Matrix: Water
Dilution: 1.0
Analysis Date: 09/25/2015 1802
Prep Date: 09/25/2015 1802
Leach Date: N/A

MSD Lab Sample ID: 280-74253-50
Client Matrix: Water
Dilution: 1.0
Analysis Date: 09/25/2015 1825
Prep Date: 09/25/2015 1825
Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Benzene	0.32	U	10.0	10.0	10.5	11.0
Bromodichloromethane	0.34	U	10.0	10.0	10.3	10.9
Carbon tetrachloride	0.38	U	10.0	10.0	9.84	10.3
Chlorobenzene	0.34	U	10.0	10.0	9.97	10.3
Chloroform	0.32	U	10.0	10.0	10.5	10.7
1,3-Dichlorobenzene	0.26	U	10.0	10.0	10.2	10.8
1,1-Dichloroethane	0.44	U	10.0	10.0	11.1	11.8
trans-1,2-Dichloroethene	5.8		10.0	10.0	16.4	16.5
1,1-Dichloroethene	0.46	U	10.0	10.0	10.4	10.9
1,2-Dichloropropane	0.36	U	10.0	10.0	10.9	11.1
Ethylbenzene	0.32	U	10.0	10.0	9.68	10.4
Methylene Chloride	0.67	J	10.0	10.0	12.1	12.5
Tetrachloroethene	0.40	U	10.0	10.0	9.73	9.91
Toluene	0.41	J	10.0	10.0	10.9	11.3
1,1,1-Trichloroethane	0.32	U	10.0	10.0	10.3	10.3
Trichloroethene	0.32	U	10.0	10.0	10.4	10.8

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Method Blank - Batch: 280-296466

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 280-296466/5
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 09/25/2015 0901
 Prep Date: 09/25/2015 0901
 Leach Date: N/A

Analysis Batch: 280-296466
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VMS_G2
 Lab File ID: G2_7983.D
 Initial Weight/Volume: 20 mL
 Final Weight/Volume: 20 mL

Analyte	Result	Qual	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Method Blank - Batch: 280-296466

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 280-296466/5
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 09/25/2015 0901
 Prep Date: 09/25/2015 0901
 Leach Date: N/A

Analysis Batch: 280-296466
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VMS_G2
 Lab File ID: G2_7983.D
 Initial Weight/Volume: 20 mL
 Final Weight/Volume: 20 mL

Analyte	Result	Qual	MDL	RL
n-Propylbenzene	0.16	U	0.16	1.0
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	109	70 - 127
Toluene-d8 (Surr)	100	80 - 125
4-Bromofluorobenzene (Surr)	89	78 - 120
Dibromofluoromethane (Surr)	119	77 - 120

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Lab Control Sample - Batch: 280-296466

Method: 8260B

Preparation: 5030B

Lab Sample ID: LCS 280-296466/4
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 09/25/2015 0843
 Prep Date: 09/25/2015 0843
 Leach Date: N/A

Analysis Batch: 280-296466
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VMS_G2
 Lab File ID: G2_7982.D
 Initial Weight/Volume: 20 mL
 Final Weight/Volume: 20 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	5.00	5.82	116	65 - 135	
Bromodichloromethane	5.00	5.27	105	65 - 135	
Carbon tetrachloride	5.00	6.04	121	65 - 135	
Chlorobenzene	5.00	5.13	103	65 - 135	
Chloroform	5.00	5.61	112	65 - 135	
1,3-Dichlorobenzene	5.00	4.95	99	65 - 135	
1,1-Dichloroethane	5.00	5.66	113	65 - 135	
trans-1,2-Dichloroethene	5.00	6.23	125	65 - 135	
1,1-Dichloroethene	5.00	6.07	121	65 - 136	
1,2-Dichloropropane	5.00	5.43	109	64 - 135	
Ethylbenzene	5.00	5.03	101	65 - 135	
Methylene Chloride	5.00	5.42	108	54 - 141	
Tetrachloroethene	5.00	5.51	110	65 - 135	
Toluene	5.00	5.93	119	65 - 135	
1,1,1-Trichloroethane	5.00	5.81	116	65 - 135	
Trichloroethene	5.00	5.94	119	65 - 135	
Surrogate		% Rec		Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		108		70 - 127	
Toluene-d8 (Surr)		96		80 - 125	
4-Bromofluorobenzene (Surr)		89		78 - 120	
Dibromofluoromethane (Surr)		118		77 - 120	

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-296466**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID: 280-74268-F-1 MS	Analysis Batch: 280-296466	Instrument ID: VMS_G2
Client Matrix: Water	Prep Batch: N/A	Lab File ID: G2_8002.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 09/25/2015 1515		Final Weight/Volume: 20 mL
Prep Date: 09/25/2015 1515		20 mL
Leach Date: N/A		

MSD Lab Sample ID: 280-74268-F-1 MSD	Analysis Batch: 280-296466	Instrument ID: VMS_G2
Client Matrix: Water	Prep Batch: N/A	Lab File ID: G2_8003.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 09/25/2015 1534		Final Weight/Volume: 20 mL
Prep Date: 09/25/2015 1534		20 mL
Leach Date: N/A		

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Benzene	121	116	65 - 135	4	20		
Bromodichloromethane	123	117	65 - 135	5	20		
Carbon tetrachloride	138	131	65 - 135	5	21	F1	
Chlorobenzene	110	103	65 - 135	6	20		
Chloroform	129	124	65 - 135	4	20		
1,3-Dichlorobenzene	101	98	65 - 135	3	20		
1,1-Dichloroethane	126	120	65 - 135	5	21		
trans-1,2-Dichloroethene	130	124	65 - 135	5	24		
1,1-Dichloroethene	126	118	65 - 136	7	20		
1,2-Dichloropropane	114	110	64 - 135	4	20		
Ethylbenzene	105	97	65 - 135	8	20		
Methylene Chloride	125	113	54 - 141	10	26		
Tetrachloroethene	113	107	65 - 135	6	20		
Toluene	125	119	65 - 135	5	20		
1,1,1-Trichloroethane	133	126	65 - 135	6	20		
Trichloroethene	128	121	65 - 135	6	20		
Surrogate	MS % Rec		MSD % Rec	Acceptance Limits			
1,2-Dichloroethane-d4 (Surr)	134	X	114	70 - 127			
Toluene-d8 (Surr)	101		88	80 - 125			
4-Bromofluorobenzene (Surr)	94		83	78 - 120			
Dibromofluoromethane (Surr)	135	X	118	77 - 120			

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74253-1
Sdg Number: 15087320

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-296466**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID: 280-74268-F-1 MS Units: ug/L
Client Matrix: Water
Dilution: 1.0
Analysis Date: 09/25/2015 1515
Prep Date: 09/25/2015 1515
Leach Date: N/A

MSD Lab Sample ID: 280-74268-F-1 MSD
Client Matrix: Water
Dilution: 1.0
Analysis Date: 09/25/2015 1534
Prep Date: 09/25/2015 1534
Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual
Benzene	0.16	U	5.00	5.00	6.04		5.78
Bromodichloromethane	0.17	U	5.00	5.00	6.13		5.83
Carbon tetrachloride	0.19	U	5.00	5.00	6.91	F1	6.57
Chlorobenzene	0.17	U	5.00	5.00	5.49		5.16
Chloroform	0.16	U	5.00	5.00	6.44		6.20
1,3-Dichlorobenzene	0.13	U	5.00	5.00	5.07		4.92
1,1-Dichloroethane	0.22	U	5.00	5.00	6.32		6.02
trans-1,2-Dichloroethene	0.15	U	5.00	5.00	6.51		6.20
1,1-Dichloroethene	0.23	U	5.00	5.00	6.31		5.92
1,2-Dichloropropane	0.18	U	5.00	5.00	5.69		5.48
Ethylbenzene	0.16	U	5.00	5.00	5.27		4.87
Methylene Chloride	0.32	U	5.00	5.00	6.26		5.64
Tetrachloroethene	0.20	U	5.00	5.00	5.66		5.35
Toluene	0.17	U	5.00	5.00	6.23		5.94
1,1,1-Trichloroethane	0.16	U	5.00	5.00	6.67		6.31
Trichloroethene	0.16	U	5.00	5.00	6.42		6.03

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74253-1
Sdg Number: 15087320

Method Blank - Batch: 280-295273

Method: 8260B SIM
Preparation: 5030B

Lab Sample ID: MB 280-295273/14	Analysis Batch: 280-295273	Instrument ID: VMS_E
Client Matrix: Water	Prep Batch: N/A	Lab File ID: E0255.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 09/17/2015 1029	Units: ug/L	Final Weight/Volume: 20 mL
Prep Date: 09/17/2015 1029		
Leach Date: N/A		

Analyte	Result	Qual	MDL	RL
1,4-Dioxane	0.22	U	0.22	1.0
Surrogate	% Rec		Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	101		70 - 127	

Lab Control Sample/

Method: 8260B SIM
Preparation: 5030B

Lab Control Sample Duplicate Recovery Report - Batch: 280-295273

LCS Lab Sample ID: LCS 280-295273/12	Analysis Batch: 280-295273	Instrument ID: VMS_E
Client Matrix: Water	Prep Batch: N/A	Lab File ID: E0253.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 09/17/2015 0953	Units: ug/L	Final Weight/Volume: 20 mL
Prep Date: 09/17/2015 0953		20 mL
Leach Date: N/A		

LCSD Lab Sample ID: LCSD 280-295273/13	Analysis Batch: 280-295273	Instrument ID: VMS_E
Client Matrix: Water	Prep Batch: N/A	Lab File ID: E0254.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 09/17/2015 1011	Units: ug/L	Final Weight/Volume: 20 mL
Prep Date: 09/17/2015 1011		20 mL
Leach Date: N/A		

Analyte	<u>% Rec.</u>		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
1,4-Dioxane	116	102	25 - 141	12	20		
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
1,2-Dichloroethane-d4 (Surr)	106	105			70 - 127		

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74253-1
Sdg Number: 15087320

**Laboratory Control/
Laboratory Duplicate Data Report - Batch: 280-295273**

**Method: 8260B SIM
Preparation: 5030B**

LCS Lab Sample ID: LCS 280-295273/12 Units: ug/L
Client Matrix: Water
Dilution: 1.0
Analysis Date: 09/17/2015 0953
Prep Date: 09/17/2015 0953
Leach Date: N/A

LCSD Lab Sample ID: LCSD 280-295273/13
Client Matrix: Water
Dilution: 1.0
Analysis Date: 09/17/2015 1011
Prep Date: 09/17/2015 1011
Leach Date: N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,4-Dioxane	5.00	5.00	5.78	5.12

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-295273**

**Method: 8260B SIM
Preparation: 5030B**

MS Lab Sample ID: 280-74205-M-2 MS
Client Matrix: Water
Dilution: 1.0
Analysis Date: 09/17/2015 1151
Prep Date: 09/17/2015 1151
Leach Date: N/A

Analysis Batch: 280-295273
Prep Batch: N/A
Leach Batch: N/A

Instrument ID: VMS_E
Lab File ID: E0259.D
Initial Weight/Volume: 20 mL
Final Weight/Volume: 20 mL
20 mL

MSD Lab Sample ID: 280-74205-M-2 MSD
Client Matrix: Water
Dilution: 1.0
Analysis Date: 09/17/2015 1209
Prep Date: 09/17/2015 1209
Leach Date: N/A

Analysis Batch: 280-295273
Prep Batch: N/A
Leach Batch: N/A

Instrument ID: VMS_E
Lab File ID: E0260.D
Initial Weight/Volume: 20 mL
Final Weight/Volume: 20 mL
20 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
1,4-Dioxane	99	52	25 - 141	24	20		F2
Surrogate		MS % Rec	MSD % Rec			Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		111	107			70 - 127	

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74253-1
Sdg Number: 15087320

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-295273**

**Method: 8260B SIM
Preparation: 5030B**

MS Lab Sample ID: 280-74205-M-2 MS Units: ug/L
Client Matrix: Water
Dilution: 1.0
Analysis Date: 09/17/2015 1151
Prep Date: 09/17/2015 1151
Leach Date: N/A

MSD Lab Sample ID: 280-74205-M-2 MSD
Client Matrix: Water
Dilution: 1.0
Analysis Date: 09/17/2015 1209
Prep Date: 09/17/2015 1209
Leach Date: N/A

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
1,4-Dioxane	6.2	5.00	5.00	11.2	8.84 F2

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Method Blank - Batch: 280-295463

Method: 8260B SIM

Preparation: 5030B

Lab Sample ID: MB 280-295463/5	Analysis Batch: 280-295463	Instrument ID: VMS_E
Client Matrix: Water	Prep Batch: N/A	Lab File ID: E02485.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 09/18/2015 0815	Units: ug/L	Final Weight/Volume: 20 mL
Prep Date: 09/18/2015 0815		
Leach Date: N/A		

Analyte	Result	Qual	MDL	RL
1,4-Dioxane	0.22	U	0.22	1.0
Surrogate	% Rec		Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	93		70 - 127	

Lab Control Sample - Batch: 280-295463

Method: 8260B SIM

Preparation: 5030B

Lab Sample ID: LCS 280-295463/3	Analysis Batch: 280-295463	Instrument ID: VMS_E
Client Matrix: Water	Prep Batch: N/A	Lab File ID: E02484.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 09/18/2015 0757	Units: ug/L	Final Weight/Volume: 20 mL
Prep Date: 09/18/2015 0757		
Leach Date: N/A		

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,4-Dioxane	5.00	5.88	118	25 - 141	
Surrogate		% Rec		Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		91		70 - 127	

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74253-1
Sdg Number: 15087320

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-295463**

**Method: 8260B SIM
Preparation: 5030B**

MS Lab Sample ID: 280-74253-4	Analysis Batch: 280-295463	Instrument ID: VMS_E
Client Matrix: Water	Prep Batch: N/A	Lab File ID: E02490.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 09/18/2015 0948		Final Weight/Volume: 20 mL
Prep Date: 09/18/2015 0948		20 mL
Leach Date: N/A		

MSD Lab Sample ID: 280-74253-4	Analysis Batch: 280-295463	Instrument ID: VMS_E
Client Matrix: Water	Prep Batch: N/A	Lab File ID: E02491.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 09/18/2015 1006		Final Weight/Volume: 20 mL
Prep Date: 09/18/2015 1006		20 mL
Leach Date: N/A		

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
1,4-Dioxane	102	94	25 - 141	8	20		
Surrogate		MS % Rec	MSD % Rec			Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		98	94			70 - 127	

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-295463**

**Method: 8260B SIM
Preparation: 5030B**

MS Lab Sample ID: 280-74253-4	Units: ug/L	MSD Lab Sample ID: 280-74253-4
Client Matrix: Water		Client Matrix: Water
Dilution: 1.0		Dilution: 1.0
Analysis Date: 09/18/2015 0948		Analysis Date: 09/18/2015 1006
Prep Date: 09/18/2015 0948		Prep Date: 09/18/2015 1006
Leach Date: N/A		Leach Date: N/A

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
1,4-Dioxane	0.22 U	5.00	5.00	5.08	4.68

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Method Blank - Batch: 280-295743

Method: 8260B SIM

Preparation: 5030B

Lab Sample ID: MB 280-295743/5	Analysis Batch: 280-295743	Instrument ID: VMS_E
Client Matrix: Water	Prep Batch: N/A	Lab File ID: E0305.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 09/21/2015 0747	Units: ug/L	Final Weight/Volume: 20 mL
Prep Date: 09/21/2015 0747		
Leach Date: N/A		

Analyte	Result	Qual	MDL	RL
1,4-Dioxane	0.22	U	0.22	1.0
Surrogate	% Rec		Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	80		70 - 127	

Lab Control Sample - Batch: 280-295743

Method: 8260B SIM

Preparation: 5030B

Lab Sample ID: LCS 280-295743/3	Analysis Batch: 280-295743	Instrument ID: VMS_E
Client Matrix: Water	Prep Batch: N/A	Lab File ID: E0304.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 09/21/2015 0728	Units: ug/L	Final Weight/Volume: 20 mL
Prep Date: 09/21/2015 0728		
Leach Date: N/A		

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,4-Dioxane	5.00	4.65	93	25 - 141	
Surrogate		% Rec		Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		81		70 - 127	

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-295743**

**Method: 8260B SIM
Preparation: 5030B**

MS Lab Sample ID: 280-74253-5	Analysis Batch: 280-295743	Instrument ID: VMS_E
Client Matrix: Water	Prep Batch: N/A	Lab File ID: E0311.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 09/21/2015 0950		Final Weight/Volume: 20 mL
Prep Date: 09/21/2015 0950		20 mL
Leach Date: N/A		

MSD Lab Sample ID: 280-74253-5	Analysis Batch: 280-295743	Instrument ID: VMS_E
Client Matrix: Water	Prep Batch: N/A	Lab File ID: E0312.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 09/21/2015 1008		Final Weight/Volume: 20 mL
Prep Date: 09/21/2015 1008		20 mL
Leach Date: N/A		

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
1,4-Dioxane	98	95	25 - 141	3	20		
Surrogate		MS % Rec	MSD % Rec			Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		85	82			70 - 127	

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-295743**

**Method: 8260B SIM
Preparation: 5030B**

MS Lab Sample ID: 280-74253-5	Units: ug/L	MSD Lab Sample ID: 280-74253-5
Client Matrix: Water		Client Matrix: Water
Dilution: 1.0		Dilution: 1.0
Analysis Date: 09/21/2015 0950		Analysis Date: 09/21/2015 1008
Prep Date: 09/21/2015 0950		Prep Date: 09/21/2015 1008
Leach Date: N/A		Leach Date: N/A

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
1,4-Dioxane	0.60 J	5.00	5.00	5.49	5.35

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Method Blank - Batch: 280-295920

Method: 8260B SIM

Preparation: 5030B

Lab Sample ID: MB 280-295920/5	Analysis Batch: 280-295920	Instrument ID: VMS_E
Client Matrix: Water	Prep Batch: N/A	Lab File ID: E0333.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 09/22/2015 0909	Units: ug/L	Final Weight/Volume: 20 mL
Prep Date: 09/22/2015 0909		
Leach Date: N/A		

Analyte	Result	Qual	MDL	RL
1,4-Dioxane	0.234	J	0.22	1.0
Surrogate	% Rec		Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	97		70 - 127	

Lab Control Sample - Batch: 280-295920

Method: 8260B SIM

Preparation: 5030B

Lab Sample ID: LCS 280-295920/3	Analysis Batch: 280-295920	Instrument ID: VMS_E
Client Matrix: Water	Prep Batch: N/A	Lab File ID: E0332.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 09/22/2015 0850	Units: ug/L	Final Weight/Volume: 20 mL
Prep Date: 09/22/2015 0850		
Leach Date: N/A		

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,4-Dioxane	5.00	5.32	106	25 - 141	
Surrogate		% Rec		Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		99		70 - 127	

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74253-1
Sdg Number: 15087320

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-295920**

**Method: 8260B SIM
Preparation: 5030B**

MS Lab Sample ID: 280-74253-18	Analysis Batch: 280-295920	Instrument ID: VMS_E
Client Matrix: Water	Prep Batch: N/A	Lab File ID: E0339.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 09/22/2015 1059		Final Weight/Volume: 20 mL
Prep Date: 09/22/2015 1059		20 mL
Leach Date: N/A		

MSD Lab Sample ID: 280-74253-18	Analysis Batch: 280-295920	Instrument ID: VMS_E
Client Matrix: Water	Prep Batch: N/A	Lab File ID: E0340.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 09/22/2015 1117		Final Weight/Volume: 20 mL
Prep Date: 09/22/2015 1117		20 mL
Leach Date: N/A		

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
1,4-Dioxane	117	96	25 - 141	18	20		
Surrogate		MS % Rec	MSD % Rec			Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		101	102			70 - 127	

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-295920**

**Method: 8260B SIM
Preparation: 5030B**

MS Lab Sample ID: 280-74253-18	Units: ug/L	MSD Lab Sample ID: 280-74253-18
Client Matrix: Water		Client Matrix: Water
Dilution: 1.0		Dilution: 1.0
Analysis Date: 09/22/2015 1059		Analysis Date: 09/22/2015 1117
Prep Date: 09/22/2015 1059		Prep Date: 09/22/2015 1117
Leach Date: N/A		Leach Date: N/A

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
1,4-Dioxane	0.39 J	5.00	5.00	6.22	5.18

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:280-295273					
LCS 280-295273/12	Lab Control Sample	T	Water	8260B SIM	
LCSD 280-295273/13	Lab Control Sample Duplicate	T	Water	8260B SIM	
MB 280-295273/14	Method Blank	T	Water	8260B SIM	
280-74205-M-2 MS	Matrix Spike	T	Water	8260B SIM	
280-74205-M-2 MSD	Matrix Spike Duplicate	T	Water	8260B SIM	
280-74253-24	PIN12-0580-2	T	Water	8260B SIM	
280-74253-30	PIN12-0582-2	T	Water	8260B SIM	
Analysis Batch:280-295463					
LCS 280-295463/3	Lab Control Sample	T	Water	8260B SIM	
MB 280-295463/5	Method Blank	T	Water	8260B SIM	
280-74253-1	PIN12-0524	T	Water	8260B SIM	
280-74253-2	PIN12-0525	T	Water	8260B SIM	
280-74253-3	PIN12-0561-1	T	Water	8260B SIM	
280-74253-4	PIN12-0561-2	T	Water	8260B SIM	
280-74253-4MS	Matrix Spike	T	Water	8260B SIM	
280-74253-4MSD	Matrix Spike Duplicate	T	Water	8260B SIM	
280-74253-23	PIN12-0580-1	T	Water	8260B SIM	
280-74253-25	PIN12-0580-3	T	Water	8260B SIM	
280-74253-26	PIN12-0581-1	T	Water	8260B SIM	
280-74253-27	PIN12-0581-2	T	Water	8260B SIM	
280-74253-28	PIN12-0581-3	T	Water	8260B SIM	
280-74253-29	PIN12-0582-1	T	Water	8260B SIM	
280-74253-31	PIN12-0582-3	T	Water	8260B SIM	
280-74253-32	PIN12-0583-1	T	Water	8260B SIM	
280-74253-33	PIN12-0583-2	T	Water	8260B SIM	
280-74253-34	PIN12-0583-3	T	Water	8260B SIM	
280-74253-35	PIN12-0584-1	T	Water	8260B SIM	
280-74253-36	PIN12-0584-2	T	Water	8260B SIM	
280-74253-37	PIN12-0584-3	T	Water	8260B SIM	
280-74253-48	PIN12-2451	T	Water	8260B SIM	
280-74253-53	PIN12-S73D	T	Water	8260B SIM	

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:280-295743					
LCS 280-295743/3	Lab Control Sample	T	Water	8260B SIM	
MB 280-295743/5	Method Blank	T	Water	8260B SIM	
280-74253-5	PIN12-0561-3	T	Water	8260B SIM	
280-74253-5MS	Matrix Spike	T	Water	8260B SIM	
280-74253-5MSD	Matrix Spike Duplicate	T	Water	8260B SIM	
280-74253-6	PIN12-0565-1	T	Water	8260B SIM	
280-74253-7	PIN12-0565-2	T	Water	8260B SIM	
280-74253-8	PIN12-0565-3	T	Water	8260B SIM	
280-74253-9	PIN12-0574-1	T	Water	8260B SIM	
280-74253-10	PIN12-0574-2	T	Water	8260B SIM	
280-74253-11	PIN12-0574-3	T	Water	8260B SIM	
280-74253-12	PIN12-0575-1	T	Water	8260B SIM	
280-74253-13	PIN12-0575-2	T	Water	8260B SIM	
Analysis Batch:280-295920					
LCS 280-295920/3	Lab Control Sample	T	Water	8260B SIM	
MB 280-295920/5	Method Blank	T	Water	8260B SIM	
280-74253-14	PIN12-0576-1	T	Water	8260B SIM	
280-74253-15	PIN12-0576-2	T	Water	8260B SIM	
280-74253-16	PIN12-0576-3	T	Water	8260B SIM	
280-74253-18	PIN12-0577-2	T	Water	8260B SIM	
280-74253-18MS	Matrix Spike	T	Water	8260B SIM	
280-74253-18MSD	Matrix Spike Duplicate	T	Water	8260B SIM	
280-74253-19	PIN12-0577-3	T	Water	8260B SIM	
280-74253-20	PIN12-0579-1	T	Water	8260B SIM	
280-74253-21	PIN12-0579-2	T	Water	8260B SIM	
280-74253-22	PIN12-0579-3	T	Water	8260B SIM	
280-74253-38	PIN12-0585-1	T	Water	8260B SIM	
280-74253-39	PIN12-0585-2	T	Water	8260B SIM	
280-74253-40	PIN12-0585-3	T	Water	8260B SIM	
280-74253-41	PIN12-0587-1	T	Water	8260B SIM	
280-74253-42	PIN12-0587-2	T	Water	8260B SIM	
280-74253-43	PIN12-0587-3	T	Water	8260B SIM	
280-74253-44	PIN12-0588-1	T	Water	8260B SIM	
280-74253-45	PIN12-0588-2	T	Water	8260B SIM	
280-74253-46	PIN12-0588-3	T	Water	8260B SIM	
280-74253-49	PIN12-2452	T	Water	8260B SIM	
280-74253-50	PIN12-2453	T	Water	8260B SIM	
280-74253-51	PIN12-2454	T	Water	8260B SIM	

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:280-296162					
LCS 280-296162/4	Lab Control Sample	T	Water	8260B	
LCSD 280-296162/5	Lab Control Sample Duplicate	T	Water	8260B	
MB 280-296162/6	Method Blank	T	Water	8260B	
280-74108-AL-9 MS	Matrix Spike	T	Water	8260B	
280-74108-AL-9 MSD	Matrix Spike Duplicate	T	Water	8260B	
280-74253-1	PIN12-0524	T	Water	8260B	
280-74253-1DL	PIN12-0524	T	Water	8260B	
280-74253-2	PIN12-0525	T	Water	8260B	
280-74253-4	PIN12-0561-2	T	Water	8260B	
Analysis Batch:280-296292					
LCS 280-296292/4	Lab Control Sample	T	Water	8260B	
LCSD 280-296292/5	Lab Control Sample Duplicate	T	Water	8260B	
MB 280-296292/6	Method Blank	T	Water	8260B	
280-74253-3	PIN12-0561-1	T	Water	8260B	
280-74253-3MS	Matrix Spike	T	Water	8260B	
280-74253-3MSD	Matrix Spike Duplicate	T	Water	8260B	
280-74253-5	PIN12-0561-3	T	Water	8260B	
280-74253-14	PIN12-0576-1	T	Water	8260B	
280-74253-15	PIN12-0576-2	T	Water	8260B	
280-74253-16	PIN12-0576-3	T	Water	8260B	
280-74253-17	PIN12-0577-1	T	Water	8260B	
280-74253-18	PIN12-0577-2	T	Water	8260B	
280-74253-19	PIN12-0577-3	T	Water	8260B	
280-74253-20	PIN12-0579-1	T	Water	8260B	
280-74253-21	PIN12-0579-2	T	Water	8260B	
280-74253-22	PIN12-0579-3	T	Water	8260B	
280-74253-35	PIN12-0584-1	T	Water	8260B	
280-74253-36	PIN12-0584-2	T	Water	8260B	
280-74253-37	PIN12-0584-3	T	Water	8260B	
280-74253-38	PIN12-0585-1	T	Water	8260B	
280-74253-39	PIN12-0585-2	T	Water	8260B	
280-74253-39DL	PIN12-0585-2	T	Water	8260B	
280-74253-40	PIN12-0585-3	T	Water	8260B	
280-74253-40DL	PIN12-0585-3	T	Water	8260B	
280-74253-49	PIN12-2452	T	Water	8260B	
280-74253-49DL	PIN12-2452	T	Water	8260B	
280-74253-53	PIN12-S73D	T	Water	8260B	

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:280-296303					
LCS 280-296303/4	Lab Control Sample	T	Water	8260B	
MB 280-296303/5	Method Blank	T	Water	8260B	
280-74253-6	PIN12-0565-1	T	Water	8260B	
280-74253-7	PIN12-0565-2	T	Water	8260B	
280-74253-8	PIN12-0565-3	T	Water	8260B	
280-74253-9	PIN12-0574-1	T	Water	8260B	
280-74253-10	PIN12-0574-2	T	Water	8260B	
280-74253-10DL	PIN12-0574-2	T	Water	8260B	
280-74253-12	PIN12-0575-1	T	Water	8260B	
280-74253-42	PIN12-0587-2	T	Water	8260B	
280-74253-42DL	PIN12-0587-2	T	Water	8260B	
280-74253-42MS	Matrix Spike	T	Water	8260B	
280-74253-42MSD	Matrix Spike Duplicate	T	Water	8260B	
280-74253-43	PIN12-0587-3	T	Water	8260B	
280-74253-44	PIN12-0588-1	T	Water	8260B	
280-74253-45	PIN12-0588-2	T	Water	8260B	
280-74253-47	PIN99-2198	T	Water	8260B	
Analysis Batch:280-296439					
LCS 280-296439/4	Lab Control Sample	T	Water	8260B	
MB 280-296439/6	Method Blank	T	Water	8260B	
280-74230-B-1 MS	Matrix Spike	T	Water	8260B	
280-74230-B-1 MSD	Matrix Spike Duplicate	T	Water	8260B	
280-74253-23	PIN12-0580-1	T	Water	8260B	
280-74253-24	PIN12-0580-2	T	Water	8260B	
280-74253-24DL	PIN12-0580-2	T	Water	8260B	
280-74253-25	PIN12-0580-3	T	Water	8260B	
280-74253-26	PIN12-0581-1	T	Water	8260B	
280-74253-27	PIN12-0581-2	T	Water	8260B	
280-74253-28	PIN12-0581-3	T	Water	8260B	
280-74253-29	PIN12-0582-1	T	Water	8260B	
280-74253-30	PIN12-0582-2	T	Water	8260B	
280-74253-31	PIN12-0582-3	T	Water	8260B	
280-74253-32	PIN12-0583-1	T	Water	8260B	

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:280-296465					
LCS 280-296465/4	Lab Control Sample	T	Water	8260B	
MB 280-296465/5	Method Blank	T	Water	8260B	
280-74253-41	PIN12-0587-1	T	Water	8260B	
280-74253-46	PIN12-0588-3	T	Water	8260B	
280-74253-48	PIN12-2451	T	Water	8260B	
280-74253-50	PIN12-2453	T	Water	8260B	
280-74253-50MS	Matrix Spike	T	Water	8260B	
280-74253-50MSD	Matrix Spike Duplicate	T	Water	8260B	
280-74253-51	PIN12-2454	T	Water	8260B	
280-74253-51DL	PIN12-2454	T	Water	8260B	
Analysis Batch:280-296466					
LCS 280-296466/4	Lab Control Sample	T	Water	8260B	
MB 280-296466/5	Method Blank	T	Water	8260B	
280-74253-11	PIN12-0574-3	T	Water	8260B	
280-74253-13	PIN12-0575-2	T	Water	8260B	
280-74253-33	PIN12-0583-2	T	Water	8260B	
280-74253-34	PIN12-0583-3	T	Water	8260B	
280-74253-50DL	PIN12-2453	T	Water	8260B	
280-74253-52	PIN99-2689	T	Water	8260B	
280-74268-F-1 MS	Matrix Spike	T	Water	8260B	
280-74268-F-1 MSD	Matrix Spike Duplicate	T	Water	8260B	

Report Basis

T = Total

ANALYTICAL REPORT

Job Number: 280-74439-1
SDG Number: 15087320
Job Description: Pinellas Monitoring

For:
S.M. Stoller Corporation
2597 Legacy Way
Grand Junction, CO 81503
Attention: Mr. Steve Donovan



Approved for release.
Donna R Rydberg
Senior Project Manager
9/30/2015 6:20 PM

Designee for
DiLea R Bindel, Project Manager I
4955 Yarrow Street, Arvada, CO, 80002
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09/30/2015

The test results in this report relate only to the samples in this report and meet all requirements of NELAP, with any exceptions noted. Pursuant to NELAP, this report shall not be reproduced except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Denver Project Manager.

The Lab Certification ID# is 4025.

Reporting limits are adjusted for sample size used, dilutions and moisture content if applicable.

TestAmerica Laboratories, Inc.

TestAmerica Denver 4955 Yarrow Street, Arvada, CO 80002
Tel (303) 736-0100 Fax (303) 431-7171 www.testamericainc.com



Pages have been deleted from this laboratory report file to reduce file size. The deleted pages contain raw data and instrument calibrations. If the full laboratory report is needed, contact Scott.Surovchak@lm.doe.gov

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CASE NARRATIVE

Client: S.M. Stoller Corporation

Project: Pinellas Monitoring - 15087320

Report Number: 280-74439-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 9/18/2015 at 9:20 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 1.6°C.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Due to excessive foaming the following samples required between 1uL - 5uL of anti-foam to be added prior to purging to protect the equipment. The associated MB also had anti-foam added to it to show there was no contamination added from the use of the anti-foam.

PIN12-0539 (280-74439-1), PIN12-0539 (280-74439-1[MS]), PIN12-0539 (280-74439-1[MSD]), PIN12-0540 (280-74439-2), PIN12-0541 (280-74439-3), PIN12-0551-2 (280-74439-6), PIN12-0568-1 (280-74439-10), PIN12-0568-2 (280-74439-11), PIN12-0568-3 (280-74439-12), PIN12-0569-1 (280-74439-13), PIN12-0569-2 (280-74439-14), PIN12-0569-3 (280-74439-15), PIN12-0570-1 (280-74439-16), PIN12-0570-2 (280-74439-17), PIN12-0570-3 (280-74439-18), PIN12-0572-1 (280-74439-19) and PIN12-0572-2 (280-74439-20), PIN12-0542 (280-74439-4), PIN12-0549 (280-74439-5), PIN12-0555A (280-74439-7), PIN12-0555B (280-74439-8), PIN12-0555C (280-74439-9), PIN12-0578-1 (280-74439-24), PIN12-0578-2 (280-74439-25), PIN12-0578-3 (280-74439-26), PIN12-2450 (280-74439-31), PIN12-S69B (280-74439-36), PIN12-S69C (280-74439-37), PIN12-S69D (280-74439-38), PIN12-S70B (280-74439-39), PIN12-S70C (280-74439-40), PIN12-S70D (280-74439-41), PIN12-S71B (280-74439-42), PIN12-S71C (280-74439-43), PIN12-S71D (280-74439-44), (280-74439-B-4 MS) and (280-74439-B-4 MSD).

In some cases, due to high concentrations of target analytes, reduced aliquot sizes had to be used for the analysis of samples. The reporting limits have been elevated accordingly. To provide the lowest possible detection limits, multiple runs are reported where available.

The internal standard (ISTD) response for TBA-d9 was outside the acceptance criteria in samples PIN12-0539 (280-74439-1[MS]), PIN12-0540 (280-74439-2), PIN12-0541 (280-74439-3), PIN12-0542 (280-74439-4), PIN12-0551-2 (280-74439-6), PIN12-0568-2 (280-74439-11) and PIN12-0568-3 (280-74439-12). This ISTD does not correspond to any of the requested target compounds; therefore, the data have been reported.

Low concentrations of 1,2,3-Trichlorobenzene and Naphthalene were detected in method blank MB 280-296721/6 at levels that were above the method detection limit but below the reporting limit. The values should be considered estimates, and have been flagged "J". Because the concentrations in the method blank are not present at levels greater than half the reporting limit, corrective action is deemed unnecessary.

Styrene was detected in method blank MB 280-296866/6 at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged "J". Because the concentration in the method blank is not present at a level greater than half the reporting limit, corrective action is deemed unnecessary.

The LCS associated with batch 280-296721 demonstrated recoveries for spike compounds Styrene (65%) and 1,2,3-trichloropropane (62%) outside the recovery limits biased low (limits 65-135%). These spike analytes are not part of the project spike list but are being flagged in the samples and narrated as these are target compounds for the client.

Dibromofluoromethane (Surr) failed the surrogate recovery criteria high for PIN12-0539MS (280-74439-1MS). Refer to the QC report for details.

Toluene and trans-1,2-Dichloroethene failed the recovery criteria high for the MS of sample PIN12-0539MS (280-74439-1) in batch 280-296721.

Carbon tetrachloride failed the recovery criteria high for the MS of sample PIN12-0542MS (280-74439-4) in batch 280-296866.

Refer to the QC report for details.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

VOLATILE ORGANIC COMPOUNDS (GC-MS SIM)

The samples in batch 296300, batch 296106 and batch 296723 required the addition of a silicon-based anti-foaming agent prior to analysis to protect the equipment. The anti-foam was also added to the Method Blanks to demonstrate that they are free of contamination.

The recovery for 1,4-Dioxane exceeded the calibration curve in sample PIN12-S71D (280-74439-44). Data was flagged "E". The calibration is 1-20 uL/L, and the sample has 1,4-Dioxane at 23 ul/L. There was not enough sample volume available to perform an additional analysis.

1,4-Dioxane failed the recovery criteria high for the MSD of sample PIN12-0540MSD (280-74439-2) in batch 280-296106. 1,4-Dioxane exceeded the RPD limit.

Refer to the QC report for details.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

**Job Narrative
280-74439-1**

Method(s) 8260B SIM: In

Method(s) 8260B SIM: In batch 296106 the following samples required the addition of 1-4uL of a silicon-based anti-foaming agent prior to analysis to protect the equipment. The anti-foam was also added to the Method Blank to demonstrate that it is free of contamination.

Method(s) 8260B SIM: In batch 296723 the following samples required the addition of 2uL of a silicon-based anti-foaming agent prior to analysis to protect the equipment. The anti-foam was also added to the Method Blank to demonstrate that it is free of contamination.

Method(s) 8260B SIM: In batch 296723 the following sample has 1,4-Dioxane recovery higher than the calibration levels. The calibration is 1-20 uL/L, and the sample has 1,4-Dioxane at 23 ul/L. The sample was received with insufficient volume to do an additional analysis as this was the third for 8260_SIM, and 8260B had yet to be completed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-74439-1SDG No.: 15087320Instrument ID: VMS_H Analysis Batch Number: 293229Lab Sample ID: IC 280-293229/16 Client Sample ID: _____Date Analyzed: 09/02/15 03:47 Lab File ID: H6483.D GC Column: DB-624 (75.53 ID: 0.53 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Acetonitrile	3.91	Split Peak	wickhamt	09/02/15 08:06

Lab Sample ID: IC 280-293229/17 Client Sample ID: _____Date Analyzed: 09/02/15 04:10 Lab File ID: H6484.D GC Column: DB-624 (75.53 ID: 0.53 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Acetonitrile	3.89	Split Peak	wickhamt	09/02/15 08:12

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-74439-1SDG No.: 15087320Instrument ID: VMS_H Analysis Batch Number: 296721Lab Sample ID: 280-74439-1 MSD Client Sample ID: PIN12-0539 MSDDate Analyzed: 09/28/15 13:34 Lab File ID: H7515.D GC Column: DB-624 (75.53 ID: 0.53(mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloromethane	2.29	Shouldering	wickhamt	09/28/15 14:06

Lab Sample ID: 280-74439-6 Client Sample ID: PIN12-0551-2Date Analyzed: 09/28/15 14:44 Lab File ID: H7518.D GC Column: DB-624 (75.53 ID: 0.53(mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Acetone	3.58	Baseline	wickhamt	09/28/15 15:06
TBA-d9 (IS)	4.15	Wrong peak	wickhamt	09/28/15 15:06

Lab Sample ID: 280-74439-12 Client Sample ID: _____Date Analyzed: 09/28/15 15:53 Lab File ID: H7521.D GC Column: DB-624 (75.53 ID: 0.53(mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
TBA-d9 (IS)	4.00	Split Peak	wickhamt	09/29/15 07:07

Lab Sample ID: 280-74439-14 Client Sample ID: PIN12-0569-2Date Analyzed: 09/28/15 16:39 Lab File ID: H7523.D GC Column: DB-624 (75.53 ID: 0.53(mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Acetone	3.51	Baseline	wickhamt	09/29/15 07:14

Lab Sample ID: 280-74439-19 Client Sample ID: PIN12-0572-1Date Analyzed: 09/28/15 18:35 Lab File ID: H7528.D GC Column: DB-624 (75.53 ID: 0.53(mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Acetone	3.53	Baseline	wickhamt	09/29/15 07:12

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-74439-1SDG No.: 15087320Instrument ID: VMS_MS1 Analysis Batch Number: 294712Lab Sample ID: STD60 280-294712/16 IC Client Sample ID: _____Date Analyzed: 09/14/15 12:46 Lab File ID: MS2461.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
m-Xylene & p-Xylene	10.39	Wrong peak	wickhamt	09/14/15 13:40

Lab Sample ID: STD01 280-294712/18 IC Client Sample ID: _____Date Analyzed: 09/14/15 14:09 Lab File ID: MS2465.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Acetonitrile	5.99	Split Peak	wickhamt	09/15/15 07:13

Lab Sample ID: STD02 280-294712/19 IC Client Sample ID: _____Date Analyzed: 09/14/15 14:30 Lab File ID: MS2466.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Acetonitrile	5.99	Split Peak	wickhamt	09/15/15 07:13

Lab Sample ID: STD05 280-294712/20 IC Client Sample ID: _____Date Analyzed: 09/14/15 14:50 Lab File ID: MS2467.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Ethanol	5.38	Split Peak	wickhamt	09/15/15 07:14
Acetonitrile	5.99	Split Peak	wickhamt	09/15/15 07:13

Lab Sample ID: ICIS 280-294712/21 Client Sample ID: _____Date Analyzed: 09/14/15 15:11 Lab File ID: MS2468.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Ethanol	5.38	Split Peak	wickhamt	09/15/15 07:14

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-74439-1SDG No.: 15087320Instrument ID: VMS_MS1 Analysis Batch Number: 294712Lab Sample ID: STD30 280-294712/22 IC Client Sample ID: _____Date Analyzed: 09/14/15 15:32 Lab File ID: MS2469.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2-Propanol	5.80	Assign Peak	wickhamt	09/15/15 06:58

Lab Sample ID: ICV 280-294712/24 Client Sample ID: _____Date Analyzed: 09/14/15 16:34 Lab File ID: MS2472.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Ethanol	5.38	Split Peak	wickhamt	09/15/15 07:16

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-74439-1

SDG No.: 15087320

Instrument ID: VMS_MS1 Analysis Batch Number: 296866

Lab Sample ID: 280-74439-4 MS Client Sample ID: _____

Date Analyzed: 09/29/15 10:21 Lab File ID: MS3125.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
TBA-d9 (IS)	6.13	Split Peak	wickhamt	09/29/15 12:11

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-74439-1SDG No.: 15087320Instrument ID: VMS_E Analysis Batch Number: 294673Lab Sample ID: IC 280-294673/6 Client Sample ID: _____Date Analyzed: 09/14/15 08:22 Lab File ID: E0189.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,2-Dibromoethane	8.29	Baseline	moanm	09/14/15 10:12

Lab Sample ID: IC 280-294673/7 Client Sample ID: _____Date Analyzed: 09/14/15 08:41 Lab File ID: E0190.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,2-Dibromoethane	8.29	Baseline	moanm	09/14/15 10:13
1,2-Dibromo-3-Chloropropane	10.90	Baseline	moanm	09/14/15 10:13

Lab Sample ID: IC 280-294673/8 Client Sample ID: _____Date Analyzed: 09/14/15 08:59 Lab File ID: E0191.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane-d8	7.27	Baseline	moanm	09/14/15 10:25

Lab Sample ID: IC 280-294673/9 Client Sample ID: _____Date Analyzed: 09/14/15 09:17 Lab File ID: E0192.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	7.27	Baseline	moanm	09/14/15 10:26
1,4-Dioxane-d8	7.27	Baseline	moanm	09/14/15 10:26
1,2-Dibromoethane	8.29	Baseline	moanm	09/14/15 10:26

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-74439-1SDG No.: 15087320Instrument ID: VMS_E Analysis Batch Number: 294673Lab Sample ID: IC 280-294673/10 Client Sample ID: _____Date Analyzed: 09/14/15 09:36 Lab File ID: E0193.D GC Column: DB-624 (60.25 ID: 0.25(mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	7.27	Baseline	moanm	09/14/15 10:27
1,4-Dioxane-d8	7.27	Baseline	moanm	09/14/15 10:27
1,2-Dibromoethane	8.29	Baseline	moanm	09/14/15 10:27

Lab Sample ID: ICIS 280-294673/11 Client Sample ID: _____Date Analyzed: 09/14/15 09:55 Lab File ID: E0194.D GC Column: DB-624 (60.25 ID: 0.25(mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane-d8	7.27	Baseline	moanm	09/14/15 10:24
1,2-Dibromoethane	8.29	Baseline	moanm	09/14/15 10:24

Lab Sample ID: IC 280-294673/12 Client Sample ID: _____Date Analyzed: 09/14/15 10:13 Lab File ID: E0195.D GC Column: DB-624 (60.25 ID: 0.25(mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	7.27	Baseline	moanm	09/14/15 10:28
1,4-Dioxane-d8	7.27	Baseline	moanm	09/14/15 10:28

Lab Sample ID: IC 280-294673/13 Client Sample ID: _____Date Analyzed: 09/14/15 10:32 Lab File ID: E0196.D GC Column: DB-624 (60.25 ID: 0.25(mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	7.27	Baseline	moanm	09/14/15 10:52
1,4-Dioxane-d8	7.27	Baseline	moanm	09/14/15 10:52

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-74439-1

SDG No.: 15087320

Instrument ID: VMS_E Analysis Batch Number: 294673

Lab Sample ID: ICV 280-294673/14 Client Sample ID: _____

Date Analyzed: 09/14/15 11:09 Lab File ID: E0198.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	7.27	Baseline	moanm	09/14/15 11:42
1,4-Dioxane-d8	7.27	Baseline	moanm	09/14/15 11:42
1,2-Dibromoethane	8.29	Baseline	moanm	09/14/15 11:42

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-74439-1SDG No.: 15087320Instrument ID: VMS_E Analysis Batch Number: 296106Lab Sample ID: CCV 280-296106/2 Client Sample ID: _____Date Analyzed: 09/23/15 07:18 Lab File ID: E0363.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane-d8	7.24	Wrong peak	moanm	09/23/15 07:36

Lab Sample ID: LCS 280-296106/3 Client Sample ID: _____Date Analyzed: 09/23/15 07:36 Lab File ID: E0364.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane-d8	7.24	Baseline	moanm	09/23/15 08:20
1,4-Dioxane	7.27	Baseline	moanm	09/23/15 08:20

Lab Sample ID: MB 280-296106/5 Client Sample ID: _____Date Analyzed: 09/23/15 07:54 Lab File ID: E0365.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane-d8	7.24	Wrong peak	moanm	09/23/15 08:22

Lab Sample ID: 280-74439-2 Client Sample ID: PIN12-0540Date Analyzed: 09/23/15 09:17 Lab File ID: E0369.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	7.27	Baseline	moanm	09/23/15 09:41
1,4-Dioxane-d8	7.27	Baseline	moanm	09/23/15 09:41

Lab Sample ID: 280-74439-2 MS Client Sample ID: _____Date Analyzed: 09/23/15 09:35 Lab File ID: E0370.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane-d8	7.27	Baseline	moanm	09/23/15 10:01

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-74439-1SDG No.: 15087320Instrument ID: VMS_E Analysis Batch Number: 296106Lab Sample ID: 280-74439-2 MSD Client Sample ID: _____Date Analyzed: 09/23/15 09:53 Lab File ID: E0371.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane-d8	7.27	Baseline	moanm	09/23/15 10:39

Lab Sample ID: 280-74439-1 Client Sample ID: _____Date Analyzed: 09/23/15 10:31 Lab File ID: E0373.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane-d8	7.27	Baseline	moanm	09/23/15 11:11

Lab Sample ID: 280-74439-3 Client Sample ID: _____Date Analyzed: 09/23/15 16:22 Lab File ID: E0392.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane-d8	7.27	Baseline	moanm	09/24/15 14:23

Lab Sample ID: 280-74439-4 Client Sample ID: PIN12-0542Date Analyzed: 09/23/15 16:40 Lab File ID: E0393.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	7.27	Baseline	moanm	09/24/15 14:23
1,4-Dioxane-d8	7.27	Baseline	moanm	09/24/15 14:23

Lab Sample ID: 280-74439-5 Client Sample ID: _____Date Analyzed: 09/23/15 16:59 Lab File ID: E0394.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane-d8	7.27	Baseline	moanm	09/24/15 14:25

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-74439-1SDG No.: 15087320Instrument ID: VMS_E Analysis Batch Number: 296106Lab Sample ID: 280-74439-6 Client Sample ID: _____Date Analyzed: 09/23/15 17:18 Lab File ID: E0395.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane-d8	7.27	Baseline	moanm	09/24/15 14:27

Lab Sample ID: 280-74439-7 Client Sample ID: _____Date Analyzed: 09/23/15 17:36 Lab File ID: E0396.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane-d8	7.27	Baseline	moanm	09/24/15 14:28

Lab Sample ID: 280-74439-8 Client Sample ID: _____Date Analyzed: 09/23/15 17:55 Lab File ID: E0397.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane-d8	7.24	Baseline	moanm	09/24/15 14:29

Lab Sample ID: 280-74439-9 Client Sample ID: _____Date Analyzed: 09/23/15 18:13 Lab File ID: E0398.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane-d8	7.27	Baseline	moanm	09/24/15 14:30

Lab Sample ID: 280-74439-10 Client Sample ID: _____Date Analyzed: 09/23/15 18:32 Lab File ID: E0399.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane-d8	7.27	Baseline	moanm	09/24/15 14:31

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-74439-1

SDG No.: 15087320

Instrument ID: VMS_E Analysis Batch Number: 296106

Lab Sample ID: 280-74439-11 Client Sample ID: PIN12-0568-2

Date Analyzed: 09/23/15 18:50 Lab File ID: E0400.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	7.27	Baseline	moanm	09/24/15 14:32
1,4-Dioxane-d8	7.27	Baseline	moanm	09/24/15 14:32

Lab Sample ID: 280-74439-12 Client Sample ID: _____

Date Analyzed: 09/23/15 19:08 Lab File ID: E0401.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane-d8	7.27	Baseline	moanm	09/24/15 14:32

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-74439-1

SDG No.: 15087320

Instrument ID: VMS_E Analysis Batch Number: 296300

Lab Sample ID: CCV 280-296300/2 Client Sample ID: _____

Date Analyzed: 09/24/15 07:44 Lab File ID: E0408.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane-d8	7.24	Baseline	moanm	09/24/15 08:35
1,4-Dioxane	7.27	Baseline	moanm	09/24/15 08:35

Lab Sample ID: LCS 280-296300/3 Client Sample ID: _____

Date Analyzed: 09/24/15 08:02 Lab File ID: E0409.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane-d8	7.24	Baseline	moanm	09/24/15 08:36

Lab Sample ID: MB 280-296300/5 Client Sample ID: _____

Date Analyzed: 09/24/15 08:21 Lab File ID: E0410.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane-d8	7.24	Baseline	moanm	09/24/15 08:37

Lab Sample ID: 280-74439-13 Client Sample ID: _____

Date Analyzed: 09/24/15 08:46 Lab File ID: E0411.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane-d8	7.27	Baseline	moanm	09/24/15 09:23

Lab Sample ID: 280-74439-13 MS Client Sample ID: PIN12-0569-1 MS

Date Analyzed: 09/24/15 09:09 Lab File ID: E0412.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	7.27	Baseline	moanm	09/24/15 09:27
1,4-Dioxane-d8	7.27	Baseline	moanm	09/24/15 09:27

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-74439-1SDG No.: 15087320Instrument ID: VMS_E Analysis Batch Number: 296300Lab Sample ID: 280-74439-13 MSD Client Sample ID: PIN12-0569-1 MSDDate Analyzed: 09/24/15 09:27 Lab File ID: E0413.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	7.27	Baseline	moanm	09/24/15 10:30
1,4-Dioxane-d8	7.27	Baseline	moanm	09/24/15 10:30

Lab Sample ID: 280-74439-15 Client Sample ID: PIN12-0569-3Date Analyzed: 09/24/15 10:22 Lab File ID: E0416.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	7.27	Baseline	moanm	09/24/15 10:43
1,4-Dioxane-d8	7.27	Baseline	moanm	09/24/15 10:43

Lab Sample ID: 280-74439-16 Client Sample ID: _____Date Analyzed: 09/24/15 10:40 Lab File ID: E0417.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane-d8	7.27	Baseline	moanm	09/24/15 11:04

Lab Sample ID: 280-74439-17 Client Sample ID: _____Date Analyzed: 09/24/15 10:59 Lab File ID: E0418.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane-d8	7.27	Baseline	moanm	09/24/15 11:19

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-74439-1SDG No.: 15087320Instrument ID: VMS_E Analysis Batch Number: 296300Lab Sample ID: 280-74439-18 Client Sample ID: PIN12-0570-3Date Analyzed: 09/24/15 11:18 Lab File ID: E0419.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	7.27	Baseline	moanm	09/24/15 11:58
1,4-Dioxane-d8	7.27	Baseline	moanm	09/24/15 11:58

Lab Sample ID: 280-74439-19 Client Sample ID: _____Date Analyzed: 09/24/15 11:36 Lab File ID: E0420.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane-d8	7.27	Baseline	moanm	09/24/15 11:59

Lab Sample ID: 280-74439-20 Client Sample ID: _____Date Analyzed: 09/24/15 11:55 Lab File ID: E0421.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane-d8	7.27	Baseline	moanm	09/24/15 12:16

Lab Sample ID: 280-74439-21 Client Sample ID: _____Date Analyzed: 09/24/15 12:13 Lab File ID: E0422.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane-d8	7.27	Baseline	moanm	09/24/15 13:00

Lab Sample ID: 280-74439-23 Client Sample ID: PIN12-0573-3Date Analyzed: 09/24/15 12:50 Lab File ID: E0424.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	7.27	Baseline	moanm	09/24/15 13:13
1,4-Dioxane-d8	7.27	Baseline	moanm	09/24/15 13:13

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-74439-1SDG No.: 15087320Instrument ID: VMS_E Analysis Batch Number: 296300Lab Sample ID: 280-74439-24 Client Sample ID: _____Date Analyzed: 09/24/15 13:08 Lab File ID: E0425.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane-d8	7.27	Baseline	moanm	09/24/15 13:47

Lab Sample ID: 280-74439-25 Client Sample ID: _____Date Analyzed: 09/24/15 13:27 Lab File ID: E0426.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane-d8	7.27	Baseline	moanm	09/24/15 13:48

Lab Sample ID: 280-74439-26 Client Sample ID: _____Date Analyzed: 09/24/15 13:46 Lab File ID: E0427.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane-d8	7.27	Baseline	moanm	09/24/15 14:19

Lab Sample ID: 280-74439-27 Client Sample ID: _____Date Analyzed: 09/24/15 14:05 Lab File ID: E0428.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane-d8	7.27	Baseline	moanm	09/24/15 14:34

Lab Sample ID: 280-74439-28 Client Sample ID: PIN12-0586-2Date Analyzed: 09/24/15 14:23 Lab File ID: E0429.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	7.27	Baseline	moanm	09/24/15 14:39
1,4-Dioxane-d8	7.27	Baseline	moanm	09/24/15 14:39

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-74439-1SDG No.: 15087320Instrument ID: VMS_E Analysis Batch Number: 296300Lab Sample ID: 280-74439-29 Client Sample ID: _____Date Analyzed: 09/24/15 14:42 Lab File ID: E0430.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane-d8	7.27	Baseline	moanm	09/25/15 06:36

Lab Sample ID: 280-74439-31 Client Sample ID: _____Date Analyzed: 09/24/15 15:00 Lab File ID: E0431.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane-d8	7.27	Baseline	moanm	09/25/15 06:37

Lab Sample ID: 280-74439-33 Client Sample ID: _____Date Analyzed: 09/24/15 15:18 Lab File ID: E0432.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane-d8	7.27	Baseline	moanm	09/25/15 06:37

Lab Sample ID: 280-74439-34 Client Sample ID: PIN12-S68CDate Analyzed: 09/24/15 15:37 Lab File ID: E0433.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	7.27	Baseline	moanm	09/25/15 06:38
1,4-Dioxane-d8	7.27	Baseline	moanm	09/25/15 06:38

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-74439-1SDG No.: 15087320Instrument ID: VMS_E Analysis Batch Number: 296456Lab Sample ID: CCV 280-296456/2 Client Sample ID: _____Date Analyzed: 09/25/15 08:08 Lab File ID: E0438.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane-d8	7.27	Baseline	moanm	09/25/15 08:51

Lab Sample ID: LCS 280-296456/3 Client Sample ID: _____Date Analyzed: 09/25/15 08:27 Lab File ID: E0439.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane-d8	7.24	Baseline	moanm	09/25/15 08:46

Lab Sample ID: MB 280-296456/5 Client Sample ID: _____Date Analyzed: 09/25/15 08:45 Lab File ID: E0440.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane-d8	7.24	Baseline	moanm	09/25/15 09:04

Lab Sample ID: 280-74439-35 Client Sample ID: _____Date Analyzed: 09/25/15 09:04 Lab File ID: E0441.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane-d8	7.24	Baseline	moanm	09/25/15 10:16

Lab Sample ID: 280-74439-36 Client Sample ID: _____Date Analyzed: 09/25/15 09:22 Lab File ID: E0442.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane-d8	7.27	Baseline	moanm	09/25/15 10:17

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-74439-1SDG No.: 15087320Instrument ID: VMS_E Analysis Batch Number: 296456Lab Sample ID: 280-74439-37 Client Sample ID: _____Date Analyzed: 09/25/15 09:41 Lab File ID: E0443.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane-d8	7.24	Baseline	moanm	09/25/15 10:18

Lab Sample ID: 280-74439-35 MS Client Sample ID: _____Date Analyzed: 09/25/15 10:01 Lab File ID: E0444.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane-d8	7.31	Baseline	moanm	09/25/15 10:20

Lab Sample ID: 280-74439-35 MSD Client Sample ID: PIN12-S68D MSDDate Analyzed: 09/25/15 10:20 Lab File ID: E0445.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	7.27	Baseline	moanm	09/25/15 10:39
1,4-Dioxane-d8	7.27	Baseline	moanm	09/25/15 10:39

Lab Sample ID: 280-74439-38 Client Sample ID: _____Date Analyzed: 09/25/15 10:38 Lab File ID: E0446.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane-d8	7.27	Baseline	moanm	09/25/15 11:05
1,4-Dioxane	7.31	Baseline	moanm	09/25/15 11:05

Lab Sample ID: 280-74439-39 Client Sample ID: _____Date Analyzed: 09/25/15 10:57 Lab File ID: E0447.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane-d8	7.27	Baseline	moanm	09/25/15 11:38

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-74439-1SDG No.: 15087320Instrument ID: VMS_E Analysis Batch Number: 296456Lab Sample ID: 280-74439-40 Client Sample ID: _____Date Analyzed: 09/25/15 11:15 Lab File ID: E0448.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane-d8	7.27	Baseline	moanm	09/25/15 11:41

Lab Sample ID: 280-74439-41 Client Sample ID: _____Date Analyzed: 09/25/15 11:34 Lab File ID: E0449.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane-d8	7.24	Baseline	moanm	09/25/15 12:19
1,4-Dioxane	7.27	Baseline	moanm	09/25/15 12:19

Lab Sample ID: 280-74439-42 Client Sample ID: PIN12-S71BDate Analyzed: 09/25/15 11:52 Lab File ID: E0450.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	7.27	Baseline	moanm	09/25/15 12:20
1,4-Dioxane-d8	7.27	Baseline	moanm	09/25/15 12:19

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-74439-1SDG No.: 15087320Instrument ID: VMS_E Analysis Batch Number: 296723Lab Sample ID: CCV 280-296723/2 Client Sample ID: _____Date Analyzed: 09/28/15 07:27 Lab File ID: E0472.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane-d8	7.24	Baseline	moanm	09/28/15 07:50

Lab Sample ID: LCS 280-296723/3 Client Sample ID: _____Date Analyzed: 09/28/15 07:45 Lab File ID: E0473.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane-d8	7.24	Baseline	moanm	09/28/15 08:03
1,4-Dioxane	7.27	Baseline	moanm	09/28/15 08:03

Lab Sample ID: MB 280-296723/5 Client Sample ID: _____Date Analyzed: 09/28/15 08:03 Lab File ID: E0474.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane-d8	7.24	Baseline	moanm	09/28/15 08:20

Lab Sample ID: 280-74516-M-1 MS Client Sample ID: _____Date Analyzed: 09/28/15 09:20 Lab File ID: E0477.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane-d8	7.27	Baseline	moanm	09/28/15 09:58

Lab Sample ID: 280-74516-M-1 MSD Client Sample ID: _____Date Analyzed: 09/28/15 09:39 Lab File ID: E0478.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane-d8	7.27	Peak Tail	moanm	09/28/15 09:58

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-74439-1SDG No.: 15087320Instrument ID: VMS_E Analysis Batch Number: 296723Lab Sample ID: 280-74439-43 Client Sample ID: _____Date Analyzed: 09/28/15 10:34 Lab File ID: E0481.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane-d8	7.27	Baseline	moanm	09/28/15 11:14

Lab Sample ID: 280-74439-44 Client Sample ID: _____Date Analyzed: 09/28/15 10:54 Lab File ID: E0482.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane-d8	7.27	Baseline	moanm	09/29/15 05:39

Lab Sample ID: 280-74439-45 Client Sample ID: PIN12-S73BDate Analyzed: 09/28/15 11:12 Lab File ID: E0483.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	7.27	Baseline	moanm	09/28/15 12:06
1,4-Dioxane-d8	7.27	Baseline	moanm	09/28/15 12:06

Lab Sample ID: 280-74439-46 Client Sample ID: PIN12-S73CDate Analyzed: 09/28/15 12:47 Lab File ID: E0488.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	7.27	Peak Tail	moanm	09/29/15 05:28
1,4-Dioxane-d8	7.27	Baseline	moanm	09/29/15 05:28

SAMPLE SUMMARY

Client: S.M. Stoller Corporation

Job Number: 280-74439-1
Sdg Number: 15087320

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
280-74439-1	PIN12-0539	Water	09/15/2015 1545	09/18/2015 0920
280-74439-1MS	PIN12-0539	Water	09/15/2015 1545	09/18/2015 0920
280-74439-1MSD	PIN12-0539	Water	09/15/2015 1545	09/18/2015 0920
280-74439-2	PIN12-0540	Water	09/15/2015 1620	09/18/2015 0920
280-74439-2MS	PIN12-0540	Water	09/15/2015 1620	09/18/2015 0920
280-74439-2MSD	PIN12-0540	Water	09/15/2015 1620	09/18/2015 0920
280-74439-3	PIN12-0541	Water	09/15/2015 1700	09/18/2015 0920
280-74439-4	PIN12-0542	Water	09/16/2015 0835	09/18/2015 0920
280-74439-5	PIN12-0549	Water	09/16/2015 0915	09/18/2015 0920
280-74439-6	PIN12-0551-2	Water	09/15/2015 1725	09/18/2015 0920
280-74439-7	PIN12-0555A	Water	09/16/2015 1000	09/18/2015 0920
280-74439-8	PIN12-0555B	Water	09/16/2015 1025	09/18/2015 0920
280-74439-9	PIN12-0555C	Water	09/16/2015 1055	09/18/2015 0920
280-74439-10	PIN12-0568-1	Water	09/15/2015 1035	09/18/2015 0920
280-74439-11	PIN12-0568-2	Water	09/15/2015 1055	09/18/2015 0920
280-74439-12	PIN12-0568-3	Water	09/15/2015 1115	09/18/2015 0920
280-74439-13	PIN12-0569-1	Water	09/15/2015 1310	09/18/2015 0920
280-74439-14	PIN12-0569-2	Water	09/15/2015 1330	09/18/2015 0920
280-74439-15	PIN12-0569-3	Water	09/15/2015 1355	09/18/2015 0920
280-74439-16	PIN12-0570-1	Water	09/15/2015 0925	09/18/2015 0920
280-74439-17	PIN12-0570-2	Water	09/15/2015 0945	09/18/2015 0920
280-74439-18	PIN12-0570-3	Water	09/15/2015 1010	09/18/2015 0920
280-74439-19	PIN12-0572-1	Water	09/15/2015 0750	09/18/2015 0920
280-74439-20	PIN12-0572-2	Water	09/15/2015 0840	09/18/2015 0920
280-74439-21	PIN12-0573-1	Water	09/15/2015 1430	09/18/2015 0920
280-74439-22	PIN12-0573-2	Water	09/15/2015 1450	09/18/2015 0920
280-74439-23	PIN12-0573-3	Water	09/15/2015 1510	09/18/2015 0920
280-74439-24	PIN12-0578-1	Water	09/16/2015 0835	09/18/2015 0920
280-74439-25	PIN12-0578-2	Water	09/16/2015 0850	09/18/2015 0920
280-74439-26	PIN12-0578-3	Water	09/16/2015 0910	09/18/2015 0920
280-74439-27	PIN12-0586-1	Water	09/15/2015 0825	09/18/2015 0920
280-74439-28	PIN12-0586-2	Water	09/15/2015 0850	09/18/2015 0920
280-74439-29	PIN12-0586-3	Water	09/15/2015 0930	09/18/2015 0920
280-74439-30	PIN99-2199	Water	09/15/2015 0930	09/18/2015 0920
280-74439-31	PIN12-2450	Water	09/16/2015 0840	09/18/2015 0920
280-74439-32	PIN99-2690	Water	09/15/2015 1000	09/18/2015 0920
280-74439-33	PIN12-S68B	Water	09/15/2015 1135	09/18/2015 0920
280-74439-34	PIN12-S68C	Water	09/15/2015 1050	09/18/2015 0920
280-74439-35	PIN12-S68D	Water	09/15/2015 1245	09/18/2015 0920
280-74439-36	PIN12-S69B	Water	09/16/2015 1020	09/18/2015 0920
280-74439-37	PIN12-S69C	Water	09/16/2015 1050	09/18/2015 0920
280-74439-38	PIN12-S69D	Water	09/16/2015 1405	09/18/2015 0920
280-74439-39	PIN12-S70B	Water	09/16/2015 1445	09/18/2015 0920
280-74439-40	PIN12-S70C	Water	09/16/2015 1555	09/18/2015 0920
280-74439-41	PIN12-S70D	Water	09/16/2015 1615	09/18/2015 0920
280-74439-42	PIN12-S71B	Water	09/16/2015 1405	09/18/2015 0920
280-74439-43	PIN12-S71C	Water	09/16/2015 1430	09/18/2015 0920
280-74439-44	PIN12-S71D	Water	09/16/2015 1515	09/18/2015 0920
280-74439-45	PIN12-S73B	Water	09/15/2015 1440	09/18/2015 0920
280-74439-46	PIN12-S73C	Water	09/15/2015 1400	09/18/2015 0920

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Lab Sample ID	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-74439-1	PIN12-0539					
Acetone		2.0	J F1 F2	10	ug/L	8260B
cis-1,2-Dichloroethene		0.16	J	1.0	ug/L	8260B
trans-1,2-Dichloroethene		0.35	J F1	1.0	ug/L	8260B
Vinyl chloride		3.2		1.0	ug/L	8260B
1,4-Dioxane		2.5		1.0	ug/L	8260B SIM
280-74439-2	PIN12-0540					
1,1-Dichloroethane		6.4		1.0	ug/L	8260B
trans-1,2-Dichloroethene		7.7		1.0	ug/L	8260B
Naphthalene		0.26	J B	1.0	ug/L	8260B
Toluene		0.26	J	1.0	ug/L	8260B
Vinyl chloride		28		1.0	ug/L	8260B
1,4-Dioxane		150	F1 F2	20	ug/L	8260B SIM
280-74439-3	PIN12-0541					
Acetone		6.2	J	10	ug/L	8260B
cis-1,2-Dichloroethene		0.37	J	1.0	ug/L	8260B
1,4-Dioxane		1.5		1.0	ug/L	8260B SIM
280-74439-4	PIN12-0542					
Chloromethane		0.35	J	1.0	ug/L	8260B
1,1-Dichloroethane		0.51	J	1.0	ug/L	8260B
cis-1,2-Dichloroethene		0.82	J	1.0	ug/L	8260B
Styrene		0.47	J B	1.0	ug/L	8260B
1,4-Dioxane		2.9		1.0	ug/L	8260B SIM
280-74439-5	PIN12-0549					
Acetone		4.3	J	10	ug/L	8260B
Chloromethane		0.37	J	1.0	ug/L	8260B
1,1-Dichloroethane		0.44	J	1.0	ug/L	8260B
cis-1,2-Dichloroethene		0.31	J	1.0	ug/L	8260B
1,4-Dioxane		3.2		1.0	ug/L	8260B SIM
280-74439-6	PIN12-0551-2					
Acetone		9.8	J	10	ug/L	8260B
1,2,3-Trichloropropane		5.2	*	1.0	ug/L	8260B
280-74439-7	PIN12-0555A					
Acetone		2.7	J	10	ug/L	8260B

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-74439-8 Acetone	PIN12-0555B	2.4	J	10	ug/L	8260B
280-74439-9 Acetone	PIN12-0555C	3.2	J	10	ug/L	8260B
cis-1,2-Dichloroethene		1.0		1.0	ug/L	8260B
trans-1,2-Dichloroethene		0.34	J	1.0	ug/L	8260B
1,4-Dioxane		0.27	J	1.0	ug/L	8260B SIM
280-74439-10 Acetone	PIN12-0568-1	3.7	J	10	ug/L	8260B
Chloromethane		0.45	J	1.0	ug/L	8260B
280-74439-11 Chloromethane	PIN12-0568-2	0.81	J	1.0	ug/L	8260B
1,4-Dioxane		1.2		1.0	ug/L	8260B SIM
280-74439-13 Acetone	PIN12-0569-1	3.9	J	10	ug/L	8260B
1,4-Dioxane		0.52	J	1.0	ug/L	8260B SIM
280-74439-14 Acetone	PIN12-0569-2	2.1	J	10	ug/L	8260B
1,1-Dichloroethane		0.24	J	1.0	ug/L	8260B
cis-1,2-Dichloroethene		1.0		1.0	ug/L	8260B
Vinyl chloride		4.2		1.0	ug/L	8260B
1,4-Dioxane		1.5		1.0	ug/L	8260B SIM
280-74439-15 Acetone	PIN12-0569-3	4.1	J	10	ug/L	8260B
1,1-Dichloroethane		0.27	J	1.0	ug/L	8260B
cis-1,2-Dichloroethene		21		1.0	ug/L	8260B
trans-1,2-Dichloroethene		0.38	J	1.0	ug/L	8260B
1,1-Dichloroethene		0.93	J	1.0	ug/L	8260B
Vinyl chloride		33		1.0	ug/L	8260B
1,4-Dioxane		1.8		1.0	ug/L	8260B SIM

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-74439-17	PIN12-0570-2					
Acetone		3.8	J	10	ug/L	8260B
Vinyl chloride		0.71	J	1.0	ug/L	8260B
1,4-Dioxane		1.2		1.0	ug/L	8260B SIM
280-74439-18	PIN12-0570-3					
Acetone		3.7	J	10	ug/L	8260B
Chloromethane		0.40	J	1.0	ug/L	8260B
cis-1,2-Dichloroethene		0.19	J	1.0	ug/L	8260B
Vinyl chloride		3.5		1.0	ug/L	8260B
1,4-Dioxane		1.6		1.0	ug/L	8260B SIM
280-74439-19	PIN12-0572-1					
Acetone		3.5	J	10	ug/L	8260B
cis-1,2-Dichloroethene		0.18	J	1.0	ug/L	8260B
280-74439-20	PIN12-0572-2					
Acetone		9.7	J	10	ug/L	8260B
cis-1,2-Dichloroethene		0.62	J	1.0	ug/L	8260B
Vinyl chloride		28		1.0	ug/L	8260B
1,4-Dioxane		5.6		1.0	ug/L	8260B SIM
280-74439-21	PIN12-0573-1					
Acetone		3.1	J	10	ug/L	8260B
280-74439-22	PIN12-0573-2					
Acetone		2.5	J	10	ug/L	8260B
1,4-Dioxane		0.50	J	1.0	ug/L	8260B SIM
280-74439-23	PIN12-0573-3					
Acetone		2.5	J	10	ug/L	8260B
1,4-Dioxane		0.55	J	1.0	ug/L	8260B SIM
280-74439-24	PIN12-0578-1					
Acetone		2.8	J	10	ug/L	8260B
Chloromethane		0.58	J	1.0	ug/L	8260B

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-74439-25	PIN12-0578-2					
Acetone		3.0	J	10	ug/L	8260B
Chloromethane		0.43	J	1.0	ug/L	8260B
1,4-Dioxane		0.60	J	1.0	ug/L	8260B SIM
280-74439-26	PIN12-0578-3					
Acetone		2.3	J	10	ug/L	8260B
Chloromethane		0.39	J	1.0	ug/L	8260B
1,4-Dioxane		0.46	J	1.0	ug/L	8260B SIM
280-74439-27	PIN12-0586-1					
cis-1,2-Dichloroethene		0.67	J	1.0	ug/L	8260B
Vinyl chloride		2.0		1.0	ug/L	8260B
1,4-Dioxane		0.57	J	1.0	ug/L	8260B SIM
280-74439-28	PIN12-0586-2					
1,1-Dichloroethane		0.26	J	1.0	ug/L	8260B
cis-1,2-Dichloroethene		11		1.0	ug/L	8260B
1,1-Dichloroethene		0.33	J	1.0	ug/L	8260B
Vinyl chloride		8.3		1.0	ug/L	8260B
1,4-Dioxane		1.5		1.0	ug/L	8260B SIM
280-74439-29	PIN12-0586-3					
Acetone		2.5	J	10	ug/L	8260B
Vinyl chloride		5.5		1.0	ug/L	8260B
1,4-Dioxane		1.2		1.0	ug/L	8260B SIM
280-74439-31	PIN12-2450					
Acetone		2.4	J	10	ug/L	8260B
Chloromethane		0.34	J	1.0	ug/L	8260B
280-74439-32	PIN99-2690					
Acetone		2.0	J	10	ug/L	8260B
280-74439-33	PIN12-S68B					
1,4-Dioxane		0.36	J	1.0	ug/L	8260B SIM

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-74439-34	PIN12-S68C					
Acetone		2.0	J	10	ug/L	8260B
1,1-Dichloroethane		2.4		1.0	ug/L	8260B
cis-1,2-Dichloroethene		11		1.0	ug/L	8260B
trans-1,2-Dichloroethene		0.22	J	1.0	ug/L	8260B
Vinyl chloride		6.8		1.0	ug/L	8260B
1,4-Dioxane		7.2		1.0	ug/L	8260B SIM
280-74439-35	PIN12-S68D					
Acetone		2.2	J	10	ug/L	8260B
Benzene		0.29	J	1.0	ug/L	8260B
1,1-Dichloroethane		0.75	J	1.0	ug/L	8260B
cis-1,2-Dichloroethene		47		1.0	ug/L	8260B
trans-1,2-Dichloroethene		0.54	J	1.0	ug/L	8260B
Vinyl chloride		16		1.0	ug/L	8260B
1,4-Dioxane		2.1		1.0	ug/L	8260B SIM
280-74439-36	PIN12-S69B					
Acetone		2.0	J	10	ug/L	8260B
Chloromethane		0.35	J	1.0	ug/L	8260B
280-74439-37	PIN12-S69C					
Acetone		2.4	J	10	ug/L	8260B
Chloromethane		0.33	J	1.0	ug/L	8260B
cis-1,2-Dichloroethene		0.60	J	1.0	ug/L	8260B
trans-1,2-Dichloroethene		0.18	J	1.0	ug/L	8260B
Vinyl chloride		0.18	J	1.0	ug/L	8260B
1,4-Dioxane		6.9		1.0	ug/L	8260B SIM
280-74439-38	PIN12-S69D					
Acetone		2.7	J	10	ug/L	8260B
cis-1,2-Dichloroethene		0.40	J	1.0	ug/L	8260B
Vinyl chloride		0.32	J	1.0	ug/L	8260B
1,4-Dioxane		0.90	J	1.0	ug/L	8260B SIM
280-74439-39	PIN12-S70B					
Acetone		2.5	J	10	ug/L	8260B
cis-1,2-Dichloroethene		14		1.0	ug/L	8260B
trans-1,2-Dichloroethene		0.50	J	1.0	ug/L	8260B
Vinyl chloride		4.4		1.0	ug/L	8260B
1,4-Dioxane		0.99	J	1.0	ug/L	8260B SIM

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-74439-40	PIN12-S70C					
Acetone		3.3	J	10	ug/L	8260B
1,1-Dichloroethane		5.4		1.0	ug/L	8260B
cis-1,2-Dichloroethene		10		1.0	ug/L	8260B
trans-1,2-Dichloroethene		2.7		1.0	ug/L	8260B
Vinyl chloride		6.2		1.0	ug/L	8260B
1,4-Dioxane		17		1.0	ug/L	8260B SIM
280-74439-41	PIN12-S70D					
Acetone		2.5	J	10	ug/L	8260B
1,1-Dichloroethane		8.2		1.0	ug/L	8260B
cis-1,2-Dichloroethene		19		1.0	ug/L	8260B
trans-1,2-Dichloroethene		6.8		1.0	ug/L	8260B
1,1-Dichloroethene		0.44	J	1.0	ug/L	8260B
Vinyl chloride		12		1.0	ug/L	8260B
1,4-Dioxane		18		1.0	ug/L	8260B SIM
280-74439-42	PIN12-S71B					
Acetone		1.9	J	10	ug/L	8260B
1,4-Dioxane		0.82	J	1.0	ug/L	8260B SIM
280-74439-43	PIN12-S71C					
Acetone		2.4	J	10	ug/L	8260B
1,1-Dichloroethane		3.3		1.0	ug/L	8260B
cis-1,2-Dichloroethene		19		1.0	ug/L	8260B
trans-1,2-Dichloroethene		11		1.0	ug/L	8260B
Vinyl chloride		48		1.0	ug/L	8260B
1,4-Dioxane		31		2.0	ug/L	8260B SIM
280-74439-44	PIN12-S71D					
Acetone		3.1	J	10	ug/L	8260B
1,1-Dichloroethane		2.3		1.0	ug/L	8260B
cis-1,2-Dichloroethene		27		1.0	ug/L	8260B
trans-1,2-Dichloroethene		12		1.0	ug/L	8260B
1,1-Dichloroethene		0.35	J	1.0	ug/L	8260B
Vinyl chloride		39		1.0	ug/L	8260B
1,4-Dioxane		23	E	1.0	ug/L	8260B SIM

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Lab Sample ID	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-74439-45	PIN12-S73B					
Acetone		6.6	J	10	ug/L	8260B
2-Butanone (MEK)		2.4	J	5.0	ug/L	8260B
Toluene		0.23	J	1.0	ug/L	8260B
Vinyl chloride		0.71	J	1.0	ug/L	8260B
1,4-Dioxane		6.7		1.0	ug/L	8260B SIM
280-74439-46	PIN12-S73C					
1,1-Dichloroethane		5.4		1.0	ug/L	8260B
cis-1,2-Dichloroethene		7.2		1.0	ug/L	8260B
trans-1,2-Dichloroethene		17		1.0	ug/L	8260B
Vinyl chloride		110		4.0	ug/L	8260B
1,4-Dioxane		88		5.0	ug/L	8260B SIM

METHOD SUMMARY

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Volatile Organic Compounds (GC/MS)	TAL DEN	SW846 8260B	
Purge and Trap	TAL DEN		SW846 5030B
Volatile Organic Compounds (GC/MS-SIM)	TAL DEN	SW846 8260B SIM	
Purge and Trap	TAL DEN		SW846 5030B

Lab References:

TAL DEN = TestAmerica Denver

Method References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Method	Analyst	Analyst ID
SW846 8260B	Wickham, Tom A	TAW
SW846 8260B SIM	Moan, Matthew R	MRM

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0539

Lab Sample ID: 280-74439-1

Date Sampled: 09/15/2015 1545

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296721	Instrument ID: VMS_H
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: H7513.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1248		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1248		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	2.0	J F1 F2	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U F1	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U F1	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U F2	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U F2	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U F2	0.13	1.0
cis-1,2-Dichloroethene	0.16	J	0.15	1.0
trans-1,2-Dichloroethene	0.35	J F1	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U F2	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U F2	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0539

Lab Sample ID: 280-74439-1

Date Sampled: 09/15/2015 1545

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296721	Instrument ID: VMS_H
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: H7513.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1248		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1248		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U *	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U F1	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U F1 F2	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U * F1	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	3.2		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94		70 - 127
Toluene-d8 (Surr)	98		80 - 125
4-Bromofluorobenzene (Surr)	92		78 - 120
Dibromofluoromethane (Surr)	106		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0540

Lab Sample ID: 280-74439-2

Date Sampled: 09/15/2015 1620

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296721	Instrument ID: VMS_H
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: H7516.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1357		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1357		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	6.4		0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	7.7		0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.26	J B	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0540

Lab Sample ID: 280-74439-2

Date Sampled: 09/15/2015 1620

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296721	Instrument ID: VMS_H
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: H7516.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1357		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1357		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U *	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.26	J	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U *	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	28		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	89		70 - 127
Toluene-d8 (Surr)	100		80 - 125
4-Bromofluorobenzene (Surr)	86		78 - 120
Dibromofluoromethane (Surr)	106		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0541

Lab Sample ID: 280-74439-3

Date Sampled: 09/15/2015 1700

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296721	Instrument ID: VMS_H
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: H7517.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1421		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1421		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	6.2	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.37	J	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0541

Lab Sample ID: 280-74439-3

Date Sampled: 09/15/2015 1700

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296721	Instrument ID: VMS_H
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: H7517.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1421		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1421		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U *	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U *	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	76		70 - 127
Toluene-d8 (Surr)	110		80 - 125
4-Bromofluorobenzene (Surr)	94		78 - 120
Dibromofluoromethane (Surr)	96		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0542

Lab Sample ID: 280-74439-4

Date Sampled: 09/16/2015 0835

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296866	Instrument ID: VMS_MS1	
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3124.D	
Dilution: 1.0		Initial Weight/Volume: 20 mL	
Analysis Date: 09/29/2015 1001		Final Weight/Volume: 20 mL	
Prep Date: 09/29/2015 1001			

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U F2	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U F2	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U F1	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U F2	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.35	J	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.51	J	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.82	J	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0542

Lab Sample ID: 280-74439-4

Date Sampled: 09/16/2015 0835

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296866	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3124.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/29/2015 1001		Final Weight/Volume: 20 mL
Prep Date: 09/29/2015 1001		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.47	J B	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	92		70 - 127
Toluene-d8 (Surr)	88		80 - 125
4-Bromofluorobenzene (Surr)	96		78 - 120
Dibromofluoromethane (Surr)	103		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0549

Lab Sample ID: 280-74439-5

Date Sampled: 09/16/2015 0915

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296866	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3127.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/29/2015 1102		Final Weight/Volume: 20 mL
Prep Date: 09/29/2015 1102		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	4.3	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.37	J	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.44	J	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.31	J	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0549

Lab Sample ID: 280-74439-5

Date Sampled: 09/16/2015 0915

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296866	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3127.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/29/2015 1102		Final Weight/Volume: 20 mL
Prep Date: 09/29/2015 1102		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	98		70 - 127
Toluene-d8 (Surr)	99		80 - 125
4-Bromofluorobenzene (Surr)	107		78 - 120
Dibromofluoromethane (Surr)	103		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0551-2

Lab Sample ID: 280-74439-6

Date Sampled: 09/15/2015 1725

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296721	Instrument ID: VMS_H	
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: H7518.D	
Dilution: 1.0		Initial Weight/Volume: 20 mL	
Analysis Date: 09/28/2015 1444		Final Weight/Volume: 20 mL	
Prep Date: 09/28/2015 1444			

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	9.8	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0551-2

Lab Sample ID: 280-74439-6

Date Sampled: 09/15/2015 1725

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296721	Instrument ID: VMS_H
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: H7518.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1444		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1444		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U *	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	5.2	*	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	79		70 - 127
Toluene-d8 (Surr)	100		80 - 125
4-Bromofluorobenzene (Surr)	87		78 - 120
Dibromofluoromethane (Surr)	94		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0555A

Lab Sample ID: 280-74439-7

Date Sampled: 09/16/2015 1000

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296866	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3128.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/29/2015 1123		Final Weight/Volume: 20 mL
Prep Date: 09/29/2015 1123		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	2.7	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0555A

Lab Sample ID: 280-74439-7

Date Sampled: 09/16/2015 1000

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296866	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3128.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/29/2015 1123		Final Weight/Volume: 20 mL
Prep Date: 09/29/2015 1123		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	112		70 - 127
Toluene-d8 (Surr)	98		80 - 125
4-Bromofluorobenzene (Surr)	107		78 - 120
Dibromofluoromethane (Surr)	111		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0555B

Lab Sample ID: 280-74439-8

Date Sampled: 09/16/2015 1025

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296866	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3129.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/29/2015 1143		Final Weight/Volume: 20 mL
Prep Date: 09/29/2015 1143		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	2.4	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0555B

Lab Sample ID: 280-74439-8

Date Sampled: 09/16/2015 1025

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296866	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3129.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/29/2015 1143		Final Weight/Volume: 20 mL
Prep Date: 09/29/2015 1143		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	107		70 - 127
Toluene-d8 (Surr)	93		80 - 125
4-Bromofluorobenzene (Surr)	110		78 - 120
Dibromofluoromethane (Surr)	105		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0555C

Lab Sample ID: 280-74439-9

Date Sampled: 09/16/2015 1055

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296866	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3130.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/29/2015 1204		Final Weight/Volume: 20 mL
Prep Date: 09/29/2015 1204		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	3.2	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	1.0		0.15	1.0
trans-1,2-Dichloroethene	0.34	J	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0555C

Lab Sample ID: 280-74439-9

Date Sampled: 09/16/2015 1055

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296866	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3130.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/29/2015 1204		Final Weight/Volume: 20 mL
Prep Date: 09/29/2015 1204		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	108		70 - 127
Toluene-d8 (Surr)	95		80 - 125
4-Bromofluorobenzene (Surr)	104		78 - 120
Dibromofluoromethane (Surr)	104		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0568-1

Lab Sample ID: 280-74439-10

Date Sampled: 09/15/2015 1035

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296721	Instrument ID: VMS_H
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: H7519.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1507		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1507		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	3.7	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.45	J	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0568-1

Lab Sample ID: 280-74439-10

Date Sampled: 09/15/2015 1035

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296721	Instrument ID: VMS_H
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: H7519.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1507		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1507		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U *	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U *	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	83		70 - 127
Toluene-d8 (Surr)	99		80 - 125
4-Bromofluorobenzene (Surr)	90		78 - 120
Dibromofluoromethane (Surr)	97		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0568-2

Lab Sample ID: 280-74439-11

Date Sampled: 09/15/2015 1055

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296721	Instrument ID: VMS_H
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: H7520.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1530		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1530		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.81	J	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0568-2

Lab Sample ID: 280-74439-11

Date Sampled: 09/15/2015 1055

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296721	Instrument ID: VMS_H
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: H7520.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1530		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1530		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U *	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U *	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	87		70 - 127
Toluene-d8 (Surr)	101		80 - 125
4-Bromofluorobenzene (Surr)	91		78 - 120
Dibromofluoromethane (Surr)	113		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0568-3

Lab Sample ID: 280-74439-12

Date Sampled: 09/15/2015 1115

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296721	Instrument ID: VMS_H
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: H7521.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1553		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1553		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0568-3

Lab Sample ID: 280-74439-12

Date Sampled: 09/15/2015 1115

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296721	Instrument ID: VMS_H
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: H7521.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1553		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1553		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U *	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U *	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	77		70 - 127
Toluene-d8 (Surr)	101		80 - 125
4-Bromofluorobenzene (Surr)	90		78 - 120
Dibromofluoromethane (Surr)	95		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0569-1

Lab Sample ID: 280-74439-13

Date Sampled: 09/15/2015 1310

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296721	Instrument ID: VMS_H
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: H7522.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1616		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1616		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	3.9	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0569-1

Lab Sample ID: 280-74439-13

Date Sampled: 09/15/2015 1310

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296721	Instrument ID: VMS_H
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: H7522.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1616		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1616		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U *	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U *	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	83		70 - 127
Toluene-d8 (Surr)	93		80 - 125
4-Bromofluorobenzene (Surr)	88		78 - 120
Dibromofluoromethane (Surr)	97		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0569-2

Lab Sample ID: 280-74439-14

Date Sampled: 09/15/2015 1330

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296721	Instrument ID: VMS_H
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: H7523.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1639		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1639		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	2.1	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.24	J	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	1.0		0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0569-2

Lab Sample ID: 280-74439-14

Date Sampled: 09/15/2015 1330

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296721	Instrument ID: VMS_H
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: H7523.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1639		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1639		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U *	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U *	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	4.2		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	88		70 - 127
Toluene-d8 (Surr)	95		80 - 125
4-Bromofluorobenzene (Surr)	87		78 - 120
Dibromofluoromethane (Surr)	99		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0569-3

Lab Sample ID: 280-74439-15

Date Sampled: 09/15/2015 1355

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296721	Instrument ID: VMS_H
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: H7524.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1703		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1703		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	4.1	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.27	J	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	21		0.15	1.0
trans-1,2-Dichloroethene	0.38	J	0.15	1.0
1,1-Dichloroethene	0.93	J	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0569-3

Lab Sample ID: 280-74439-15

Date Sampled: 09/15/2015 1355

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296721	Instrument ID: VMS_H
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: H7524.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1703		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1703		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U *	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U *	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	33		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	86		70 - 127
Toluene-d8 (Surr)	97		80 - 125
4-Bromofluorobenzene (Surr)	90		78 - 120
Dibromofluoromethane (Surr)	100		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0570-1

Lab Sample ID: 280-74439-16

Date Sampled: 09/15/2015 0925

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296721	Instrument ID: VMS_H
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: H7525.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1726		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1726		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0570-1

Lab Sample ID: 280-74439-16

Date Sampled: 09/15/2015 0925

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296721	Instrument ID: VMS_H
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: H7525.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1726		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1726		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U *	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U *	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	89		70 - 127
Toluene-d8 (Surr)	104		80 - 125
4-Bromofluorobenzene (Surr)	91		78 - 120
Dibromofluoromethane (Surr)	104		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0570-2

Lab Sample ID: 280-74439-17

Date Sampled: 09/15/2015 0945

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296721	Instrument ID: VMS_H
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: H7526.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1749		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1749		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	3.8	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0570-2

Lab Sample ID: 280-74439-17

Date Sampled: 09/15/2015 0945

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296721	Instrument ID: VMS_H
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: H7526.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1749		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1749		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U *	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U *	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.71	J	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	89		70 - 127
Toluene-d8 (Surr)	96		80 - 125
4-Bromofluorobenzene (Surr)	88		78 - 120
Dibromofluoromethane (Surr)	100		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0570-3

Lab Sample ID: 280-74439-18

Date Sampled: 09/15/2015 1010

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296721	Instrument ID: VMS_H
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: H7527.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1812		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1812		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	3.7	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.40	J	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.19	J	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0570-3

Lab Sample ID: 280-74439-18

Date Sampled: 09/15/2015 1010

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296721	Instrument ID: VMS_H
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: H7527.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1812		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1812		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U *	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U *	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	3.5		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	85		70 - 127
Toluene-d8 (Surr)	94		80 - 125
4-Bromofluorobenzene (Surr)	85		78 - 120
Dibromofluoromethane (Surr)	97		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0572-1

Lab Sample ID: 280-74439-19

Date Sampled: 09/15/2015 0750

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296721	Instrument ID: VMS_H
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: H7528.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1835		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1835		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	3.5	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.18	J	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0572-1

Lab Sample ID: 280-74439-19

Date Sampled: 09/15/2015 0750

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296721	Instrument ID: VMS_H
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: H7528.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1835		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1835		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U *	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U *	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	91		70 - 127
Toluene-d8 (Surr)	101		80 - 125
4-Bromofluorobenzene (Surr)	92		78 - 120
Dibromofluoromethane (Surr)	102		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0572-2

Lab Sample ID: 280-74439-20

Date Sampled: 09/15/2015 0840

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296721	Instrument ID: VMS_H
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: H7529.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1858		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1858		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	9.7	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.62	J	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0572-2

Lab Sample ID: 280-74439-20

Date Sampled: 09/15/2015 0840

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296721	Instrument ID: VMS_H
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: H7529.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1858		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1858		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U *	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U *	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	28		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93		70 - 127
Toluene-d8 (Surr)	98		80 - 125
4-Bromofluorobenzene (Surr)	88		78 - 120
Dibromofluoromethane (Surr)	101		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0573-1

Lab Sample ID: 280-74439-21

Date Sampled: 09/15/2015 1430

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296720	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3077.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1604		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1604		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	3.1	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0573-1

Lab Sample ID: 280-74439-21

Date Sampled: 09/15/2015 1430

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296720	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3077.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1604		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1604		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	105		70 - 127
Toluene-d8 (Surr)	94		80 - 125
4-Bromofluorobenzene (Surr)	104		78 - 120
Dibromofluoromethane (Surr)	100		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0573-2

Lab Sample ID: 280-74439-22

Date Sampled: 09/15/2015 1450

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296720	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3078.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1625		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1625		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	2.5	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0573-2

Lab Sample ID: 280-74439-22

Date Sampled: 09/15/2015 1450

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296720	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3078.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1625		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1625		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	104		70 - 127
Toluene-d8 (Surr)	93		80 - 125
4-Bromofluorobenzene (Surr)	105		78 - 120
Dibromofluoromethane (Surr)	99		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0573-3

Lab Sample ID: 280-74439-23

Date Sampled: 09/15/2015 1510

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296720	Instrument ID: VMS_MS1	
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3079.D	
Dilution: 1.0		Initial Weight/Volume: 20 mL	
Analysis Date: 09/28/2015 1645		Final Weight/Volume: 20 mL	
Prep Date: 09/28/2015 1645			

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	2.5	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0573-3

Lab Sample ID: 280-74439-23

Date Sampled: 09/15/2015 1510

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296720	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3079.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1645		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1645		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	104		70 - 127
Toluene-d8 (Surr)	92		80 - 125
4-Bromofluorobenzene (Surr)	102		78 - 120
Dibromofluoromethane (Surr)	101		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0578-1

Lab Sample ID: 280-74439-24

Date Sampled: 09/16/2015 0835

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296866	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3131.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/29/2015 1225		Final Weight/Volume: 20 mL
Prep Date: 09/29/2015 1225		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	2.8	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.58	J	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0578-1

Lab Sample ID: 280-74439-24

Date Sampled: 09/16/2015 0835

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296866	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3131.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/29/2015 1225		Final Weight/Volume: 20 mL
Prep Date: 09/29/2015 1225		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103		70 - 127
Toluene-d8 (Surr)	95		80 - 125
4-Bromofluorobenzene (Surr)	107		78 - 120
Dibromofluoromethane (Surr)	102		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0578-2

Lab Sample ID: 280-74439-25

Date Sampled: 09/16/2015 0850

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B Analysis Batch: 280-296866 Instrument ID: VMS_MS1
Prep Method: 5030B Prep Batch: N/A Lab File ID: MS3132.D
Dilution: 1.0 Initial Weight/Volume: 20 mL
Analysis Date: 09/29/2015 1245 Final Weight/Volume: 20 mL
Prep Date: 09/29/2015 1245

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	3.0	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.43	J	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0578-2

Lab Sample ID: 280-74439-25

Date Sampled: 09/16/2015 0850

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296866	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3132.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/29/2015 1245		Final Weight/Volume: 20 mL
Prep Date: 09/29/2015 1245		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	106		70 - 127
Toluene-d8 (Surr)	95		80 - 125
4-Bromofluorobenzene (Surr)	104		78 - 120
Dibromofluoromethane (Surr)	103		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0578-3

Lab Sample ID: 280-74439-26

Date Sampled: 09/16/2015 0910

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296866	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3133.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/29/2015 1306		Final Weight/Volume: 20 mL
Prep Date: 09/29/2015 1306		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	2.3	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.39	J	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0578-3

Lab Sample ID: 280-74439-26

Date Sampled: 09/16/2015 0910

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296866	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3133.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/29/2015 1306		Final Weight/Volume: 20 mL
Prep Date: 09/29/2015 1306		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	102		70 - 127
Toluene-d8 (Surr)	93		80 - 125
4-Bromofluorobenzene (Surr)	103		78 - 120
Dibromofluoromethane (Surr)	101		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0586-1

Lab Sample ID: 280-74439-27

Date Sampled: 09/15/2015 0825

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296720	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3080.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1706		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1706		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.67	J	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0586-1

Lab Sample ID: 280-74439-27

Date Sampled: 09/15/2015 0825

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296720	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3080.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1706		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1706		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	2.0		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	106		70 - 127
Toluene-d8 (Surr)	94		80 - 125
4-Bromofluorobenzene (Surr)	102		78 - 120
Dibromofluoromethane (Surr)	101		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0586-2

Lab Sample ID: 280-74439-28

Date Sampled: 09/15/2015 0850

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296720	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3081.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1726		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1726		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.26	J	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	11		0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.33	J	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0586-2

Lab Sample ID: 280-74439-28

Date Sampled: 09/15/2015 0850

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296720	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3081.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1726		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1726		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	8.3		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	107		70 - 127
Toluene-d8 (Surr)	95		80 - 125
4-Bromofluorobenzene (Surr)	102		78 - 120
Dibromofluoromethane (Surr)	102		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0586-3

Lab Sample ID: 280-74439-29

Date Sampled: 09/15/2015 0930

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296720	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3082.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1747		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1747		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	2.5	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0586-3

Lab Sample ID: 280-74439-29

Date Sampled: 09/15/2015 0930

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296720	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3082.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1747		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1747		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	5.5		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	102		70 - 127
Toluene-d8 (Surr)	92		80 - 125
4-Bromofluorobenzene (Surr)	105		78 - 120
Dibromofluoromethane (Surr)	100		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN99-2199

Lab Sample ID: 280-74439-30

Date Sampled: 09/15/2015 0930

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-296720	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS3075.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/28/2015 1523			Final Weight/Volume:	20 mL
Prep Date:	09/28/2015 1523				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN99-2199

Lab Sample ID: 280-74439-30

Date Sampled: 09/15/2015 0930

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296720	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3075.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1523		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1523		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103		70 - 127
Toluene-d8 (Surr)	92		80 - 125
4-Bromofluorobenzene (Surr)	92		78 - 120
Dibromofluoromethane (Surr)	98		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-2450

Lab Sample ID: 280-74439-31

Date Sampled: 09/16/2015 0840

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296866	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3134.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/29/2015 1326		Final Weight/Volume: 20 mL
Prep Date: 09/29/2015 1326		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	2.4	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.34	J	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-2450

Lab Sample ID: 280-74439-31

Date Sampled: 09/16/2015 0840

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296866	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3134.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/29/2015 1326		Final Weight/Volume: 20 mL
Prep Date: 09/29/2015 1326		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103		70 - 127
Toluene-d8 (Surr)	93		80 - 125
4-Bromofluorobenzene (Surr)	101		78 - 120
Dibromofluoromethane (Surr)	100		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN99-2690

Lab Sample ID: 280-74439-32

Date Sampled: 09/15/2015 1000

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296720	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3076.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1543		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1543		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	2.0	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN99-2690

Lab Sample ID: 280-74439-32

Date Sampled: 09/15/2015 1000

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296720	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3076.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1543		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1543		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	105		70 - 127
Toluene-d8 (Surr)	97		80 - 125
4-Bromofluorobenzene (Surr)	96		78 - 120
Dibromofluoromethane (Surr)	104		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-S68B

Lab Sample ID: 280-74439-33

Date Sampled: 09/15/2015 1135

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-296720	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS3083.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/28/2015 1808			Final Weight/Volume:	20 mL
Prep Date:	09/28/2015 1808				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-S68B

Lab Sample ID: 280-74439-33

Date Sampled: 09/15/2015 1135

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296720	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3083.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1808		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1808		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	104		70 - 127
Toluene-d8 (Surr)	94		80 - 125
4-Bromofluorobenzene (Surr)	102		78 - 120
Dibromofluoromethane (Surr)	101		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-S68C

Lab Sample ID: 280-74439-34

Date Sampled: 09/15/2015 1050

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296720	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3084.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1828		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1828		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	2.0	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	2.4		0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	11		0.15	1.0
trans-1,2-Dichloroethene	0.22	J	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-S68C

Lab Sample ID: 280-74439-34

Date Sampled: 09/15/2015 1050

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296720	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3084.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1828		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1828		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	6.8		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	105		70 - 127
Toluene-d8 (Surr)	92		80 - 125
4-Bromofluorobenzene (Surr)	105		78 - 120
Dibromofluoromethane (Surr)	100		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-S68D

Lab Sample ID: 280-74439-35

Date Sampled: 09/15/2015 1245

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296720	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3085.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1849		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1849		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	2.2	J	1.9	10
Benzene	0.29	J	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.75	J	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	47		0.15	1.0
trans-1,2-Dichloroethene	0.54	J	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-S68D

Lab Sample ID: 280-74439-35

Date Sampled: 09/15/2015 1245

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296720	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3085.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1849		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1849		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	16		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	100		70 - 127
Toluene-d8 (Surr)	94		80 - 125
4-Bromofluorobenzene (Surr)	104		78 - 120
Dibromofluoromethane (Surr)	98		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-S69B

Lab Sample ID: 280-74439-36

Date Sampled: 09/16/2015 1020

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-296866	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS3135.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/29/2015 1347			Final Weight/Volume:	20 mL
Prep Date:	09/29/2015 1347				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	2.0	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.35	J	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-S69B

Lab Sample ID: 280-74439-36

Date Sampled: 09/16/2015 1020

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296866	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3135.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/29/2015 1347		Final Weight/Volume: 20 mL
Prep Date: 09/29/2015 1347		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	100		70 - 127
Toluene-d8 (Surr)	91		80 - 125
4-Bromofluorobenzene (Surr)	99		78 - 120
Dibromofluoromethane (Surr)	99		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-S69C

Lab Sample ID: 280-74439-37

Date Sampled: 09/16/2015 1050

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296866	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3136.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/29/2015 1408		Final Weight/Volume: 20 mL
Prep Date: 09/29/2015 1408		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	2.4	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.33	J	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.60	J	0.15	1.0
trans-1,2-Dichloroethene	0.18	J	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-S69C

Lab Sample ID: 280-74439-37

Date Sampled: 09/16/2015 1050

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296866	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3136.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/29/2015 1408		Final Weight/Volume: 20 mL
Prep Date: 09/29/2015 1408		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.18	J	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	110		70 - 127
Toluene-d8 (Surr)	98		80 - 125
4-Bromofluorobenzene (Surr)	108		78 - 120
Dibromofluoromethane (Surr)	108		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-S69D

Lab Sample ID: 280-74439-38

Date Sampled: 09/16/2015 1405

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296866	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3137.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/29/2015 1428		Final Weight/Volume: 20 mL
Prep Date: 09/29/2015 1428		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	2.7	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.40	J	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-S69D

Lab Sample ID: 280-74439-38

Date Sampled: 09/16/2015 1405

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296866	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3137.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/29/2015 1428		Final Weight/Volume: 20 mL
Prep Date: 09/29/2015 1428		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.32	J	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	104		70 - 127
Toluene-d8 (Surr)	92		80 - 125
4-Bromofluorobenzene (Surr)	104		78 - 120
Dibromofluoromethane (Surr)	100		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-S70B

Lab Sample ID: 280-74439-39

Date Sampled: 09/16/2015 1445

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296866	Instrument ID: VMS_MS1	
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3138.D	
Dilution: 1.0		Initial Weight/Volume: 20 mL	
Analysis Date: 09/29/2015 1449		Final Weight/Volume: 20 mL	
Prep Date: 09/29/2015 1449			

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	2.5	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	14		0.15	1.0
trans-1,2-Dichloroethene	0.50	J	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-S70B

Lab Sample ID: 280-74439-39

Date Sampled: 09/16/2015 1445

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296866	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3138.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/29/2015 1449		Final Weight/Volume: 20 mL
Prep Date: 09/29/2015 1449		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	4.4		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103		70 - 127
Toluene-d8 (Surr)	93		80 - 125
4-Bromofluorobenzene (Surr)	107		78 - 120
Dibromofluoromethane (Surr)	106		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-S70C

Lab Sample ID: 280-74439-40

Date Sampled: 09/16/2015 1555

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296866	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3139.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/29/2015 1510		Final Weight/Volume: 20 mL
Prep Date: 09/29/2015 1510		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	3.3	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	5.4		0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	10		0.15	1.0
trans-1,2-Dichloroethene	2.7		0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-S70C

Lab Sample ID: 280-74439-40

Date Sampled: 09/16/2015 1555

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296866	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3139.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/29/2015 1510		Final Weight/Volume: 20 mL
Prep Date: 09/29/2015 1510		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	6.2		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	108		70 - 127
Toluene-d8 (Surr)	98		80 - 125
4-Bromofluorobenzene (Surr)	105		78 - 120
Dibromofluoromethane (Surr)	106		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-S70D

Lab Sample ID: 280-74439-41

Date Sampled: 09/16/2015 1615

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296866	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3140.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/29/2015 1530		Final Weight/Volume: 20 mL
Prep Date: 09/29/2015 1530		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	2.5	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	8.2		0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	19		0.15	1.0
trans-1,2-Dichloroethene	6.8		0.15	1.0
1,1-Dichloroethene	0.44	J	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-S70D

Lab Sample ID: 280-74439-41

Date Sampled: 09/16/2015 1615

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296866	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3140.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/29/2015 1530		Final Weight/Volume: 20 mL
Prep Date: 09/29/2015 1530		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	12		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103		70 - 127
Toluene-d8 (Surr)	92		80 - 125
4-Bromofluorobenzene (Surr)	101		78 - 120
Dibromofluoromethane (Surr)	100		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-S71B

Lab Sample ID: 280-74439-42

Date Sampled: 09/16/2015 1405

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296866	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3141.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/29/2015 1551		Final Weight/Volume: 20 mL
Prep Date: 09/29/2015 1551		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-S71B

Lab Sample ID: 280-74439-42

Date Sampled: 09/16/2015 1405

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296866	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3141.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/29/2015 1551		Final Weight/Volume: 20 mL
Prep Date: 09/29/2015 1551		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	106		70 - 127
Toluene-d8 (Surr)	94		80 - 125
4-Bromofluorobenzene (Surr)	104		78 - 120
Dibromofluoromethane (Surr)	103		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-S71C

Lab Sample ID: 280-74439-43

Date Sampled: 09/16/2015 1430

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296866	Instrument ID: VMS_MS1	
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3142.D	
Dilution: 1.0		Initial Weight/Volume: 20 mL	
Analysis Date: 09/29/2015 1611		Final Weight/Volume: 20 mL	
Prep Date: 09/29/2015 1611			

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	2.4	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	3.3		0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	19		0.15	1.0
trans-1,2-Dichloroethene	11		0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-S71C

Lab Sample ID: 280-74439-43

Date Sampled: 09/16/2015 1430

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296866	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3142.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/29/2015 1611		Final Weight/Volume: 20 mL
Prep Date: 09/29/2015 1611		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	48		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	101		70 - 127
Toluene-d8 (Surr)	90		80 - 125
4-Bromofluorobenzene (Surr)	102		78 - 120
Dibromofluoromethane (Surr)	98		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-S71D

Lab Sample ID: 280-74439-44

Date Sampled: 09/16/2015 1515

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296866	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3143.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/29/2015 1632		Final Weight/Volume: 20 mL
Prep Date: 09/29/2015 1632		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	3.1	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	2.3		0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	27		0.15	1.0
trans-1,2-Dichloroethene	12		0.15	1.0
1,1-Dichloroethene	0.35	J	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-S71D

Lab Sample ID: 280-74439-44

Date Sampled: 09/16/2015 1515

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296866	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3143.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/29/2015 1632		Final Weight/Volume: 20 mL
Prep Date: 09/29/2015 1632		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	39		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	101		70 - 127
Toluene-d8 (Surr)	91		80 - 125
4-Bromofluorobenzene (Surr)	99		78 - 120
Dibromofluoromethane (Surr)	99		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-S73B

Lab Sample ID: 280-74439-45

Date Sampled: 09/15/2015 1440

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-296720	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS3086.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/28/2015 1909			Final Weight/Volume:	20 mL
Prep Date:	09/28/2015 1909				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	6.6	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.4	J	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-S73B

Lab Sample ID: 280-74439-45

Date Sampled: 09/15/2015 1440

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296720	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3086.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1909		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1909		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.23	J	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.71	J	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	105		70 - 127
Toluene-d8 (Surr)	95		80 - 125
4-Bromofluorobenzene (Surr)	101		78 - 120
Dibromofluoromethane (Surr)	101		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-S73C

Lab Sample ID: 280-74439-46

Date Sampled: 09/15/2015 1400

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296720	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3087.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1930		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1930		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	5.4		0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	7.2		0.15	1.0
trans-1,2-Dichloroethene	17		0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-S73C

Lab Sample ID: 280-74439-46

Date Sampled: 09/15/2015 1400

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296720	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3087.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1930		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1930		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	102		70 - 127
Toluene-d8 (Surr)	92		80 - 125
4-Bromofluorobenzene (Surr)	102		78 - 120
Dibromofluoromethane (Surr)	100		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-S73C

Lab Sample ID: 280-74439-46

Date Sampled: 09/15/2015 1400

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296720	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3088.D
Dilution: 1.0		Initial Weight/Volume: 5 mL
Analysis Date: 09/28/2015 1950	Run Type: DL	Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1950		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	110		0.40	4.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	102		70 - 127
Toluene-d8 (Surr)	95		80 - 125
4-Bromofluorobenzene (Surr)	102		78 - 120
Dibromofluoromethane (Surr)	102		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0539

Lab Sample ID: 280-74439-1

Date Sampled: 09/15/2015 1545

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-296106	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E0373.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2015 1031			Final Weight/Volume:	20 mL
Prep Date:	09/23/2015 1031				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	2.5		0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	92		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0540

Lab Sample ID: 280-74439-2

Date Sampled: 09/15/2015 1620

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method: 8260B SIM	Analysis Batch: 280-296106	Instrument ID: VMS_E
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: E0369.D
Dilution: 1.0		Initial Weight/Volume: 1 mL
Analysis Date: 09/23/2015 0917		Final Weight/Volume: 20 mL
Prep Date: 09/23/2015 0917		

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	150	F1 F2	4.4	20
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	87		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0541

Lab Sample ID: 280-74439-3

Date Sampled: 09/15/2015 1700

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method: 8260B SIM	Analysis Batch: 280-296106	Instrument ID: VMS_E
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: E0392.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/23/2015 1622		Final Weight/Volume: 20 mL
Prep Date: 09/23/2015 1622		

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	1.5		0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	94		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0542

Lab Sample ID: 280-74439-4

Date Sampled: 09/16/2015 0835

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-296106	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E0393.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2015 1640			Final Weight/Volume:	20 mL
Prep Date:	09/23/2015 1640				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	2.9		0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	92		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0549

Lab Sample ID: 280-74439-5

Date Sampled: 09/16/2015 0915

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-296106	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E0394.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2015 1659			Final Weight/Volume:	20 mL
Prep Date:	09/23/2015 1659				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	3.2		0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	93		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0551-2

Lab Sample ID: 280-74439-6

Date Sampled: 09/15/2015 1725

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-296106	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E0395.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2015 1718			Final Weight/Volume:	20 mL
Prep Date:	09/23/2015 1718				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.22	U	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	93		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0555A

Lab Sample ID: 280-74439-7

Date Sampled: 09/16/2015 1000

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-296106	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E0396.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2015 1736			Final Weight/Volume:	20 mL
Prep Date:	09/23/2015 1736				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.22	U	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	91		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0555B

Lab Sample ID: 280-74439-8

Date Sampled: 09/16/2015 1025

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-296106	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E0397.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2015 1755			Final Weight/Volume:	20 mL
Prep Date:	09/23/2015 1755				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.22	U	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	89		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0555C

Lab Sample ID: 280-74439-9

Date Sampled: 09/16/2015 1055

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method: 8260B SIM	Analysis Batch: 280-296106	Instrument ID: VMS_E
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: E0398.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/23/2015 1813		Final Weight/Volume: 20 mL
Prep Date: 09/23/2015 1813		

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.27	J	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	91		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0568-1

Lab Sample ID: 280-74439-10

Date Sampled: 09/15/2015 1035

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-296106	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E0399.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2015 1832			Final Weight/Volume:	20 mL
Prep Date:	09/23/2015 1832				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.22	U	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	96		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0568-2

Lab Sample ID: 280-74439-11

Date Sampled: 09/15/2015 1055

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method: 8260B SIM	Analysis Batch: 280-296106	Instrument ID: VMS_E
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: E0400.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/23/2015 1850		Final Weight/Volume: 20 mL
Prep Date: 09/23/2015 1850		

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	1.2		0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	91		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0568-3

Lab Sample ID: 280-74439-12

Date Sampled: 09/15/2015 1115

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method: 8260B SIM	Analysis Batch: 280-296106	Instrument ID: VMS_E
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: E0401.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/23/2015 1908		Final Weight/Volume: 20 mL
Prep Date: 09/23/2015 1908		

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.22	U	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	91		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0569-1

Lab Sample ID: 280-74439-13

Date Sampled: 09/15/2015 1310

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-296300	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E0411.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2015 0846			Final Weight/Volume:	20 mL
Prep Date:	09/24/2015 0846				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.52	J	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	79		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0569-2

Lab Sample ID: 280-74439-14

Date Sampled: 09/15/2015 1330

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-296300	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E0414.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2015 0945			Final Weight/Volume:	20 mL
Prep Date:	09/24/2015 0945				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	1.5		0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	86		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0569-3

Lab Sample ID: 280-74439-15

Date Sampled: 09/15/2015 1355

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method: 8260B SIM	Analysis Batch: 280-296300	Instrument ID: VMS_E
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: E0416.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1022		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1022		

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	1.8		0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	84		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0570-1

Lab Sample ID: 280-74439-16

Date Sampled: 09/15/2015 0925

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method: 8260B SIM	Analysis Batch: 280-296300	Instrument ID: VMS_E
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: E0417.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1040		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1040		

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.22	U	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	83		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0570-2

Lab Sample ID: 280-74439-17

Date Sampled: 09/15/2015 0945

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method: 8260B SIM	Analysis Batch: 280-296300	Instrument ID: VMS_E
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: E0418.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1059		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1059		

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	1.2		0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	82		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0570-3

Lab Sample ID: 280-74439-18

Date Sampled: 09/15/2015 1010

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method: 8260B SIM	Analysis Batch: 280-296300	Instrument ID: VMS_E
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: E0419.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1118		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1118		

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	1.6		0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	84		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0572-1

Lab Sample ID: 280-74439-19

Date Sampled: 09/15/2015 0750

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-296300	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E0420.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2015 1136			Final Weight/Volume:	20 mL
Prep Date:	09/24/2015 1136				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.22	U	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	87		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0572-2

Lab Sample ID: 280-74439-20

Date Sampled: 09/15/2015 0840

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method: 8260B SIM	Analysis Batch: 280-296300	Instrument ID: VMS_E
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: E0421.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1155		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1155		

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	5.6		0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	90		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0573-1

Lab Sample ID: 280-74439-21

Date Sampled: 09/15/2015 1430

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method: 8260B SIM	Analysis Batch: 280-296300	Instrument ID: VMS_E
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: E0422.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1213		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1213		

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.22	U	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	89		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0573-2

Lab Sample ID: 280-74439-22

Date Sampled: 09/15/2015 1450

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method: 8260B SIM	Analysis Batch: 280-296300	Instrument ID: VMS_E
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: E0423.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1231		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1231		

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.50	J	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	90		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0573-3

Lab Sample ID: 280-74439-23

Date Sampled: 09/15/2015 1510

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-296300	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E0424.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2015 1250			Final Weight/Volume:	20 mL
Prep Date:	09/24/2015 1250				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.55	J	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	96		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0578-1

Lab Sample ID: 280-74439-24

Date Sampled: 09/16/2015 0835

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-296300	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E0425.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2015 1308			Final Weight/Volume:	20 mL
Prep Date:	09/24/2015 1308				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.22	U	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	88		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0578-2

Lab Sample ID: 280-74439-25

Date Sampled: 09/16/2015 0850

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-296300	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E0426.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2015 1327			Final Weight/Volume:	20 mL
Prep Date:	09/24/2015 1327				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.60	J	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	92		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0578-3

Lab Sample ID: 280-74439-26

Date Sampled: 09/16/2015 0910

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-296300	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E0427.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2015 1346			Final Weight/Volume:	20 mL
Prep Date:	09/24/2015 1346				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.46	J	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	89		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0586-1

Lab Sample ID: 280-74439-27

Date Sampled: 09/15/2015 0825

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-296300	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E0428.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2015 1405			Final Weight/Volume:	20 mL
Prep Date:	09/24/2015 1405				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.57	J	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	87		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0586-2

Lab Sample ID: 280-74439-28

Date Sampled: 09/15/2015 0850

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-296300	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E0429.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2015 1423			Final Weight/Volume:	20 mL
Prep Date:	09/24/2015 1423				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	1.5		0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	88		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0586-3

Lab Sample ID: 280-74439-29

Date Sampled: 09/15/2015 0930

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method: 8260B SIM	Analysis Batch: 280-296300	Instrument ID: VMS_E
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: E0430.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1442		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1442		

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	1.2		0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	88		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-2450

Lab Sample ID: 280-74439-31

Date Sampled: 09/16/2015 0840

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method: 8260B SIM	Analysis Batch: 280-296300	Instrument ID: VMS_E
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: E0431.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1500		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1500		

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.22	U	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	88		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-S68B

Lab Sample ID: 280-74439-33

Date Sampled: 09/15/2015 1135

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method: 8260B SIM	Analysis Batch: 280-296300	Instrument ID: VMS_E
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: E0432.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1518		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1518		

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.36	J	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	87		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-S68C

Lab Sample ID: 280-74439-34

Date Sampled: 09/15/2015 1050

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method: 8260B SIM	Analysis Batch: 280-296300	Instrument ID: VMS_E
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: E0433.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1537		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1537		

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	7.2		0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	88		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-S68D

Lab Sample ID: 280-74439-35

Date Sampled: 09/15/2015 1245

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method: 8260B SIM	Analysis Batch: 280-296456	Instrument ID: VMS_E
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: E0441.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/25/2015 0904		Final Weight/Volume: 20 mL
Prep Date: 09/25/2015 0904		

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	2.1		0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	77		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-S69B

Lab Sample ID: 280-74439-36

Date Sampled: 09/16/2015 1020

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-296456	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E0442.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2015 0922			Final Weight/Volume:	20 mL
Prep Date:	09/25/2015 0922				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.22	U	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	79		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-S69C

Lab Sample ID: 280-74439-37

Date Sampled: 09/16/2015 1050

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method: 8260B SIM	Analysis Batch: 280-296456	Instrument ID: VMS_E
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: E0443.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/25/2015 0941		Final Weight/Volume: 20 mL
Prep Date: 09/25/2015 0941		

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	6.9		0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	82		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-S69D

Lab Sample ID: 280-74439-38

Date Sampled: 09/16/2015 1405

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method: 8260B SIM	Analysis Batch: 280-296456	Instrument ID: VMS_E
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: E0446.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/25/2015 1038		Final Weight/Volume: 20 mL
Prep Date: 09/25/2015 1038		

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.90	J	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	79		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-S70B

Lab Sample ID: 280-74439-39

Date Sampled: 09/16/2015 1445

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-296456	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E0447.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2015 1057			Final Weight/Volume:	20 mL
Prep Date:	09/25/2015 1057				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.99	J	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	80		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-S70C

Lab Sample ID: 280-74439-40

Date Sampled: 09/16/2015 1555

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method: 8260B SIM	Analysis Batch: 280-296456	Instrument ID: VMS_E
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: E0448.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/25/2015 1115		Final Weight/Volume: 20 mL
Prep Date: 09/25/2015 1115		

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	17		0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	85		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-S70D

Lab Sample ID: 280-74439-41

Date Sampled: 09/16/2015 1615

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-296456	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E0449.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2015 1134			Final Weight/Volume:	20 mL
Prep Date:	09/25/2015 1134				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	18		0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	83		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-S71B

Lab Sample ID: 280-74439-42

Date Sampled: 09/16/2015 1405

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-296456	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E0450.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2015 1152			Final Weight/Volume:	20 mL
Prep Date:	09/25/2015 1152				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.82	J	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	88		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-S71C

Lab Sample ID: 280-74439-43

Date Sampled: 09/16/2015 1430

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method: 8260B SIM	Analysis Batch: 280-296723	Instrument ID: VMS_E
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: E0481.D
Dilution: 1.0		Initial Weight/Volume: 10 mL
Analysis Date: 09/28/2015 1034		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1034		

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	31		0.44	2.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	90		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-S71D

Lab Sample ID: 280-74439-44

Date Sampled: 09/16/2015 1515

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-296723	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E0482.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/28/2015 1054			Final Weight/Volume:	20 mL
Prep Date:	09/28/2015 1054				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	23	E	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	84		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-S73B

Lab Sample ID: 280-74439-45

Date Sampled: 09/15/2015 1440

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-296723	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E0483.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/28/2015 1112			Final Weight/Volume:	20 mL
Prep Date:	09/28/2015 1112				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	6.7		0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	85		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-S73C

Lab Sample ID: 280-74439-46

Date Sampled: 09/15/2015 1400

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method: 8260B SIM	Analysis Batch: 280-296723	Instrument ID: VMS_E
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: E0488.D
Dilution: 1.0		Initial Weight/Volume: 4 mL
Analysis Date: 09/28/2015 1247		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1247		

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	88		1.1	5.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	86		70 - 127	

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DBFM %Rec	DCA %Rec	TOL %Rec	BFB %Rec
280-74439-1	PIN12-0539	106	94	98	92
280-74439-2	PIN12-0540	106	89	100	86
280-74439-3	PIN12-0541	96	76	110	94
280-74439-4	PIN12-0542	103	92	88	96
280-74439-5	PIN12-0549	103	98	99	107
280-74439-6	PIN12-0551-2	94	79	100	87
280-74439-7	PIN12-0555A	111	112	98	107
280-74439-8	PIN12-0555B	105	107	93	110
280-74439-9	PIN12-0555C	104	108	95	104
280-74439-10	PIN12-0568-1	97	83	99	90
280-74439-11	PIN12-0568-2	113	87	101	91
280-74439-12	PIN12-0568-3	95	77	101	90
280-74439-13	PIN12-0569-1	97	83	93	88
280-74439-14	PIN12-0569-2	99	88	95	87
280-74439-15	PIN12-0569-3	100	86	97	90
280-74439-16	PIN12-0570-1	104	89	104	91
280-74439-17	PIN12-0570-2	100	89	96	88
280-74439-18	PIN12-0570-3	97	85	94	85
280-74439-19	PIN12-0572-1	102	91	101	92
280-74439-20	PIN12-0572-2	101	93	98	88
280-74439-21	PIN12-0573-1	100	105	94	104
280-74439-22	PIN12-0573-2	99	104	93	105
280-74439-23	PIN12-0573-3	101	104	92	102
280-74439-24	PIN12-0578-1	102	103	95	107
280-74439-25	PIN12-0578-2	103	106	95	104
280-74439-26	PIN12-0578-3	101	102	93	103
280-74439-27	PIN12-0586-1	101	106	94	102
280-74439-28	PIN12-0586-2	102	107	95	102
280-74439-29	PIN12-0586-3	100	102	92	105

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane (Surr)	77-120
DCA = 1,2-Dichloroethane-d4 (Surr)	70-127
TOL = Toluene-d8 (Surr)	80-125
BFB = 4-Bromofluorobenzene (Surr)	78-120

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DBFM %Rec	DCA %Rec	TOL %Rec	BFB %Rec
280-74439-30	PIN99-2199	98	103	92	92
280-74439-31	PIN12-2450	100	103	93	101
280-74439-32	PIN99-2690	104	105	97	96
280-74439-33	PIN12-S68B	101	104	94	102
280-74439-34	PIN12-S68C	100	105	92	105
280-74439-35	PIN12-S68D	98	100	94	104
280-74439-36	PIN12-S69B	99	100	91	99
280-74439-37	PIN12-S69C	108	110	98	108
280-74439-38	PIN12-S69D	100	104	92	104
280-74439-39	PIN12-S70B	106	103	93	107
280-74439-40	PIN12-S70C	106	108	98	105
280-74439-41	PIN12-S70D	100	103	92	101
280-74439-42	PIN12-S71B	103	106	94	104
280-74439-43	PIN12-S71C	98	101	90	102
280-74439-44	PIN12-S71D	99	101	91	99
280-74439-45	PIN12-S73B	101	105	95	101
280-74439-46	PIN12-S73C	100	102	92	102
280-74439-46 DL	PIN12-S73C DL	102	102	95	102
MB 280-296720/6		97	98	96	102
MB 280-296721/6		104	86	105	94
MB 280-296866/6		100	102	95	101
LCS 280-296720/4		95	97	90	91
LCS 280-296721/4		102	93	105	90
LCS 280-296866/4		92	95	90	91
280-74439-1 MS	PIN12-0539 MS	131X	110	104	85
280-74439-4 MS	PIN12-0542 MS	105	103	102	87
280-74349-I-2 MS		93	96	91	90
280-74439-1 MSD	PIN12-0539 MSD	98	83	115	95
280-74439-4 MSD	PIN12-0542 MSD	99	107	91	92
280-74349-I-2 MSD		94	96	88	91

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane (Surr)	77-120
DCA = 1,2-Dichloroethane-d4 (Surr)	70-127
TOL = Toluene-d8 (Surr)	80-125
BFB = 4-Bromofluorobenzene (Surr)	78-120

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Surrogate Recovery Report

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCA %Rec
280-74439-1	PIN12-0539	92
280-74439-2	PIN12-0540	87
280-74439-3	PIN12-0541	94
280-74439-4	PIN12-0542	92
280-74439-5	PIN12-0549	93
280-74439-6	PIN12-0551-2	93
280-74439-7	PIN12-0555A	91
280-74439-8	PIN12-0555B	89
280-74439-9	PIN12-0555C	91
280-74439-10	PIN12-0568-1	96
280-74439-11	PIN12-0568-2	91
280-74439-12	PIN12-0568-3	91
280-74439-13	PIN12-0569-1	79
280-74439-14	PIN12-0569-2	86
280-74439-15	PIN12-0569-3	84
280-74439-16	PIN12-0570-1	83
280-74439-17	PIN12-0570-2	82
280-74439-18	PIN12-0570-3	84
280-74439-19	PIN12-0572-1	87
280-74439-20	PIN12-0572-2	90
280-74439-21	PIN12-0573-1	89
280-74439-22	PIN12-0573-2	90
280-74439-23	PIN12-0573-3	96
280-74439-24	PIN12-0578-1	88
280-74439-25	PIN12-0578-2	92
280-74439-26	PIN12-0578-3	89
280-74439-27	PIN12-0586-1	87
280-74439-28	PIN12-0586-2	88
280-74439-29	PIN12-0586-3	88

Surrogate

Acceptance Limits

DCA = 1,2-Dichloroethane-d4 (Surr)

70-127

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Surrogate Recovery Report

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCA %Rec
280-74439-31	PIN12-2450	88
280-74439-33	PIN12-S68B	87
280-74439-34	PIN12-S68C	88
280-74439-35	PIN12-S68D	77
280-74439-36	PIN12-S69B	79
280-74439-37	PIN12-S69C	82
280-74439-38	PIN12-S69D	79
280-74439-39	PIN12-S70B	80
280-74439-40	PIN12-S70C	85
280-74439-41	PIN12-S70D	83
280-74439-42	PIN12-S71B	88
280-74439-43	PIN12-S71C	90
280-74439-44	PIN12-S71D	84
280-74439-45	PIN12-S73B	85
280-74439-46	PIN12-S73C	86
MB 280-296106/5		91
MB 280-296300/5		81
MB 280-296456/5		79
MB 280-296723/5		86
LCS 280-296106/3		87
LCS 280-296300/3		85
LCS 280-296456/3		80
LCS 280-296723/3		86
280-74439-2 MS	PIN12-0540 MS	94
280-74439-13 MS	PIN12-0569-1 MS	82
280-74439-35 MS	PIN12-S68D MS	85
280-74516-M-1 MS		86
280-74439-2 MSD	PIN12-0540 MSD	92
280-74439-13 MSD	PIN12-0569-1 MSD	86
280-74439-35 MSD	PIN12-S68D MSD	83

Surrogate

Acceptance Limits

DCA = 1,2-Dichloroethane-d4 (Surr)

70-127

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Surrogate Recovery Report

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCA %Rec
280-74516-M-1 MSD		91

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	70-127

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Method Blank - Batch: 280-296720

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 280-296720/6
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 09/28/2015 1124
 Prep Date: 09/28/2015 1124
 Leach Date: N/A

Analysis Batch: 280-296720
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VMS_MS1
 Lab File ID: MS3064.D
 Initial Weight/Volume: 20 mL
 Final Weight/Volume: 20 mL

Analyte	Result	Qual	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Method Blank - Batch: 280-296720

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 280-296720/6
Client Matrix: Water
Dilution: 1.0
Analysis Date: 09/28/2015 1124
Prep Date: 09/28/2015 1124
Leach Date: N/A

Analysis Batch: 280-296720
Prep Batch: N/A
Leach Batch: N/A
Units: ug/L

Instrument ID: VMS_MS1
Lab File ID: MS3064.D
Initial Weight/Volume: 20 mL
Final Weight/Volume: 20 mL

Analyte	Result	Qual	MDL	RL
n-Propylbenzene	0.16	U	0.16	1.0
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	98	70 - 127
Toluene-d8 (Surr)	96	80 - 125
4-Bromofluorobenzene (Surr)	102	78 - 120
Dibromofluoromethane (Surr)	97	77 - 120

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Lab Control Sample - Batch: 280-296720

Method: 8260B

Preparation: 5030B

Lab Sample ID: LCS 280-296720/4	Analysis Batch: 280-296720	Instrument ID: VMS_MS1
Client Matrix: Water	Prep Batch: N/A	Lab File ID: MS3063.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1103	Units: ug/L	Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1103		
Leach Date: N/A		

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	5.00	4.71	94	65 - 135	
Bromodichloromethane	5.00	5.13	103	65 - 135	
Carbon tetrachloride	5.00	5.64	113	65 - 135	
Chlorobenzene	5.00	4.56	91	65 - 135	
Chloroform	5.00	5.14	103	65 - 135	
1,3-Dichlorobenzene	5.00	4.39	88	65 - 135	
1,1-Dichloroethane	5.00	4.92	98	65 - 135	
trans-1,2-Dichloroethene	5.00	4.62	92	65 - 135	
1,1-Dichloroethene	5.00	4.19	84	65 - 136	
1,2-Dichloropropane	5.00	4.44	89	64 - 135	
Ethylbenzene	5.00	4.42	88	65 - 135	
Methylene Chloride	5.00	4.24	85	54 - 141	
Tetrachloroethene	5.00	4.72	94	65 - 135	
Toluene	5.00	5.26	105	65 - 135	
1,1,1-Trichloroethane	5.00	5.56	111	65 - 135	
Trichloroethene	5.00	4.65	93	65 - 135	
Surrogate		% Rec		Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		97		70 - 127	
Toluene-d8 (Surr)		90		80 - 125	
4-Bromofluorobenzene (Surr)		91		78 - 120	
Dibromofluoromethane (Surr)		95		77 - 120	

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-296720**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID: 280-74349-I-2 MS	Analysis Batch: 280-296720	Instrument ID: VMS_MS1
Client Matrix: Water	Prep Batch: N/A	Lab File ID: MS3068.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1258		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1258		20 mL
Leach Date: N/A		

MSD Lab Sample ID: 280-74349-I-2 MSD	Analysis Batch: 280-296720	Instrument ID: VMS_MS1
Client Matrix: Water	Prep Batch: N/A	Lab File ID: MS3069.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1319		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1319		20 mL
Leach Date: N/A		

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Benzene	88	93	65 - 135	5	20		
Bromodichloromethane	97	100	65 - 135	2	20		
Carbon tetrachloride	111	113	65 - 135	2	21		
Chlorobenzene	89	88	65 - 135	1	20		
Chloroform	99	102	65 - 135	3	20		
1,3-Dichlorobenzene	87	88	65 - 135	2	20		
1,1-Dichloroethane	95	95	65 - 135	0	21		
trans-1,2-Dichloroethene	88	92	65 - 135	4	24		
1,1-Dichloroethene	81	83	65 - 136	2	20		
1,2-Dichloropropane	83	87	64 - 135	4	20		
Ethylbenzene	87	87	65 - 135	1	20		
Methylene Chloride	76	80	54 - 141	5	26		
Tetrachloroethene	94	95	65 - 135	1	20		
Toluene	98	102	65 - 135	4	20		
1,1,1-Trichloroethane	108	111	65 - 135	2	20		
Trichloroethene	91	89	65 - 135	1	20		
Surrogate		MS % Rec	MSD % Rec			Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		96	96			70 - 127	
Toluene-d8 (Surr)		91	88			80 - 125	
4-Bromofluorobenzene (Surr)		90	91			78 - 120	
Dibromofluoromethane (Surr)		93	94			77 - 120	

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74439-1
Sdg Number: 15087320

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-296720**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID: 280-74349-I-2 MS Units: ug/L
Client Matrix: Water
Dilution: 1.0
Analysis Date: 09/28/2015 1258
Prep Date: 09/28/2015 1258
Leach Date: N/A

MSD Lab Sample ID: 280-74349-I-2 MSD
Client Matrix: Water
Dilution: 1.0
Analysis Date: 09/28/2015 1319
Prep Date: 09/28/2015 1319
Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Benzene	0.16	U	5.00	5.00	4.42	4.64
Bromodichloromethane	0.17	U	5.00	5.00	4.87	4.99
Carbon tetrachloride	0.19	U	5.00	5.00	5.54	5.64
Chlorobenzene	0.17	U	5.00	5.00	4.47	4.41
Chloroform	0.16	U	5.00	5.00	4.97	5.12
1,3-Dichlorobenzene	0.13	U	5.00	5.00	4.35	4.42
1,1-Dichloroethane	0.22	U	5.00	5.00	4.73	4.75
trans-1,2-Dichloroethene	0.28	J	5.00	5.00	4.67	4.87
1,1-Dichloroethene	0.23	U	5.00	5.00	4.05	4.15
1,2-Dichloropropane	0.18	U	5.00	5.00	4.17	4.33
Ethylbenzene	0.16	U	5.00	5.00	4.33	4.36
Methylene Chloride	0.32	U	5.00	5.00	3.81	4.02
Tetrachloroethene	0.20	U	5.00	5.00	4.71	4.77
Toluene	0.17	U	5.00	5.00	4.89	5.10
1,1,1-Trichloroethane	0.16	U	5.00	5.00	5.42	5.56
Trichloroethene	2.6		5.00	5.00	7.15	7.08

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Method Blank - Batch: 280-296721

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 280-296721/6
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 09/28/2015 0922
 Prep Date: 09/28/2015 0922
 Leach Date: N/A

Analysis Batch: 280-296721
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VMS_H
 Lab File ID: H7506.D
 Initial Weight/Volume: 20 mL
 Final Weight/Volume: 20 mL

Analyte	Result	Qual	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.220	J	0.22	1.0

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Method Blank - Batch: 280-296721

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 280-296721/6
Client Matrix: Water
Dilution: 1.0
Analysis Date: 09/28/2015 0922
Prep Date: 09/28/2015 0922
Leach Date: N/A

Analysis Batch: 280-296721
Prep Batch: N/A
Leach Batch: N/A
Units: ug/L

Instrument ID: VMS_H
Lab File ID: H7506.D
Initial Weight/Volume: 20 mL
Final Weight/Volume: 20 mL

Analyte	Result	Qual	MDL	RL
n-Propylbenzene	0.16	U	0.16	1.0
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.224	J	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	86	70 - 127
Toluene-d8 (Surr)	105	80 - 125
4-Bromofluorobenzene (Surr)	94	78 - 120
Dibromofluoromethane (Surr)	104	77 - 120

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Lab Control Sample - Batch: 280-296721

Method: 8260B

Preparation: 5030B

Lab Sample ID: LCS 280-296721/4	Analysis Batch: 280-296721	Instrument ID: VMS_H
Client Matrix: Water	Prep Batch: N/A	Lab File ID: H7505.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 0859	Units: ug/L	Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 0859		
Leach Date: N/A		

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	5.00	4.88	98	65 - 135	
Bromodichloromethane	5.00	4.22	84	65 - 135	
Carbon tetrachloride	5.00	4.29	86	65 - 135	
Chlorobenzene	5.00	4.42	88	65 - 135	
Chloroform	5.00	4.66	93	65 - 135	
1,3-Dichlorobenzene	5.00	4.12	82	65 - 135	
1,1-Dichloroethane	5.00	4.46	89	65 - 135	
trans-1,2-Dichloroethene	5.00	4.90	98	65 - 135	
1,1-Dichloroethene	5.00	4.54	91	65 - 136	
1,2-Dichloropropane	5.00	4.49	90	64 - 135	
Ethylbenzene	5.00	4.19	84	65 - 135	
Methylene Chloride	5.00	4.62	92	54 - 141	
Tetrachloroethene	5.00	4.74	95	65 - 135	
Toluene	5.00	5.10	102	65 - 135	
1,1,1-Trichloroethane	5.00	4.23	85	65 - 135	
Trichloroethene	5.00	4.81	96	65 - 135	
Surrogate		% Rec		Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		93		70 - 127	
Toluene-d8 (Surr)		105		80 - 125	
4-Bromofluorobenzene (Surr)		90		78 - 120	
Dibromofluoromethane (Surr)		102		77 - 120	

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-296721**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID: 280-74439-1	Analysis Batch: 280-296721	Instrument ID: VMS_H
Client Matrix: Water	Prep Batch: N/A	Lab File ID: H7514.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1311		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1311		20 mL
Leach Date: N/A		

MSD Lab Sample ID: 280-74439-1	Analysis Batch: 280-296721	Instrument ID: VMS_H
Client Matrix: Water	Prep Batch: N/A	Lab File ID: H7515.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1334		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1334		20 mL
Leach Date: N/A		

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Benzene	118	119	65 - 135	1	20		
Bromodichloromethane	114	93	65 - 135	20	20		
Carbon tetrachloride	124	116	65 - 135	7	21		
Chlorobenzene	99	109	65 - 135	9	20		
Chloroform	126	109	65 - 135	15	20		
1,3-Dichlorobenzene	98	114	65 - 135	15	20		
1,1-Dichloroethane	130	115	65 - 135	13	21		
trans-1,2-Dichloroethene	137	128	65 - 135	7	24	F1	
1,1-Dichloroethene	135	131	65 - 136	3	20		
1,2-Dichloropropane	102	101	64 - 135	1	20		
Ethylbenzene	99	112	65 - 135	12	20		
Methylene Chloride	130	109	54 - 141	18	26		
Tetrachloroethene	108	127	65 - 135	16	20		
Toluene	150	124	65 - 135	20	20	F1	
1,1,1-Trichloroethane	117	109	65 - 135	7	20		
Trichloroethene	118	119	65 - 135	2	20		
Surrogate	MS % Rec		MSD % Rec	Acceptance Limits			
1,2-Dichloroethane-d4 (Surr)	110		83	70 - 127			
Toluene-d8 (Surr)	104		115	80 - 125			
4-Bromofluorobenzene (Surr)	85		95	78 - 120			
Dibromofluoromethane (Surr)	131		X 98	77 - 120			

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-296721**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID: 280-74439-1 Units: ug/L
Client Matrix: Water
Dilution: 1.0
Analysis Date: 09/28/2015 1311
Prep Date: 09/28/2015 1311
Leach Date: N/A

MSD Lab Sample ID: 280-74439-1
Client Matrix: Water
Dilution: 1.0
Analysis Date: 09/28/2015 1334
Prep Date: 09/28/2015 1334
Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual
Benzene	0.16	U	5.00	5.00	5.92		5.95
Bromodichloromethane	0.17	U	5.00	5.00	5.72		4.67
Carbon tetrachloride	0.19	U	5.00	5.00	6.19		5.79
Chlorobenzene	0.17	U	5.00	5.00	4.96		5.43
Chloroform	0.16	U	5.00	5.00	6.31		5.43
1,3-Dichlorobenzene	0.13	U	5.00	5.00	4.90		5.69
1,1-Dichloroethane	0.22	U	5.00	5.00	6.52		5.75
trans-1,2-Dichloroethene	0.35	J	5.00	5.00	7.19	F1	6.74
1,1-Dichloroethene	0.23	U	5.00	5.00	6.77		6.55
1,2-Dichloropropane	0.18	U	5.00	5.00	5.10		5.06
Ethylbenzene	0.16	U	5.00	5.00	4.97		5.61
Methylene Chloride	0.32	U	5.00	5.00	6.48		5.43
Tetrachloroethene	0.20	U	5.00	5.00	5.41		6.37
Toluene	0.17	U	5.00	5.00	7.52	F1	6.18
1,1,1-Trichloroethane	0.16	U	5.00	5.00	5.86		5.44
Trichloroethene	0.16	U	5.00	5.00	5.88		5.97

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Method Blank - Batch: 280-296866

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 280-296866/6
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 09/29/2015 0906
 Prep Date: 09/29/2015 0906
 Leach Date: N/A

Analysis Batch: 280-296866
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VMS_MS1
 Lab File ID: MS3122.D
 Initial Weight/Volume: 20 mL
 Final Weight/Volume: 20 mL

Analyte	Result	Qual	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Method Blank - Batch: 280-296866

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 280-296866/6
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 09/29/2015 0906
 Prep Date: 09/29/2015 0906
 Leach Date: N/A

Analysis Batch: 280-296866
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VMS_MS1
 Lab File ID: MS3122.D
 Initial Weight/Volume: 20 mL
 Final Weight/Volume: 20 mL

Analyte	Result	Qual	MDL	RL
n-Propylbenzene	0.16	U	0.16	1.0
Styrene	0.433	J	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	102	70 - 127
Toluene-d8 (Surr)	95	80 - 125
4-Bromofluorobenzene (Surr)	101	78 - 120
Dibromofluoromethane (Surr)	100	77 - 120

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Lab Control Sample - Batch: 280-296866

Method: 8260B

Preparation: 5030B

Lab Sample ID: LCS 280-296866/4	Analysis Batch: 280-296866	Instrument ID: VMS_MS1
Client Matrix: Water	Prep Batch: N/A	Lab File ID: MS3121.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 09/29/2015 0845	Units: ug/L	Final Weight/Volume: 20 mL
Prep Date: 09/29/2015 0845		
Leach Date: N/A		

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	5.00	4.55	91	65 - 135	
Bromodichloromethane	5.00	5.17	103	65 - 135	
Carbon tetrachloride	5.00	5.59	112	65 - 135	
Chlorobenzene	5.00	4.63	93	65 - 135	
Chloroform	5.00	5.01	100	65 - 135	
1,3-Dichlorobenzene	5.00	4.38	88	65 - 135	
1,1-Dichloroethane	5.00	4.74	95	65 - 135	
trans-1,2-Dichloroethene	5.00	4.47	89	65 - 135	
1,1-Dichloroethene	5.00	4.17	83	65 - 136	
1,2-Dichloropropane	5.00	4.38	88	64 - 135	
Ethylbenzene	5.00	4.45	89	65 - 135	
Methylene Chloride	5.00	4.02	80	54 - 141	
Tetrachloroethene	5.00	4.69	94	65 - 135	
Toluene	5.00	5.07	101	65 - 135	
1,1,1-Trichloroethane	5.00	5.31	106	65 - 135	
Trichloroethene	5.00	4.76	95	65 - 135	
Surrogate		% Rec		Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		95		70 - 127	
Toluene-d8 (Surr)		90		80 - 125	
4-Bromofluorobenzene (Surr)		91		78 - 120	
Dibromofluoromethane (Surr)		92		77 - 120	

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-296866**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID: 280-74439-4
Client Matrix: Water
Dilution: 1.0
Analysis Date: 09/29/2015 1021
Prep Date: 09/29/2015 1021
Leach Date: N/A

Analysis Batch: 280-296866
Prep Batch: N/A
Leach Batch: N/A

Instrument ID: VMS_MS1
Lab File ID: MS3125.D
Initial Weight/Volume: 20 mL
Final Weight/Volume: 20 mL
20 mL

MSD Lab Sample ID: 280-74439-4
Client Matrix: Water
Dilution: 1.0
Analysis Date: 09/29/2015 1042
Prep Date: 09/29/2015 1042
Leach Date: N/A

Analysis Batch: 280-296866
Prep Batch: N/A
Leach Batch: N/A

Instrument ID: VMS_MS1
Lab File ID: MS3126.D
Initial Weight/Volume: 20 mL
Final Weight/Volume: 20 mL
20 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Benzene	93	97	65 - 135	4	20		
Bromodichloromethane	109	108	65 - 135	1	20		
Carbon tetrachloride	138	127	65 - 135	9	21	F1	
Chlorobenzene	93	93	65 - 135	1	20		
Chloroform	109	109	65 - 135	1	20		
1,3-Dichlorobenzene	91	91	65 - 135	1	20		
1,1-Dichloroethane	95	107	65 - 135	10	21		
trans-1,2-Dichloroethene	100	101	65 - 135	1	24		
1,1-Dichloroethene	98	92	65 - 136	7	20		
1,2-Dichloropropane	84	90	64 - 135	7	20		
Ethylbenzene	86	92	65 - 135	6	20		
Methylene Chloride	81	93	54 - 141	13	26		
Tetrachloroethene	94	98	65 - 135	5	20		
Toluene	102	107	65 - 135	5	20		
1,1,1-Trichloroethane	132	121	65 - 135	8	20		
Trichloroethene	105	94	65 - 135	11	20		
Surrogate	MS % Rec		MSD % Rec	Acceptance Limits			
1,2-Dichloroethane-d4 (Surr)	103		107	70 - 127			
Toluene-d8 (Surr)	102		91	80 - 125			
4-Bromofluorobenzene (Surr)	87		92	78 - 120			
Dibromofluoromethane (Surr)	105		99	77 - 120			

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-296866**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID: 280-74439-4 Units: ug/L
Client Matrix: Water
Dilution: 1.0
Analysis Date: 09/29/2015 1021
Prep Date: 09/29/2015 1021
Leach Date: N/A

MSD Lab Sample ID: 280-74439-4
Client Matrix: Water
Dilution: 1.0
Analysis Date: 09/29/2015 1042
Prep Date: 09/29/2015 1042
Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Benzene	0.16	U	5.00	5.00	4.65	4.86
Bromodichloromethane	0.17	U	5.00	5.00	5.46	5.41
Carbon tetrachloride	0.19	U	5.00	5.00	6.92	F1 6.34
Chlorobenzene	0.17	U	5.00	5.00	4.63	4.66
Chloroform	0.16	U	5.00	5.00	5.47	5.43
1,3-Dichlorobenzene	0.13	U	5.00	5.00	4.53	4.57
1,1-Dichloroethane	0.51	J	5.00	5.00	5.28	5.86
trans-1,2-Dichloroethene	0.15	U	5.00	5.00	5.02	5.07
1,1-Dichloroethene	0.23	U	5.00	5.00	4.90	4.58
1,2-Dichloropropane	0.18	U	5.00	5.00	4.20	4.51
Ethylbenzene	0.16	U	5.00	5.00	4.32	4.58
Methylene Chloride	0.32	U	5.00	5.00	4.07	4.65
Tetrachloroethene	0.20	U	5.00	5.00	4.68	4.91
Toluene	0.17	U	5.00	5.00	5.09	5.35
1,1,1-Trichloroethane	0.16	U	5.00	5.00	6.58	6.07
Trichloroethene	0.16	U	5.00	5.00	5.26	4.70

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Method Blank - Batch: 280-296106

Method: 8260B SIM

Preparation: 5030B

Lab Sample ID: MB 280-296106/5	Analysis Batch: 280-296106	Instrument ID: VMS_E
Client Matrix: Water	Prep Batch: N/A	Lab File ID: E0365.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 09/23/2015 0754	Units: ug/L	Final Weight/Volume: 20 mL
Prep Date: 09/23/2015 0754		
Leach Date: N/A		

Analyte	Result	Qual	MDL	RL
1,4-Dioxane	0.22	U	0.22	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	91	70 - 127

Lab Control Sample - Batch: 280-296106

Method: 8260B SIM

Preparation: 5030B

Lab Sample ID: LCS 280-296106/3	Analysis Batch: 280-296106	Instrument ID: VMS_E
Client Matrix: Water	Prep Batch: N/A	Lab File ID: E0364.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 09/23/2015 0736	Units: ug/L	Final Weight/Volume: 20 mL
Prep Date: 09/23/2015 0736		
Leach Date: N/A		

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,4-Dioxane	5.00	5.18	104	25 - 141	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	87	70 - 127

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-296106**

**Method: 8260B SIM
Preparation: 5030B**

MS Lab Sample ID: 280-74439-2	Analysis Batch: 280-296106	Instrument ID: VMS_E
Client Matrix: Water	Prep Batch: N/A	Lab File ID: E0370.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 1 mL
Analysis Date: 09/23/2015 0935		Final Weight/Volume: 20 mL
Prep Date: 09/23/2015 0935		20 mL
Leach Date: N/A		

MSD Lab Sample ID: 280-74439-2	Analysis Batch: 280-296106	Instrument ID: VMS_E
Client Matrix: Water	Prep Batch: N/A	Lab File ID: E0371.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 1 mL
Analysis Date: 09/23/2015 0953		Final Weight/Volume: 20 mL
Prep Date: 09/23/2015 0953		20 mL
Leach Date: N/A		

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
1,4-Dioxane	96	156	25 - 141	22	20		F1 F2
Surrogate		MS % Rec	MSD % Rec			Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		94	92			70 - 127	

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-296106**

**Method: 8260B SIM
Preparation: 5030B**

MS Lab Sample ID: 280-74439-2	Units: ug/L	MSD Lab Sample ID: 280-74439-2
Client Matrix: Water		Client Matrix: Water
Dilution: 1.0		Dilution: 1.0
Analysis Date: 09/23/2015 0935		Analysis Date: 09/23/2015 0953
Prep Date: 09/23/2015 0935		Prep Date: 09/23/2015 0953
Leach Date: N/A		Leach Date: N/A

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
1,4-Dioxane	150	100	100	250	310 F1 F2

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74439-1
Sdg Number: 15087320

Method Blank - Batch: 280-296300

Method: 8260B SIM
Preparation: 5030B

Lab Sample ID: MB 280-296300/5	Analysis Batch: 280-296300	Instrument ID: VMS_E
Client Matrix: Water	Prep Batch: N/A	Lab File ID: E0410.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 0821	Units: ug/L	Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 0821		
Leach Date: N/A		

Analyte	Result	Qual	MDL	RL
1,4-Dioxane	0.22	U	0.22	1.0
Surrogate	% Rec		Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	81		70 - 127	

Lab Control Sample - Batch: 280-296300

Method: 8260B SIM
Preparation: 5030B

Lab Sample ID: LCS 280-296300/3	Analysis Batch: 280-296300	Instrument ID: VMS_E
Client Matrix: Water	Prep Batch: N/A	Lab File ID: E0409.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 0802	Units: ug/L	Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 0802		
Leach Date: N/A		

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,4-Dioxane	5.00	4.50	90	25 - 141	
Surrogate		% Rec		Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		85		70 - 127	

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-296300**

**Method: 8260B SIM
Preparation: 5030B**

MS Lab Sample ID: 280-74439-13	Analysis Batch: 280-296300	Instrument ID: VMS_E
Client Matrix: Water	Prep Batch: N/A	Lab File ID: E0412.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 0909		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 0909		20 mL
Leach Date: N/A		

MSD Lab Sample ID: 280-74439-13	Analysis Batch: 280-296300	Instrument ID: VMS_E
Client Matrix: Water	Prep Batch: N/A	Lab File ID: E0413.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 0927		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 0927		20 mL
Leach Date: N/A		

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
1,4-Dioxane	102	93	25 - 141	9	20		
Surrogate		MS % Rec	MSD % Rec			Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		82	86			70 - 127	

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-296300**

**Method: 8260B SIM
Preparation: 5030B**

MS Lab Sample ID: 280-74439-13	Units: ug/L	MSD Lab Sample ID: 280-74439-13
Client Matrix: Water		Client Matrix: Water
Dilution: 1.0		Dilution: 1.0
Analysis Date: 09/24/2015 0909		Analysis Date: 09/24/2015 0927
Prep Date: 09/24/2015 0909		Prep Date: 09/24/2015 0927
Leach Date: N/A		Leach Date: N/A

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
1,4-Dioxane	0.52 J	5.00	5.00	5.61	5.15

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Method Blank - Batch: 280-296456

Method: 8260B SIM

Preparation: 5030B

Lab Sample ID: MB 280-296456/5	Analysis Batch: 280-296456	Instrument ID: VMS_E
Client Matrix: Water	Prep Batch: N/A	Lab File ID: E0440.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 09/25/2015 0845	Units: ug/L	Final Weight/Volume: 20 mL
Prep Date: 09/25/2015 0845		
Leach Date: N/A		

Analyte	Result	Qual	MDL	RL
1,4-Dioxane	0.22	U	0.22	1.0
Surrogate	% Rec		Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	79		70 - 127	

Lab Control Sample - Batch: 280-296456

Method: 8260B SIM

Preparation: 5030B

Lab Sample ID: LCS 280-296456/3	Analysis Batch: 280-296456	Instrument ID: VMS_E
Client Matrix: Water	Prep Batch: N/A	Lab File ID: E0439.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 09/25/2015 0827	Units: ug/L	Final Weight/Volume: 20 mL
Prep Date: 09/25/2015 0827		
Leach Date: N/A		

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,4-Dioxane	5.00	5.70	114	25 - 141	
Surrogate		% Rec		Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		80		70 - 127	

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-296456**

**Method: 8260B SIM
Preparation: 5030B**

MS Lab Sample ID: 280-74439-35	Analysis Batch: 280-296456	Instrument ID: VMS_E
Client Matrix: Water	Prep Batch: N/A	Lab File ID: E0444.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 09/25/2015 1001		Final Weight/Volume: 20 mL
Prep Date: 09/25/2015 1001		20 mL
Leach Date: N/A		

MSD Lab Sample ID: 280-74439-35	Analysis Batch: 280-296456	Instrument ID: VMS_E
Client Matrix: Water	Prep Batch: N/A	Lab File ID: E0445.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 09/25/2015 1020		Final Weight/Volume: 20 mL
Prep Date: 09/25/2015 1020		20 mL
Leach Date: N/A		

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
1,4-Dioxane	137	115	25 - 141	13	20		
Surrogate		MS % Rec	MSD % Rec			Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		85	83			70 - 127	

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-296456**

**Method: 8260B SIM
Preparation: 5030B**

MS Lab Sample ID: 280-74439-35	Units: ug/L
Client Matrix: Water	
Dilution: 1.0	
Analysis Date: 09/25/2015 1001	
Prep Date: 09/25/2015 1001	
Leach Date: N/A	

MSD Lab Sample ID: 280-74439-35
Client Matrix: Water
Dilution: 1.0
Analysis Date: 09/25/2015 1020
Prep Date: 09/25/2015 1020
Leach Date: N/A

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
1,4-Dioxane	2.1	5.00	5.00	8.92	7.82

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Method Blank - Batch: 280-296723

Method: 8260B SIM

Preparation: 5030B

Lab Sample ID: MB 280-296723/5	Analysis Batch: 280-296723	Instrument ID: VMS_E
Client Matrix: Water	Prep Batch: N/A	Lab File ID: E0474.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 0803	Units: ug/L	Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 0803		
Leach Date: N/A		

Analyte	Result	Qual	MDL	RL
1,4-Dioxane	0.22	U	0.22	1.0
Surrogate	% Rec		Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	86		70 - 127	

Lab Control Sample - Batch: 280-296723

Method: 8260B SIM

Preparation: 5030B

Lab Sample ID: LCS 280-296723/3	Analysis Batch: 280-296723	Instrument ID: VMS_E
Client Matrix: Water	Prep Batch: N/A	Lab File ID: E0473.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 0745	Units: ug/L	Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 0745		
Leach Date: N/A		

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,4-Dioxane	5.00	4.69	94	25 - 141	
Surrogate		% Rec		Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		86		70 - 127	

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-296723**

**Method: 8260B SIM
Preparation: 5030B**

MS Lab Sample ID: 280-74516-M-1 MS	Analysis Batch: 280-296723	Instrument ID: VMS_E
Client Matrix: Water	Prep Batch: N/A	Lab File ID: E0477.D
Dilution: 200	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 0920		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 0920		20 mL
Leach Date: N/A		

MSD Lab Sample ID: 280-74516-M-1 MSD	Analysis Batch: 280-296723	Instrument ID: VMS_E
Client Matrix: Water	Prep Batch: N/A	Lab File ID: E0478.D
Dilution: 200	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 0939		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 0939		20 mL
Leach Date: N/A		

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
1,4-Dioxane	69	91	25 - 141	7	20		
Surrogate		MS % Rec	MSD % Rec			Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		86	91			70 - 127	

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-296723**

**Method: 8260B SIM
Preparation: 5030B**

MS Lab Sample ID: 280-74516-M-1 MS	Units: ug/L
Client Matrix: Water	
Dilution: 200	
Analysis Date: 09/28/2015 0920	
Prep Date: 09/28/2015 0920	
Leach Date: N/A	

MSD Lab Sample ID: 280-74516-M-1 MSD
Client Matrix: Water
Dilution: 200
Analysis Date: 09/28/2015 0939
Prep Date: 09/28/2015 0939
Leach Date: N/A

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
1,4-Dioxane	2200	1000	1000	2910	3130

DATA REPORTING QUALIFIERS

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Lab Section	Qualifier	Description
GC/MS VOA		
	B	Compound was found in the blank and sample.
	U	Indicates the analyte was analyzed for but not detected.
	*	LCS or LCSD is outside acceptance limits.
	F1	MS and/or MSD Recovery is outside acceptance limits.
	4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
	F2	MS/MSD RPD exceeds control limits
	E	Result exceeded calibration range.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	X	Surrogate is outside control limits

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:280-296106					
LCS 280-296106/3	Lab Control Sample	T	Water	8260B SIM	
MB 280-296106/5	Method Blank	T	Water	8260B SIM	
280-74439-1	PIN12-0539	T	Water	8260B SIM	
280-74439-2	PIN12-0540	T	Water	8260B SIM	
280-74439-2MS	Matrix Spike	T	Water	8260B SIM	
280-74439-2MSD	Matrix Spike Duplicate	T	Water	8260B SIM	
280-74439-3	PIN12-0541	T	Water	8260B SIM	
280-74439-4	PIN12-0542	T	Water	8260B SIM	
280-74439-5	PIN12-0549	T	Water	8260B SIM	
280-74439-6	PIN12-0551-2	T	Water	8260B SIM	
280-74439-7	PIN12-0555A	T	Water	8260B SIM	
280-74439-8	PIN12-0555B	T	Water	8260B SIM	
280-74439-9	PIN12-0555C	T	Water	8260B SIM	
280-74439-10	PIN12-0568-1	T	Water	8260B SIM	
280-74439-11	PIN12-0568-2	T	Water	8260B SIM	
280-74439-12	PIN12-0568-3	T	Water	8260B SIM	
Analysis Batch:280-296300					
LCS 280-296300/3	Lab Control Sample	T	Water	8260B SIM	
MB 280-296300/5	Method Blank	T	Water	8260B SIM	
280-74439-13	PIN12-0569-1	T	Water	8260B SIM	
280-74439-13MS	Matrix Spike	T	Water	8260B SIM	
280-74439-13MSD	Matrix Spike Duplicate	T	Water	8260B SIM	
280-74439-14	PIN12-0569-2	T	Water	8260B SIM	
280-74439-15	PIN12-0569-3	T	Water	8260B SIM	
280-74439-16	PIN12-0570-1	T	Water	8260B SIM	
280-74439-17	PIN12-0570-2	T	Water	8260B SIM	
280-74439-18	PIN12-0570-3	T	Water	8260B SIM	
280-74439-19	PIN12-0572-1	T	Water	8260B SIM	
280-74439-20	PIN12-0572-2	T	Water	8260B SIM	
280-74439-21	PIN12-0573-1	T	Water	8260B SIM	
280-74439-22	PIN12-0573-2	T	Water	8260B SIM	
280-74439-23	PIN12-0573-3	T	Water	8260B SIM	
280-74439-24	PIN12-0578-1	T	Water	8260B SIM	
280-74439-25	PIN12-0578-2	T	Water	8260B SIM	
280-74439-26	PIN12-0578-3	T	Water	8260B SIM	
280-74439-27	PIN12-0586-1	T	Water	8260B SIM	
280-74439-28	PIN12-0586-2	T	Water	8260B SIM	
280-74439-29	PIN12-0586-3	T	Water	8260B SIM	
280-74439-31	PIN12-2450	T	Water	8260B SIM	
280-74439-33	PIN12-S68B	T	Water	8260B SIM	
280-74439-34	PIN12-S68C	T	Water	8260B SIM	

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:280-296456					
LCS 280-296456/3	Lab Control Sample	T	Water	8260B SIM	
MB 280-296456/5	Method Blank	T	Water	8260B SIM	
280-74439-35	PIN12-S68D	T	Water	8260B SIM	
280-74439-35MS	Matrix Spike	T	Water	8260B SIM	
280-74439-35MSD	Matrix Spike Duplicate	T	Water	8260B SIM	
280-74439-36	PIN12-S69B	T	Water	8260B SIM	
280-74439-37	PIN12-S69C	T	Water	8260B SIM	
280-74439-38	PIN12-S69D	T	Water	8260B SIM	
280-74439-39	PIN12-S70B	T	Water	8260B SIM	
280-74439-40	PIN12-S70C	T	Water	8260B SIM	
280-74439-41	PIN12-S70D	T	Water	8260B SIM	
280-74439-42	PIN12-S71B	T	Water	8260B SIM	
Analysis Batch:280-296720					
LCS 280-296720/4	Lab Control Sample	T	Water	8260B	
MB 280-296720/6	Method Blank	T	Water	8260B	
280-74349-I-2 MS	Matrix Spike	T	Water	8260B	
280-74349-I-2 MSD	Matrix Spike Duplicate	T	Water	8260B	
280-74439-21	PIN12-0573-1	T	Water	8260B	
280-74439-22	PIN12-0573-2	T	Water	8260B	
280-74439-23	PIN12-0573-3	T	Water	8260B	
280-74439-27	PIN12-0586-1	T	Water	8260B	
280-74439-28	PIN12-0586-2	T	Water	8260B	
280-74439-29	PIN12-0586-3	T	Water	8260B	
280-74439-30	PIN99-2199	T	Water	8260B	
280-74439-32	PIN99-2690	T	Water	8260B	
280-74439-33	PIN12-S68B	T	Water	8260B	
280-74439-34	PIN12-S68C	T	Water	8260B	
280-74439-35	PIN12-S68D	T	Water	8260B	
280-74439-45	PIN12-S73B	T	Water	8260B	
280-74439-46	PIN12-S73C	T	Water	8260B	
280-74439-46DL	PIN12-S73C	T	Water	8260B	

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:280-296721					
LCS 280-296721/4	Lab Control Sample	T	Water	8260B	
MB 280-296721/6	Method Blank	T	Water	8260B	
280-74439-1	PIN12-0539	T	Water	8260B	
280-74439-1MS	Matrix Spike	T	Water	8260B	
280-74439-1MSD	Matrix Spike Duplicate	T	Water	8260B	
280-74439-2	PIN12-0540	T	Water	8260B	
280-74439-3	PIN12-0541	T	Water	8260B	
280-74439-6	PIN12-0551-2	T	Water	8260B	
280-74439-10	PIN12-0568-1	T	Water	8260B	
280-74439-11	PIN12-0568-2	T	Water	8260B	
280-74439-12	PIN12-0568-3	T	Water	8260B	
280-74439-13	PIN12-0569-1	T	Water	8260B	
280-74439-14	PIN12-0569-2	T	Water	8260B	
280-74439-15	PIN12-0569-3	T	Water	8260B	
280-74439-16	PIN12-0570-1	T	Water	8260B	
280-74439-17	PIN12-0570-2	T	Water	8260B	
280-74439-18	PIN12-0570-3	T	Water	8260B	
280-74439-19	PIN12-0572-1	T	Water	8260B	
280-74439-20	PIN12-0572-2	T	Water	8260B	
Analysis Batch:280-296723					
LCS 280-296723/3	Lab Control Sample	T	Water	8260B SIM	
MB 280-296723/5	Method Blank	T	Water	8260B SIM	
280-74439-43	PIN12-S71C	T	Water	8260B SIM	
280-74439-44	PIN12-S71D	T	Water	8260B SIM	
280-74439-45	PIN12-S73B	T	Water	8260B SIM	
280-74439-46	PIN12-S73C	T	Water	8260B SIM	
280-74516-M-1 MS	Matrix Spike	T	Water	8260B SIM	
280-74516-M-1 MSD	Matrix Spike Duplicate	T	Water	8260B SIM	

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:280-296866					
LCS 280-296866/4	Lab Control Sample	T	Water	8260B	
MB 280-296866/6	Method Blank	T	Water	8260B	
280-74439-4	PIN12-0542	T	Water	8260B	
280-74439-4MS	Matrix Spike	T	Water	8260B	
280-74439-4MSD	Matrix Spike Duplicate	T	Water	8260B	
280-74439-5	PIN12-0549	T	Water	8260B	
280-74439-7	PIN12-0555A	T	Water	8260B	
280-74439-8	PIN12-0555B	T	Water	8260B	
280-74439-9	PIN12-0555C	T	Water	8260B	
280-74439-24	PIN12-0578-1	T	Water	8260B	
280-74439-25	PIN12-0578-2	T	Water	8260B	
280-74439-26	PIN12-0578-3	T	Water	8260B	
280-74439-31	PIN12-2450	T	Water	8260B	
280-74439-36	PIN12-S69B	T	Water	8260B	
280-74439-37	PIN12-S69C	T	Water	8260B	
280-74439-38	PIN12-S69D	T	Water	8260B	
280-74439-39	PIN12-S70B	T	Water	8260B	
280-74439-40	PIN12-S70C	T	Water	8260B	
280-74439-41	PIN12-S70D	T	Water	8260B	
280-74439-42	PIN12-S71B	T	Water	8260B	
280-74439-43	PIN12-S71C	T	Water	8260B	
280-74439-44	PIN12-S71D	T	Water	8260B	

Report Basis

T = Total

ANALYTICAL REPORT

Job Number: 280-74253-1

SDG Number: 15087320

Job Description: Pinellas Monitoring

For:

S.M. Stoller Corporation
2597 Legacy Way
Grand Junction, CO 81503
Attention: Mr. Steve Donovan



Approved for release.
Kae E Yoder
Senior Project Manager
9/30/2015 12:54 PM

Designee for
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09/30/2015

The test results in this report relate only to the samples in this report and meet all requirements of NELAC, with any exceptions noted. Pursuant to NELAP, this report shall not be reproduced except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Denver Project Manager.

The Lab Certification ID# is 4025.

Reporting limits are adjusted for sample size used, dilutions and moisture content if applicable.

TestAmerica Laboratories, Inc.

TestAmerica Denver 4955 Yarrow Street, Arvada, CO 80002
Tel (303) 736-0100 Fax (303) 431-7171 www.testamericainc.com



Pages have been deleted from this laboratory report file to reduce file size. The deleted pages contain raw data and instrument calibrations. If the full laboratory report is needed, contact Scott.Surovchak@lm.doe.gov

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CASE NARRATIVE

Client: S.M. Stoller Corporation

Project: PINELLAS MONITORING - 15087320

Report Number: 280-74253-1

With exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. All laboratory quality control samples analyzed in conjunction with the samples in this project were within established control limits, with any exceptions noted. Calculations are performed before rounding to avoid round-off errors in calculated results.

Results between the method detection limit (MDL) and reporting limit (RL) are flagged with a "J" qualifier to indicate an estimated value. These results are statistically less reliable than results greater than or equal to the RL and should be considered a qualitative value.

This report includes reporting limits (RLs) less than TestAmerica Denver's practical quantitation limits. These reporting limits are being used specifically at the client's request to meet the needs of this project. Please note that data are not normally reported to these levels without qualification, since they are inherently less reliable and potentially less defensible than required by the current NELAC standards.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 9/16/2015 9:30 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 0.5° C and 4.9° C.

Receipt Exceptions

Three of the four 40mL vials submitted for sample PIN12-0577-1 (NJS 952) were received at the laboratory broken. The client was notified and instructed the laboratory to proceed with the VOA 8260B analysis.

One of the four 40mL vials submitted for sample PIN12-0561-3 (NJS 987) was received at the laboratory broken. Sufficient volume remained for the laboratory to proceed with the requested analyses. The client was notified on 9/17/2015.

One of the four 40mL vials submitted for sample PIN12-0579-1 (NJS 958) was received at the laboratory broken. Sufficient volume remained for the laboratory to proceed with the requested analyses. The client was notified on 9/17/2015.

GC/MS VOLATILES - SW846 8260B

In some cases, due to high concentrations of target analytes, reduced aliquot sizes had to be used for the analysis of samples. The reporting limits have been elevated accordingly. To provide the lowest possible detection limits, multiple runs are reported where available.

Samples PIN12-0575-1 (NJS 932), PIN12-0583-3 (NJS 971), PIN99-2198 (NJS 948) and PIN99-2689 (NJS 990) exhibited surrogate recoveries outside the control limits, biased high. As no detectable concentrations are present at a level greater than half the reporting limit in the samples, corrective action is deemed unnecessary.

Low levels of Acetone or Methylene Chloride, common laboratory contaminants, are present in the method blanks associated with batches 280-296303, 280-296439 and 280-296465. Because these common laboratory contaminants are not present at levels greater than the reporting limits in the method blanks, corrective action is deemed unnecessary.

The LCS/LCSD associated with batch 280-296292 exhibited RPD data outside the control limits for 1,2-Dibromo-3-Chloropropane, and the associated sample results have been flagged "***". Both the LCS and LCSD recoveries were within control limits, demonstrating that the laboratory performed the method within acceptable guidelines; therefore, corrective action is deemed unnecessary.

The LCS associated with batch 280-296303 exhibited a percent recovery outside the control limits, biased low, for cis-1,3-Dichloropropene at 63% (lower limit is 65%), and the associated sample results have been flagged "***". Although cis-1,3-Dichloropropene was recovered outside current historical control limits, the recovery was within the allowed marginal exceedance control limits (lower limit is 53%). This marginal exceedance has been determined to be sporadic, not systematic; therefore, corrective action is deemed unnecessary.

The MS/MSD performed on sample PIN12-0587-2 (NJS 932) in batch 280-296303 exhibited spike compound recoveries and surrogate recoveries outside the control limits. The acceptable LCS analysis data indicated that the analytical system was operating within control; therefore, corrective action is deemed unnecessary.

The MS/MSD associated with batch 280-296466 exhibited spike compound recoveries and surrogate recoveries outside the control limits. The acceptable LCS analysis data indicated that the analytical system was operating within control; therefore, corrective action is deemed unnecessary.

A Continuing Calibration Verification standard (CCV 280-296162/2) exhibited the %Difference (%D) value >35%, biased low, for Naphthalene (-35.4%). All CCC and SPCC compounds are in control; therefore, method criteria have been met and corrective action is deemed unnecessary.

No additional analytical or quality issues were noted, other than those described in the Data Reporting Qualifiers page.

GC/MS VOLATILES - SW846 8260B SIM - 1,4-Dioxane

In some cases, due to high constituent concentration, samples had to be analyzed using reduced aliquot sizes. The reporting limits have been elevated accordingly.

Low levels of 1,4-Dioxane are present in the method blank associated with batch 280-295920. Because the concentration in the method blank is not present at a level greater than half the reporting limit, corrective action is deemed unnecessary.

The MS/MSD associated with batch 280-295273 exceeded the RPD limit for 1,4-Dioxane. The acceptable LCS analysis data indicated that the analytical system was operating within control; therefore, corrective action is deemed unnecessary.

No additional analytical or quality issues were noted, other than those described in the Data Reporting Qualifiers page.

DATA REPORTING QUALIFIERS

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Lab Section	Qualifier	Description
GC/MS VOA		
	B	Compound was found in the blank and sample.
	U	Indicates the analyte was analyzed for but not detected.
	*	LCS or LCSD is outside acceptance limits.
	F1	MS and/or MSD Recovery is outside acceptance limits.
	4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
	F2	MS/MSD RPD exceeds control limits
	E	Result exceeded calibration range.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	*	RPD of the LCS and LCSD exceeds the control limits
	X	Surrogate is outside control limits

SAMPLE SUMMARY

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
280-74253-1	PIN12-0524	Water	09/12/2015 0915	09/16/2015 0930
280-74253-2	PIN12-0525	Water	09/12/2015 1020	09/16/2015 0930
280-74253-3	PIN12-0561-1	Water	09/12/2015 0915	09/16/2015 0930
280-74253-3MS	PIN12-0561-1	Water	09/12/2015 0915	09/16/2015 0930
280-74253-3MSD	PIN12-0561-1	Water	09/12/2015 0915	09/16/2015 0930
280-74253-4	PIN12-0561-2	Water	09/12/2015 0940	09/16/2015 0930
280-74253-4MS	PIN12-0561-2	Water	09/12/2015 0940	09/16/2015 0930
280-74253-4MSD	PIN12-0561-2	Water	09/12/2015 0940	09/16/2015 0930
280-74253-5	PIN12-0561-3	Water	09/12/2015 1040	09/16/2015 0930
280-74253-6	PIN12-0565-1	Water	09/14/2015 1540	09/16/2015 0930
280-74253-7	PIN12-0565-2	Water	09/14/2015 1600	09/16/2015 0930
280-74253-8	PIN12-0565-3	Water	09/14/2015 1625	09/16/2015 0930
280-74253-9	PIN12-0574-1	Water	09/14/2015 1420	09/16/2015 0930
280-74253-10	PIN12-0574-2	Water	09/14/2015 1445	09/16/2015 0930
280-74253-11	PIN12-0574-3	Water	09/14/2015 1510	09/16/2015 0930
280-74253-12	PIN12-0575-1	Water	09/14/2015 0925	09/16/2015 0930
280-74253-13	PIN12-0575-2	Water	09/14/2015 1350	09/16/2015 0930
280-74253-14	PIN12-0576-1	Water	09/12/2015 1510	09/16/2015 0930
280-74253-15	PIN12-0576-2	Water	09/12/2015 1530	09/16/2015 0930
280-74253-16	PIN12-0576-3	Water	09/12/2015 1555	09/16/2015 0930
280-74253-17	PIN12-0577-1	Water	09/12/2015 1405	09/16/2015 0930
280-74253-18	PIN12-0577-2	Water	09/12/2015 1430	09/16/2015 0930
280-74253-19	PIN12-0577-3	Water	09/12/2015 1450	09/16/2015 0930
280-74253-20	PIN12-0579-1	Water	09/12/2015 1515	09/16/2015 0930
280-74253-21	PIN12-0579-2	Water	09/12/2015 1535	09/16/2015 0930
280-74253-22	PIN12-0579-3	Water	09/12/2015 1600	09/16/2015 0930
280-74253-23	PIN12-0580-1	Water	09/11/2015 1555	09/16/2015 0930
280-74253-24	PIN12-0580-2	Water	09/11/2015 1625	09/16/2015 0930
280-74253-25	PIN12-0580-3	Water	09/11/2015 1655	09/16/2015 0930
280-74253-26	PIN12-0581-1	Water	09/11/2015 1400	09/16/2015 0930
280-74253-27	PIN12-0581-2	Water	09/11/2015 1435	09/16/2015 0930
280-74253-28	PIN12-0581-3	Water	09/11/2015 1505	09/16/2015 0930
280-74253-29	PIN12-0582-1	Water	09/11/2015 1255	09/16/2015 0930
280-74253-30	PIN12-0582-2	Water	09/11/2015 1320	09/16/2015 0930
280-74253-31	PIN12-0582-3	Water	09/11/2015 1400	09/16/2015 0930
280-74253-32	PIN12-0583-1	Water	09/11/2015 1450	09/16/2015 0930
280-74253-33	PIN12-0583-2	Water	09/11/2015 1515	09/16/2015 0930
280-74253-34	PIN12-0583-3	Water	09/11/2015 1540	09/16/2015 0930
280-74253-35	PIN12-0584-1	Water	09/12/2015 1120	09/16/2015 0930
280-74253-36	PIN12-0584-2	Water	09/12/2015 1140	09/16/2015 0930
280-74253-37	PIN12-0584-3	Water	09/12/2015 1210	09/16/2015 0930
280-74253-38	PIN12-0585-1	Water	09/12/2015 1055	09/16/2015 0930
280-74253-39	PIN12-0585-2	Water	09/12/2015 1130	09/16/2015 0930
280-74253-40	PIN12-0585-3	Water	09/12/2015 1410	09/16/2015 0930
280-74253-41	PIN12-0587-1	Water	09/13/2015 0840	09/16/2015 0930
280-74253-42	PIN12-0587-2	Water	09/13/2015 0925	09/16/2015 0930
280-74253-43	PIN12-0587-3	Water	09/13/2015 1015	09/16/2015 0930
280-74253-44	PIN12-0588-1	Water	09/13/2015 0835	09/16/2015 0930
280-74253-45	PIN12-0588-2	Water	09/13/2015 0930	09/16/2015 0930
280-74253-46	PIN12-0588-3	Water	09/13/2015 0950	09/16/2015 0930
280-74253-47	PIN99-2198	Water	09/14/2015 1200	09/16/2015 0930
280-74253-48	PIN12-2451	Water	09/11/2015 1205	09/16/2015 0930

SAMPLE SUMMARY

Client: S.M. Stoller Corporation

Job Number: 280-74253-1
Sdg Number: 15087320

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
280-74253-49	PIN12-2452	Water	09/12/2015 1100	09/16/2015 0930
280-74253-50	PIN12-2453	Water	09/12/2015 1200	09/16/2015 0930
280-74253-51	PIN12-2454	Water	09/13/2015 0900	09/16/2015 0930
280-74253-52	PIN99-2689	Water	09/11/2015 1200	09/16/2015 0930
280-74253-53	PIN12-S73D	Water	09/11/2015 1045	09/16/2015 0930

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-74253-1	PIN12-0524					
Benzene		1.1		1.0	ug/L	8260B
1,1-Dichloroethane		0.31	J	1.0	ug/L	8260B
cis-1,2-Dichloroethene		260		10	ug/L	8260B
trans-1,2-Dichloroethene		1.7		1.0	ug/L	8260B
1,1-Dichloroethene		4.2		1.0	ug/L	8260B
Vinyl chloride		260		10	ug/L	8260B
1,4-Dioxane		1.4		1.0	ug/L	8260B SIM
280-74253-2	PIN12-0525					
cis-1,2-Dichloroethene		1.1		1.0	ug/L	8260B
Vinyl chloride		0.12	J	1.0	ug/L	8260B
1,4-Dioxane		3.4		1.0	ug/L	8260B SIM
280-74253-3	PIN12-0561-1					
Acetone		2.2	J	10	ug/L	8260B
280-74253-5	PIN12-0561-3					
Acetone		3.0	J	10	ug/L	8260B
1,4-Dioxane		0.60	J	1.0	ug/L	8260B SIM
280-74253-7	PIN12-0565-2					
Acetone		2.8	J B	10	ug/L	8260B
cis-1,2-Dichloroethene		0.38	J	1.0	ug/L	8260B
1,4-Dioxane		1.7		1.0	ug/L	8260B SIM
280-74253-8	PIN12-0565-3					
cis-1,2-Dichloroethene		0.49	J	1.0	ug/L	8260B
trans-1,2-Dichloroethene		0.16	J	1.0	ug/L	8260B
1,4-Dioxane		0.42	J	1.0	ug/L	8260B SIM
280-74253-9	PIN12-0574-1					
Acetone		4.6	J B	10	ug/L	8260B
cis-1,2-Dichloroethene		21		1.0	ug/L	8260B
trans-1,2-Dichloroethene		0.26	J	1.0	ug/L	8260B
1,1-Dichloroethene		0.31	J	1.0	ug/L	8260B
Vinyl chloride		22		1.0	ug/L	8260B
1,4-Dioxane		1.1		1.0	ug/L	8260B SIM

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-74253-10	PIN12-0574-2					
Acetone		9.2	J B	10	ug/L	8260B
1,1-Dichloroethane		0.24	J	1.0	ug/L	8260B
cis-1,2-Dichloroethene		77		4.0	ug/L	8260B
trans-1,2-Dichloroethene		1.2		1.0	ug/L	8260B
1,1-Dichloroethene		4.9		1.0	ug/L	8260B
Vinyl chloride		46		1.0	ug/L	8260B
1,4-Dioxane		1.5		1.0	ug/L	8260B SIM
280-74253-11	PIN12-0574-3					
Acetone		3.4	J	10	ug/L	8260B
cis-1,2-Dichloroethene		0.27	J	1.0	ug/L	8260B
Vinyl chloride		2.1		1.0	ug/L	8260B
1,4-Dioxane		0.49	J	1.0	ug/L	8260B SIM
280-74253-12	PIN12-0575-1					
Acetone		2.9	J B	10	ug/L	8260B
1,4-Dioxane		1.3		1.0	ug/L	8260B SIM
280-74253-13	PIN12-0575-2					
Acetone		4.0	J	10	ug/L	8260B
cis-1,2-Dichloroethene		0.16	J	1.0	ug/L	8260B
Vinyl chloride		1.6		1.0	ug/L	8260B
280-74253-14	PIN12-0576-1					
Acetone		53		10	ug/L	8260B
2-Butanone (MEK)		25		5.0	ug/L	8260B
Chloroethane		3.1		1.0	ug/L	8260B
1,1-Dichloroethane		4.0		1.0	ug/L	8260B
cis-1,2-Dichloroethene		4.1		1.0	ug/L	8260B
trans-1,2-Dichloroethene		0.16	J	1.0	ug/L	8260B
1,1-Dichloroethene		0.54	J	1.0	ug/L	8260B
2-Hexanone		2.3	J	5.0	ug/L	8260B
4-Methyl-2-pentanone		2.3	J	5.0	ug/L	8260B
Toluene		0.25	J	1.0	ug/L	8260B
Vinyl chloride		6.7		1.0	ug/L	8260B
1,4-Dioxane		64	B	4.0	ug/L	8260B SIM

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-74253-15	PIN12-0576-2					
Acetone		5.8	J	10	ug/L	8260B
2-Butanone (MEK)		10		5.0	ug/L	8260B
1,1-Dichloroethane		15		1.0	ug/L	8260B
cis-1,2-Dichloroethene		8.1		1.0	ug/L	8260B
trans-1,2-Dichloroethene		0.40	J	1.0	ug/L	8260B
1,1-Dichloroethene		1.7		1.0	ug/L	8260B
Vinyl chloride		15		1.0	ug/L	8260B
1,4-Dioxane		19	B	2.0	ug/L	8260B SIM
280-74253-16	PIN12-0576-3					
Acetone		3.1	J	10	ug/L	8260B
cis-1,2-Dichloroethene		0.22	J	1.0	ug/L	8260B
Vinyl chloride		0.50	J	1.0	ug/L	8260B
280-74253-17	PIN12-0577-1					
Acetone		3.1	J	10	ug/L	8260B
280-74253-18	PIN12-0577-2					
Acetone		2.3	J	10	ug/L	8260B
1,4-Dioxane		0.39	J B	1.0	ug/L	8260B SIM
280-74253-19	PIN12-0577-3					
Acetone		3.2	J	10	ug/L	8260B
1,4-Dioxane		0.44	J B	1.0	ug/L	8260B SIM
280-74253-20	PIN12-0579-1					
Acetone		3.0	J	10	ug/L	8260B
280-74253-21	PIN12-0579-2					
Acetone		2.8	J	10	ug/L	8260B
1,4-Dioxane		0.54	J B	1.0	ug/L	8260B SIM
280-74253-22	PIN12-0579-3					
Acetone		3.7	J	10	ug/L	8260B
1,4-Dioxane		0.37	J B	1.0	ug/L	8260B SIM

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-74253-24	PIN12-0580-2					
1,1-Dichloroethane		3.7		1.0	ug/L	8260B
cis-1,2-Dichloroethene		23		1.0	ug/L	8260B
trans-1,2-Dichloroethene		9.3		1.0	ug/L	8260B
1,1-Dichloroethene		0.31	J	1.0	ug/L	8260B
Vinyl chloride		190		4.0	ug/L	8260B
1,4-Dioxane		160		20	ug/L	8260B SIM
280-74253-25	PIN12-0580-3					
1,1-Dichloroethane		3.4		1.0	ug/L	8260B
cis-1,2-Dichloroethene		18		1.0	ug/L	8260B
trans-1,2-Dichloroethene		4.0		1.0	ug/L	8260B
1,1-Dichloroethene		0.31	J	1.0	ug/L	8260B
Vinyl chloride		45		1.0	ug/L	8260B
1,4-Dioxane		39		4.0	ug/L	8260B SIM
280-74253-27	PIN12-0581-2					
1,1-Dichloroethane		17		1.0	ug/L	8260B
cis-1,2-Dichloroethene		6.3		1.0	ug/L	8260B
trans-1,2-Dichloroethene		0.84	J	1.0	ug/L	8260B
1,1-Dichloroethene		0.69	J	1.0	ug/L	8260B
Vinyl chloride		22		1.0	ug/L	8260B
1,4-Dioxane		34		2.0	ug/L	8260B SIM
280-74253-28	PIN12-0581-3					
1,1-Dichloroethane		0.70	J	1.0	ug/L	8260B
cis-1,2-Dichloroethene		0.46	J	1.0	ug/L	8260B
Vinyl chloride		1.0		1.0	ug/L	8260B
1,4-Dioxane		1.9		1.0	ug/L	8260B SIM
280-74253-30	PIN12-0582-2					
1,1-Dichloroethane		34		1.0	ug/L	8260B
cis-1,2-Dichloroethene		0.59	J	1.0	ug/L	8260B
trans-1,2-Dichloroethene		8.3		1.0	ug/L	8260B
Vinyl chloride		59		1.0	ug/L	8260B
1,4-Dioxane		350		20	ug/L	8260B SIM

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Lab Sample ID	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-74253-31	PIN12-0582-3					
1,1-Dichloroethane		0.57	J	1.0	ug/L	8260B
cis-1,2-Dichloroethene		0.91	J	1.0	ug/L	8260B
trans-1,2-Dichloroethene		0.20	J	1.0	ug/L	8260B
Vinyl chloride		3.3		1.0	ug/L	8260B
1,4-Dioxane		2.9		1.0	ug/L	8260B SIM
280-74253-33	PIN12-0583-2					
Acetone		2.9	J	10	ug/L	8260B
1,1-Dichloroethane		0.22	J	1.0	ug/L	8260B
trans-1,2-Dichloroethene		0.34	J	1.0	ug/L	8260B
Vinyl chloride		3.7		1.0	ug/L	8260B
1,4-Dioxane		2.2		1.0	ug/L	8260B SIM
280-74253-34	PIN12-0583-3					
Acetone		3.3	J	10	ug/L	8260B
280-74253-35	PIN12-0584-1					
Acetone		2.4	J	10	ug/L	8260B
Vinyl chloride		0.14	J	1.0	ug/L	8260B
1,4-Dioxane		0.80	J	1.0	ug/L	8260B SIM
280-74253-36	PIN12-0584-2					
Acetone		3.3	J	10	ug/L	8260B
1,1-Dichloroethane		0.22	J	1.0	ug/L	8260B
cis-1,2-Dichloroethene		2.5		1.0	ug/L	8260B
Vinyl chloride		34		1.0	ug/L	8260B
280-74253-37	PIN12-0584-3					
Acetone		4.9	J	10	ug/L	8260B
cis-1,2-Dichloroethene		1.0		1.0	ug/L	8260B
Vinyl chloride		23		1.0	ug/L	8260B
1,4-Dioxane		0.33	J	1.0	ug/L	8260B SIM

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-74253-38	PIN12-0585-1					
Acetone		4.6	J	10	ug/L	8260B
cis-1,2-Dichloroethene		3.9		1.0	ug/L	8260B
trans-1,2-Dichloroethene		0.24	J	1.0	ug/L	8260B
1,1-Dichloroethene		0.34	J	1.0	ug/L	8260B
Trichloroethene		0.23	J	1.0	ug/L	8260B
Vinyl chloride		1.9		1.0	ug/L	8260B
1,4-Dioxane		4.2	B	1.0	ug/L	8260B SIM
280-74253-39	PIN12-0585-2					
Acetone		48	J	200	ug/L	8260B
cis-1,2-Dichloroethene		3600		200	ug/L	8260B
trans-1,2-Dichloroethene		44		20	ug/L	8260B
1,1-Dichloroethene		150		20	ug/L	8260B
Trichloroethene		30		20	ug/L	8260B
Vinyl chloride		4800		200	ug/L	8260B
1,4-Dioxane		5.9	B	1.0	ug/L	8260B SIM
280-74253-40	PIN12-0585-3					
Acetone		14	J	40	ug/L	8260B
2-Butanone (MEK)		35		20	ug/L	8260B
cis-1,2-Dichloroethene		19		4.0	ug/L	8260B
trans-1,2-Dichloroethene		5.7		4.0	ug/L	8260B
Vinyl chloride		510		40	ug/L	8260B
1,4-Dioxane		2.4	B	1.0	ug/L	8260B SIM
280-74253-41	PIN12-0587-1					
Acetone		4.9	J	10	ug/L	8260B
2-Butanone (MEK)		8.4		5.0	ug/L	8260B
cis-1,2-Dichloroethene		0.20	J	1.0	ug/L	8260B
Toluene		0.43	J	1.0	ug/L	8260B

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-74253-42	PIN12-0587-2					
Acetone		19	J B F1	20	ug/L	8260B
Benzene		0.96	J	2.0	ug/L	8260B
1,1-Dichloroethane		1.8	J F1	2.0	ug/L	8260B
cis-1,2-Dichloroethene		100		20	ug/L	8260B
trans-1,2-Dichloroethene		23	F1	2.0	ug/L	8260B
1,1-Dichloroethene		15	F1	2.0	ug/L	8260B
Toluene		0.85	J	2.0	ug/L	8260B
Trichloroethene		10		2.0	ug/L	8260B
Vinyl chloride		360		20	ug/L	8260B
1,4-Dioxane		7.5	B	1.0	ug/L	8260B SIM
280-74253-43	PIN12-0587-3					
Acetone		16	B	10	ug/L	8260B
Benzene		0.19	J	1.0	ug/L	8260B
2-Butanone (MEK)		17		5.0	ug/L	8260B
1,1-Dichloroethane		0.44	J	1.0	ug/L	8260B
cis-1,2-Dichloroethene		7.9		1.0	ug/L	8260B
trans-1,2-Dichloroethene		0.43	J	1.0	ug/L	8260B
Toluene		0.23	J	1.0	ug/L	8260B
Vinyl chloride		40		1.0	ug/L	8260B
1,4-Dioxane		3.0	B	1.0	ug/L	8260B SIM
280-74253-44	PIN12-0588-1					
Acetone		2.7	J B	10	ug/L	8260B
cis-1,2-Dichloroethene		0.20	J	1.0	ug/L	8260B
Vinyl chloride		1.5		1.0	ug/L	8260B
1,4-Dioxane		1.5	B	1.0	ug/L	8260B SIM
280-74253-45	PIN12-0588-2					
Acetone		60	B	10	ug/L	8260B
1,1-Dichloroethane		1.4		1.0	ug/L	8260B
cis-1,2-Dichloroethene		4.8		1.0	ug/L	8260B
Vinyl chloride		5.2		1.0	ug/L	8260B
1,4-Dioxane		6.5	B	1.0	ug/L	8260B SIM
280-74253-46	PIN12-0588-3					
cis-1,2-Dichloroethene		0.26	J	1.0	ug/L	8260B
Vinyl chloride		1.4		1.0	ug/L	8260B
1,4-Dioxane		0.75	J B	1.0	ug/L	8260B SIM

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-74253-48	PIN12-2451					
Acetone		2.1	J	10	ug/L	8260B
1,1-Dichloroethane		18		1.0	ug/L	8260B
cis-1,2-Dichloroethene		6.3		1.0	ug/L	8260B
trans-1,2-Dichloroethene		0.77	J	1.0	ug/L	8260B
1,1-Dichloroethene		0.63	J	1.0	ug/L	8260B
Vinyl chloride		22		1.0	ug/L	8260B
1,4-Dioxane		42		4.0	ug/L	8260B SIM
280-74253-49	PIN12-2452					
Acetone		50	J	200	ug/L	8260B
cis-1,2-Dichloroethene		3600		200	ug/L	8260B
trans-1,2-Dichloroethene		46		20	ug/L	8260B
1,1-Dichloroethene		150		20	ug/L	8260B
Trichloroethene		30		20	ug/L	8260B
Vinyl chloride		4800		200	ug/L	8260B
1,4-Dioxane		7.3	B	1.0	ug/L	8260B SIM
280-74253-50	PIN12-2453					
2-Butanone (MEK)		27		10	ug/L	8260B
cis-1,2-Dichloroethene		18		2.0	ug/L	8260B
trans-1,2-Dichloroethene		5.8		2.0	ug/L	8260B
Methylene Chloride		0.67	J B	2.0	ug/L	8260B
Toluene		0.41	J	2.0	ug/L	8260B
Vinyl chloride		320		20	ug/L	8260B
1,4-Dioxane		3.4	B	1.0	ug/L	8260B SIM
280-74253-51	PIN12-2454					
Benzene		1.1		1.0	ug/L	8260B
1,1-Dichloroethane		1.8		1.0	ug/L	8260B
cis-1,2-Dichloroethene		140		10	ug/L	8260B
trans-1,2-Dichloroethene		23		1.0	ug/L	8260B
1,1-Dichloroethene		15		1.0	ug/L	8260B
Toluene		1.0		1.0	ug/L	8260B
Trichloroethene		11		1.0	ug/L	8260B
Vinyl chloride		340		10	ug/L	8260B

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Lab Sample ID	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-74253-53	PIN12-S73D					
Acetone		4.3	J	10	ug/L	8260B
1,1-Dichloroethane		0.45	J	1.0	ug/L	8260B
trans-1,2-Dichloroethene		0.62	J	1.0	ug/L	8260B
Vinyl chloride		4.4		1.0	ug/L	8260B
1,4-Dioxane		9.7		2.0	ug/L	8260B SIM

METHOD SUMMARY

Client: S.M. Stoller Corporation

Job Number: 280-74253-1
Sdg Number: 15087320

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Volatile Organic Compounds (GC/MS)	TAL DEN	SW846 8260B	
Purge and Trap	TAL DEN		SW846 5030B
Volatile Organic Compounds (GC/MS-SIM)	TAL DEN	SW846 8260B SIM	
Purge and Trap	TAL DEN		SW846 5030B

Lab References:

TAL DEN = TestAmerica Denver

Method References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Method	Analyst	Analyst ID
SW846 8260B	Berger, Brent B	BBB
SW846 8260B	Ilczyszyn, Dennis P	DPI
SW846 8260B	Meier, Greg P	GPM
SW846 8260B	Wickham, Tom A	TAW
SW846 8260B SIM	Moan, Matthew R	MRM

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0524

Lab Sample ID: 280-74253-1

Date Sampled: 09/12/2015 0915

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296162	Instrument ID: VMS_R1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: R0473.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/23/2015 1941		Final Weight/Volume: 20 mL
Prep Date: 09/23/2015 1941		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	1.1		0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.31	J	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
trans-1,2-Dichloroethene	1.7		0.15	1.0
1,1-Dichloroethene	4.2		0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0
Styrene	0.17	U	0.17	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0524

Lab Sample ID: 280-74253-1

Date Sampled: 09/12/2015 0915

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296162	Instrument ID: VMS_R1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: R0473.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/23/2015 1941		Final Weight/Volume: 20 mL
Prep Date: 09/23/2015 1941		

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	123		70 - 127
Toluene-d8 (Surr)	100		80 - 125
4-Bromofluorobenzene (Surr)	103		78 - 120
Dibromofluoromethane (Surr)	110		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0524

Lab Sample ID: 280-74253-1

Date Sampled: 09/12/2015 0915

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296162	Instrument ID: VMS_R1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: R0474.D
Dilution: 1.0		Initial Weight/Volume: 2 mL
Analysis Date: 09/23/2015 2000	Run Type: DL	Final Weight/Volume: 20 mL
Prep Date: 09/23/2015 2000		

Analyte	Result (ug/L)	Qualifier	MDL	RL
cis-1,2-Dichloroethene	260		1.5	10
Vinyl chloride	260		1.0	10

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	122		70 - 127
Toluene-d8 (Surr)	97		80 - 125
4-Bromofluorobenzene (Surr)	96		78 - 120
Dibromofluoromethane (Surr)	115		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0525

Lab Sample ID: 280-74253-2

Date Sampled: 09/12/2015 1020

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296162	Instrument ID: VMS_R1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: R0475.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/23/2015 2019		Final Weight/Volume: 20 mL
Prep Date: 09/23/2015 2019		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	1.1		0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0525

Lab Sample ID: 280-74253-2

Date Sampled: 09/12/2015 1020

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296162	Instrument ID: VMS_R1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: R0475.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/23/2015 2019		Final Weight/Volume: 20 mL
Prep Date: 09/23/2015 2019		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.12	J	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	117		70 - 127
Toluene-d8 (Surr)	96		80 - 125
4-Bromofluorobenzene (Surr)	103		78 - 120
Dibromofluoromethane (Surr)	106		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0561-1

Lab Sample ID: 280-74253-3

Date Sampled: 09/12/2015 0915

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296292	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS2870.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 0957		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 0957		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	2.2	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U *	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0561-1

Lab Sample ID: 280-74253-3

Date Sampled: 09/12/2015 0915

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296292	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS2870.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 0957		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 0957		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	113		70 - 127
Toluene-d8 (Surr)	97		80 - 125
4-Bromofluorobenzene (Surr)	103		78 - 120
Dibromofluoromethane (Surr)	104		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0561-2

Lab Sample ID: 280-74253-4

Date Sampled: 09/12/2015 0940

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296162	Instrument ID: VMS_R1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: R0477.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/23/2015 2058		Final Weight/Volume: 20 mL
Prep Date: 09/23/2015 2058		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0561-2

Lab Sample ID: 280-74253-4

Date Sampled: 09/12/2015 0940

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296162	Instrument ID: VMS_R1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: R0477.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/23/2015 2058		Final Weight/Volume: 20 mL
Prep Date: 09/23/2015 2058		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	126		70 - 127
Toluene-d8 (Surr)	101		80 - 125
4-Bromofluorobenzene (Surr)	101		78 - 120
Dibromofluoromethane (Surr)	114		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0561-3

Lab Sample ID: 280-74253-5

Date Sampled: 09/12/2015 1040

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296292	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS2873.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1059		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1059		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	3.0	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U *	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0561-3

Lab Sample ID: 280-74253-5

Date Sampled: 09/12/2015 1040

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296292	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS2873.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1059		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1059		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	107		70 - 127
Toluene-d8 (Surr)	96		80 - 125
4-Bromofluorobenzene (Surr)	100		78 - 120
Dibromofluoromethane (Surr)	100		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0565-1

Lab Sample ID: 280-74253-6

Date Sampled: 09/14/2015 1540

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-296303	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R0487.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2015 1024			Final Weight/Volume:	20 mL
Prep Date:	09/24/2015 1024				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U *	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0565-1

Lab Sample ID: 280-74253-6

Date Sampled: 09/14/2015 1540

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296303	Instrument ID: VMS_R1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: R0487.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1024		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1024		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	99		70 - 127
Toluene-d8 (Surr)	102		80 - 125
4-Bromofluorobenzene (Surr)	102		78 - 120
Dibromofluoromethane (Surr)	94		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0565-2

Lab Sample ID: 280-74253-7

Date Sampled: 09/14/2015 1600

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296303	Instrument ID: VMS_R1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: R0488.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1043		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1043		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	2.8	J B	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.38	J	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U *	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0565-2

Lab Sample ID: 280-74253-7

Date Sampled: 09/14/2015 1600

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296303	Instrument ID: VMS_R1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: R0488.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1043		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1043		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	112		70 - 127
Toluene-d8 (Surr)	107		80 - 125
4-Bromofluorobenzene (Surr)	106		78 - 120
Dibromofluoromethane (Surr)	102		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0565-3

Lab Sample ID: 280-74253-8

Date Sampled: 09/14/2015 1625

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296303	Instrument ID: VMS_R1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: R0489.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1102		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1102		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.49	J	0.15	1.0
trans-1,2-Dichloroethene	0.16	J	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U *	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0565-3

Lab Sample ID: 280-74253-8

Date Sampled: 09/14/2015 1625

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296303	Instrument ID: VMS_R1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: R0489.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1102		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1102		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	119		70 - 127
Toluene-d8 (Surr)	97		80 - 125
4-Bromofluorobenzene (Surr)	97		78 - 120
Dibromofluoromethane (Surr)	114		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0574-1

Lab Sample ID: 280-74253-9

Date Sampled: 09/14/2015 1420

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296303	Instrument ID: VMS_R1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: R0490.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1122		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1122		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	4.6	J B	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	21		0.15	1.0
trans-1,2-Dichloroethene	0.26	J	0.15	1.0
1,1-Dichloroethene	0.31	J	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U *	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0574-1

Lab Sample ID: 280-74253-9

Date Sampled: 09/14/2015 1420

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296303	Instrument ID: VMS_R1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: R0490.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1122		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1122		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	22		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	119		70 - 127
Toluene-d8 (Surr)	99		80 - 125
4-Bromofluorobenzene (Surr)	98		78 - 120
Dibromofluoromethane (Surr)	111		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0574-2

Lab Sample ID: 280-74253-10

Date Sampled: 09/14/2015 1445

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296303	Instrument ID: VMS_R1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: R0491.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1141		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1141		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	9.2	J B	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.24	J	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
trans-1,2-Dichloroethene	1.2		0.15	1.0
1,1-Dichloroethene	4.9		0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U *	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0
Styrene	0.17	U	0.17	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0574-2

Lab Sample ID: 280-74253-10

Client Matrix: Water

Date Sampled: 09/14/2015 1445

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296303	Instrument ID: VMS_R1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: R0491.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1141		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1141		

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	46		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	115		70 - 127
Toluene-d8 (Surr)	89		80 - 125
4-Bromofluorobenzene (Surr)	90		78 - 120
Dibromofluoromethane (Surr)	110		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0574-2

Lab Sample ID: 280-74253-10

Date Sampled: 09/14/2015 1445

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296303	Instrument ID: VMS_R1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: R0492.D
Dilution: 1.0		Initial Weight/Volume: 5 mL
Analysis Date: 09/24/2015 1200	Run Type: DL	Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1200		

Analyte	Result (ug/L)	Qualifier	MDL	RL
cis-1,2-Dichloroethene	77		0.60	4.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	120		70 - 127
Toluene-d8 (Surr)	101		80 - 125
4-Bromofluorobenzene (Surr)	106		78 - 120
Dibromofluoromethane (Surr)	112		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0574-3

Lab Sample ID: 280-74253-11

Date Sampled: 09/14/2015 1510

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296466	Instrument ID: VMS_G2
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: G2_7988.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/25/2015 1047		Final Weight/Volume: 20 mL
Prep Date: 09/25/2015 1047		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	3.4	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.27	J	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0574-3

Lab Sample ID: 280-74253-11

Date Sampled: 09/14/2015 1510

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296466	Instrument ID: VMS_G2
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: G2_7988.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/25/2015 1047		Final Weight/Volume: 20 mL
Prep Date: 09/25/2015 1047		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	2.1		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	107		70 - 127
Toluene-d8 (Surr)	102		80 - 125
4-Bromofluorobenzene (Surr)	96		78 - 120
Dibromofluoromethane (Surr)	120		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0575-1

Lab Sample ID: 280-74253-12

Date Sampled: 09/14/2015 0925

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296303	Instrument ID: VMS_R1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: R0494.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1238		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1238		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	2.9	J B	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U *	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0575-1

Lab Sample ID: 280-74253-12

Date Sampled: 09/14/2015 0925

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296303	Instrument ID: VMS_R1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: R0494.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1238		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1238		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	128	X	70 - 127
Toluene-d8 (Surr)	94		80 - 125
4-Bromofluorobenzene (Surr)	99		78 - 120
Dibromofluoromethane (Surr)	121	X	77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0575-2

Lab Sample ID: 280-74253-13

Date Sampled: 09/14/2015 1350

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296466	Instrument ID: VMS_G2	
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: G2_7989.D	
Dilution: 1.0		Initial Weight/Volume: 20 mL	
Analysis Date: 09/25/2015 1106		Final Weight/Volume: 20 mL	
Prep Date: 09/25/2015 1106			

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	4.0	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.16	J	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0575-2

Lab Sample ID: 280-74253-13

Date Sampled: 09/14/2015 1350

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296466	Instrument ID: VMS_G2
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: G2_7989.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/25/2015 1106		Final Weight/Volume: 20 mL
Prep Date: 09/25/2015 1106		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	1.6		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	107		70 - 127
Toluene-d8 (Surr)	94		80 - 125
4-Bromofluorobenzene (Surr)	89		78 - 120
Dibromofluoromethane (Surr)	114		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0576-1

Lab Sample ID: 280-74253-14

Date Sampled: 09/12/2015 1510

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296292	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS2874.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1119		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1119		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	53		1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	25		2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	3.1		0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U *	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	4.0		0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	4.1		0.15	1.0
trans-1,2-Dichloroethene	0.16	J	0.15	1.0
1,1-Dichloroethene	0.54	J	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	2.3	J	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	2.3	J	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0576-1

Lab Sample ID: 280-74253-14

Date Sampled: 09/12/2015 1510

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296292	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS2874.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1119		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1119		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.25	J	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	6.7		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	112		70 - 127
Toluene-d8 (Surr)	95		80 - 125
4-Bromofluorobenzene (Surr)	94		78 - 120
Dibromofluoromethane (Surr)	103		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0576-2

Lab Sample ID: 280-74253-15

Date Sampled: 09/12/2015 1530

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296292	Instrument ID: VMS_MS1	
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS2876.D	
Dilution: 1.0		Initial Weight/Volume: 20 mL	
Analysis Date: 09/24/2015 1201		Final Weight/Volume: 20 mL	
Prep Date: 09/24/2015 1201			

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	5.8	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	10		2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U *	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	15		0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	8.1		0.15	1.0
trans-1,2-Dichloroethene	0.40	J	0.15	1.0
1,1-Dichloroethene	1.7		0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0576-2

Lab Sample ID: 280-74253-15

Date Sampled: 09/12/2015 1530

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296292	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS2876.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1201		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1201		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	15		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	112		70 - 127
Toluene-d8 (Surr)	93		80 - 125
4-Bromofluorobenzene (Surr)	96		78 - 120
Dibromofluoromethane (Surr)	106		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0576-3

Lab Sample ID: 280-74253-16

Date Sampled: 09/12/2015 1555

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296292	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS2877.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1221		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1221		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	3.1	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U *	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.22	J	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0576-3

Lab Sample ID: 280-74253-16

Date Sampled: 09/12/2015 1555

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296292	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS2877.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1221		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1221		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.50	J	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	116		70 - 127
Toluene-d8 (Surr)	95		80 - 125
4-Bromofluorobenzene (Surr)	98		78 - 120
Dibromofluoromethane (Surr)	107		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0577-1

Lab Sample ID: 280-74253-17

Date Sampled: 09/12/2015 1405

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-296292	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS2878.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2015 1242			Final Weight/Volume:	20 mL
Prep Date:	09/24/2015 1242				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	3.1	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U *	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0577-1

Lab Sample ID: 280-74253-17

Date Sampled: 09/12/2015 1405

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296292	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS2878.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1242		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1242		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	117		70 - 127
Toluene-d8 (Surr)	95		80 - 125
4-Bromofluorobenzene (Surr)	100		78 - 120
Dibromofluoromethane (Surr)	107		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0577-2

Lab Sample ID: 280-74253-18

Date Sampled: 09/12/2015 1430

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296292	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS2879.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1302		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1302		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	2.3	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U *	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0577-2

Lab Sample ID: 280-74253-18

Date Sampled: 09/12/2015 1430

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296292	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS2879.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1302		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1302		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	114		70 - 127
Toluene-d8 (Surr)	97		80 - 125
4-Bromofluorobenzene (Surr)	101		78 - 120
Dibromofluoromethane (Surr)	106		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0577-3

Lab Sample ID: 280-74253-19

Date Sampled: 09/12/2015 1450

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296292	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS2880.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1323		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1323		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	3.2	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U *	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0577-3

Lab Sample ID: 280-74253-19

Date Sampled: 09/12/2015 1450

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296292	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS2880.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1323		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1323		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	118		70 - 127
Toluene-d8 (Surr)	96		80 - 125
4-Bromofluorobenzene (Surr)	101		78 - 120
Dibromofluoromethane (Surr)	107		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0579-1

Lab Sample ID: 280-74253-20

Date Sampled: 09/12/2015 1515

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296292	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS2881.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1344		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1344		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	3.0	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U *	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0579-1

Lab Sample ID: 280-74253-20

Date Sampled: 09/12/2015 1515

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296292	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS2881.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1344		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1344		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	118		70 - 127
Toluene-d8 (Surr)	93		80 - 125
4-Bromofluorobenzene (Surr)	101		78 - 120
Dibromofluoromethane (Surr)	108		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0579-2

Lab Sample ID: 280-74253-21

Date Sampled: 09/12/2015 1535

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296292	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS2882.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1404		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1404		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	2.8	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U *	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0579-2

Lab Sample ID: 280-74253-21

Date Sampled: 09/12/2015 1535

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296292	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS2882.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1404		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1404		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	115		70 - 127
Toluene-d8 (Surr)	95		80 - 125
4-Bromofluorobenzene (Surr)	100		78 - 120
Dibromofluoromethane (Surr)	107		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0579-3

Lab Sample ID: 280-74253-22

Date Sampled: 09/12/2015 1600

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296292	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS2883.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1425		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1425		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	3.7	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U *	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0579-3

Lab Sample ID: 280-74253-22

Date Sampled: 09/12/2015 1600

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296292	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS2883.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1425		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1425		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	118		70 - 127
Toluene-d8 (Surr)	96		80 - 125
4-Bromofluorobenzene (Surr)	100		78 - 120
Dibromofluoromethane (Surr)	107		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0580-1

Lab Sample ID: 280-74253-23

Date Sampled: 09/11/2015 1555

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296439	Instrument ID: VMS_H
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: H7409.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/25/2015 0238		Final Weight/Volume: 20 mL
Prep Date: 09/25/2015 0238		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0580-1

Lab Sample ID: 280-74253-23

Date Sampled: 09/11/2015 1555

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296439	Instrument ID: VMS_H
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: H7409.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/25/2015 0238		Final Weight/Volume: 20 mL
Prep Date: 09/25/2015 0238		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	92		70 - 127
Toluene-d8 (Surr)	100		80 - 125
4-Bromofluorobenzene (Surr)	91		78 - 120
Dibromofluoromethane (Surr)	99		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0580-2

Lab Sample ID: 280-74253-24

Date Sampled: 09/11/2015 1625

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296439	Instrument ID: VMS_H
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: H7411.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/25/2015 0324		Final Weight/Volume: 20 mL
Prep Date: 09/25/2015 0324		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	3.7		0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	23		0.15	1.0
trans-1,2-Dichloroethene	9.3		0.15	1.0
1,1-Dichloroethene	0.31	J	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0580-2

Lab Sample ID: 280-74253-24

Date Sampled: 09/11/2015 1625

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296439	Instrument ID: VMS_H
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: H7411.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/25/2015 0324		Final Weight/Volume: 20 mL
Prep Date: 09/25/2015 0324		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96		70 - 127
Toluene-d8 (Surr)	101		80 - 125
4-Bromofluorobenzene (Surr)	95		78 - 120
Dibromofluoromethane (Surr)	101		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0580-2

Lab Sample ID: 280-74253-24

Date Sampled: 09/11/2015 1625

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296439	Instrument ID: VMS_H
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: H7412.D
Dilution: 1.0		Initial Weight/Volume: 5 mL
Analysis Date: 09/25/2015 0347	Run Type: DL	Final Weight/Volume: 20 mL
Prep Date: 09/25/2015 0347		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	190		0.40	4.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	90		70 - 127
Toluene-d8 (Surr)	97		80 - 125
4-Bromofluorobenzene (Surr)	89		78 - 120
Dibromofluoromethane (Surr)	97		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0580-3

Lab Sample ID: 280-74253-25

Date Sampled: 09/11/2015 1655

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296439	Instrument ID: VMS_H
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: H7413.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/25/2015 0410		Final Weight/Volume: 20 mL
Prep Date: 09/25/2015 0410		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	3.4		0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	18		0.15	1.0
trans-1,2-Dichloroethene	4.0		0.15	1.0
1,1-Dichloroethene	0.31	J	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0580-3

Lab Sample ID: 280-74253-25

Date Sampled: 09/11/2015 1655

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296439	Instrument ID: VMS_H
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: H7413.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/25/2015 0410		Final Weight/Volume: 20 mL
Prep Date: 09/25/2015 0410		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	45		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94		70 - 127
Toluene-d8 (Surr)	97		80 - 125
4-Bromofluorobenzene (Surr)	87		78 - 120
Dibromofluoromethane (Surr)	97		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0581-1

Lab Sample ID: 280-74253-26

Date Sampled: 09/11/2015 1400

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-296439	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H7414.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2015 0433			Final Weight/Volume:	20 mL
Prep Date:	09/25/2015 0433				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0581-1

Lab Sample ID: 280-74253-26

Date Sampled: 09/11/2015 1400

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296439	Instrument ID: VMS_H
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: H7414.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/25/2015 0433		Final Weight/Volume: 20 mL
Prep Date: 09/25/2015 0433		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94		70 - 127
Toluene-d8 (Surr)	97		80 - 125
4-Bromofluorobenzene (Surr)	92		78 - 120
Dibromofluoromethane (Surr)	101		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0581-2

Lab Sample ID: 280-74253-27

Date Sampled: 09/11/2015 1435

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296439	Instrument ID: VMS_H
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: H7415.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/25/2015 0456		Final Weight/Volume: 20 mL
Prep Date: 09/25/2015 0456		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	17		0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	6.3		0.15	1.0
trans-1,2-Dichloroethene	0.84	J	0.15	1.0
1,1-Dichloroethene	0.69	J	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0581-2

Lab Sample ID: 280-74253-27

Date Sampled: 09/11/2015 1435

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296439	Instrument ID: VMS_H
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: H7415.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/25/2015 0456		Final Weight/Volume: 20 mL
Prep Date: 09/25/2015 0456		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	22		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	92		70 - 127
Toluene-d8 (Surr)	96		80 - 125
4-Bromofluorobenzene (Surr)	91		78 - 120
Dibromofluoromethane (Surr)	98		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0581-3

Lab Sample ID: 280-74253-28

Date Sampled: 09/11/2015 1505

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296439	Instrument ID: VMS_H
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: H7416.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/25/2015 0518		Final Weight/Volume: 20 mL
Prep Date: 09/25/2015 0518		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.70	J	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.46	J	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0581-3

Lab Sample ID: 280-74253-28

Date Sampled: 09/11/2015 1505

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296439	Instrument ID: VMS_H
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: H7416.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/25/2015 0518		Final Weight/Volume: 20 mL
Prep Date: 09/25/2015 0518		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	1.0		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94		70 - 127
Toluene-d8 (Surr)	98		80 - 125
4-Bromofluorobenzene (Surr)	94		78 - 120
Dibromofluoromethane (Surr)	100		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0582-1

Lab Sample ID: 280-74253-29

Date Sampled: 09/11/2015 1255

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296439	Instrument ID: VMS_H
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: H7417.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/25/2015 0541		Final Weight/Volume: 20 mL
Prep Date: 09/25/2015 0541		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0582-1

Lab Sample ID: 280-74253-29

Date Sampled: 09/11/2015 1255

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296439	Instrument ID: VMS_H
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: H7417.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/25/2015 0541		Final Weight/Volume: 20 mL
Prep Date: 09/25/2015 0541		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95		70 - 127
Toluene-d8 (Surr)	102		80 - 125
4-Bromofluorobenzene (Surr)	96		78 - 120
Dibromofluoromethane (Surr)	101		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0582-2

Lab Sample ID: 280-74253-30

Date Sampled: 09/11/2015 1320

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296439	Instrument ID: VMS_H
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: H7418.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/25/2015 0604		Final Weight/Volume: 20 mL
Prep Date: 09/25/2015 0604		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	34		0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.59	J	0.15	1.0
trans-1,2-Dichloroethene	8.3		0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0582-2

Lab Sample ID: 280-74253-30

Date Sampled: 09/11/2015 1320

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296439	Instrument ID: VMS_H
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: H7418.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/25/2015 0604		Final Weight/Volume: 20 mL
Prep Date: 09/25/2015 0604		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	59		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	98		70 - 127
Toluene-d8 (Surr)	101		80 - 125
4-Bromofluorobenzene (Surr)	95		78 - 120
Dibromofluoromethane (Surr)	102		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0582-3

Lab Sample ID: 280-74253-31

Date Sampled: 09/11/2015 1400

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296439	Instrument ID: VMS_H	
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: H7420.D	
Dilution: 1.0		Initial Weight/Volume: 20 mL	
Analysis Date: 09/25/2015 0650		Final Weight/Volume: 20 mL	
Prep Date: 09/25/2015 0650			

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.57	J	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.91	J	0.15	1.0
trans-1,2-Dichloroethene	0.20	J	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0582-3

Lab Sample ID: 280-74253-31

Date Sampled: 09/11/2015 1400

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296439	Instrument ID: VMS_H
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: H7420.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/25/2015 0650		Final Weight/Volume: 20 mL
Prep Date: 09/25/2015 0650		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	3.3		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94		70 - 127
Toluene-d8 (Surr)	99		80 - 125
4-Bromofluorobenzene (Surr)	91		78 - 120
Dibromofluoromethane (Surr)	98		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0583-1

Lab Sample ID: 280-74253-32

Date Sampled: 09/11/2015 1450

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296439	Instrument ID: VMS_H
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: H7421.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/25/2015 0712		Final Weight/Volume: 20 mL
Prep Date: 09/25/2015 0712		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0583-1

Lab Sample ID: 280-74253-32

Date Sampled: 09/11/2015 1450

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296439	Instrument ID: VMS_H
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: H7421.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/25/2015 0712		Final Weight/Volume: 20 mL
Prep Date: 09/25/2015 0712		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	92		70 - 127
Toluene-d8 (Surr)	93		80 - 125
4-Bromofluorobenzene (Surr)	92		78 - 120
Dibromofluoromethane (Surr)	98		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0583-2

Lab Sample ID: 280-74253-33

Date Sampled: 09/11/2015 1515

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296466	Instrument ID: VMS_G2
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: G2_8000.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/25/2015 1437		Final Weight/Volume: 20 mL
Prep Date: 09/25/2015 1437		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	2.9	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	J	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.34	J	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0583-2

Lab Sample ID: 280-74253-33

Date Sampled: 09/11/2015 1515

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296466	Instrument ID: VMS_G2
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: G2_8000.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/25/2015 1437		Final Weight/Volume: 20 mL
Prep Date: 09/25/2015 1437		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	3.7		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	121		70 - 127
Toluene-d8 (Surr)	89		80 - 125
4-Bromofluorobenzene (Surr)	87		78 - 120
Dibromofluoromethane (Surr)	120		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0583-3

Lab Sample ID: 280-74253-34

Date Sampled: 09/11/2015 1540

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296466	Instrument ID: VMS_G2
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: G2_7991.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/25/2015 1144		Final Weight/Volume: 20 mL
Prep Date: 09/25/2015 1144		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	3.3	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0583-3

Lab Sample ID: 280-74253-34

Date Sampled: 09/11/2015 1540

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296466	Instrument ID: VMS_G2
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: G2_7991.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/25/2015 1144		Final Weight/Volume: 20 mL
Prep Date: 09/25/2015 1144		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	133	X	70 - 127
Toluene-d8 (Surr)	106		80 - 125
4-Bromofluorobenzene (Surr)	100		78 - 120
Dibromofluoromethane (Surr)	136	X	77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0584-1

Lab Sample ID: 280-74253-35

Date Sampled: 09/12/2015 1120

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296292	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS2884.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1445		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1445		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	2.4	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U *	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0584-1

Lab Sample ID: 280-74253-35

Date Sampled: 09/12/2015 1120

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296292	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS2884.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1445		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1445		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.14	J	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	116		70 - 127
Toluene-d8 (Surr)	96		80 - 125
4-Bromofluorobenzene (Surr)	101		78 - 120
Dibromofluoromethane (Surr)	108		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0584-2

Lab Sample ID: 280-74253-36

Date Sampled: 09/12/2015 1140

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296292	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS2885.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1506		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1506		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	3.3	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U *	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	J	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	2.5		0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0584-2

Lab Sample ID: 280-74253-36

Date Sampled: 09/12/2015 1140

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296292	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS2885.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1506		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1506		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	34		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	116		70 - 127
Toluene-d8 (Surr)	94		80 - 125
4-Bromofluorobenzene (Surr)	99		78 - 120
Dibromofluoromethane (Surr)	106		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0584-3

Lab Sample ID: 280-74253-37

Date Sampled: 09/12/2015 1210

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296292	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS2886.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1527		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1527		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	4.9	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U *	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	1.0		0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0584-3

Lab Sample ID: 280-74253-37

Date Sampled: 09/12/2015 1210

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296292	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS2886.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1527		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1527		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	23		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	118		70 - 127
Toluene-d8 (Surr)	93		80 - 125
4-Bromofluorobenzene (Surr)	98		78 - 120
Dibromofluoromethane (Surr)	106		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0585-1

Lab Sample ID: 280-74253-38

Date Sampled: 09/12/2015 1055

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296292	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS2887.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1547		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1547		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	4.6	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U *	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	3.9		0.15	1.0
trans-1,2-Dichloroethene	0.24	J	0.15	1.0
1,1-Dichloroethene	0.34	J	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0585-1

Lab Sample ID: 280-74253-38

Date Sampled: 09/12/2015 1055

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296292	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS2887.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1547		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1547		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.23	J	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	1.9		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	119		70 - 127
Toluene-d8 (Surr)	94		80 - 125
4-Bromofluorobenzene (Surr)	102		78 - 120
Dibromofluoromethane (Surr)	107		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0585-2

Lab Sample ID: 280-74253-39

Date Sampled: 09/12/2015 1130

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296292	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS2888.D
Dilution: 1.0		Initial Weight/Volume: 1 mL
Analysis Date: 09/24/2015 1608		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1608		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	48	J	38	200
Benzene	3.2	U	3.2	20
Bromobenzene	3.4	U	3.4	20
Bromochloromethane	2.0	U	2.0	20
Bromodichloromethane	3.4	U	3.4	20
Bromoform	3.8	U	3.8	20
Bromomethane	4.2	U	4.2	20
2-Butanone (MEK)	40	U	40	100
n-Butylbenzene	6.4	U	6.4	20
sec-Butylbenzene	3.4	U	3.4	20
tert-Butylbenzene	3.2	U	3.2	20
Carbon disulfide	9.0	U	9.0	20
Carbon tetrachloride	3.8	U	3.8	20
Chlorobenzene	3.4	U	3.4	20
Dibromochloromethane	3.4	U	3.4	20
Chloroethane	8.2	U	8.2	20
Chloroform	3.2	U	3.2	20
Chloromethane	6.0	U	6.0	20
2-Chlorotoluene	3.4	U	3.4	20
4-Chlorotoluene	4.2	U	4.2	20
1,2-Dibromo-3-Chloropropane	9.4	U *	9.4	20
Dibromomethane	3.4	U	3.4	20
1,2-Dichlorobenzene	3.0	U	3.0	20
1,3-Dichlorobenzene	2.6	U	2.6	20
1,4-Dichlorobenzene	3.2	U	3.2	20
Dichlorodifluoromethane	6.2	U	6.2	20
1,1-Dichloroethane	4.4	U	4.4	20
1,2-Dichloroethane	2.6	U	2.6	20
trans-1,2-Dichloroethene	44		3.0	20
1,1-Dichloroethene	150		4.6	20
1,2-Dichloropropane	3.6	U	3.6	20
1,3-Dichloropropane	4.4	U	4.4	20
2,2-Dichloropropane	3.6	U	3.6	20
cis-1,3-Dichloropropene	3.2	U	3.2	20
trans-1,3-Dichloropropene	3.8	U	3.8	20
1,1-Dichloropropene	3.8	U	3.8	20
Ethylbenzene	3.2	U	3.2	20
Hexachlorobutadiene	7.2	U	7.2	20
2-Hexanone	34	U	34	100
Isopropylbenzene	3.8	U	3.8	20
4-Isopropyltoluene	4.0	U	4.0	20
Methylene Chloride	6.4	U	6.4	20
4-Methyl-2-pentanone	20	U	20	100
Naphthalene	4.4	U	4.4	20
n-Propylbenzene	3.2	U	3.2	20
Styrene	3.4	U	3.4	20

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0585-2

Lab Sample ID: 280-74253-39

Date Sampled: 09/12/2015 1130

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296292	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS2888.D
Dilution: 1.0		Initial Weight/Volume: 1 mL
Analysis Date: 09/24/2015 1608		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1608		

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1,2-Tetrachloroethane	4.2	U	4.2	20
1,1,2,2-Tetrachloroethane	4.2	U	4.2	20
Tetrachloroethene	4.0	U	4.0	20
Toluene	3.4	U	3.4	20
1,2,3-Trichlorobenzene	4.2	U	4.2	20
1,2,4-Trichlorobenzene	4.2	U	4.2	20
1,1,1-Trichloroethane	3.2	U	3.2	20
1,1,2-Trichloroethane	5.4	U	5.4	20
Trichloroethene	30		3.2	20
Trichlorofluoromethane	5.8	U	5.8	20
1,2,3-Trichloropropane	6.6	U	6.6	20
1,2,4-Trimethylbenzene	3.0	U	3.0	20
1,3,5-Trimethylbenzene	3.2	U	3.2	20
Xylenes, Total	3.8	U	3.8	20
1,2-Dibromoethane	3.6	U	3.6	20

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	118		70 - 127
Toluene-d8 (Surr)	97		80 - 125
4-Bromofluorobenzene (Surr)	94		78 - 120
Dibromofluoromethane (Surr)	107		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0585-2

Lab Sample ID: 280-74253-39

Date Sampled: 09/12/2015 1130

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296292	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS2889.D
Dilution: 1.0		Initial Weight/Volume: 0.1 mL
Analysis Date: 09/24/2015 1629	Run Type: DL	Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1629		

Analyte	Result (ug/L)	Qualifier	MDL	RL
cis-1,2-Dichloroethene	3600		30	200
Vinyl chloride	4800		20	200

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	125		70 - 127
Toluene-d8 (Surr)	100		80 - 125
4-Bromofluorobenzene (Surr)	97		78 - 120
Dibromofluoromethane (Surr)	113		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0585-3

Lab Sample ID: 280-74253-40

Date Sampled: 09/12/2015 1410

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296292	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS2890.D
Dilution: 1.0		Initial Weight/Volume: 5 mL
Analysis Date: 09/24/2015 1649		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1649		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	14	J	7.6	40
Benzene	0.64	U	0.64	4.0
Bromobenzene	0.68	U	0.68	4.0
Bromochloromethane	0.40	U	0.40	4.0
Bromodichloromethane	0.68	U	0.68	4.0
Bromoform	0.76	U	0.76	4.0
Bromomethane	0.84	U	0.84	4.0
2-Butanone (MEK)	35		8.0	20
n-Butylbenzene	1.3	U	1.3	4.0
sec-Butylbenzene	0.68	U	0.68	4.0
tert-Butylbenzene	0.64	U	0.64	4.0
Carbon disulfide	1.8	U	1.8	4.0
Carbon tetrachloride	0.76	U	0.76	4.0
Chlorobenzene	0.68	U	0.68	4.0
Dibromochloromethane	0.68	U	0.68	4.0
Chloroethane	1.6	U	1.6	4.0
Chloroform	0.64	U	0.64	4.0
Chloromethane	1.2	U	1.2	4.0
2-Chlorotoluene	0.68	U	0.68	4.0
4-Chlorotoluene	0.84	U	0.84	4.0
1,2-Dibromo-3-Chloropropane	1.9	U *	1.9	4.0
Dibromomethane	0.68	U	0.68	4.0
1,2-Dichlorobenzene	0.60	U	0.60	4.0
1,3-Dichlorobenzene	0.52	U	0.52	4.0
1,4-Dichlorobenzene	0.64	U	0.64	4.0
Dichlorodifluoromethane	1.2	U	1.2	4.0
1,1-Dichloroethane	0.88	U	0.88	4.0
1,2-Dichloroethane	0.52	U	0.52	4.0
cis-1,2-Dichloroethene	19		0.60	4.0
trans-1,2-Dichloroethene	5.7		0.60	4.0
1,1-Dichloroethene	0.92	U	0.92	4.0
1,2-Dichloropropane	0.72	U	0.72	4.0
1,3-Dichloropropane	0.88	U	0.88	4.0
2,2-Dichloropropane	0.72	U	0.72	4.0
cis-1,3-Dichloropropene	0.64	U	0.64	4.0
trans-1,3-Dichloropropene	0.76	U	0.76	4.0
1,1-Dichloropropene	0.76	U	0.76	4.0
Ethylbenzene	0.64	U	0.64	4.0
Hexachlorobutadiene	1.4	U	1.4	4.0
2-Hexanone	6.8	U	6.8	20
Isopropylbenzene	0.76	U	0.76	4.0
4-Isopropyltoluene	0.80	U	0.80	4.0
Methylene Chloride	1.3	U	1.3	4.0
4-Methyl-2-pentanone	3.9	U	3.9	20
Naphthalene	0.88	U	0.88	4.0
n-Propylbenzene	0.64	U	0.64	4.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0585-3

Lab Sample ID: 280-74253-40

Date Sampled: 09/12/2015 1410

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296292	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS2890.D
Dilution: 1.0		Initial Weight/Volume: 5 mL
Analysis Date: 09/24/2015 1649		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1649		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.68	U	0.68	4.0
1,1,1,2-Tetrachloroethane	0.84	U	0.84	4.0
1,1,2,2-Tetrachloroethane	0.84	U	0.84	4.0
Tetrachloroethene	0.80	U	0.80	4.0
Toluene	0.68	U	0.68	4.0
1,2,3-Trichlorobenzene	0.84	U	0.84	4.0
1,2,4-Trichlorobenzene	0.84	U	0.84	4.0
1,1,1-Trichloroethane	0.64	U	0.64	4.0
1,1,2-Trichloroethane	1.1	U	1.1	4.0
Trichloroethene	0.64	U	0.64	4.0
Trichlorofluoromethane	1.2	U	1.2	4.0
1,2,3-Trichloropropane	1.3	U	1.3	4.0
1,2,4-Trimethylbenzene	0.60	U	0.60	4.0
1,3,5-Trimethylbenzene	0.64	U	0.64	4.0
Xylenes, Total	0.76	U	0.76	4.0
1,2-Dibromoethane	0.72	U	0.72	4.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	119		70 - 127
Toluene-d8 (Surr)	96		80 - 125
4-Bromofluorobenzene (Surr)	103		78 - 120
Dibromofluoromethane (Surr)	108		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0585-3

Lab Sample ID: 280-74253-40

Date Sampled: 09/12/2015 1410

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296292	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS2891.D
Dilution: 1.0		Initial Weight/Volume: 0.5 mL
Analysis Date: 09/24/2015 1710	Run Type: DL	Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1710		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	510		4.0	40

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	118		70 - 127
Toluene-d8 (Surr)	95		80 - 125
4-Bromofluorobenzene (Surr)	92		78 - 120
Dibromofluoromethane (Surr)	107		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0587-1

Lab Sample ID: 280-74253-41

Date Sampled: 09/13/2015 0840

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-296465	Instrument ID:	VMS_G
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G8645.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2015 1650			Final Weight/Volume:	20 mL
Prep Date:	09/25/2015 1650				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	4.9	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	8.4		2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.20	J	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0587-1

Lab Sample ID: 280-74253-41

Date Sampled: 09/13/2015 0840

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296465	Instrument ID: VMS_G
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: G8645.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/25/2015 1650		Final Weight/Volume: 20 mL
Prep Date: 09/25/2015 1650		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.43	J	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	100		70 - 127
Toluene-d8 (Surr)	92		80 - 125
4-Bromofluorobenzene (Surr)	95		78 - 120
Dibromofluoromethane (Surr)	92		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0587-2

Lab Sample ID: 280-74253-42

Date Sampled: 09/13/2015 0925

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296303	Instrument ID: VMS_R1	
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: R0497.D	
Dilution: 1.0		Initial Weight/Volume: 10 mL	
Analysis Date: 09/24/2015 1336		Final Weight/Volume: 20 mL	
Prep Date: 09/24/2015 1336			

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	19	J B F1	3.8	20
Benzene	0.96	J	0.32	2.0
Bromobenzene	0.34	U	0.34	2.0
Bromochloromethane	0.20	U	0.20	2.0
Bromodichloromethane	0.34	U	0.34	2.0
Bromoform	0.38	U	0.38	2.0
Bromomethane	0.42	U	0.42	2.0
2-Butanone (MEK)	4.0	U	4.0	10
n-Butylbenzene	0.64	U	0.64	2.0
sec-Butylbenzene	0.34	U	0.34	2.0
tert-Butylbenzene	0.32	U	0.32	2.0
Carbon disulfide	0.90	U	0.90	2.0
Carbon tetrachloride	0.38	U	0.38	2.0
Chlorobenzene	0.34	U	0.34	2.0
Dibromochloromethane	0.34	U	0.34	2.0
Chloroethane	0.82	U F1	0.82	2.0
Chloroform	0.32	U	0.32	2.0
Chloromethane	0.60	U	0.60	2.0
2-Chlorotoluene	0.34	U	0.34	2.0
4-Chlorotoluene	0.42	U	0.42	2.0
1,2-Dibromo-3-Chloropropane	0.94	U	0.94	2.0
Dibromomethane	0.34	U	0.34	2.0
1,2-Dichlorobenzene	0.30	U	0.30	2.0
1,3-Dichlorobenzene	0.26	U	0.26	2.0
1,4-Dichlorobenzene	0.32	U	0.32	2.0
Dichlorodifluoromethane	0.62	U	0.62	2.0
1,1-Dichloroethane	1.8	J F1	0.44	2.0
1,2-Dichloroethane	0.26	U	0.26	2.0
trans-1,2-Dichloroethene	23	F1	0.30	2.0
1,1-Dichloroethene	15	F1	0.46	2.0
1,2-Dichloropropane	0.36	U	0.36	2.0
1,3-Dichloropropane	0.44	U	0.44	2.0
2,2-Dichloropropane	0.36	U	0.36	2.0
cis-1,3-Dichloropropene	0.32	U *	0.32	2.0
trans-1,3-Dichloropropene	0.38	U	0.38	2.0
1,1-Dichloropropene	0.38	U	0.38	2.0
Ethylbenzene	0.32	U	0.32	2.0
Hexachlorobutadiene	0.72	U	0.72	2.0
2-Hexanone	3.4	U	3.4	10
Isopropylbenzene	0.38	U	0.38	2.0
4-Isopropyltoluene	0.40	U	0.40	2.0
Methylene Chloride	0.64	U	0.64	2.0
4-Methyl-2-pentanone	2.0	U	2.0	10
Naphthalene	0.44	U	0.44	2.0
n-Propylbenzene	0.32	U	0.32	2.0
Styrene	0.34	U	0.34	2.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0587-2

Lab Sample ID: 280-74253-42

Date Sampled: 09/13/2015 0925

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296303	Instrument ID: VMS_R1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: R0497.D
Dilution: 1.0		Initial Weight/Volume: 10 mL
Analysis Date: 09/24/2015 1336		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1336		

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1,2-Tetrachloroethane	0.42	U	0.42	2.0
1,1,2,2-Tetrachloroethane	0.42	U	0.42	2.0
Tetrachloroethene	0.40	U	0.40	2.0
Toluene	0.85	J	0.34	2.0
1,2,3-Trichlorobenzene	0.42	U	0.42	2.0
1,2,4-Trichlorobenzene	0.42	U	0.42	2.0
1,1,1-Trichloroethane	0.32	U	0.32	2.0
1,1,2-Trichloroethane	0.54	U	0.54	2.0
Trichloroethene	10		0.32	2.0
Trichlorofluoromethane	0.58	U F1	0.58	2.0
1,2,3-Trichloropropane	0.66	U	0.66	2.0
1,2,4-Trimethylbenzene	0.30	U	0.30	2.0
1,3,5-Trimethylbenzene	0.32	U	0.32	2.0
Xylenes, Total	0.38	U	0.38	2.0
1,2-Dibromoethane	0.36	U	0.36	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	115		70 - 127
Toluene-d8 (Surr)	85		80 - 125
4-Bromofluorobenzene (Surr)	88		78 - 120
Dibromofluoromethane (Surr)	107		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0587-2

Lab Sample ID: 280-74253-42

Date Sampled: 09/13/2015 0925

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296303	Instrument ID: VMS_R1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: R0498.D
Dilution: 1.0		Initial Weight/Volume: 1 mL
Analysis Date: 09/24/2015 1355	Run Type: DL	Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1355		

Analyte	Result (ug/L)	Qualifier	MDL	RL
cis-1,2-Dichloroethene	100		3.0	20
Vinyl chloride	360		2.0	20

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	127		70 - 127
Toluene-d8 (Surr)	98		80 - 125
4-Bromofluorobenzene (Surr)	103		78 - 120
Dibromofluoromethane (Surr)	115		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0587-3

Lab Sample ID: 280-74253-43

Date Sampled: 09/13/2015 1015

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296303	Instrument ID: VMS_R1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: R0501.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1453		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1453		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	16	B	1.9	10
Benzene	0.19	J	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	17		2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.44	J	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	7.9		0.15	1.0
trans-1,2-Dichloroethene	0.43	J	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U *	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0587-3

Lab Sample ID: 280-74253-43

Date Sampled: 09/13/2015 1015

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296303	Instrument ID: VMS_R1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: R0501.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1453		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1453		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.23	J	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	40		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	123		70 - 127
Toluene-d8 (Surr)	94		80 - 125
4-Bromofluorobenzene (Surr)	106		78 - 120
Dibromofluoromethane (Surr)	115		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0588-1

Lab Sample ID: 280-74253-44

Date Sampled: 09/13/2015 0835

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296303	Instrument ID: VMS_R1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: R0502.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1512		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1512		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	2.7	J B	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.20	J	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U *	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0588-1

Lab Sample ID: 280-74253-44

Date Sampled: 09/13/2015 0835

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296303	Instrument ID: VMS_R1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: R0502.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1512		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1512		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	1.5		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	117		70 - 127
Toluene-d8 (Surr)	91		80 - 125
4-Bromofluorobenzene (Surr)	99		78 - 120
Dibromofluoromethane (Surr)	110		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0588-2

Lab Sample ID: 280-74253-45

Date Sampled: 09/13/2015 0930

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296303	Instrument ID: VMS_R1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: R0511.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1827		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1827		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	60	B	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	1.4		0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	4.8		0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U *	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0588-2

Lab Sample ID: 280-74253-45

Date Sampled: 09/13/2015 0930

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296303	Instrument ID: VMS_R1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: R0511.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1827		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1827		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	5.2		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	113		70 - 127
Toluene-d8 (Surr)	100		80 - 125
4-Bromofluorobenzene (Surr)	99		78 - 120
Dibromofluoromethane (Surr)	114		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0588-3

Lab Sample ID: 280-74253-46

Date Sampled: 09/13/2015 0950

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296465	Instrument ID: VMS_G
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: G8646.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/25/2015 1714		Final Weight/Volume: 20 mL
Prep Date: 09/25/2015 1714		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.26	J	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0588-3

Lab Sample ID: 280-74253-46

Date Sampled: 09/13/2015 0950

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296465	Instrument ID: VMS_G
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: G8646.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/25/2015 1714		Final Weight/Volume: 20 mL
Prep Date: 09/25/2015 1714		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	1.4		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	105		70 - 127
Toluene-d8 (Surr)	95		80 - 125
4-Bromofluorobenzene (Surr)	97		78 - 120
Dibromofluoromethane (Surr)	97		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN99-2198

Lab Sample ID: 280-74253-47

Date Sampled: 09/14/2015 1200

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296303	Instrument ID: VMS_R1	
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: R0513.D	
Dilution: 1.0		Initial Weight/Volume: 20 mL	
Analysis Date: 09/24/2015 1914		Final Weight/Volume: 20 mL	
Prep Date: 09/24/2015 1914			

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U *	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN99-2198

Lab Sample ID: 280-74253-47

Date Sampled: 09/14/2015 1200

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296303	Instrument ID: VMS_R1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: R0513.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1914		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1914		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	141	X	70 - 127
Toluene-d8 (Surr)	105		80 - 125
4-Bromofluorobenzene (Surr)	112		78 - 120
Dibromofluoromethane (Surr)	126	X	77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-2451

Lab Sample ID: 280-74253-48

Date Sampled: 09/11/2015 1205

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296465	Instrument ID: VMS_G
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: G8644.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/25/2015 1626		Final Weight/Volume: 20 mL
Prep Date: 09/25/2015 1626		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	2.1	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	18		0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	6.3		0.15	1.0
trans-1,2-Dichloroethene	0.77	J	0.15	1.0
1,1-Dichloroethene	0.63	J	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-2451

Lab Sample ID: 280-74253-48

Date Sampled: 09/11/2015 1205

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296465	Instrument ID: VMS_G
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: G8644.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/25/2015 1626		Final Weight/Volume: 20 mL
Prep Date: 09/25/2015 1626		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	22		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95		70 - 127
Toluene-d8 (Surr)	95		80 - 125
4-Bromofluorobenzene (Surr)	93		78 - 120
Dibromofluoromethane (Surr)	91		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-2452

Lab Sample ID: 280-74253-49

Date Sampled: 09/12/2015 1100

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296292	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS2892.D
Dilution: 1.0		Initial Weight/Volume: 1 mL
Analysis Date: 09/24/2015 1730		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1730		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	50	J	38	200
Benzene	3.2	U	3.2	20
Bromobenzene	3.4	U	3.4	20
Bromochloromethane	2.0	U	2.0	20
Bromodichloromethane	3.4	U	3.4	20
Bromoform	3.8	U	3.8	20
Bromomethane	4.2	U	4.2	20
2-Butanone (MEK)	40	U	40	100
n-Butylbenzene	6.4	U	6.4	20
sec-Butylbenzene	3.4	U	3.4	20
tert-Butylbenzene	3.2	U	3.2	20
Carbon disulfide	9.0	U	9.0	20
Carbon tetrachloride	3.8	U	3.8	20
Chlorobenzene	3.4	U	3.4	20
Dibromochloromethane	3.4	U	3.4	20
Chloroethane	8.2	U	8.2	20
Chloroform	3.2	U	3.2	20
Chloromethane	6.0	U	6.0	20
2-Chlorotoluene	3.4	U	3.4	20
4-Chlorotoluene	4.2	U	4.2	20
1,2-Dibromo-3-Chloropropane	9.4	U *	9.4	20
Dibromomethane	3.4	U	3.4	20
1,2-Dichlorobenzene	3.0	U	3.0	20
1,3-Dichlorobenzene	2.6	U	2.6	20
1,4-Dichlorobenzene	3.2	U	3.2	20
Dichlorodifluoromethane	6.2	U	6.2	20
1,1-Dichloroethane	4.4	U	4.4	20
1,2-Dichloroethane	2.6	U	2.6	20
trans-1,2-Dichloroethene	46		3.0	20
1,1-Dichloroethene	150		4.6	20
1,2-Dichloropropane	3.6	U	3.6	20
1,3-Dichloropropane	4.4	U	4.4	20
2,2-Dichloropropane	3.6	U	3.6	20
cis-1,3-Dichloropropene	3.2	U	3.2	20
trans-1,3-Dichloropropene	3.8	U	3.8	20
1,1-Dichloropropene	3.8	U	3.8	20
Ethylbenzene	3.2	U	3.2	20
Hexachlorobutadiene	7.2	U	7.2	20
2-Hexanone	34	U	34	100
Isopropylbenzene	3.8	U	3.8	20
4-Isopropyltoluene	4.0	U	4.0	20
Methylene Chloride	6.4	U	6.4	20
4-Methyl-2-pentanone	20	U	20	100
Naphthalene	4.4	U	4.4	20
n-Propylbenzene	3.2	U	3.2	20
Styrene	3.4	U	3.4	20

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-2452

Lab Sample ID: 280-74253-49

Date Sampled: 09/12/2015 1100

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296292	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS2892.D
Dilution: 1.0		Initial Weight/Volume: 1 mL
Analysis Date: 09/24/2015 1730		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1730		

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1,2-Tetrachloroethane	4.2	U	4.2	20
1,1,2,2-Tetrachloroethane	4.2	U	4.2	20
Tetrachloroethene	4.0	U	4.0	20
Toluene	3.4	U	3.4	20
1,2,3-Trichlorobenzene	4.2	U	4.2	20
1,2,4-Trichlorobenzene	4.2	U	4.2	20
1,1,1-Trichloroethane	3.2	U	3.2	20
1,1,2-Trichloroethane	5.4	U	5.4	20
Trichloroethene	30		3.2	20
Trichlorofluoromethane	5.8	U	5.8	20
1,2,3-Trichloropropane	6.6	U	6.6	20
1,2,4-Trimethylbenzene	3.0	U	3.0	20
1,3,5-Trimethylbenzene	3.2	U	3.2	20
Xylenes, Total	3.8	U	3.8	20
1,2-Dibromoethane	3.6	U	3.6	20

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	123		70 - 127
Toluene-d8 (Surr)	97		80 - 125
4-Bromofluorobenzene (Surr)	95		78 - 120
Dibromofluoromethane (Surr)	112		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-2452

Lab Sample ID: 280-74253-49

Date Sampled: 09/12/2015 1100

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296292	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS2893.D
Dilution: 1.0		Initial Weight/Volume: 0.1 mL
Analysis Date: 09/24/2015 1751	Run Type: DL	Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1751		

Analyte	Result (ug/L)	Qualifier	MDL	RL
cis-1,2-Dichloroethene	3600		30	200
Vinyl chloride	4800		20	200

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	118		70 - 127
Toluene-d8 (Surr)	97		80 - 125
4-Bromofluorobenzene (Surr)	93		78 - 120
Dibromofluoromethane (Surr)	108		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-2453

Lab Sample ID: 280-74253-50

Date Sampled: 09/12/2015 1200

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296466	Instrument ID: VMS_G2
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: G2_7996.D
Dilution: 1.0		Initial Weight/Volume: 1 mL
Analysis Date: 09/25/2015 1320	Run Type: DL	Final Weight/Volume: 20 mL
Prep Date: 09/25/2015 1320		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	320		2.0	20

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	111		70 - 127
Toluene-d8 (Surr)	89		80 - 125
4-Bromofluorobenzene (Surr)	83		78 - 120
Dibromofluoromethane (Surr)	117		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-2453

Lab Sample ID: 280-74253-50

Date Sampled: 09/12/2015 1200

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296465	Instrument ID: VMS_G
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: G8647.D
Dilution: 1.0		Initial Weight/Volume: 10 mL
Analysis Date: 09/25/2015 1738		Final Weight/Volume: 20 mL
Prep Date: 09/25/2015 1738		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	3.8	U	3.8	20
Benzene	0.32	U	0.32	2.0
Bromobenzene	0.34	U	0.34	2.0
Bromochloromethane	0.20	U	0.20	2.0
Bromodichloromethane	0.34	U	0.34	2.0
Bromoform	0.38	U	0.38	2.0
Bromomethane	0.42	U	0.42	2.0
2-Butanone (MEK)	27		4.0	10
n-Butylbenzene	0.64	U	0.64	2.0
sec-Butylbenzene	0.34	U	0.34	2.0
tert-Butylbenzene	0.32	U	0.32	2.0
Carbon disulfide	0.90	U	0.90	2.0
Carbon tetrachloride	0.38	U	0.38	2.0
Chlorobenzene	0.34	U	0.34	2.0
Dibromochloromethane	0.34	U	0.34	2.0
Chloroethane	0.82	U	0.82	2.0
Chloroform	0.32	U	0.32	2.0
Chloromethane	0.60	U	0.60	2.0
2-Chlorotoluene	0.34	U	0.34	2.0
4-Chlorotoluene	0.42	U	0.42	2.0
1,2-Dibromo-3-Chloropropane	0.94	U	0.94	2.0
Dibromomethane	0.34	U	0.34	2.0
1,2-Dichlorobenzene	0.30	U	0.30	2.0
1,3-Dichlorobenzene	0.26	U	0.26	2.0
1,4-Dichlorobenzene	0.32	U	0.32	2.0
Dichlorodifluoromethane	0.62	U	0.62	2.0
1,1-Dichloroethane	0.44	U	0.44	2.0
1,2-Dichloroethane	0.26	U	0.26	2.0
cis-1,2-Dichloroethene	18		0.30	2.0
trans-1,2-Dichloroethene	5.8		0.30	2.0
1,1-Dichloroethene	0.46	U	0.46	2.0
1,2-Dichloropropane	0.36	U	0.36	2.0
1,3-Dichloropropane	0.44	U	0.44	2.0
2,2-Dichloropropane	0.36	U	0.36	2.0
cis-1,3-Dichloropropene	0.32	U	0.32	2.0
trans-1,3-Dichloropropene	0.38	U	0.38	2.0
1,1-Dichloropropene	0.38	U	0.38	2.0
Ethylbenzene	0.32	U	0.32	2.0
Hexachlorobutadiene	0.72	U	0.72	2.0
2-Hexanone	3.4	U	3.4	10
Isopropylbenzene	0.38	U	0.38	2.0
4-Isopropyltoluene	0.40	U	0.40	2.0
Methylene Chloride	0.67	J B	0.64	2.0
4-Methyl-2-pentanone	2.0	U	2.0	10
Naphthalene	0.44	U	0.44	2.0
n-Propylbenzene	0.32	U	0.32	2.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-2453

Lab Sample ID: 280-74253-50

Date Sampled: 09/12/2015 1200

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296465	Instrument ID: VMS_G
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: G8647.D
Dilution: 1.0		Initial Weight/Volume: 10 mL
Analysis Date: 09/25/2015 1738		Final Weight/Volume: 20 mL
Prep Date: 09/25/2015 1738		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.34	U	0.34	2.0
1,1,1,2-Tetrachloroethane	0.42	U	0.42	2.0
1,1,2,2-Tetrachloroethane	0.42	U	0.42	2.0
Tetrachloroethene	0.40	U	0.40	2.0
Toluene	0.41	J	0.34	2.0
1,2,3-Trichlorobenzene	0.42	U	0.42	2.0
1,2,4-Trichlorobenzene	0.42	U	0.42	2.0
1,1,1-Trichloroethane	0.32	U	0.32	2.0
1,1,2-Trichloroethane	0.54	U	0.54	2.0
Trichloroethene	0.32	U	0.32	2.0
Trichlorofluoromethane	0.58	U	0.58	2.0
1,2,3-Trichloropropane	0.66	U	0.66	2.0
1,2,4-Trimethylbenzene	0.30	U	0.30	2.0
1,3,5-Trimethylbenzene	0.32	U	0.32	2.0
Xylenes, Total	0.38	U	0.38	2.0
1,2-Dibromoethane	0.36	U	0.36	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	100		70 - 127
Toluene-d8 (Surr)	95		80 - 125
4-Bromofluorobenzene (Surr)	97		78 - 120
Dibromofluoromethane (Surr)	94		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-2454

Lab Sample ID: 280-74253-51

Date Sampled: 09/13/2015 0900

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296465	Instrument ID: VMS_G
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: G8650.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/25/2015 1849		Final Weight/Volume: 20 mL
Prep Date: 09/25/2015 1849		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	1.1		0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	1.8		0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
trans-1,2-Dichloroethene	23		0.15	1.0
1,1-Dichloroethene	15		0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0
Styrene	0.17	U	0.17	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-2454

Lab Sample ID: 280-74253-51

Date Sampled: 09/13/2015 0900

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296465	Instrument ID: VMS_G
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: G8650.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/25/2015 1849		Final Weight/Volume: 20 mL
Prep Date: 09/25/2015 1849		

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	1.0		0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	11		0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	110		70 - 127
Toluene-d8 (Surr)	91		80 - 125
4-Bromofluorobenzene (Surr)	95		78 - 120
Dibromofluoromethane (Surr)	97		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-2454

Lab Sample ID: 280-74253-51

Date Sampled: 09/13/2015 0900

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296465	Instrument ID: VMS_G
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: G8651.D
Dilution: 1.0		Initial Weight/Volume: 2 mL
Analysis Date: 09/25/2015 1913	Run Type: DL	Final Weight/Volume: 20 mL
Prep Date: 09/25/2015 1913		

Analyte	Result (ug/L)	Qualifier	MDL	RL
cis-1,2-Dichloroethene	140		1.5	10
Vinyl chloride	340		1.0	10

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	102		70 - 127
Toluene-d8 (Surr)	97		80 - 125
4-Bromofluorobenzene (Surr)	94		78 - 120
Dibromofluoromethane (Surr)	96		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN99-2689

Lab Sample ID: 280-74253-52

Date Sampled: 09/11/2015 1200

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296466	Instrument ID: VMS_G2
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: G2_7999.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/25/2015 1417		Final Weight/Volume: 20 mL
Prep Date: 09/25/2015 1417		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN99-2689

Lab Sample ID: 280-74253-52

Date Sampled: 09/11/2015 1200

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296466	Instrument ID: VMS_G2
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: G2_7999.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/25/2015 1417		Final Weight/Volume: 20 mL
Prep Date: 09/25/2015 1417		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	122		70 - 127
Toluene-d8 (Surr)	95		80 - 125
4-Bromofluorobenzene (Surr)	91		78 - 120
Dibromofluoromethane (Surr)	125	X	77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-S73D

Lab Sample ID: 280-74253-53

Date Sampled: 09/11/2015 1045

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296292	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS2894.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1812		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1812		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	4.3	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U *	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.45	J	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.62	J	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-S73D

Lab Sample ID: 280-74253-53

Date Sampled: 09/11/2015 1045

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296292	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS2894.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1812		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1812		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	4.4		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	124		70 - 127
Toluene-d8 (Surr)	95		80 - 125
4-Bromofluorobenzene (Surr)	94		78 - 120
Dibromofluoromethane (Surr)	109		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0524

Lab Sample ID: 280-74253-1

Date Sampled: 09/12/2015 0915

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method: 8260B SIM	Analysis Batch: 280-295463	Instrument ID: VMS_E
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: E02489.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/18/2015 0929		Final Weight/Volume: 20 mL
Prep Date: 09/18/2015 0929		

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	1.4		0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	94		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0525

Lab Sample ID: 280-74253-2

Date Sampled: 09/12/2015 1020

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-295463	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E02488.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/18/2015 0910			Final Weight/Volume:	20 mL
Prep Date:	09/18/2015 0910				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	3.4		0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	95		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0561-1

Lab Sample ID: 280-74253-3

Date Sampled: 09/12/2015 0915

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method: 8260B SIM	Analysis Batch: 280-295463	Instrument ID: VMS_E
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: E02487.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/18/2015 0852		Final Weight/Volume: 20 mL
Prep Date: 09/18/2015 0852		

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.22	U	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	98		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0561-2

Lab Sample ID: 280-74253-4

Date Sampled: 09/12/2015 0940

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-295463	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E02486.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/18/2015 0833			Final Weight/Volume:	20 mL
Prep Date:	09/18/2015 0833				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.22	U	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	93		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0561-3

Lab Sample ID: 280-74253-5

Date Sampled: 09/12/2015 1040

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-295743	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E0309.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/21/2015 0912			Final Weight/Volume:	20 mL
Prep Date:	09/21/2015 0912				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.60	J	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	81		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0565-1

Lab Sample ID: 280-74253-6

Date Sampled: 09/14/2015 1540

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-295743	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E0310.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/21/2015 0930			Final Weight/Volume:	20 mL
Prep Date:	09/21/2015 0930				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.22	U	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	84		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0565-2

Lab Sample ID: 280-74253-7

Date Sampled: 09/14/2015 1600

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-295743	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E0313.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/21/2015 1027			Final Weight/Volume:	20 mL
Prep Date:	09/21/2015 1027				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	1.7		0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	81		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0565-3

Lab Sample ID: 280-74253-8

Date Sampled: 09/14/2015 1625

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method: 8260B SIM	Analysis Batch: 280-295743	Instrument ID: VMS_E
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: E0314.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/21/2015 1046		Final Weight/Volume: 20 mL
Prep Date: 09/21/2015 1046		

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.42	J	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	84		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0574-1

Lab Sample ID: 280-74253-9

Date Sampled: 09/14/2015 1420

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method: 8260B SIM	Analysis Batch: 280-295743	Instrument ID: VMS_E
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: E0315.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/21/2015 1104		Final Weight/Volume: 20 mL
Prep Date: 09/21/2015 1104		

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	1.1		0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	83		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0574-2

Lab Sample ID: 280-74253-10

Date Sampled: 09/14/2015 1445

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-295743	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E0316.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/21/2015 1123			Final Weight/Volume:	20 mL
Prep Date:	09/21/2015 1123				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	1.5		0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	80		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0574-3

Lab Sample ID: 280-74253-11

Date Sampled: 09/14/2015 1510

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-295743	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E0317.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/21/2015 1142			Final Weight/Volume:	20 mL
Prep Date:	09/21/2015 1142				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.49	J	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	86		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0575-1

Lab Sample ID: 280-74253-12

Date Sampled: 09/14/2015 0925

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method: 8260B SIM	Analysis Batch: 280-295743	Instrument ID: VMS_E
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: E0318.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/21/2015 1200		Final Weight/Volume: 20 mL
Prep Date: 09/21/2015 1200		

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	1.3		0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	86		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0575-2

Lab Sample ID: 280-74253-13

Date Sampled: 09/14/2015 1350

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-295743	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E0319.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/21/2015 1219			Final Weight/Volume:	20 mL
Prep Date:	09/21/2015 1219				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.22	U	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	82		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0576-1

Lab Sample ID: 280-74253-14

Date Sampled: 09/12/2015 1510

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method: 8260B SIM	Analysis Batch: 280-295920	Instrument ID: VMS_E
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: E0342.D
Dilution: 1.0		Initial Weight/Volume: 5 mL
Analysis Date: 09/22/2015 1203		Final Weight/Volume: 20 mL
Prep Date: 09/22/2015 1203		

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	64	B	0.88	4.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	85		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0576-2

Lab Sample ID: 280-74253-15

Date Sampled: 09/12/2015 1530

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-295920	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E0343.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	09/22/2015 1221			Final Weight/Volume:	20 mL
Prep Date:	09/22/2015 1221				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	19	B	0.44	2.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	87		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0576-3

Lab Sample ID: 280-74253-16

Date Sampled: 09/12/2015 1555

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-295920	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E0344.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/22/2015 1240			Final Weight/Volume:	20 mL
Prep Date:	09/22/2015 1240				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.22	U	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	98		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0577-2

Lab Sample ID: 280-74253-18

Date Sampled: 09/12/2015 1430

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-295920	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E0334.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/22/2015 0927			Final Weight/Volume:	20 mL
Prep Date:	09/22/2015 0927				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.39	J B	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	90		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0577-3

Lab Sample ID: 280-74253-19

Date Sampled: 09/12/2015 1450

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method: 8260B SIM	Analysis Batch: 280-295920	Instrument ID: VMS_E
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: E0335.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/22/2015 0946		Final Weight/Volume: 20 mL
Prep Date: 09/22/2015 0946		

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.44	J B	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	107		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0579-1

Lab Sample ID: 280-74253-20

Date Sampled: 09/12/2015 1515

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method: 8260B SIM	Analysis Batch: 280-295920	Instrument ID: VMS_E
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: E0336.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/22/2015 1004		Final Weight/Volume: 20 mL
Prep Date: 09/22/2015 1004		

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.22	U	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	101		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0579-2

Lab Sample ID: 280-74253-21

Date Sampled: 09/12/2015 1535

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-295920	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E0337.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/22/2015 1022			Final Weight/Volume:	20 mL
Prep Date:	09/22/2015 1022				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.54	J B	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	101		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0579-3

Lab Sample ID: 280-74253-22

Date Sampled: 09/12/2015 1600

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-295920	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E0338.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/22/2015 1041			Final Weight/Volume:	20 mL
Prep Date:	09/22/2015 1041				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.37	J B	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	102		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0580-1

Lab Sample ID: 280-74253-23

Date Sampled: 09/11/2015 1555

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-295463	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E02493.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/18/2015 1043			Final Weight/Volume:	20 mL
Prep Date:	09/18/2015 1043				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.22	U	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	90		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0580-2

Lab Sample ID: 280-74253-24

Date Sampled: 09/11/2015 1625

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method: 8260B SIM	Analysis Batch: 280-295273	Instrument ID: VMS_E
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: E0262.D
Dilution: 1.0		Initial Weight/Volume: 1 mL
Analysis Date: 09/17/2015 1247		Final Weight/Volume: 20 mL
Prep Date: 09/17/2015 1247		

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	160		4.4	20
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	100		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0580-3

Lab Sample ID: 280-74253-25

Date Sampled: 09/11/2015 1655

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-295463	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E02494.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	09/18/2015 1102			Final Weight/Volume:	20 mL
Prep Date:	09/18/2015 1102				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	39		0.88	4.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	98		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0581-1

Lab Sample ID: 280-74253-26

Date Sampled: 09/11/2015 1400

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-295463	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E02495.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/18/2015 1120			Final Weight/Volume:	20 mL
Prep Date:	09/18/2015 1120				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.22	U	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	97		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0581-2

Lab Sample ID: 280-74253-27

Date Sampled: 09/11/2015 1435

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-295463	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E02496.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	09/18/2015 1139			Final Weight/Volume:	20 mL
Prep Date:	09/18/2015 1139				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	34		0.44	2.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	95		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0581-3

Lab Sample ID: 280-74253-28

Date Sampled: 09/11/2015 1505

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method: 8260B SIM	Analysis Batch: 280-295463	Instrument ID: VMS_E
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: E02497.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/18/2015 1157		Final Weight/Volume: 20 mL
Prep Date: 09/18/2015 1157		

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	1.9		0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	97		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0582-1

Lab Sample ID: 280-74253-29

Date Sampled: 09/11/2015 1255

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-295463	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E02498.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/18/2015 1216			Final Weight/Volume:	20 mL
Prep Date:	09/18/2015 1216				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.22	U	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	96		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0582-2

Lab Sample ID: 280-74253-30

Date Sampled: 09/11/2015 1320

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-295273	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E0268.D
Dilution:	1.0			Initial Weight/Volume:	1 mL
Analysis Date:	09/17/2015 1437			Final Weight/Volume:	20 mL
Prep Date:	09/17/2015 1437				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	350		4.4	20
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	104		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0582-3

Lab Sample ID: 280-74253-31

Date Sampled: 09/11/2015 1400

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method: 8260B SIM	Analysis Batch: 280-295463	Instrument ID: VMS_E
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: E02499.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/18/2015 1234		Final Weight/Volume: 20 mL
Prep Date: 09/18/2015 1234		

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	2.9		0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	102		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0583-1

Lab Sample ID: 280-74253-32

Date Sampled: 09/11/2015 1450

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-295463	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E02500.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/18/2015 1253			Final Weight/Volume:	20 mL
Prep Date:	09/18/2015 1253				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.22	U	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	97		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0583-2

Lab Sample ID: 280-74253-33

Date Sampled: 09/11/2015 1515

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method: 8260B SIM	Analysis Batch: 280-295463	Instrument ID: VMS_E
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: E02501.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/18/2015 1311		Final Weight/Volume: 20 mL
Prep Date: 09/18/2015 1311		

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	2.2		0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	100		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0583-3

Lab Sample ID: 280-74253-34

Date Sampled: 09/11/2015 1540

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-295463	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E02502.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/18/2015 1330			Final Weight/Volume:	20 mL
Prep Date:	09/18/2015 1330				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.22	U	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	101		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0584-1

Lab Sample ID: 280-74253-35

Date Sampled: 09/12/2015 1120

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-295463	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E02503.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/18/2015 1349			Final Weight/Volume:	20 mL
Prep Date:	09/18/2015 1349				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.80	J	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	94		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0584-2

Lab Sample ID: 280-74253-36

Date Sampled: 09/12/2015 1140

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-295463	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E02504.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/18/2015 1407			Final Weight/Volume:	20 mL
Prep Date:	09/18/2015 1407				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.22	U	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	101		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0584-3

Lab Sample ID: 280-74253-37

Date Sampled: 09/12/2015 1210

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-295463	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E02505.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/18/2015 1425			Final Weight/Volume:	20 mL
Prep Date:	09/18/2015 1425				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.33	J	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	96		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0585-1

Lab Sample ID: 280-74253-38

Date Sampled: 09/12/2015 1055

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-295920	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E0345.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/22/2015 1258			Final Weight/Volume:	20 mL
Prep Date:	09/22/2015 1258				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	4.2	B	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	93		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0585-2

Lab Sample ID: 280-74253-39

Date Sampled: 09/12/2015 1130

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-295920	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E0346.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/22/2015 1316			Final Weight/Volume:	20 mL
Prep Date:	09/22/2015 1316				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	5.9	B	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	92		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0585-3

Lab Sample ID: 280-74253-40

Date Sampled: 09/12/2015 1410

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-295920	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E0347.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/22/2015 1335			Final Weight/Volume:	20 mL
Prep Date:	09/22/2015 1335				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	2.4	B	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	95		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0587-1

Lab Sample ID: 280-74253-41

Date Sampled: 09/13/2015 0840

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method: 8260B SIM	Analysis Batch: 280-295920	Instrument ID: VMS_E
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: E0348.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/22/2015 1353		Final Weight/Volume: 20 mL
Prep Date: 09/22/2015 1353		

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.22	U	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	92		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0587-2

Lab Sample ID: 280-74253-42

Date Sampled: 09/13/2015 0925

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-295920	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E0349.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/22/2015 1411			Final Weight/Volume:	20 mL
Prep Date:	09/22/2015 1411				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	7.5	B	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	98		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0587-3

Lab Sample ID: 280-74253-43

Date Sampled: 09/13/2015 1015

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-295920	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E0350.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/22/2015 1430			Final Weight/Volume:	20 mL
Prep Date:	09/22/2015 1430				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	3.0	B	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	91		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0588-1

Lab Sample ID: 280-74253-44

Date Sampled: 09/13/2015 0835

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-295920	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E0351.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/22/2015 1448			Final Weight/Volume:	20 mL
Prep Date:	09/22/2015 1448				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	1.5	B	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	95		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0588-2

Lab Sample ID: 280-74253-45

Date Sampled: 09/13/2015 0930

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method: 8260B SIM	Analysis Batch: 280-295920	Instrument ID: VMS_E
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: E0352.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/22/2015 1507		Final Weight/Volume: 20 mL
Prep Date: 09/22/2015 1507		

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	6.5	B	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	96		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-0588-3

Lab Sample ID: 280-74253-46

Date Sampled: 09/13/2015 0950

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method: 8260B SIM	Analysis Batch: 280-295920	Instrument ID: VMS_E
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: E0353.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/22/2015 1526		Final Weight/Volume: 20 mL
Prep Date: 09/22/2015 1526		

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.75	J B	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	95		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-2451

Lab Sample ID: 280-74253-48

Date Sampled: 09/11/2015 1205

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-295463	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E02506.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	09/18/2015 1444			Final Weight/Volume:	20 mL
Prep Date:	09/18/2015 1444				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	42		0.88	4.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	97		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-2452

Lab Sample ID: 280-74253-49

Date Sampled: 09/12/2015 1100

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-295920	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E0354.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/22/2015 1544			Final Weight/Volume:	20 mL
Prep Date:	09/22/2015 1544				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	7.3	B	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	95		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-2453

Lab Sample ID: 280-74253-50

Date Sampled: 09/12/2015 1200

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-295920	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E0355.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/22/2015 1603			Final Weight/Volume:	20 mL
Prep Date:	09/22/2015 1603				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	3.4	B	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	93		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-2454

Lab Sample ID: 280-74253-51

Date Sampled: 09/13/2015 0900

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-295920	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E0356.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/22/2015 1622			Final Weight/Volume:	20 mL
Prep Date:	09/22/2015 1622				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.22	U	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	102		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Client Sample ID: PIN12-S73D

Lab Sample ID: 280-74253-53

Date Sampled: 09/11/2015 1045

Client Matrix: Water

Date Received: 09/16/2015 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-295463	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E02507.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	09/18/2015 1502			Final Weight/Volume:	20 mL
Prep Date:	09/18/2015 1502				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	9.7		0.44	2.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	95		70 - 127	

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DBFM %Rec	DCA %Rec	TOL %Rec	BFB %Rec
280-74253-1	PIN12-0524	110	123	100	103
280-74253-1 DL	PIN12-0524 DL	115	122	97	96
280-74253-2	PIN12-0525	106	117	96	103
280-74253-3	PIN12-0561-1	104	113	97	103
280-74253-4	PIN12-0561-2	114	126	101	101
280-74253-5	PIN12-0561-3	100	107	96	100
280-74253-6	PIN12-0565-1	94	99	102	102
280-74253-7	PIN12-0565-2	102	112	107	106
280-74253-8	PIN12-0565-3	114	119	97	97
280-74253-9	PIN12-0574-1	111	119	99	98
280-74253-10	PIN12-0574-2	110	115	89	90
280-74253-10 DL	PIN12-0574-2 DL	112	120	101	106
280-74253-11	PIN12-0574-3	120	107	102	96
280-74253-12	PIN12-0575-1	121X	128X	94	99
280-74253-13	PIN12-0575-2	114	107	94	89
280-74253-14	PIN12-0576-1	103	112	95	94
280-74253-15	PIN12-0576-2	106	112	93	96
280-74253-16	PIN12-0576-3	107	116	95	98
280-74253-17	PIN12-0577-1	107	117	95	100
280-74253-18	PIN12-0577-2	106	114	97	101
280-74253-19	PIN12-0577-3	107	118	96	101
280-74253-20	PIN12-0579-1	108	118	93	101
280-74253-21	PIN12-0579-2	107	115	95	100
280-74253-22	PIN12-0579-3	107	118	96	100
280-74253-23	PIN12-0580-1	99	92	100	91
280-74253-24	PIN12-0580-2	101	96	101	95
280-74253-24 DL	PIN12-0580-2 DL	97	90	97	89
280-74253-25	PIN12-0580-3	97	94	97	87
280-74253-26	PIN12-0581-1	101	94	97	92

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane (Surr)	77-120
DCA = 1,2-Dichloroethane-d4 (Surr)	70-127
TOL = Toluene-d8 (Surr)	80-125
BFB = 4-Bromofluorobenzene (Surr)	78-120

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74253-1
Sdg Number: 15087320

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DBFM %Rec	DCA %Rec	TOL %Rec	BFB %Rec
280-74253-27	PIN12-0581-2	98	92	96	91
280-74253-28	PIN12-0581-3	100	94	98	94
280-74253-29	PIN12-0582-1	101	95	102	96
280-74253-30	PIN12-0582-2	102	98	101	95
280-74253-31	PIN12-0582-3	98	94	99	91
280-74253-32	PIN12-0583-1	98	92	93	92
280-74253-33	PIN12-0583-2	120	121	89	87
280-74253-34	PIN12-0583-3	136X	133X	106	100
280-74253-35	PIN12-0584-1	108	116	96	101
280-74253-36	PIN12-0584-2	106	116	94	99
280-74253-37	PIN12-0584-3	106	118	93	98
280-74253-38	PIN12-0585-1	107	119	94	102
280-74253-39	PIN12-0585-2	107	118	97	94
280-74253-39 DL	PIN12-0585-2 DL	113	125	100	97
280-74253-40	PIN12-0585-3	108	119	96	103
280-74253-40 DL	PIN12-0585-3 DL	107	118	95	92
280-74253-41	PIN12-0587-1	92	100	92	95
280-74253-42	PIN12-0587-2	107	115	85	88
280-74253-42 DL	PIN12-0587-2 DL	115	127	98	103
280-74253-43	PIN12-0587-3	115	123	94	106
280-74253-44	PIN12-0588-1	110	117	91	99
280-74253-45	PIN12-0588-2	114	113	100	99
280-74253-46	PIN12-0588-3	97	105	95	97
280-74253-47	PIN99-2198	126X	141X	105	112
280-74253-48	PIN12-2451	91	95	95	93
280-74253-49	PIN12-2452	112	123	97	95
280-74253-49 DL	PIN12-2452 DL	108	118	97	93
280-74253-50	PIN12-2453	94	100	95	97
280-74253-50 DL	PIN12-2453 DL	117	111	89	83
280-74253-51	PIN12-2454	97	110	91	95

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane (Surr)	77-120
DCA = 1,2-Dichloroethane-d4 (Surr)	70-127
TOL = Toluene-d8 (Surr)	80-125
BFB = 4-Bromofluorobenzene (Surr)	78-120

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DBFM %Rec	DCA %Rec	TOL %Rec	BFB %Rec
280-74253-51 DL	PIN12-2454 DL	96	102	97	94
280-74253-52	PIN99-2689	125X	122	95	91
280-74253-53	PIN12-S73D	109	124	95	94
MB 280-296162/6		110	116	94	93
MB 280-296292/6		102	103	95	96
MB 280-296303/5		106	111	93	89
MB 280-296439/6		101	94	100	93
MB 280-296465/5		90	93	94	92
MB 280-296466/5		119	109	100	89
LCS 280-296162/4		111	116	98	94
LCS 280-296292/4		103	107	96	95
LCS 280-296303/4		92	103	86	82
LCS 280-296439/4		102	101	108	100
LCS 280-296465/4		93	97	93	92
LCS 280-296466/4		118	108	96	89
LCSD 280-296162/5		108	117	97	93
LCSD 280-296292/5		99	102	93	92
280-74253-3 MS	PIN12-0561-1 MS	103	108	94	92
280-74253-42 MS	PIN12-0587-2 MS	112	126	97	90
280-74253-50 MS	PIN12-2453 MS	95	105	93	94
280-74108-AL-9 MS		107	116	91	91
280-74230-B-1 MS		98	94	108	95
280-74268-F-1 MS		135X	134X	101	94
280-74253-3 MSD	PIN12-0561-1 MSD	105	109	89	94
280-74253-42 MSD	PIN12-0587-2 MSD	115	128X	98	93
280-74253-50 MSD	PIN12-2453 MSD	94	103	92	93
280-74108-AL-9 MSD		107	116	94	92
280-74230-B-1 MSD		99	96	107	94
280-74268-F-1 MSD		118	114	88	83

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane (Surr)	77-120
DCA = 1,2-Dichloroethane-d4 (Surr)	70-127
TOL = Toluene-d8 (Surr)	80-125
BFB = 4-Bromofluorobenzene (Surr)	78-120

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Surrogate Recovery Report

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCA %Rec
280-74253-1	PIN12-0524	94
280-74253-2	PIN12-0525	95
280-74253-3	PIN12-0561-1	98
280-74253-4	PIN12-0561-2	93
280-74253-5	PIN12-0561-3	81
280-74253-6	PIN12-0565-1	84
280-74253-7	PIN12-0565-2	81
280-74253-8	PIN12-0565-3	84
280-74253-9	PIN12-0574-1	83
280-74253-10	PIN12-0574-2	80
280-74253-11	PIN12-0574-3	86
280-74253-12	PIN12-0575-1	86
280-74253-13	PIN12-0575-2	82
280-74253-14	PIN12-0576-1	85
280-74253-15	PIN12-0576-2	87
280-74253-16	PIN12-0576-3	98
280-74253-18	PIN12-0577-2	90
280-74253-19	PIN12-0577-3	107
280-74253-20	PIN12-0579-1	101
280-74253-21	PIN12-0579-2	101
280-74253-22	PIN12-0579-3	102
280-74253-23	PIN12-0580-1	90
280-74253-24	PIN12-0580-2	100
280-74253-25	PIN12-0580-3	98
280-74253-26	PIN12-0581-1	97
280-74253-27	PIN12-0581-2	95
280-74253-28	PIN12-0581-3	97
280-74253-29	PIN12-0582-1	96
280-74253-30	PIN12-0582-2	104

Surrogate

Acceptance Limits

DCA = 1,2-Dichloroethane-d4 (Surr)

70-127

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Surrogate Recovery Report

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCA %Rec
280-74253-31	PIN12-0582-3	102
280-74253-32	PIN12-0583-1	97
280-74253-33	PIN12-0583-2	100
280-74253-34	PIN12-0583-3	101
280-74253-35	PIN12-0584-1	94
280-74253-36	PIN12-0584-2	101
280-74253-37	PIN12-0584-3	96
280-74253-38	PIN12-0585-1	93
280-74253-39	PIN12-0585-2	92
280-74253-40	PIN12-0585-3	95
280-74253-41	PIN12-0587-1	92
280-74253-42	PIN12-0587-2	98
280-74253-43	PIN12-0587-3	91
280-74253-44	PIN12-0588-1	95
280-74253-45	PIN12-0588-2	96
280-74253-46	PIN12-0588-3	95
280-74253-48	PIN12-2451	97
280-74253-49	PIN12-2452	95
280-74253-50	PIN12-2453	93
280-74253-51	PIN12-2454	102
280-74253-53	PIN12-S73D	95
MB 280-295273/14		101
MB 280-295463/5		93
MB 280-295743/5		80
MB 280-295920/5		97
LCS 280-295273/12		106
LCS 280-295463/3		91
LCS 280-295743/3		81
LCS 280-295920/3		99
LCSD 280-295273/13		105

Surrogate

Acceptance Limits

DCA = 1,2-Dichloroethane-d4 (Surr)

70-127

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Surrogate Recovery Report

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCA %Rec
280-74253-4 MS	PIN12-0561-2 MS	98
280-74253-5 MS	PIN12-0561-3 MS	85
280-74253-18 MS	PIN12-0577-2 MS	101
280-74205-M-2 MS		111
280-74253-4 MSD	PIN12-0561-2 MSD	94
280-74253-5 MSD	PIN12-0561-3 MSD	82
280-74253-18 MSD	PIN12-0577-2 MSD	102
280-74205-M-2 MSD		107

Surrogate

Acceptance Limits

DCA = 1,2-Dichloroethane-d4 (Surr)

70-127

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Method Blank - Batch: 280-296162

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 280-296162/6
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 09/23/2015 1103
 Prep Date: 09/23/2015 1103
 Leach Date: N/A

Analysis Batch: 280-296162
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VMS_R1
 Lab File ID: R0448.D
 Initial Weight/Volume: 20 mL
 Final Weight/Volume: 20 mL

Analyte	Result	Qual	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Method Blank - Batch: 280-296162

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 280-296162/6
Client Matrix: Water
Dilution: 1.0
Analysis Date: 09/23/2015 1103
Prep Date: 09/23/2015 1103
Leach Date: N/A

Analysis Batch: 280-296162
Prep Batch: N/A
Leach Batch: N/A
Units: ug/L

Instrument ID: VMS_R1
Lab File ID: R0448.D
Initial Weight/Volume: 20 mL
Final Weight/Volume: 20 mL

Analyte	Result	Qual	MDL	RL
n-Propylbenzene	0.16	U	0.16	1.0
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	116	70 - 127
Toluene-d8 (Surr)	94	80 - 125
4-Bromofluorobenzene (Surr)	93	78 - 120
Dibromofluoromethane (Surr)	110	77 - 120

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Lab Control Sample/

Method: 8260B

Lab Control Sample Duplicate Recovery Report - Batch: 280-296162

Preparation: 5030B

LCS Lab Sample ID: LCS 280-296162/4	Analysis Batch: 280-296162	Instrument ID: VMS_R1
Client Matrix: Water	Prep Batch: N/A	Lab File ID: R0447.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 09/23/2015 1043	Units: ug/L	Final Weight/Volume: 20 mL
Prep Date: 09/23/2015 1043		20 mL
Leach Date: N/A		

LCSD Lab Sample ID: LCSD 280-296162/5	Analysis Batch: 280-296162	Instrument ID: VMS_R1
Client Matrix: Water	Prep Batch: N/A	Lab File ID: R0450.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 09/23/2015 1157	Units: ug/L	Final Weight/Volume: 20 mL
Prep Date: 09/23/2015 1157		20 mL
Leach Date: N/A		

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Benzene	94	91	65 - 135	3	20		
Bromodichloromethane	91	93	65 - 135	2	20		
Carbon tetrachloride	117	112	65 - 135	5	21		
Chlorobenzene	88	87	65 - 135	1	20		
Chloroform	106	102	65 - 135	3	20		
1,3-Dichlorobenzene	87	84	65 - 135	4	20		
1,1-Dichloroethane	106	101	65 - 135	4	21		
trans-1,2-Dichloroethene	101	96	65 - 135	5	24		
1,1-Dichloroethene	93	89	65 - 136	5	20		
1,2-Dichloropropane	91	92	64 - 135	1	20		
Ethylbenzene	86	83	65 - 135	3	20		
Methylene Chloride	108	103	54 - 141	5	26		
Tetrachloroethene	90	88	65 - 135	2	20		
Toluene	94	99	65 - 135	5	20		
1,1,1-Trichloroethane	110	104	65 - 135	6	20		
Trichloroethene	94	94	65 - 135	0	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	116	117	70 - 127
Toluene-d8 (Surr)	98	97	80 - 125
4-Bromofluorobenzene (Surr)	94	93	78 - 120
Dibromofluoromethane (Surr)	111	108	77 - 120

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

**Laboratory Control/
Laboratory Duplicate Data Report - Batch: 280-296162**

**Method: 8260B
Preparation: 5030B**

LCS Lab Sample ID: LCS 280-296162/4 Units: ug/L
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 09/23/2015 1043
 Prep Date: 09/23/2015 1043
 Leach Date: N/A

LCSD Lab Sample ID: LCSD 280-296162/5
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 09/23/2015 1157
 Prep Date: 09/23/2015 1157
 Leach Date: N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Benzene	5.00	5.00	4.68	4.56
Bromodichloromethane	5.00	5.00	4.56	4.64
Carbon tetrachloride	5.00	5.00	5.86	5.59
Chlorobenzene	5.00	5.00	4.42	4.37
Chloroform	5.00	5.00	5.28	5.12
1,3-Dichlorobenzene	5.00	5.00	4.33	4.18
1,1-Dichloroethane	5.00	5.00	5.28	5.05
trans-1,2-Dichloroethene	5.00	5.00	5.04	4.78
1,1-Dichloroethene	5.00	5.00	4.67	4.43
1,2-Dichloropropane	5.00	5.00	4.57	4.60
Ethylbenzene	5.00	5.00	4.30	4.16
Methylene Chloride	5.00	5.00	5.39	5.13
Tetrachloroethene	5.00	5.00	4.50	4.40
Toluene	5.00	5.00	4.68	4.93
1,1,1-Trichloroethane	5.00	5.00	5.52	5.22
Trichloroethene	5.00	5.00	4.71	4.71

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-296162**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID: 280-74108-AL-9 MS	Analysis Batch: 280-296162	Instrument ID: VMS_R1
Client Matrix: Water	Prep Batch: N/A	Lab File ID: R0453.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 09/23/2015 1315		Final Weight/Volume: 20 mL
Prep Date: 09/23/2015 1315		20 mL
Leach Date: N/A		

MSD Lab Sample ID: 280-74108-AL-9 MSD	Analysis Batch: 280-296162	Instrument ID: VMS_R1
Client Matrix: Water	Prep Batch: N/A	Lab File ID: R0454.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 09/23/2015 1335		Final Weight/Volume: 20 mL
Prep Date: 09/23/2015 1335		20 mL
Leach Date: N/A		

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Benzene	88	94	65 - 135	6	20		
Bromodichloromethane	90	96	65 - 135	7	20		
Carbon tetrachloride	108	110	65 - 135	2	21		
Chlorobenzene	83	89	65 - 135	7	20		
Chloroform	102	107	65 - 135	5	20		
1,3-Dichlorobenzene	80	87	65 - 135	8	20		
1,1-Dichloroethane	102	106	65 - 135	5	21		
trans-1,2-Dichloroethene	92	100	65 - 135	8	24		
1,1-Dichloroethene	83	90	65 - 136	8	20		
1,2-Dichloropropane	89	95	64 - 135	6	20		
Ethylbenzene	79	84	65 - 135	6	20		
Methylene Chloride	93	104	54 - 141	11	26		
Tetrachloroethene	80	88	65 - 135	9	20		
Toluene	91	95	65 - 135	4	20		
1,1,1-Trichloroethane	101	104	65 - 135	3	20		
Trichloroethene	90	94	65 - 135	4	20		
Surrogate		MS % Rec	MSD % Rec			Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		116	116			70 - 127	
Toluene-d8 (Surr)		91	94			80 - 125	
4-Bromofluorobenzene (Surr)		91	92			78 - 120	
Dibromofluoromethane (Surr)		107	107			77 - 120	

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-296162**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID: 280-74108-AL-9 MS Units: ug/L
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 09/23/2015 1315
 Prep Date: 09/23/2015 1315
 Leach Date: N/A

MSD Lab Sample ID: 280-74108-AL-9 MSD
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 09/23/2015 1335
 Prep Date: 09/23/2015 1335
 Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Benzene	0.16	U	5.00	5.00	4.39	4.69
Bromodichloromethane	0.17	U	5.00	5.00	4.48	4.82
Carbon tetrachloride	0.19	U	5.00	5.00	5.38	5.49
Chlorobenzene	0.17	U	5.00	5.00	4.16	4.47
Chloroform	0.16	U	5.00	5.00	5.12	5.37
1,3-Dichlorobenzene	0.13	U	5.00	5.00	4.00	4.34
1,1-Dichloroethane	0.22	U	5.00	5.00	5.08	5.32
trans-1,2-Dichloroethene	0.15	U	5.00	5.00	4.58	4.98
1,1-Dichloroethene	0.23	U	5.00	5.00	4.17	4.51
1,2-Dichloropropane	0.18	U	5.00	5.00	4.44	4.73
Ethylbenzene	0.16	U	5.00	5.00	3.94	4.19
Methylene Chloride	0.32	U	5.00	5.00	4.64	5.20
Tetrachloroethene	0.20	U	5.00	5.00	4.01	4.38
Toluene	0.17	U	5.00	5.00	4.57	4.76
1,1,1-Trichloroethane	0.16	U	5.00	5.00	5.03	5.18
Trichloroethene	0.16	U	5.00	5.00	4.51	4.70

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Method Blank - Batch: 280-296292

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 280-296292/6
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 09/24/2015 0848
 Prep Date: 09/24/2015 0848
 Leach Date: N/A

Analysis Batch: 280-296292
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VMS_MS1
 Lab File ID: MS2867.D
 Initial Weight/Volume: 20 mL
 Final Weight/Volume: 20 mL

Analyte	Result	Qual	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Method Blank - Batch: 280-296292

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 280-296292/6
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 09/24/2015 0848
 Prep Date: 09/24/2015 0848
 Leach Date: N/A

Analysis Batch: 280-296292
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VMS_MS1
 Lab File ID: MS2867.D
 Initial Weight/Volume: 20 mL
 Final Weight/Volume: 20 mL

Analyte	Result	Qual	MDL	RL
n-Propylbenzene	0.16	U	0.16	1.0
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103	70 - 127
Toluene-d8 (Surr)	95	80 - 125
4-Bromofluorobenzene (Surr)	96	78 - 120
Dibromofluoromethane (Surr)	102	77 - 120

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Lab Control Sample/

Lab Control Sample Duplicate Recovery Report - Batch: 280-296292

Method: 8260B

Preparation: 5030B

LCS Lab Sample ID: LCS 280-296292/4	Analysis Batch: 280-296292	Instrument ID: VMS_MS1
Client Matrix: Water	Prep Batch: N/A	Lab File ID: MS2865.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 0807	Units: ug/L	Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 0807		20 mL
Leach Date: N/A		

LCSD Lab Sample ID: LCSD 280-296292/5	Analysis Batch: 280-296292	Instrument ID: VMS_MS1
Client Matrix: Water	Prep Batch: N/A	Lab File ID: MS2866.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 0827	Units: ug/L	Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 0827		20 mL
Leach Date: N/A		

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Benzene	107	107	65 - 135	1	20		
Bromodichloromethane	111	111	65 - 135	0	20		
Carbon tetrachloride	115	122	65 - 135	6	21		
Chlorobenzene	96	96	65 - 135	1	20		
Chloroform	111	110	65 - 135	1	20		
1,3-Dichlorobenzene	93	96	65 - 135	2	20		
1,1-Dichloroethane	109	111	65 - 135	1	21		
trans-1,2-Dichloroethene	100	104	65 - 135	4	24		
1,1-Dichloroethene	93	99	65 - 136	5	20		
1,2-Dichloropropane	103	104	64 - 135	1	20		
Ethylbenzene	92	99	65 - 135	7	20		
Methylene Chloride	102	102	54 - 141	0	26		
Tetrachloroethene	96	105	65 - 135	9	20		
Toluene	113	116	65 - 135	3	20		
1,1,1-Trichloroethane	117	120	65 - 135	3	20		
Trichloroethene	105	111	65 - 135	5	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	107	102	70 - 127
Toluene-d8 (Surr)	96	93	80 - 125
4-Bromofluorobenzene (Surr)	95	92	78 - 120
Dibromofluoromethane (Surr)	103	99	77 - 120

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

**Laboratory Control/
Laboratory Duplicate Data Report - Batch: 280-296292**

**Method: 8260B
Preparation: 5030B**

LCS Lab Sample ID: LCS 280-296292/4 Units: ug/L
Client Matrix: Water
Dilution: 1.0
Analysis Date: 09/24/2015 0807
Prep Date: 09/24/2015 0807
Leach Date: N/A

LCSD Lab Sample ID: LCSD 280-296292/5
Client Matrix: Water
Dilution: 1.0
Analysis Date: 09/24/2015 0827
Prep Date: 09/24/2015 0827
Leach Date: N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Benzene	5.00	5.00	5.33	5.36
Bromodichloromethane	5.00	5.00	5.57	5.56
Carbon tetrachloride	5.00	5.00	5.74	6.11
Chlorobenzene	5.00	5.00	4.78	4.82
Chloroform	5.00	5.00	5.56	5.52
1,3-Dichlorobenzene	5.00	5.00	4.66	4.78
1,1-Dichloroethane	5.00	5.00	5.47	5.55
trans-1,2-Dichloroethene	5.00	5.00	4.99	5.19
1,1-Dichloroethene	5.00	5.00	4.67	4.93
1,2-Dichloropropane	5.00	5.00	5.14	5.21
Ethylbenzene	5.00	5.00	4.62	4.96
Methylene Chloride	5.00	5.00	5.10	5.12
Tetrachloroethene	5.00	5.00	4.80	5.23
Toluene	5.00	5.00	5.66	5.81
1,1,1-Trichloroethane	5.00	5.00	5.83	6.02
Trichloroethene	5.00	5.00	5.26	5.55

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-296292**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID: 280-74253-3	Analysis Batch: 280-296292	Instrument ID: VMS_MS1
Client Matrix: Water	Prep Batch: N/A	Lab File ID: MS2871.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1018		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1018		20 mL
Leach Date: N/A		

MSD Lab Sample ID: 280-74253-3	Analysis Batch: 280-296292	Instrument ID: VMS_MS1
Client Matrix: Water	Prep Batch: N/A	Lab File ID: MS2872.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1038		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1038		20 mL
Leach Date: N/A		

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Benzene	108	110	65 - 135	2	20		
Bromodichloromethane	115	117	65 - 135	1	20		
Carbon tetrachloride	130	130	65 - 135	0	21		
Chlorobenzene	98	94	65 - 135	5	20		
Chloroform	117	118	65 - 135	1	20		
1,3-Dichlorobenzene	94	96	65 - 135	3	20		
1,1-Dichloroethane	117	117	65 - 135	1	21		
trans-1,2-Dichloroethene	108	108	65 - 135	0	24		
1,1-Dichloroethene	101	99	65 - 136	2	20		
1,2-Dichloropropane	106	109	64 - 135	3	20		
Ethylbenzene	97	95	65 - 135	3	20		
Methylene Chloride	95	98	54 - 141	4	26		
Tetrachloroethene	102	97	65 - 135	5	20		
Toluene	118	118	65 - 135	0	20		
1,1,1-Trichloroethane	127	127	65 - 135	0	20		
Trichloroethene	111	115	65 - 135	4	20		
Surrogate		MS % Rec	MSD % Rec			Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		108	109			70 - 127	
Toluene-d8 (Surr)		94	89			80 - 125	
4-Bromofluorobenzene (Surr)		92	94			78 - 120	
Dibromofluoromethane (Surr)		103	105			77 - 120	

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74253-1
Sdg Number: 15087320

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-296292**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID: 280-74253-3 Units: ug/L
Client Matrix: Water
Dilution: 1.0
Analysis Date: 09/24/2015 1018
Prep Date: 09/24/2015 1018
Leach Date: N/A

MSD Lab Sample ID: 280-74253-3
Client Matrix: Water
Dilution: 1.0
Analysis Date: 09/24/2015 1038
Prep Date: 09/24/2015 1038
Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Benzene	0.16	U	5.00	5.00	5.40	5.51
Bromodichloromethane	0.17	U	5.00	5.00	5.77	5.84
Carbon tetrachloride	0.19	U	5.00	5.00	6.49	6.49
Chlorobenzene	0.17	U	5.00	5.00	4.92	4.69
Chloroform	0.16	U	5.00	5.00	5.85	5.92
1,3-Dichlorobenzene	0.13	U	5.00	5.00	4.70	4.82
1,1-Dichloroethane	0.22	U	5.00	5.00	5.84	5.87
trans-1,2-Dichloroethene	0.15	U	5.00	5.00	5.41	5.40
1,1-Dichloroethene	0.23	U	5.00	5.00	5.07	4.96
1,2-Dichloropropane	0.18	U	5.00	5.00	5.29	5.45
Ethylbenzene	0.16	U	5.00	5.00	4.86	4.73
Methylene Chloride	0.32	U	5.00	5.00	4.73	4.90
Tetrachloroethene	0.20	U	5.00	5.00	5.08	4.84
Toluene	0.17	U	5.00	5.00	5.89	5.89
1,1,1-Trichloroethane	0.16	U	5.00	5.00	6.36	6.33
Trichloroethene	0.16	U	5.00	5.00	5.53	5.74

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Method Blank - Batch: 280-296303

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 280-296303/5
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 09/24/2015 0915
 Prep Date: 09/24/2015 0915
 Leach Date: N/A

Analysis Batch: 280-296303
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VMS_R1
 Lab File ID: R0485.D
 Initial Weight/Volume: 20 mL
 Final Weight/Volume: 20 mL

Analyte	Result	Qual	MDL	RL
Acetone	2.78	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Method Blank - Batch: 280-296303

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 280-296303/5
Client Matrix: Water
Dilution: 1.0
Analysis Date: 09/24/2015 0915
Prep Date: 09/24/2015 0915
Leach Date: N/A

Analysis Batch: 280-296303
Prep Batch: N/A
Leach Batch: N/A
Units: ug/L

Instrument ID: VMS_R1
Lab File ID: R0485.D
Initial Weight/Volume: 20 mL
Final Weight/Volume: 20 mL

Analyte	Result	Qual	MDL	RL
n-Propylbenzene	0.16	U	0.16	1.0
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	111	70 - 127
Toluene-d8 (Surr)	93	80 - 125
4-Bromofluorobenzene (Surr)	89	78 - 120
Dibromofluoromethane (Surr)	106	77 - 120

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Lab Control Sample - Batch: 280-296303

Method: 8260B

Preparation: 5030B

Lab Sample ID: LCS 280-296303/4	Analysis Batch: 280-296303	Instrument ID: VMS_R1
Client Matrix: Water	Prep Batch: N/A	Lab File ID: R0486.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 0934	Units: ug/L	Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 0934		
Leach Date: N/A		

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	5.00	4.41	88	65 - 135	
Bromodichloromethane	5.00	4.24	85	65 - 135	
Carbon tetrachloride	5.00	5.28	106	65 - 135	
Chlorobenzene	5.00	4.13	83	65 - 135	
Chloroform	5.00	4.93	99	65 - 135	
1,3-Dichlorobenzene	5.00	4.09	82	65 - 135	
1,1-Dichloroethane	5.00	4.78	96	65 - 135	
trans-1,2-Dichloroethene	5.00	4.70	94	65 - 135	
1,1-Dichloroethene	5.00	4.53	91	65 - 136	
1,2-Dichloropropane	5.00	4.37	87	64 - 135	
Ethylbenzene	5.00	3.98	80	65 - 135	
Methylene Chloride	5.00	4.51	90	54 - 141	
Tetrachloroethene	5.00	4.29	86	65 - 135	
Toluene	5.00	4.64	93	65 - 135	
1,1,1-Trichloroethane	5.00	5.03	101	65 - 135	
Trichloroethene	5.00	4.48	90	65 - 135	
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Surrogate		% Rec		Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		103		70 - 127	
Toluene-d8 (Surr)		86		80 - 125	
4-Bromofluorobenzene (Surr)		82		78 - 120	
Dibromofluoromethane (Surr)		92		77 - 120	

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-296303**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID: 280-74253-42	Analysis Batch: 280-296303	Instrument ID: VMS_R1
Client Matrix: Water	Prep Batch: N/A	Lab File ID: R0499.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 10 mL
Analysis Date: 09/24/2015 1414		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1414		20 mL
Leach Date: N/A		

MSD Lab Sample ID: 280-74253-42	Analysis Batch: 280-296303	Instrument ID: VMS_R1
Client Matrix: Water	Prep Batch: N/A	Lab File ID: R0500.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 10 mL
Analysis Date: 09/24/2015 1434		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1434		20 mL
Leach Date: N/A		

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Benzene	99	113	65 - 135	12	20		
Bromodichloromethane	102	114	65 - 135	11	20		
Carbon tetrachloride	122	134	65 - 135	10	21		
Chlorobenzene	93	101	65 - 135	8	20		
Chloroform	116	130	65 - 135	11	20		
1,3-Dichlorobenzene	86	98	65 - 135	13	20		
1,1-Dichloroethane	113	129	65 - 135	11	21		
trans-1,2-Dichloroethene	103	146	65 - 135	12	24		F1
1,1-Dichloroethene	106	140	65 - 136	12	20		F1
1,2-Dichloropropane	99	110	64 - 135	10	20		
Ethylbenzene	88	95	65 - 135	8	20		
Methylene Chloride	115	132	54 - 141	14	26		
Tetrachloroethene	91	100	65 - 135	10	20		
Toluene	98	110	65 - 135	11	20		
1,1,1-Trichloroethane	114	127	65 - 135	11	20		
Trichloroethene	98	123	65 - 135	11	20		
Surrogate		MS % Rec	MSD % Rec			Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		126	128	X		70 - 127	
Toluene-d8 (Surr)		97	98			80 - 125	
4-Bromofluorobenzene (Surr)		90	93			78 - 120	
Dibromofluoromethane (Surr)		112	115			77 - 120	

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-296303**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID: 280-74253-42 Units: ug/L
Client Matrix: Water
Dilution: 1.0
Analysis Date: 09/24/2015 1414
Prep Date: 09/24/2015 1414
Leach Date: N/A

MSD Lab Sample ID: 280-74253-42
Client Matrix: Water
Dilution: 1.0
Analysis Date: 09/24/2015 1434
Prep Date: 09/24/2015 1434
Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual	
Benzene	0.96	J	10.0	10.0	10.9	12.3	
Bromodichloromethane	0.34	U	10.0	10.0	10.2	11.4	
Carbon tetrachloride	0.38	U	10.0	10.0	12.2	13.4	
Chlorobenzene	0.34	U	10.0	10.0	9.30	10.1	
Chloroform	0.32	U	10.0	10.0	11.6	13.0	
1,3-Dichlorobenzene	0.26	U	10.0	10.0	8.65	9.84	
1,1-Dichloroethane	1.8	J	10.0	10.0	13.2	14.7	
trans-1,2-Dichloroethene	23		10.0	10.0	33.0	37.3	F1
1,1-Dichloroethene	15		10.0	10.0	26.0	29.4	F1
1,2-Dichloropropane	0.36	U	10.0	10.0	9.94	11.0	
Ethylbenzene	0.32	U	10.0	10.0	8.79	9.55	
Methylene Chloride	0.64	U	10.0	10.0	11.5	13.2	
Tetrachloroethene	0.40	U	10.0	10.0	9.05	9.98	
Toluene	0.85	J	10.0	10.0	10.6	11.8	
1,1,1-Trichloroethane	0.32	U	10.0	10.0	11.4	12.7	
Trichloroethene	10		10.0	10.0	20.0	22.5	

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Method Blank - Batch: 280-296439

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 280-296439/6
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 09/24/2015 2202
 Prep Date: 09/24/2015 2202
 Leach Date: N/A

Analysis Batch: 280-296439
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VMS_H
 Lab File ID: H7397.D
 Initial Weight/Volume: 20 mL
 Final Weight/Volume: 20 mL

Analyte	Result	Qual	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.350	J	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Method Blank - Batch: 280-296439

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 280-296439/6
Client Matrix: Water
Dilution: 1.0
Analysis Date: 09/24/2015 2202
Prep Date: 09/24/2015 2202
Leach Date: N/A

Analysis Batch: 280-296439
Prep Batch: N/A
Leach Batch: N/A
Units: ug/L

Instrument ID: VMS_H
Lab File ID: H7397.D
Initial Weight/Volume: 20 mL
Final Weight/Volume: 20 mL

Analyte	Result	Qual	MDL	RL
n-Propylbenzene	0.16	U	0.16	1.0
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94	70 - 127
Toluene-d8 (Surr)	100	80 - 125
4-Bromofluorobenzene (Surr)	93	78 - 120
Dibromofluoromethane (Surr)	101	77 - 120

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Lab Control Sample - Batch: 280-296439

Method: 8260B

Preparation: 5030B

Lab Sample ID: LCS 280-296439/4	Analysis Batch: 280-296439	Instrument ID: VMS_H
Client Matrix: Water	Prep Batch: N/A	Lab File ID: H7395.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 2116	Units: ug/L	Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 2116		
Leach Date: N/A		

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	5.00	5.49	110	65 - 135	
Bromodichloromethane	5.00	4.81	96	65 - 135	
Carbon tetrachloride	5.00	4.77	95	65 - 135	
Chlorobenzene	5.00	4.93	99	65 - 135	
Chloroform	5.00	5.16	103	65 - 135	
1,3-Dichlorobenzene	5.00	5.45	109	65 - 135	
1,1-Dichloroethane	5.00	5.24	105	65 - 135	
trans-1,2-Dichloroethene	5.00	5.46	109	65 - 135	
1,1-Dichloroethene	5.00	5.01	100	65 - 136	
1,2-Dichloropropane	5.00	5.40	108	64 - 135	
Ethylbenzene	5.00	4.84	97	65 - 135	
Methylene Chloride	5.00	5.60	112	54 - 141	
Tetrachloroethene	5.00	5.13	103	65 - 135	
Toluene	5.00	5.62	112	65 - 135	
1,1,1-Trichloroethane	5.00	4.80	96	65 - 135	
Trichloroethene	5.00	5.29	106	65 - 135	
Surrogate		% Rec		Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		101		70 - 127	
Toluene-d8 (Surr)		108		80 - 125	
4-Bromofluorobenzene (Surr)		100		78 - 120	
Dibromofluoromethane (Surr)		102		77 - 120	

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-296439**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID: 280-74230-B-1 MS	Analysis Batch: 280-296439	Instrument ID: VMS_H
Client Matrix: Water	Prep Batch: N/A	Lab File ID: H7399.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 2248		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 2248		20 mL
Leach Date: N/A		

MSD Lab Sample ID: 280-74230-B-1 MSD	Analysis Batch: 280-296439	Instrument ID: VMS_H
Client Matrix: Water	Prep Batch: N/A	Lab File ID: H7400.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 2310		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 2310		20 mL
Leach Date: N/A		

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Benzene	113	110	65 - 135	2	20		
Bromodichloromethane	98	94	65 - 135	5	20		
Carbon tetrachloride	101	98	65 - 135	2	21		
Chlorobenzene	107	101	65 - 135	6	20		
Chloroform	106	103	65 - 135	3	20		
1,3-Dichlorobenzene	111	96	65 - 135	14	20		
1,1-Dichloroethane	108	106	65 - 135	2	21		
trans-1,2-Dichloroethene	113	109	65 - 135	3	24		
1,1-Dichloroethene	108	104	65 - 136	4	20		
1,2-Dichloropropane	109	106	64 - 135	3	20		
Ethylbenzene	104	102	65 - 135	2	20		
Methylene Chloride	124	127	54 - 141	2	26		
Tetrachloroethene	111	108	65 - 135	3	20		
Toluene	117	116	65 - 135	1	20		
1,1,1-Trichloroethane	101	98	65 - 135	3	20		
Trichloroethene	112	108	65 - 135	3	20		
Surrogate		MS % Rec	MSD % Rec			Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		94	96			70 - 127	
Toluene-d8 (Surr)		108	107			80 - 125	
4-Bromofluorobenzene (Surr)		95	94			78 - 120	
Dibromofluoromethane (Surr)		98	99			77 - 120	

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-296439**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID: 280-74230-B-1 MS Units: ug/L
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 09/24/2015 2248
 Prep Date: 09/24/2015 2248
 Leach Date: N/A

MSD Lab Sample ID: 280-74230-B-1 MSD
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 09/24/2015 2310
 Prep Date: 09/24/2015 2310
 Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Benzene	0.16	U	5.00	5.00	5.64	5.52
Bromodichloromethane	0.17	U	5.00	5.00	4.92	4.71
Carbon tetrachloride	0.19	U	5.00	5.00	5.03	4.92
Chlorobenzene	0.17	U	5.00	5.00	5.35	5.06
Chloroform	0.16	U	5.00	5.00	5.30	5.16
1,3-Dichlorobenzene	0.13	U	5.00	5.00	5.55	4.82
1,1-Dichloroethane	0.22	U	5.00	5.00	5.41	5.30
trans-1,2-Dichloroethene	0.15	U	5.00	5.00	5.63	5.44
1,1-Dichloroethene	0.23	U	5.00	5.00	5.39	5.18
1,2-Dichloropropane	0.18	U	5.00	5.00	5.45	5.31
Ethylbenzene	0.16	U	5.00	5.00	5.19	5.08
Methylene Chloride	0.32	U	5.00	5.00	6.22	6.35
Tetrachloroethene	0.20	U	5.00	5.00	5.57	5.41
Toluene	0.17	U	5.00	5.00	5.87	5.82
1,1,1-Trichloroethane	0.16	U	5.00	5.00	5.03	4.88
Trichloroethene	0.16	U	5.00	5.00	5.59	5.41

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Method Blank - Batch: 280-296465

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 280-296465/5
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 09/25/2015 1602
 Prep Date: 09/25/2015 1602
 Leach Date: N/A

Analysis Batch: 280-296465
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VMS_G
 Lab File ID: G8643.D
 Initial Weight/Volume: 20 mL
 Final Weight/Volume: 20 mL

Analyte	Result	Qual	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.456	J	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Method Blank - Batch: 280-296465

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 280-296465/5
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 09/25/2015 1602
 Prep Date: 09/25/2015 1602
 Leach Date: N/A

Analysis Batch: 280-296465
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VMS_G
 Lab File ID: G8643.D
 Initial Weight/Volume: 20 mL
 Final Weight/Volume: 20 mL

Analyte	Result	Qual	MDL	RL
n-Propylbenzene	0.16	U	0.16	1.0
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93	70 - 127
Toluene-d8 (Surr)	94	80 - 125
4-Bromofluorobenzene (Surr)	92	78 - 120
Dibromofluoromethane (Surr)	90	77 - 120

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Lab Control Sample - Batch: 280-296465

Method: 8260B

Preparation: 5030B

Lab Sample ID: LCS 280-296465/4	Analysis Batch: 280-296465	Instrument ID: VMS_G
Client Matrix: Water	Prep Batch: N/A	Lab File ID: G8642.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 09/25/2015 1538	Units: ug/L	Final Weight/Volume: 20 mL
Prep Date: 09/25/2015 1538		
Leach Date: N/A		

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	5.00	4.78	96	65 - 135	
Bromodichloromethane	5.00	4.72	94	65 - 135	
Carbon tetrachloride	5.00	4.58	92	65 - 135	
Chlorobenzene	5.00	4.75	95	65 - 135	
Chloroform	5.00	4.76	95	65 - 135	
1,3-Dichlorobenzene	5.00	4.82	96	65 - 135	
1,1-Dichloroethane	5.00	4.97	99	65 - 135	
trans-1,2-Dichloroethene	5.00	5.01	100	65 - 135	
1,1-Dichloroethene	5.00	4.83	97	65 - 136	
1,2-Dichloropropane	5.00	4.86	97	64 - 135	
Ethylbenzene	5.00	4.71	94	65 - 135	
Methylene Chloride	5.00	5.44	109	54 - 141	
Tetrachloroethene	5.00	4.64	93	65 - 135	
Toluene	5.00	4.91	98	65 - 135	
1,1,1-Trichloroethane	5.00	4.60	92	65 - 135	
Trichloroethene	5.00	4.79	96	65 - 135	
Surrogate		% Rec		Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		97		70 - 127	
Toluene-d8 (Surr)		93		80 - 125	
4-Bromofluorobenzene (Surr)		92		78 - 120	
Dibromofluoromethane (Surr)		93		77 - 120	

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-296465**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID: 280-74253-50	Analysis Batch: 280-296465	Instrument ID: VMS_G
Client Matrix: Water	Prep Batch: N/A	Lab File ID: G8648.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 10 mL
Analysis Date: 09/25/2015 1802		Final Weight/Volume: 20 mL
Prep Date: 09/25/2015 1802		20 mL
Leach Date: N/A		

MSD Lab Sample ID: 280-74253-50	Analysis Batch: 280-296465	Instrument ID: VMS_G
Client Matrix: Water	Prep Batch: N/A	Lab File ID: G8649.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 10 mL
Analysis Date: 09/25/2015 1825		Final Weight/Volume: 20 mL
Prep Date: 09/25/2015 1825		20 mL
Leach Date: N/A		

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Benzene	105	110	65 - 135	5	20		
Bromodichloromethane	103	109	65 - 135	6	20		
Carbon tetrachloride	98	103	65 - 135	5	21		
Chlorobenzene	100	103	65 - 135	3	20		
Chloroform	105	107	65 - 135	2	20		
1,3-Dichlorobenzene	102	108	65 - 135	6	20		
1,1-Dichloroethane	111	118	65 - 135	5	21		
trans-1,2-Dichloroethene	106	107	65 - 135	1	24		
1,1-Dichloroethene	104	109	65 - 136	5	20		
1,2-Dichloropropane	109	111	64 - 135	2	20		
Ethylbenzene	97	104	65 - 135	7	20		
Methylene Chloride	114	119	54 - 141	3	26		
Tetrachloroethene	97	99	65 - 135	2	20		
Toluene	105	109	65 - 135	3	20		
1,1,1-Trichloroethane	103	103	65 - 135	0	20		
Trichloroethene	104	108	65 - 135	4	20		
Surrogate		MS % Rec	MSD % Rec			Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		105	103			70 - 127	
Toluene-d8 (Surr)		93	92			80 - 125	
4-Bromofluorobenzene (Surr)		94	93			78 - 120	
Dibromofluoromethane (Surr)		95	94			77 - 120	

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-296465**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID: 280-74253-50 Units: ug/L
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 09/25/2015 1802
 Prep Date: 09/25/2015 1802
 Leach Date: N/A

MSD Lab Sample ID: 280-74253-50
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 09/25/2015 1825
 Prep Date: 09/25/2015 1825
 Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Benzene	0.32	U	10.0	10.0	10.5	11.0
Bromodichloromethane	0.34	U	10.0	10.0	10.3	10.9
Carbon tetrachloride	0.38	U	10.0	10.0	9.84	10.3
Chlorobenzene	0.34	U	10.0	10.0	9.97	10.3
Chloroform	0.32	U	10.0	10.0	10.5	10.7
1,3-Dichlorobenzene	0.26	U	10.0	10.0	10.2	10.8
1,1-Dichloroethane	0.44	U	10.0	10.0	11.1	11.8
trans-1,2-Dichloroethene	5.8		10.0	10.0	16.4	16.5
1,1-Dichloroethene	0.46	U	10.0	10.0	10.4	10.9
1,2-Dichloropropane	0.36	U	10.0	10.0	10.9	11.1
Ethylbenzene	0.32	U	10.0	10.0	9.68	10.4
Methylene Chloride	0.67	J	10.0	10.0	12.1	12.5
Tetrachloroethene	0.40	U	10.0	10.0	9.73	9.91
Toluene	0.41	J	10.0	10.0	10.9	11.3
1,1,1-Trichloroethane	0.32	U	10.0	10.0	10.3	10.3
Trichloroethene	0.32	U	10.0	10.0	10.4	10.8

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Method Blank - Batch: 280-296466

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 280-296466/5
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 09/25/2015 0901
 Prep Date: 09/25/2015 0901
 Leach Date: N/A

Analysis Batch: 280-296466
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VMS_G2
 Lab File ID: G2_7983.D
 Initial Weight/Volume: 20 mL
 Final Weight/Volume: 20 mL

Analyte	Result	Qual	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Method Blank - Batch: 280-296466

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 280-296466/5
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 09/25/2015 0901
 Prep Date: 09/25/2015 0901
 Leach Date: N/A

Analysis Batch: 280-296466
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VMS_G2
 Lab File ID: G2_7983.D
 Initial Weight/Volume: 20 mL
 Final Weight/Volume: 20 mL

Analyte	Result	Qual	MDL	RL
n-Propylbenzene	0.16	U	0.16	1.0
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	109	70 - 127
Toluene-d8 (Surr)	100	80 - 125
4-Bromofluorobenzene (Surr)	89	78 - 120
Dibromofluoromethane (Surr)	119	77 - 120

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Lab Control Sample - Batch: 280-296466

Method: 8260B

Preparation: 5030B

Lab Sample ID: LCS 280-296466/4
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 09/25/2015 0843
 Prep Date: 09/25/2015 0843
 Leach Date: N/A

Analysis Batch: 280-296466
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VMS_G2
 Lab File ID: G2_7982.D
 Initial Weight/Volume: 20 mL
 Final Weight/Volume: 20 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	5.00	5.82	116	65 - 135	
Bromodichloromethane	5.00	5.27	105	65 - 135	
Carbon tetrachloride	5.00	6.04	121	65 - 135	
Chlorobenzene	5.00	5.13	103	65 - 135	
Chloroform	5.00	5.61	112	65 - 135	
1,3-Dichlorobenzene	5.00	4.95	99	65 - 135	
1,1-Dichloroethane	5.00	5.66	113	65 - 135	
trans-1,2-Dichloroethene	5.00	6.23	125	65 - 135	
1,1-Dichloroethene	5.00	6.07	121	65 - 136	
1,2-Dichloropropane	5.00	5.43	109	64 - 135	
Ethylbenzene	5.00	5.03	101	65 - 135	
Methylene Chloride	5.00	5.42	108	54 - 141	
Tetrachloroethene	5.00	5.51	110	65 - 135	
Toluene	5.00	5.93	119	65 - 135	
1,1,1-Trichloroethane	5.00	5.81	116	65 - 135	
Trichloroethene	5.00	5.94	119	65 - 135	
Surrogate		% Rec		Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		108		70 - 127	
Toluene-d8 (Surr)		96		80 - 125	
4-Bromofluorobenzene (Surr)		89		78 - 120	
Dibromofluoromethane (Surr)		118		77 - 120	

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-296466**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID: 280-74268-F-1 MS	Analysis Batch: 280-296466	Instrument ID: VMS_G2
Client Matrix: Water	Prep Batch: N/A	Lab File ID: G2_8002.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 09/25/2015 1515		Final Weight/Volume: 20 mL
Prep Date: 09/25/2015 1515		20 mL
Leach Date: N/A		

MSD Lab Sample ID: 280-74268-F-1 MSD	Analysis Batch: 280-296466	Instrument ID: VMS_G2
Client Matrix: Water	Prep Batch: N/A	Lab File ID: G2_8003.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 09/25/2015 1534		Final Weight/Volume: 20 mL
Prep Date: 09/25/2015 1534		20 mL
Leach Date: N/A		

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Benzene	121	116	65 - 135	4	20		
Bromodichloromethane	123	117	65 - 135	5	20		
Carbon tetrachloride	138	131	65 - 135	5	21	F1	
Chlorobenzene	110	103	65 - 135	6	20		
Chloroform	129	124	65 - 135	4	20		
1,3-Dichlorobenzene	101	98	65 - 135	3	20		
1,1-Dichloroethane	126	120	65 - 135	5	21		
trans-1,2-Dichloroethene	130	124	65 - 135	5	24		
1,1-Dichloroethene	126	118	65 - 136	7	20		
1,2-Dichloropropane	114	110	64 - 135	4	20		
Ethylbenzene	105	97	65 - 135	8	20		
Methylene Chloride	125	113	54 - 141	10	26		
Tetrachloroethene	113	107	65 - 135	6	20		
Toluene	125	119	65 - 135	5	20		
1,1,1-Trichloroethane	133	126	65 - 135	6	20		
Trichloroethene	128	121	65 - 135	6	20		
Surrogate	MS % Rec		MSD % Rec	Acceptance Limits			
1,2-Dichloroethane-d4 (Surr)	134	X	114	70 - 127			
Toluene-d8 (Surr)	101		88	80 - 125			
4-Bromofluorobenzene (Surr)	94		83	78 - 120			
Dibromofluoromethane (Surr)	135	X	118	77 - 120			

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74253-1
Sdg Number: 15087320

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-296466**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID: 280-74268-F-1 MS Units: ug/L
Client Matrix: Water
Dilution: 1.0
Analysis Date: 09/25/2015 1515
Prep Date: 09/25/2015 1515
Leach Date: N/A

MSD Lab Sample ID: 280-74268-F-1 MSD
Client Matrix: Water
Dilution: 1.0
Analysis Date: 09/25/2015 1534
Prep Date: 09/25/2015 1534
Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual
Benzene	0.16	U	5.00	5.00	6.04		5.78
Bromodichloromethane	0.17	U	5.00	5.00	6.13		5.83
Carbon tetrachloride	0.19	U	5.00	5.00	6.91	F1	6.57
Chlorobenzene	0.17	U	5.00	5.00	5.49		5.16
Chloroform	0.16	U	5.00	5.00	6.44		6.20
1,3-Dichlorobenzene	0.13	U	5.00	5.00	5.07		4.92
1,1-Dichloroethane	0.22	U	5.00	5.00	6.32		6.02
trans-1,2-Dichloroethene	0.15	U	5.00	5.00	6.51		6.20
1,1-Dichloroethene	0.23	U	5.00	5.00	6.31		5.92
1,2-Dichloropropane	0.18	U	5.00	5.00	5.69		5.48
Ethylbenzene	0.16	U	5.00	5.00	5.27		4.87
Methylene Chloride	0.32	U	5.00	5.00	6.26		5.64
Tetrachloroethene	0.20	U	5.00	5.00	5.66		5.35
Toluene	0.17	U	5.00	5.00	6.23		5.94
1,1,1-Trichloroethane	0.16	U	5.00	5.00	6.67		6.31
Trichloroethene	0.16	U	5.00	5.00	6.42		6.03

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74253-1
Sdg Number: 15087320

Method Blank - Batch: 280-295273

Method: 8260B SIM
Preparation: 5030B

Lab Sample ID: MB 280-295273/14	Analysis Batch: 280-295273	Instrument ID: VMS_E
Client Matrix: Water	Prep Batch: N/A	Lab File ID: E0255.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 09/17/2015 1029	Units: ug/L	Final Weight/Volume: 20 mL
Prep Date: 09/17/2015 1029		
Leach Date: N/A		

Analyte	Result	Qual	MDL	RL
1,4-Dioxane	0.22	U	0.22	1.0
Surrogate	% Rec		Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	101		70 - 127	

Lab Control Sample/

Method: 8260B SIM
Preparation: 5030B

Lab Control Sample Duplicate Recovery Report - Batch: 280-295273

LCS Lab Sample ID: LCS 280-295273/12	Analysis Batch: 280-295273	Instrument ID: VMS_E
Client Matrix: Water	Prep Batch: N/A	Lab File ID: E0253.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 09/17/2015 0953	Units: ug/L	Final Weight/Volume: 20 mL
Prep Date: 09/17/2015 0953		20 mL
Leach Date: N/A		

LCSD Lab Sample ID: LCSD 280-295273/13	Analysis Batch: 280-295273	Instrument ID: VMS_E
Client Matrix: Water	Prep Batch: N/A	Lab File ID: E0254.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 09/17/2015 1011	Units: ug/L	Final Weight/Volume: 20 mL
Prep Date: 09/17/2015 1011		20 mL
Leach Date: N/A		

Analyte	<u>% Rec.</u>		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
1,4-Dioxane	116	102	25 - 141	12	20		
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
1,2-Dichloroethane-d4 (Surr)	106	105			70 - 127		

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74253-1
Sdg Number: 15087320

**Laboratory Control/
Laboratory Duplicate Data Report - Batch: 280-295273**

**Method: 8260B SIM
Preparation: 5030B**

LCS Lab Sample ID: LCS 280-295273/12 Units: ug/L
Client Matrix: Water
Dilution: 1.0
Analysis Date: 09/17/2015 0953
Prep Date: 09/17/2015 0953
Leach Date: N/A

LCSD Lab Sample ID: LCSD 280-295273/13
Client Matrix: Water
Dilution: 1.0
Analysis Date: 09/17/2015 1011
Prep Date: 09/17/2015 1011
Leach Date: N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,4-Dioxane	5.00	5.00	5.78	5.12

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-295273**

**Method: 8260B SIM
Preparation: 5030B**

MS Lab Sample ID: 280-74205-M-2 MS
Client Matrix: Water
Dilution: 1.0
Analysis Date: 09/17/2015 1151
Prep Date: 09/17/2015 1151
Leach Date: N/A

Analysis Batch: 280-295273
Prep Batch: N/A
Leach Batch: N/A

Instrument ID: VMS_E
Lab File ID: E0259.D
Initial Weight/Volume: 20 mL
Final Weight/Volume: 20 mL
20 mL

MSD Lab Sample ID: 280-74205-M-2 MSD
Client Matrix: Water
Dilution: 1.0
Analysis Date: 09/17/2015 1209
Prep Date: 09/17/2015 1209
Leach Date: N/A

Analysis Batch: 280-295273
Prep Batch: N/A
Leach Batch: N/A

Instrument ID: VMS_E
Lab File ID: E0260.D
Initial Weight/Volume: 20 mL
Final Weight/Volume: 20 mL
20 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
1,4-Dioxane	99	52	25 - 141	24	20		F2
Surrogate		MS % Rec	MSD % Rec			Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		111	107			70 - 127	

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74253-1
Sdg Number: 15087320

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-295273**

**Method: 8260B SIM
Preparation: 5030B**

MS Lab Sample ID: 280-74205-M-2 MS Units: ug/L
Client Matrix: Water
Dilution: 1.0
Analysis Date: 09/17/2015 1151
Prep Date: 09/17/2015 1151
Leach Date: N/A

MSD Lab Sample ID: 280-74205-M-2 MSD
Client Matrix: Water
Dilution: 1.0
Analysis Date: 09/17/2015 1209
Prep Date: 09/17/2015 1209
Leach Date: N/A

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
1,4-Dioxane	6.2	5.00	5.00	11.2	8.84 F2

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Method Blank - Batch: 280-295463

Method: 8260B SIM

Preparation: 5030B

Lab Sample ID: MB 280-295463/5	Analysis Batch: 280-295463	Instrument ID: VMS_E
Client Matrix: Water	Prep Batch: N/A	Lab File ID: E02485.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 09/18/2015 0815	Units: ug/L	Final Weight/Volume: 20 mL
Prep Date: 09/18/2015 0815		
Leach Date: N/A		

Analyte	Result	Qual	MDL	RL
1,4-Dioxane	0.22	U	0.22	1.0
Surrogate	% Rec		Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	93		70 - 127	

Lab Control Sample - Batch: 280-295463

Method: 8260B SIM

Preparation: 5030B

Lab Sample ID: LCS 280-295463/3	Analysis Batch: 280-295463	Instrument ID: VMS_E
Client Matrix: Water	Prep Batch: N/A	Lab File ID: E02484.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 09/18/2015 0757	Units: ug/L	Final Weight/Volume: 20 mL
Prep Date: 09/18/2015 0757		
Leach Date: N/A		

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,4-Dioxane	5.00	5.88	118	25 - 141	
Surrogate		% Rec		Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		91		70 - 127	

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74253-1
Sdg Number: 15087320

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-295463**

**Method: 8260B SIM
Preparation: 5030B**

MS Lab Sample ID: 280-74253-4	Analysis Batch: 280-295463	Instrument ID: VMS_E
Client Matrix: Water	Prep Batch: N/A	Lab File ID: E02490.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 09/18/2015 0948		Final Weight/Volume: 20 mL
Prep Date: 09/18/2015 0948		20 mL
Leach Date: N/A		

MSD Lab Sample ID: 280-74253-4	Analysis Batch: 280-295463	Instrument ID: VMS_E
Client Matrix: Water	Prep Batch: N/A	Lab File ID: E02491.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 09/18/2015 1006		Final Weight/Volume: 20 mL
Prep Date: 09/18/2015 1006		20 mL
Leach Date: N/A		

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
1,4-Dioxane	102	94	25 - 141	8	20		
Surrogate		MS % Rec	MSD % Rec			Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		98	94			70 - 127	

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-295463**

**Method: 8260B SIM
Preparation: 5030B**

MS Lab Sample ID: 280-74253-4	Units: ug/L	MSD Lab Sample ID: 280-74253-4
Client Matrix: Water		Client Matrix: Water
Dilution: 1.0		Dilution: 1.0
Analysis Date: 09/18/2015 0948		Analysis Date: 09/18/2015 1006
Prep Date: 09/18/2015 0948		Prep Date: 09/18/2015 1006
Leach Date: N/A		Leach Date: N/A

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
1,4-Dioxane	0.22 U	5.00	5.00	5.08	4.68

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Method Blank - Batch: 280-295743

Method: 8260B SIM

Preparation: 5030B

Lab Sample ID: MB 280-295743/5	Analysis Batch: 280-295743	Instrument ID: VMS_E
Client Matrix: Water	Prep Batch: N/A	Lab File ID: E0305.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 09/21/2015 0747	Units: ug/L	Final Weight/Volume: 20 mL
Prep Date: 09/21/2015 0747		
Leach Date: N/A		

Analyte	Result	Qual	MDL	RL
1,4-Dioxane	0.22	U	0.22	1.0
Surrogate	% Rec		Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	80		70 - 127	

Lab Control Sample - Batch: 280-295743

Method: 8260B SIM

Preparation: 5030B

Lab Sample ID: LCS 280-295743/3	Analysis Batch: 280-295743	Instrument ID: VMS_E
Client Matrix: Water	Prep Batch: N/A	Lab File ID: E0304.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 09/21/2015 0728	Units: ug/L	Final Weight/Volume: 20 mL
Prep Date: 09/21/2015 0728		
Leach Date: N/A		

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,4-Dioxane	5.00	4.65	93	25 - 141	
Surrogate		% Rec		Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		81		70 - 127	

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-295743**

**Method: 8260B SIM
Preparation: 5030B**

MS Lab Sample ID: 280-74253-5	Analysis Batch: 280-295743	Instrument ID: VMS_E
Client Matrix: Water	Prep Batch: N/A	Lab File ID: E0311.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 09/21/2015 0950		Final Weight/Volume: 20 mL
Prep Date: 09/21/2015 0950		20 mL
Leach Date: N/A		

MSD Lab Sample ID: 280-74253-5	Analysis Batch: 280-295743	Instrument ID: VMS_E
Client Matrix: Water	Prep Batch: N/A	Lab File ID: E0312.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 09/21/2015 1008		Final Weight/Volume: 20 mL
Prep Date: 09/21/2015 1008		20 mL
Leach Date: N/A		

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
1,4-Dioxane	98	95	25 - 141	3	20		
Surrogate		MS % Rec	MSD % Rec			Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		85	82			70 - 127	

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-295743**

**Method: 8260B SIM
Preparation: 5030B**

MS Lab Sample ID: 280-74253-5	Units: ug/L	MSD Lab Sample ID: 280-74253-5
Client Matrix: Water		Client Matrix: Water
Dilution: 1.0		Dilution: 1.0
Analysis Date: 09/21/2015 0950		Analysis Date: 09/21/2015 1008
Prep Date: 09/21/2015 0950		Prep Date: 09/21/2015 1008
Leach Date: N/A		Leach Date: N/A

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
1,4-Dioxane	0.60 J	5.00	5.00	5.49	5.35

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

Method Blank - Batch: 280-295920

Method: 8260B SIM

Preparation: 5030B

Lab Sample ID: MB 280-295920/5	Analysis Batch: 280-295920	Instrument ID: VMS_E
Client Matrix: Water	Prep Batch: N/A	Lab File ID: E0333.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 09/22/2015 0909	Units: ug/L	Final Weight/Volume: 20 mL
Prep Date: 09/22/2015 0909		
Leach Date: N/A		

Analyte	Result	Qual	MDL	RL
1,4-Dioxane	0.234	J	0.22	1.0
Surrogate	% Rec		Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	97		70 - 127	

Lab Control Sample - Batch: 280-295920

Method: 8260B SIM

Preparation: 5030B

Lab Sample ID: LCS 280-295920/3	Analysis Batch: 280-295920	Instrument ID: VMS_E
Client Matrix: Water	Prep Batch: N/A	Lab File ID: E0332.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 09/22/2015 0850	Units: ug/L	Final Weight/Volume: 20 mL
Prep Date: 09/22/2015 0850		
Leach Date: N/A		

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,4-Dioxane	5.00	5.32	106	25 - 141	
Surrogate		% Rec		Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		99		70 - 127	

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-295920**

**Method: 8260B SIM
Preparation: 5030B**

MS Lab Sample ID: 280-74253-18	Analysis Batch: 280-295920	Instrument ID: VMS_E
Client Matrix: Water	Prep Batch: N/A	Lab File ID: E0339.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 09/22/2015 1059		Final Weight/Volume: 20 mL
Prep Date: 09/22/2015 1059		20 mL
Leach Date: N/A		

MSD Lab Sample ID: 280-74253-18	Analysis Batch: 280-295920	Instrument ID: VMS_E
Client Matrix: Water	Prep Batch: N/A	Lab File ID: E0340.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 09/22/2015 1117		Final Weight/Volume: 20 mL
Prep Date: 09/22/2015 1117		20 mL
Leach Date: N/A		

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
1,4-Dioxane	117	96	25 - 141	18	20		
Surrogate		MS % Rec	MSD % Rec			Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		101	102			70 - 127	

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-295920**

**Method: 8260B SIM
Preparation: 5030B**

MS Lab Sample ID: 280-74253-18	Units: ug/L	MSD Lab Sample ID: 280-74253-18
Client Matrix: Water		Client Matrix: Water
Dilution: 1.0		Dilution: 1.0
Analysis Date: 09/22/2015 1059		Analysis Date: 09/22/2015 1117
Prep Date: 09/22/2015 1059		Prep Date: 09/22/2015 1117
Leach Date: N/A		Leach Date: N/A

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
1,4-Dioxane	0.39 J	5.00	5.00	6.22	5.18

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:280-295273					
LCS 280-295273/12	Lab Control Sample	T	Water	8260B SIM	
LCSD 280-295273/13	Lab Control Sample Duplicate	T	Water	8260B SIM	
MB 280-295273/14	Method Blank	T	Water	8260B SIM	
280-74205-M-2 MS	Matrix Spike	T	Water	8260B SIM	
280-74205-M-2 MSD	Matrix Spike Duplicate	T	Water	8260B SIM	
280-74253-24	PIN12-0580-2	T	Water	8260B SIM	
280-74253-30	PIN12-0582-2	T	Water	8260B SIM	
Analysis Batch:280-295463					
LCS 280-295463/3	Lab Control Sample	T	Water	8260B SIM	
MB 280-295463/5	Method Blank	T	Water	8260B SIM	
280-74253-1	PIN12-0524	T	Water	8260B SIM	
280-74253-2	PIN12-0525	T	Water	8260B SIM	
280-74253-3	PIN12-0561-1	T	Water	8260B SIM	
280-74253-4	PIN12-0561-2	T	Water	8260B SIM	
280-74253-4MS	Matrix Spike	T	Water	8260B SIM	
280-74253-4MSD	Matrix Spike Duplicate	T	Water	8260B SIM	
280-74253-23	PIN12-0580-1	T	Water	8260B SIM	
280-74253-25	PIN12-0580-3	T	Water	8260B SIM	
280-74253-26	PIN12-0581-1	T	Water	8260B SIM	
280-74253-27	PIN12-0581-2	T	Water	8260B SIM	
280-74253-28	PIN12-0581-3	T	Water	8260B SIM	
280-74253-29	PIN12-0582-1	T	Water	8260B SIM	
280-74253-31	PIN12-0582-3	T	Water	8260B SIM	
280-74253-32	PIN12-0583-1	T	Water	8260B SIM	
280-74253-33	PIN12-0583-2	T	Water	8260B SIM	
280-74253-34	PIN12-0583-3	T	Water	8260B SIM	
280-74253-35	PIN12-0584-1	T	Water	8260B SIM	
280-74253-36	PIN12-0584-2	T	Water	8260B SIM	
280-74253-37	PIN12-0584-3	T	Water	8260B SIM	
280-74253-48	PIN12-2451	T	Water	8260B SIM	
280-74253-53	PIN12-S73D	T	Water	8260B SIM	

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:280-295743					
LCS 280-295743/3	Lab Control Sample	T	Water	8260B SIM	
MB 280-295743/5	Method Blank	T	Water	8260B SIM	
280-74253-5	PIN12-0561-3	T	Water	8260B SIM	
280-74253-5MS	Matrix Spike	T	Water	8260B SIM	
280-74253-5MSD	Matrix Spike Duplicate	T	Water	8260B SIM	
280-74253-6	PIN12-0565-1	T	Water	8260B SIM	
280-74253-7	PIN12-0565-2	T	Water	8260B SIM	
280-74253-8	PIN12-0565-3	T	Water	8260B SIM	
280-74253-9	PIN12-0574-1	T	Water	8260B SIM	
280-74253-10	PIN12-0574-2	T	Water	8260B SIM	
280-74253-11	PIN12-0574-3	T	Water	8260B SIM	
280-74253-12	PIN12-0575-1	T	Water	8260B SIM	
280-74253-13	PIN12-0575-2	T	Water	8260B SIM	
Analysis Batch:280-295920					
LCS 280-295920/3	Lab Control Sample	T	Water	8260B SIM	
MB 280-295920/5	Method Blank	T	Water	8260B SIM	
280-74253-14	PIN12-0576-1	T	Water	8260B SIM	
280-74253-15	PIN12-0576-2	T	Water	8260B SIM	
280-74253-16	PIN12-0576-3	T	Water	8260B SIM	
280-74253-18	PIN12-0577-2	T	Water	8260B SIM	
280-74253-18MS	Matrix Spike	T	Water	8260B SIM	
280-74253-18MSD	Matrix Spike Duplicate	T	Water	8260B SIM	
280-74253-19	PIN12-0577-3	T	Water	8260B SIM	
280-74253-20	PIN12-0579-1	T	Water	8260B SIM	
280-74253-21	PIN12-0579-2	T	Water	8260B SIM	
280-74253-22	PIN12-0579-3	T	Water	8260B SIM	
280-74253-38	PIN12-0585-1	T	Water	8260B SIM	
280-74253-39	PIN12-0585-2	T	Water	8260B SIM	
280-74253-40	PIN12-0585-3	T	Water	8260B SIM	
280-74253-41	PIN12-0587-1	T	Water	8260B SIM	
280-74253-42	PIN12-0587-2	T	Water	8260B SIM	
280-74253-43	PIN12-0587-3	T	Water	8260B SIM	
280-74253-44	PIN12-0588-1	T	Water	8260B SIM	
280-74253-45	PIN12-0588-2	T	Water	8260B SIM	
280-74253-46	PIN12-0588-3	T	Water	8260B SIM	
280-74253-49	PIN12-2452	T	Water	8260B SIM	
280-74253-50	PIN12-2453	T	Water	8260B SIM	
280-74253-51	PIN12-2454	T	Water	8260B SIM	

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:280-296162					
LCS 280-296162/4	Lab Control Sample	T	Water	8260B	
LCSD 280-296162/5	Lab Control Sample Duplicate	T	Water	8260B	
MB 280-296162/6	Method Blank	T	Water	8260B	
280-74108-AL-9 MS	Matrix Spike	T	Water	8260B	
280-74108-AL-9 MSD	Matrix Spike Duplicate	T	Water	8260B	
280-74253-1	PIN12-0524	T	Water	8260B	
280-74253-1DL	PIN12-0524	T	Water	8260B	
280-74253-2	PIN12-0525	T	Water	8260B	
280-74253-4	PIN12-0561-2	T	Water	8260B	
Analysis Batch:280-296292					
LCS 280-296292/4	Lab Control Sample	T	Water	8260B	
LCSD 280-296292/5	Lab Control Sample Duplicate	T	Water	8260B	
MB 280-296292/6	Method Blank	T	Water	8260B	
280-74253-3	PIN12-0561-1	T	Water	8260B	
280-74253-3MS	Matrix Spike	T	Water	8260B	
280-74253-3MSD	Matrix Spike Duplicate	T	Water	8260B	
280-74253-5	PIN12-0561-3	T	Water	8260B	
280-74253-14	PIN12-0576-1	T	Water	8260B	
280-74253-15	PIN12-0576-2	T	Water	8260B	
280-74253-16	PIN12-0576-3	T	Water	8260B	
280-74253-17	PIN12-0577-1	T	Water	8260B	
280-74253-18	PIN12-0577-2	T	Water	8260B	
280-74253-19	PIN12-0577-3	T	Water	8260B	
280-74253-20	PIN12-0579-1	T	Water	8260B	
280-74253-21	PIN12-0579-2	T	Water	8260B	
280-74253-22	PIN12-0579-3	T	Water	8260B	
280-74253-35	PIN12-0584-1	T	Water	8260B	
280-74253-36	PIN12-0584-2	T	Water	8260B	
280-74253-37	PIN12-0584-3	T	Water	8260B	
280-74253-38	PIN12-0585-1	T	Water	8260B	
280-74253-39	PIN12-0585-2	T	Water	8260B	
280-74253-39DL	PIN12-0585-2	T	Water	8260B	
280-74253-40	PIN12-0585-3	T	Water	8260B	
280-74253-40DL	PIN12-0585-3	T	Water	8260B	
280-74253-49	PIN12-2452	T	Water	8260B	
280-74253-49DL	PIN12-2452	T	Water	8260B	
280-74253-53	PIN12-S73D	T	Water	8260B	

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:280-296303					
LCS 280-296303/4	Lab Control Sample	T	Water	8260B	
MB 280-296303/5	Method Blank	T	Water	8260B	
280-74253-6	PIN12-0565-1	T	Water	8260B	
280-74253-7	PIN12-0565-2	T	Water	8260B	
280-74253-8	PIN12-0565-3	T	Water	8260B	
280-74253-9	PIN12-0574-1	T	Water	8260B	
280-74253-10	PIN12-0574-2	T	Water	8260B	
280-74253-10DL	PIN12-0574-2	T	Water	8260B	
280-74253-12	PIN12-0575-1	T	Water	8260B	
280-74253-42	PIN12-0587-2	T	Water	8260B	
280-74253-42DL	PIN12-0587-2	T	Water	8260B	
280-74253-42MS	Matrix Spike	T	Water	8260B	
280-74253-42MSD	Matrix Spike Duplicate	T	Water	8260B	
280-74253-43	PIN12-0587-3	T	Water	8260B	
280-74253-44	PIN12-0588-1	T	Water	8260B	
280-74253-45	PIN12-0588-2	T	Water	8260B	
280-74253-47	PIN99-2198	T	Water	8260B	
Analysis Batch:280-296439					
LCS 280-296439/4	Lab Control Sample	T	Water	8260B	
MB 280-296439/6	Method Blank	T	Water	8260B	
280-74230-B-1 MS	Matrix Spike	T	Water	8260B	
280-74230-B-1 MSD	Matrix Spike Duplicate	T	Water	8260B	
280-74253-23	PIN12-0580-1	T	Water	8260B	
280-74253-24	PIN12-0580-2	T	Water	8260B	
280-74253-24DL	PIN12-0580-2	T	Water	8260B	
280-74253-25	PIN12-0580-3	T	Water	8260B	
280-74253-26	PIN12-0581-1	T	Water	8260B	
280-74253-27	PIN12-0581-2	T	Water	8260B	
280-74253-28	PIN12-0581-3	T	Water	8260B	
280-74253-29	PIN12-0582-1	T	Water	8260B	
280-74253-30	PIN12-0582-2	T	Water	8260B	
280-74253-31	PIN12-0582-3	T	Water	8260B	
280-74253-32	PIN12-0583-1	T	Water	8260B	

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74253-1

Sdg Number: 15087320

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:280-296465					
LCS 280-296465/4	Lab Control Sample	T	Water	8260B	
MB 280-296465/5	Method Blank	T	Water	8260B	
280-74253-41	PIN12-0587-1	T	Water	8260B	
280-74253-46	PIN12-0588-3	T	Water	8260B	
280-74253-48	PIN12-2451	T	Water	8260B	
280-74253-50	PIN12-2453	T	Water	8260B	
280-74253-50MS	Matrix Spike	T	Water	8260B	
280-74253-50MSD	Matrix Spike Duplicate	T	Water	8260B	
280-74253-51	PIN12-2454	T	Water	8260B	
280-74253-51DL	PIN12-2454	T	Water	8260B	
Analysis Batch:280-296466					
LCS 280-296466/4	Lab Control Sample	T	Water	8260B	
MB 280-296466/5	Method Blank	T	Water	8260B	
280-74253-11	PIN12-0574-3	T	Water	8260B	
280-74253-13	PIN12-0575-2	T	Water	8260B	
280-74253-33	PIN12-0583-2	T	Water	8260B	
280-74253-34	PIN12-0583-3	T	Water	8260B	
280-74253-50DL	PIN12-2453	T	Water	8260B	
280-74253-52	PIN99-2689	T	Water	8260B	
280-74268-F-1 MS	Matrix Spike	T	Water	8260B	
280-74268-F-1 MSD	Matrix Spike Duplicate	T	Water	8260B	

Report Basis

T = Total

ANALYTICAL REPORT

Job Number: 280-74439-1
SDG Number: 15087320
Job Description: Pinellas Monitoring

For:
S.M. Stoller Corporation
2597 Legacy Way
Grand Junction, CO 81503
Attention: Mr. Steve Donovan



Approved for release.
Donna R Rydberg
Senior Project Manager
9/30/2015 6:20 PM

Designee for
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09/30/2015

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The Lab Certification ID# is 4025.

Reporting limits are adjusted for sample size used, dilutions and moisture content if applicable.

TestAmerica Laboratories, Inc.

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CASE NARRATIVE

Client: S.M. Stoller Corporation

Project: Pinellas Monitoring - 15087320

Report Number: 280-74439-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 9/18/2015 at 9:20 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 1.6°C.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Due to excessive foaming the following samples required between 1uL - 5uL of anti-foam to be added prior to purging to protect the equipment. The associated MB also had anti-foam added to it to show there was no contamination added from the use of the anti-foam.

PIN12-0539 (280-74439-1), PIN12-0539 (280-74439-1[MS]), PIN12-0539 (280-74439-1[MSD]), PIN12-0540 (280-74439-2), PIN12-0541 (280-74439-3), PIN12-0551-2 (280-74439-6), PIN12-0568-1 (280-74439-10), PIN12-0568-2 (280-74439-11), PIN12-0568-3 (280-74439-12), PIN12-0569-1 (280-74439-13), PIN12-0569-2 (280-74439-14), PIN12-0569-3 (280-74439-15), PIN12-0570-1 (280-74439-16), PIN12-0570-2 (280-74439-17), PIN12-0570-3 (280-74439-18), PIN12-0572-1 (280-74439-19) and PIN12-0572-2 (280-74439-20), PIN12-0542 (280-74439-4), PIN12-0549 (280-74439-5), PIN12-0555A (280-74439-7), PIN12-0555B (280-74439-8), PIN12-0555C (280-74439-9), PIN12-0578-1 (280-74439-24), PIN12-0578-2 (280-74439-25), PIN12-0578-3 (280-74439-26), PIN12-2450 (280-74439-31), PIN12-S69B (280-74439-36), PIN12-S69C (280-74439-37), PIN12-S69D (280-74439-38), PIN12-S70B (280-74439-39), PIN12-S70C (280-74439-40), PIN12-S70D (280-74439-41), PIN12-S71B (280-74439-42), PIN12-S71C (280-74439-43), PIN12-S71D (280-74439-44), (280-74439-B-4 MS) and (280-74439-B-4 MSD).

In some cases, due to high concentrations of target analytes, reduced aliquot sizes had to be used for the analysis of samples. The reporting limits have been elevated accordingly. To provide the lowest possible detection limits, multiple runs are reported where available.

The internal standard (ISTD) response for TBA-d9 was outside the acceptance criteria in samples PIN12-0539 (280-74439-1[MS]), PIN12-0540 (280-74439-2), PIN12-0541 (280-74439-3), PIN12-0542 (280-74439-4), PIN12-0551-2 (280-74439-6), PIN12-0568-2 (280-74439-11) and PIN12-0568-3 (280-74439-12). This ISTD does not correspond to any of the requested target compounds; therefore, the data have been reported.

Low concentrations of 1,2,3-Trichlorobenzene and Naphthalene were detected in method blank MB 280-296721/6 at levels that were above the method detection limit but below the reporting limit. The values should be considered estimates, and have been flagged "J". Because the concentrations in the method blank are not present at levels greater than half the reporting limit, corrective action is deemed unnecessary.

Styrene was detected in method blank MB 280-296866/6 at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged "J". Because the concentration in the method blank is not present at a level greater than half the reporting limit, corrective action is deemed unnecessary.

The LCS associated with batch 280-296721 demonstrated recoveries for spike compounds Styrene (65%) and 1,2,3-trichloropropane (62%) outside the recovery limits biased low (limits 65-135%). These spike analytes are not part of the project spike list but are being flagged in the samples and narrated as these are target compounds for the client.

Dibromofluoromethane (Surr) failed the surrogate recovery criteria high for PIN12-0539MS (280-74439-1MS). Refer to the QC report for details.

Toluene and trans-1,2-Dichloroethene failed the recovery criteria high for the MS of sample PIN12-0539MS (280-74439-1) in batch 280-296721.

Carbon tetrachloride failed the recovery criteria high for the MS of sample PIN12-0542MS (280-74439-4) in batch 280-296866.

Refer to the QC report for details.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

VOLATILE ORGANIC COMPOUNDS (GC-MS SIM)

The samples in batch 296300, batch 296106 and batch 296723 required the addition of a silicon-based anti-foaming agent prior to analysis to protect the equipment. The anti-foam was also added to the Method Blanks to demonstrate that they are free of contamination.

The recovery for 1,4-Dioxane exceeded the calibration curve in sample PIN12-S71D (280-74439-44). Data was flagged "E". The calibration is 1-20 uL/L, and the sample has 1,4-Dioxane at 23 ul/L. There was not enough sample volume available to perform an additional analysis.

1,4-Dioxane failed the recovery criteria high for the MSD of sample PIN12-0540MSD (280-74439-2) in batch 280-296106. 1,4-Dioxane exceeded the RPD limit.

Refer to the QC report for details.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

**Job Narrative
280-74439-1**

Method(s) 8260B SIM: In

Method(s) 8260B SIM: In batch 296106 the following samples required the addition of 1-4uL of a silicon-based anti-foaming agent prior to analysis to protect the equipment. The anti-foam was also added to the Method Blank to demonstrate that it is free of contamination.

Method(s) 8260B SIM: In batch 296723 the following samples required the addition of 2uL of a silicon-based anti-foaming agent prior to analysis to protect the equipment. The anti-foam was also added to the Method Blank to demonstrate that it is free of contamination.

Method(s) 8260B SIM: In batch 296723 the following sample has 1,4-Dioxane recovery higher than the calibration levels. The calibration is 1-20 uL/L, and the sample has 1,4-Dioxane at 23 ul/L. The sample was received with insufficient volume to do an additional analysis as this was the third for 8260_SIM, and 8260B had yet to be completed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-74439-1SDG No.: 15087320Instrument ID: VMS_H Analysis Batch Number: 293229Lab Sample ID: IC 280-293229/16 Client Sample ID: _____Date Analyzed: 09/02/15 03:47 Lab File ID: H6483.D GC Column: DB-624 (75.53 ID: 0.53 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Acetonitrile	3.91	Split Peak	wickhamt	09/02/15 08:06

Lab Sample ID: IC 280-293229/17 Client Sample ID: _____Date Analyzed: 09/02/15 04:10 Lab File ID: H6484.D GC Column: DB-624 (75.53 ID: 0.53 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Acetonitrile	3.89	Split Peak	wickhamt	09/02/15 08:12

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-74439-1SDG No.: 15087320Instrument ID: VMS_H Analysis Batch Number: 296721Lab Sample ID: 280-74439-1 MSD Client Sample ID: PIN12-0539 MSDDate Analyzed: 09/28/15 13:34 Lab File ID: H7515.D GC Column: DB-624 (75.53 ID: 0.53 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloromethane	2.29	Shouldering	wickhamt	09/28/15 14:06

Lab Sample ID: 280-74439-6 Client Sample ID: PIN12-0551-2Date Analyzed: 09/28/15 14:44 Lab File ID: H7518.D GC Column: DB-624 (75.53 ID: 0.53 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Acetone	3.58	Baseline	wickhamt	09/28/15 15:06
TBA-d9 (IS)	4.15	Wrong peak	wickhamt	09/28/15 15:06

Lab Sample ID: 280-74439-12 Client Sample ID: _____Date Analyzed: 09/28/15 15:53 Lab File ID: H7521.D GC Column: DB-624 (75.53 ID: 0.53 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
TBA-d9 (IS)	4.00	Split Peak	wickhamt	09/29/15 07:07

Lab Sample ID: 280-74439-14 Client Sample ID: PIN12-0569-2Date Analyzed: 09/28/15 16:39 Lab File ID: H7523.D GC Column: DB-624 (75.53 ID: 0.53 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Acetone	3.51	Baseline	wickhamt	09/29/15 07:14

Lab Sample ID: 280-74439-19 Client Sample ID: PIN12-0572-1Date Analyzed: 09/28/15 18:35 Lab File ID: H7528.D GC Column: DB-624 (75.53 ID: 0.53 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Acetone	3.53	Baseline	wickhamt	09/29/15 07:12

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-74439-1SDG No.: 15087320Instrument ID: VMS_MS1 Analysis Batch Number: 294712Lab Sample ID: STD60 280-294712/16 IC Client Sample ID: _____Date Analyzed: 09/14/15 12:46 Lab File ID: MS2461.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
m-Xylene & p-Xylene	10.39	Wrong peak	wickhamt	09/14/15 13:40

Lab Sample ID: STD01 280-294712/18 IC Client Sample ID: _____Date Analyzed: 09/14/15 14:09 Lab File ID: MS2465.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Acetonitrile	5.99	Split Peak	wickhamt	09/15/15 07:13

Lab Sample ID: STD02 280-294712/19 IC Client Sample ID: _____Date Analyzed: 09/14/15 14:30 Lab File ID: MS2466.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Acetonitrile	5.99	Split Peak	wickhamt	09/15/15 07:13

Lab Sample ID: STD05 280-294712/20 IC Client Sample ID: _____Date Analyzed: 09/14/15 14:50 Lab File ID: MS2467.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Ethanol	5.38	Split Peak	wickhamt	09/15/15 07:14
Acetonitrile	5.99	Split Peak	wickhamt	09/15/15 07:13

Lab Sample ID: ICIS 280-294712/21 Client Sample ID: _____Date Analyzed: 09/14/15 15:11 Lab File ID: MS2468.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Ethanol	5.38	Split Peak	wickhamt	09/15/15 07:14

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-74439-1SDG No.: 15087320Instrument ID: VMS_MS1 Analysis Batch Number: 294712Lab Sample ID: STD30 280-294712/22 IC Client Sample ID: _____Date Analyzed: 09/14/15 15:32 Lab File ID: MS2469.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2-Propanol	5.80	Assign Peak	wickhamt	09/15/15 06:58

Lab Sample ID: ICV 280-294712/24 Client Sample ID: _____Date Analyzed: 09/14/15 16:34 Lab File ID: MS2472.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Ethanol	5.38	Split Peak	wickhamt	09/15/15 07:16

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-74439-1

SDG No.: 15087320

Instrument ID: VMS_MS1 Analysis Batch Number: 296866

Lab Sample ID: 280-74439-4 MS Client Sample ID: _____

Date Analyzed: 09/29/15 10:21 Lab File ID: MS3125.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
TBA-d9 (IS)	6.13	Split Peak	wickhamt	09/29/15 12:11

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-74439-1SDG No.: 15087320Instrument ID: VMS_E Analysis Batch Number: 294673Lab Sample ID: IC 280-294673/6 Client Sample ID: _____Date Analyzed: 09/14/15 08:22 Lab File ID: E0189.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,2-Dibromoethane	8.29	Baseline	moanm	09/14/15 10:12

Lab Sample ID: IC 280-294673/7 Client Sample ID: _____Date Analyzed: 09/14/15 08:41 Lab File ID: E0190.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,2-Dibromoethane	8.29	Baseline	moanm	09/14/15 10:13
1,2-Dibromo-3-Chloropropane	10.90	Baseline	moanm	09/14/15 10:13

Lab Sample ID: IC 280-294673/8 Client Sample ID: _____Date Analyzed: 09/14/15 08:59 Lab File ID: E0191.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane-d8	7.27	Baseline	moanm	09/14/15 10:25

Lab Sample ID: IC 280-294673/9 Client Sample ID: _____Date Analyzed: 09/14/15 09:17 Lab File ID: E0192.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	7.27	Baseline	moanm	09/14/15 10:26
1,4-Dioxane-d8	7.27	Baseline	moanm	09/14/15 10:26
1,2-Dibromoethane	8.29	Baseline	moanm	09/14/15 10:26

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-74439-1SDG No.: 15087320Instrument ID: VMS_E Analysis Batch Number: 294673Lab Sample ID: IC 280-294673/10 Client Sample ID: _____Date Analyzed: 09/14/15 09:36 Lab File ID: E0193.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	7.27	Baseline	moanm	09/14/15 10:27
1,4-Dioxane-d8	7.27	Baseline	moanm	09/14/15 10:27
1,2-Dibromoethane	8.29	Baseline	moanm	09/14/15 10:27

Lab Sample ID: ICIS 280-294673/11 Client Sample ID: _____Date Analyzed: 09/14/15 09:55 Lab File ID: E0194.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane-d8	7.27	Baseline	moanm	09/14/15 10:24
1,2-Dibromoethane	8.29	Baseline	moanm	09/14/15 10:24

Lab Sample ID: IC 280-294673/12 Client Sample ID: _____Date Analyzed: 09/14/15 10:13 Lab File ID: E0195.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	7.27	Baseline	moanm	09/14/15 10:28
1,4-Dioxane-d8	7.27	Baseline	moanm	09/14/15 10:28

Lab Sample ID: IC 280-294673/13 Client Sample ID: _____Date Analyzed: 09/14/15 10:32 Lab File ID: E0196.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	7.27	Baseline	moanm	09/14/15 10:52
1,4-Dioxane-d8	7.27	Baseline	moanm	09/14/15 10:52

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-74439-1

SDG No.: 15087320

Instrument ID: VMS_E Analysis Batch Number: 294673

Lab Sample ID: ICV 280-294673/14 Client Sample ID: _____

Date Analyzed: 09/14/15 11:09 Lab File ID: E0198.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	7.27	Baseline	moanm	09/14/15 11:42
1,4-Dioxane-d8	7.27	Baseline	moanm	09/14/15 11:42
1,2-Dibromoethane	8.29	Baseline	moanm	09/14/15 11:42

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-74439-1SDG No.: 15087320Instrument ID: VMS_E Analysis Batch Number: 296106Lab Sample ID: CCV 280-296106/2 Client Sample ID: _____Date Analyzed: 09/23/15 07:18 Lab File ID: E0363.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane-d8	7.24	Wrong peak	moanm	09/23/15 07:36

Lab Sample ID: LCS 280-296106/3 Client Sample ID: _____Date Analyzed: 09/23/15 07:36 Lab File ID: E0364.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane-d8	7.24	Baseline	moanm	09/23/15 08:20
1,4-Dioxane	7.27	Baseline	moanm	09/23/15 08:20

Lab Sample ID: MB 280-296106/5 Client Sample ID: _____Date Analyzed: 09/23/15 07:54 Lab File ID: E0365.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane-d8	7.24	Wrong peak	moanm	09/23/15 08:22

Lab Sample ID: 280-74439-2 Client Sample ID: PIN12-0540Date Analyzed: 09/23/15 09:17 Lab File ID: E0369.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	7.27	Baseline	moanm	09/23/15 09:41
1,4-Dioxane-d8	7.27	Baseline	moanm	09/23/15 09:41

Lab Sample ID: 280-74439-2 MS Client Sample ID: _____Date Analyzed: 09/23/15 09:35 Lab File ID: E0370.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane-d8	7.27	Baseline	moanm	09/23/15 10:01

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-74439-1SDG No.: 15087320Instrument ID: VMS_E Analysis Batch Number: 296106Lab Sample ID: 280-74439-2 MSD Client Sample ID: _____Date Analyzed: 09/23/15 09:53 Lab File ID: E0371.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane-d8	7.27	Baseline	moanm	09/23/15 10:39

Lab Sample ID: 280-74439-1 Client Sample ID: _____Date Analyzed: 09/23/15 10:31 Lab File ID: E0373.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane-d8	7.27	Baseline	moanm	09/23/15 11:11

Lab Sample ID: 280-74439-3 Client Sample ID: _____Date Analyzed: 09/23/15 16:22 Lab File ID: E0392.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane-d8	7.27	Baseline	moanm	09/24/15 14:23

Lab Sample ID: 280-74439-4 Client Sample ID: PIN12-0542Date Analyzed: 09/23/15 16:40 Lab File ID: E0393.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	7.27	Baseline	moanm	09/24/15 14:23
1,4-Dioxane-d8	7.27	Baseline	moanm	09/24/15 14:23

Lab Sample ID: 280-74439-5 Client Sample ID: _____Date Analyzed: 09/23/15 16:59 Lab File ID: E0394.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane-d8	7.27	Baseline	moanm	09/24/15 14:25

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-74439-1SDG No.: 15087320Instrument ID: VMS_E Analysis Batch Number: 296106Lab Sample ID: 280-74439-6 Client Sample ID: _____Date Analyzed: 09/23/15 17:18 Lab File ID: E0395.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane-d8	7.27	Baseline	moanm	09/24/15 14:27

Lab Sample ID: 280-74439-7 Client Sample ID: _____Date Analyzed: 09/23/15 17:36 Lab File ID: E0396.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane-d8	7.27	Baseline	moanm	09/24/15 14:28

Lab Sample ID: 280-74439-8 Client Sample ID: _____Date Analyzed: 09/23/15 17:55 Lab File ID: E0397.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane-d8	7.24	Baseline	moanm	09/24/15 14:29

Lab Sample ID: 280-74439-9 Client Sample ID: _____Date Analyzed: 09/23/15 18:13 Lab File ID: E0398.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane-d8	7.27	Baseline	moanm	09/24/15 14:30

Lab Sample ID: 280-74439-10 Client Sample ID: _____Date Analyzed: 09/23/15 18:32 Lab File ID: E0399.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane-d8	7.27	Baseline	moanm	09/24/15 14:31

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-74439-1

SDG No.: 15087320

Instrument ID: VMS_E Analysis Batch Number: 296106

Lab Sample ID: 280-74439-11 Client Sample ID: PIN12-0568-2

Date Analyzed: 09/23/15 18:50 Lab File ID: E0400.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	7.27	Baseline	moanm	09/24/15 14:32
1,4-Dioxane-d8	7.27	Baseline	moanm	09/24/15 14:32

Lab Sample ID: 280-74439-12 Client Sample ID: _____

Date Analyzed: 09/23/15 19:08 Lab File ID: E0401.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane-d8	7.27	Baseline	moanm	09/24/15 14:32

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-74439-1

SDG No.: 15087320

Instrument ID: VMS_E Analysis Batch Number: 296300

Lab Sample ID: CCV 280-296300/2 Client Sample ID: _____

Date Analyzed: 09/24/15 07:44 Lab File ID: E0408.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane-d8	7.24	Baseline	moanm	09/24/15 08:35
1,4-Dioxane	7.27	Baseline	moanm	09/24/15 08:35

Lab Sample ID: LCS 280-296300/3 Client Sample ID: _____

Date Analyzed: 09/24/15 08:02 Lab File ID: E0409.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane-d8	7.24	Baseline	moanm	09/24/15 08:36

Lab Sample ID: MB 280-296300/5 Client Sample ID: _____

Date Analyzed: 09/24/15 08:21 Lab File ID: E0410.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane-d8	7.24	Baseline	moanm	09/24/15 08:37

Lab Sample ID: 280-74439-13 Client Sample ID: _____

Date Analyzed: 09/24/15 08:46 Lab File ID: E0411.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane-d8	7.27	Baseline	moanm	09/24/15 09:23

Lab Sample ID: 280-74439-13 MS Client Sample ID: PIN12-0569-1 MS

Date Analyzed: 09/24/15 09:09 Lab File ID: E0412.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	7.27	Baseline	moanm	09/24/15 09:27
1,4-Dioxane-d8	7.27	Baseline	moanm	09/24/15 09:27

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-74439-1SDG No.: 15087320Instrument ID: VMS_E Analysis Batch Number: 296300Lab Sample ID: 280-74439-13 MSD Client Sample ID: PIN12-0569-1 MSDDate Analyzed: 09/24/15 09:27 Lab File ID: E0413.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	7.27	Baseline	moanm	09/24/15 10:30
1,4-Dioxane-d8	7.27	Baseline	moanm	09/24/15 10:30

Lab Sample ID: 280-74439-15 Client Sample ID: PIN12-0569-3Date Analyzed: 09/24/15 10:22 Lab File ID: E0416.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	7.27	Baseline	moanm	09/24/15 10:43
1,4-Dioxane-d8	7.27	Baseline	moanm	09/24/15 10:43

Lab Sample ID: 280-74439-16 Client Sample ID: _____Date Analyzed: 09/24/15 10:40 Lab File ID: E0417.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane-d8	7.27	Baseline	moanm	09/24/15 11:04

Lab Sample ID: 280-74439-17 Client Sample ID: _____Date Analyzed: 09/24/15 10:59 Lab File ID: E0418.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane-d8	7.27	Baseline	moanm	09/24/15 11:19

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-74439-1SDG No.: 15087320Instrument ID: VMS_E Analysis Batch Number: 296300Lab Sample ID: 280-74439-18 Client Sample ID: PIN12-0570-3Date Analyzed: 09/24/15 11:18 Lab File ID: E0419.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	7.27	Baseline	moanm	09/24/15 11:58
1,4-Dioxane-d8	7.27	Baseline	moanm	09/24/15 11:58

Lab Sample ID: 280-74439-19 Client Sample ID: _____Date Analyzed: 09/24/15 11:36 Lab File ID: E0420.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane-d8	7.27	Baseline	moanm	09/24/15 11:59

Lab Sample ID: 280-74439-20 Client Sample ID: _____Date Analyzed: 09/24/15 11:55 Lab File ID: E0421.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane-d8	7.27	Baseline	moanm	09/24/15 12:16

Lab Sample ID: 280-74439-21 Client Sample ID: _____Date Analyzed: 09/24/15 12:13 Lab File ID: E0422.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane-d8	7.27	Baseline	moanm	09/24/15 13:00

Lab Sample ID: 280-74439-23 Client Sample ID: PIN12-0573-3Date Analyzed: 09/24/15 12:50 Lab File ID: E0424.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	7.27	Baseline	moanm	09/24/15 13:13
1,4-Dioxane-d8	7.27	Baseline	moanm	09/24/15 13:13

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-74439-1SDG No.: 15087320Instrument ID: VMS_E Analysis Batch Number: 296300Lab Sample ID: 280-74439-24 Client Sample ID: _____Date Analyzed: 09/24/15 13:08 Lab File ID: E0425.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane-d8	7.27	Baseline	moanm	09/24/15 13:47

Lab Sample ID: 280-74439-25 Client Sample ID: _____Date Analyzed: 09/24/15 13:27 Lab File ID: E0426.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane-d8	7.27	Baseline	moanm	09/24/15 13:48

Lab Sample ID: 280-74439-26 Client Sample ID: _____Date Analyzed: 09/24/15 13:46 Lab File ID: E0427.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane-d8	7.27	Baseline	moanm	09/24/15 14:19

Lab Sample ID: 280-74439-27 Client Sample ID: _____Date Analyzed: 09/24/15 14:05 Lab File ID: E0428.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane-d8	7.27	Baseline	moanm	09/24/15 14:34

Lab Sample ID: 280-74439-28 Client Sample ID: PIN12-0586-2Date Analyzed: 09/24/15 14:23 Lab File ID: E0429.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	7.27	Baseline	moanm	09/24/15 14:39
1,4-Dioxane-d8	7.27	Baseline	moanm	09/24/15 14:39

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-74439-1SDG No.: 15087320Instrument ID: VMS_E Analysis Batch Number: 296300Lab Sample ID: 280-74439-29 Client Sample ID: _____Date Analyzed: 09/24/15 14:42 Lab File ID: E0430.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane-d8	7.27	Baseline	moanm	09/25/15 06:36

Lab Sample ID: 280-74439-31 Client Sample ID: _____Date Analyzed: 09/24/15 15:00 Lab File ID: E0431.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane-d8	7.27	Baseline	moanm	09/25/15 06:37

Lab Sample ID: 280-74439-33 Client Sample ID: _____Date Analyzed: 09/24/15 15:18 Lab File ID: E0432.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane-d8	7.27	Baseline	moanm	09/25/15 06:37

Lab Sample ID: 280-74439-34 Client Sample ID: PIN12-S68CDate Analyzed: 09/24/15 15:37 Lab File ID: E0433.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	7.27	Baseline	moanm	09/25/15 06:38
1,4-Dioxane-d8	7.27	Baseline	moanm	09/25/15 06:38

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-74439-1SDG No.: 15087320Instrument ID: VMS_E Analysis Batch Number: 296456Lab Sample ID: CCV 280-296456/2 Client Sample ID: _____Date Analyzed: 09/25/15 08:08 Lab File ID: E0438.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane-d8	7.27	Baseline	moanm	09/25/15 08:51

Lab Sample ID: LCS 280-296456/3 Client Sample ID: _____Date Analyzed: 09/25/15 08:27 Lab File ID: E0439.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane-d8	7.24	Baseline	moanm	09/25/15 08:46

Lab Sample ID: MB 280-296456/5 Client Sample ID: _____Date Analyzed: 09/25/15 08:45 Lab File ID: E0440.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane-d8	7.24	Baseline	moanm	09/25/15 09:04

Lab Sample ID: 280-74439-35 Client Sample ID: _____Date Analyzed: 09/25/15 09:04 Lab File ID: E0441.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane-d8	7.24	Baseline	moanm	09/25/15 10:16

Lab Sample ID: 280-74439-36 Client Sample ID: _____Date Analyzed: 09/25/15 09:22 Lab File ID: E0442.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane-d8	7.27	Baseline	moanm	09/25/15 10:17

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-74439-1SDG No.: 15087320Instrument ID: VMS_E Analysis Batch Number: 296456Lab Sample ID: 280-74439-37 Client Sample ID: _____Date Analyzed: 09/25/15 09:41 Lab File ID: E0443.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane-d8	7.24	Baseline	moanm	09/25/15 10:18

Lab Sample ID: 280-74439-35 MS Client Sample ID: _____Date Analyzed: 09/25/15 10:01 Lab File ID: E0444.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane-d8	7.31	Baseline	moanm	09/25/15 10:20

Lab Sample ID: 280-74439-35 MSD Client Sample ID: PIN12-S68D MSDDate Analyzed: 09/25/15 10:20 Lab File ID: E0445.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	7.27	Baseline	moanm	09/25/15 10:39
1,4-Dioxane-d8	7.27	Baseline	moanm	09/25/15 10:39

Lab Sample ID: 280-74439-38 Client Sample ID: _____Date Analyzed: 09/25/15 10:38 Lab File ID: E0446.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane-d8	7.27	Baseline	moanm	09/25/15 11:05
1,4-Dioxane	7.31	Baseline	moanm	09/25/15 11:05

Lab Sample ID: 280-74439-39 Client Sample ID: _____Date Analyzed: 09/25/15 10:57 Lab File ID: E0447.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane-d8	7.27	Baseline	moanm	09/25/15 11:38

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-74439-1SDG No.: 15087320Instrument ID: VMS_E Analysis Batch Number: 296456Lab Sample ID: 280-74439-40 Client Sample ID: _____Date Analyzed: 09/25/15 11:15 Lab File ID: E0448.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane-d8	7.27	Baseline	moanm	09/25/15 11:41

Lab Sample ID: 280-74439-41 Client Sample ID: _____Date Analyzed: 09/25/15 11:34 Lab File ID: E0449.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane-d8	7.24	Baseline	moanm	09/25/15 12:19
1,4-Dioxane	7.27	Baseline	moanm	09/25/15 12:19

Lab Sample ID: 280-74439-42 Client Sample ID: PIN12-S71BDate Analyzed: 09/25/15 11:52 Lab File ID: E0450.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	7.27	Baseline	moanm	09/25/15 12:20
1,4-Dioxane-d8	7.27	Baseline	moanm	09/25/15 12:19

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-74439-1SDG No.: 15087320Instrument ID: VMS_E Analysis Batch Number: 296723Lab Sample ID: CCV 280-296723/2 Client Sample ID: _____Date Analyzed: 09/28/15 07:27 Lab File ID: E0472.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane-d8	7.24	Baseline	moanm	09/28/15 07:50

Lab Sample ID: LCS 280-296723/3 Client Sample ID: _____Date Analyzed: 09/28/15 07:45 Lab File ID: E0473.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane-d8	7.24	Baseline	moanm	09/28/15 08:03
1,4-Dioxane	7.27	Baseline	moanm	09/28/15 08:03

Lab Sample ID: MB 280-296723/5 Client Sample ID: _____Date Analyzed: 09/28/15 08:03 Lab File ID: E0474.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane-d8	7.24	Baseline	moanm	09/28/15 08:20

Lab Sample ID: 280-74516-M-1 MS Client Sample ID: _____Date Analyzed: 09/28/15 09:20 Lab File ID: E0477.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane-d8	7.27	Baseline	moanm	09/28/15 09:58

Lab Sample ID: 280-74516-M-1 MSD Client Sample ID: _____Date Analyzed: 09/28/15 09:39 Lab File ID: E0478.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane-d8	7.27	Peak Tail	moanm	09/28/15 09:58

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-74439-1SDG No.: 15087320Instrument ID: VMS_E Analysis Batch Number: 296723Lab Sample ID: 280-74439-43 Client Sample ID: _____Date Analyzed: 09/28/15 10:34 Lab File ID: E0481.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane-d8	7.27	Baseline	moanm	09/28/15 11:14

Lab Sample ID: 280-74439-44 Client Sample ID: _____Date Analyzed: 09/28/15 10:54 Lab File ID: E0482.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane-d8	7.27	Baseline	moanm	09/29/15 05:39

Lab Sample ID: 280-74439-45 Client Sample ID: PIN12-S73BDate Analyzed: 09/28/15 11:12 Lab File ID: E0483.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	7.27	Baseline	moanm	09/28/15 12:06
1,4-Dioxane-d8	7.27	Baseline	moanm	09/28/15 12:06

Lab Sample ID: 280-74439-46 Client Sample ID: PIN12-S73CDate Analyzed: 09/28/15 12:47 Lab File ID: E0488.D GC Column: DB-624 (60.25 ID: 0.25 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	7.27	Peak Tail	moanm	09/29/15 05:28
1,4-Dioxane-d8	7.27	Baseline	moanm	09/29/15 05:28

SAMPLE SUMMARY

Client: S.M. Stoller Corporation

Job Number: 280-74439-1
Sdg Number: 15087320

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
280-74439-1	PIN12-0539	Water	09/15/2015 1545	09/18/2015 0920
280-74439-1MS	PIN12-0539	Water	09/15/2015 1545	09/18/2015 0920
280-74439-1MSD	PIN12-0539	Water	09/15/2015 1545	09/18/2015 0920
280-74439-2	PIN12-0540	Water	09/15/2015 1620	09/18/2015 0920
280-74439-2MS	PIN12-0540	Water	09/15/2015 1620	09/18/2015 0920
280-74439-2MSD	PIN12-0540	Water	09/15/2015 1620	09/18/2015 0920
280-74439-3	PIN12-0541	Water	09/15/2015 1700	09/18/2015 0920
280-74439-4	PIN12-0542	Water	09/16/2015 0835	09/18/2015 0920
280-74439-5	PIN12-0549	Water	09/16/2015 0915	09/18/2015 0920
280-74439-6	PIN12-0551-2	Water	09/15/2015 1725	09/18/2015 0920
280-74439-7	PIN12-0555A	Water	09/16/2015 1000	09/18/2015 0920
280-74439-8	PIN12-0555B	Water	09/16/2015 1025	09/18/2015 0920
280-74439-9	PIN12-0555C	Water	09/16/2015 1055	09/18/2015 0920
280-74439-10	PIN12-0568-1	Water	09/15/2015 1035	09/18/2015 0920
280-74439-11	PIN12-0568-2	Water	09/15/2015 1055	09/18/2015 0920
280-74439-12	PIN12-0568-3	Water	09/15/2015 1115	09/18/2015 0920
280-74439-13	PIN12-0569-1	Water	09/15/2015 1310	09/18/2015 0920
280-74439-14	PIN12-0569-2	Water	09/15/2015 1330	09/18/2015 0920
280-74439-15	PIN12-0569-3	Water	09/15/2015 1355	09/18/2015 0920
280-74439-16	PIN12-0570-1	Water	09/15/2015 0925	09/18/2015 0920
280-74439-17	PIN12-0570-2	Water	09/15/2015 0945	09/18/2015 0920
280-74439-18	PIN12-0570-3	Water	09/15/2015 1010	09/18/2015 0920
280-74439-19	PIN12-0572-1	Water	09/15/2015 0750	09/18/2015 0920
280-74439-20	PIN12-0572-2	Water	09/15/2015 0840	09/18/2015 0920
280-74439-21	PIN12-0573-1	Water	09/15/2015 1430	09/18/2015 0920
280-74439-22	PIN12-0573-2	Water	09/15/2015 1450	09/18/2015 0920
280-74439-23	PIN12-0573-3	Water	09/15/2015 1510	09/18/2015 0920
280-74439-24	PIN12-0578-1	Water	09/16/2015 0835	09/18/2015 0920
280-74439-25	PIN12-0578-2	Water	09/16/2015 0850	09/18/2015 0920
280-74439-26	PIN12-0578-3	Water	09/16/2015 0910	09/18/2015 0920
280-74439-27	PIN12-0586-1	Water	09/15/2015 0825	09/18/2015 0920
280-74439-28	PIN12-0586-2	Water	09/15/2015 0850	09/18/2015 0920
280-74439-29	PIN12-0586-3	Water	09/15/2015 0930	09/18/2015 0920
280-74439-30	PIN99-2199	Water	09/15/2015 0930	09/18/2015 0920
280-74439-31	PIN12-2450	Water	09/16/2015 0840	09/18/2015 0920
280-74439-32	PIN99-2690	Water	09/15/2015 1000	09/18/2015 0920
280-74439-33	PIN12-S68B	Water	09/15/2015 1135	09/18/2015 0920
280-74439-34	PIN12-S68C	Water	09/15/2015 1050	09/18/2015 0920
280-74439-35	PIN12-S68D	Water	09/15/2015 1245	09/18/2015 0920
280-74439-36	PIN12-S69B	Water	09/16/2015 1020	09/18/2015 0920
280-74439-37	PIN12-S69C	Water	09/16/2015 1050	09/18/2015 0920
280-74439-38	PIN12-S69D	Water	09/16/2015 1405	09/18/2015 0920
280-74439-39	PIN12-S70B	Water	09/16/2015 1445	09/18/2015 0920
280-74439-40	PIN12-S70C	Water	09/16/2015 1555	09/18/2015 0920
280-74439-41	PIN12-S70D	Water	09/16/2015 1615	09/18/2015 0920
280-74439-42	PIN12-S71B	Water	09/16/2015 1405	09/18/2015 0920
280-74439-43	PIN12-S71C	Water	09/16/2015 1430	09/18/2015 0920
280-74439-44	PIN12-S71D	Water	09/16/2015 1515	09/18/2015 0920
280-74439-45	PIN12-S73B	Water	09/15/2015 1440	09/18/2015 0920
280-74439-46	PIN12-S73C	Water	09/15/2015 1400	09/18/2015 0920

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-74439-1	PIN12-0539					
Acetone		2.0	J F1 F2	10	ug/L	8260B
cis-1,2-Dichloroethene		0.16	J	1.0	ug/L	8260B
trans-1,2-Dichloroethene		0.35	J F1	1.0	ug/L	8260B
Vinyl chloride		3.2		1.0	ug/L	8260B
1,4-Dioxane		2.5		1.0	ug/L	8260B SIM
280-74439-2	PIN12-0540					
1,1-Dichloroethane		6.4		1.0	ug/L	8260B
trans-1,2-Dichloroethene		7.7		1.0	ug/L	8260B
Naphthalene		0.26	J B	1.0	ug/L	8260B
Toluene		0.26	J	1.0	ug/L	8260B
Vinyl chloride		28		1.0	ug/L	8260B
1,4-Dioxane		150	F1 F2	20	ug/L	8260B SIM
280-74439-3	PIN12-0541					
Acetone		6.2	J	10	ug/L	8260B
cis-1,2-Dichloroethene		0.37	J	1.0	ug/L	8260B
1,4-Dioxane		1.5		1.0	ug/L	8260B SIM
280-74439-4	PIN12-0542					
Chloromethane		0.35	J	1.0	ug/L	8260B
1,1-Dichloroethane		0.51	J	1.0	ug/L	8260B
cis-1,2-Dichloroethene		0.82	J	1.0	ug/L	8260B
Styrene		0.47	J B	1.0	ug/L	8260B
1,4-Dioxane		2.9		1.0	ug/L	8260B SIM
280-74439-5	PIN12-0549					
Acetone		4.3	J	10	ug/L	8260B
Chloromethane		0.37	J	1.0	ug/L	8260B
1,1-Dichloroethane		0.44	J	1.0	ug/L	8260B
cis-1,2-Dichloroethene		0.31	J	1.0	ug/L	8260B
1,4-Dioxane		3.2		1.0	ug/L	8260B SIM
280-74439-6	PIN12-0551-2					
Acetone		9.8	J	10	ug/L	8260B
1,2,3-Trichloropropane		5.2	*	1.0	ug/L	8260B
280-74439-7	PIN12-0555A					
Acetone		2.7	J	10	ug/L	8260B

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-74439-8 Acetone	PIN12-0555B	2.4	J	10	ug/L	8260B
280-74439-9 Acetone	PIN12-0555C	3.2	J	10	ug/L	8260B
cis-1,2-Dichloroethene		1.0		1.0	ug/L	8260B
trans-1,2-Dichloroethene		0.34	J	1.0	ug/L	8260B
1,4-Dioxane		0.27	J	1.0	ug/L	8260B SIM
280-74439-10 Acetone	PIN12-0568-1	3.7	J	10	ug/L	8260B
Chloromethane		0.45	J	1.0	ug/L	8260B
280-74439-11 Chloromethane	PIN12-0568-2	0.81	J	1.0	ug/L	8260B
1,4-Dioxane		1.2		1.0	ug/L	8260B SIM
280-74439-13 Acetone	PIN12-0569-1	3.9	J	10	ug/L	8260B
1,4-Dioxane		0.52	J	1.0	ug/L	8260B SIM
280-74439-14 Acetone	PIN12-0569-2	2.1	J	10	ug/L	8260B
1,1-Dichloroethane		0.24	J	1.0	ug/L	8260B
cis-1,2-Dichloroethene		1.0		1.0	ug/L	8260B
Vinyl chloride		4.2		1.0	ug/L	8260B
1,4-Dioxane		1.5		1.0	ug/L	8260B SIM
280-74439-15 Acetone	PIN12-0569-3	4.1	J	10	ug/L	8260B
1,1-Dichloroethane		0.27	J	1.0	ug/L	8260B
cis-1,2-Dichloroethene		21		1.0	ug/L	8260B
trans-1,2-Dichloroethene		0.38	J	1.0	ug/L	8260B
1,1-Dichloroethene		0.93	J	1.0	ug/L	8260B
Vinyl chloride		33		1.0	ug/L	8260B
1,4-Dioxane		1.8		1.0	ug/L	8260B SIM

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-74439-17	PIN12-0570-2					
Acetone		3.8	J	10	ug/L	8260B
Vinyl chloride		0.71	J	1.0	ug/L	8260B
1,4-Dioxane		1.2		1.0	ug/L	8260B SIM
280-74439-18	PIN12-0570-3					
Acetone		3.7	J	10	ug/L	8260B
Chloromethane		0.40	J	1.0	ug/L	8260B
cis-1,2-Dichloroethene		0.19	J	1.0	ug/L	8260B
Vinyl chloride		3.5		1.0	ug/L	8260B
1,4-Dioxane		1.6		1.0	ug/L	8260B SIM
280-74439-19	PIN12-0572-1					
Acetone		3.5	J	10	ug/L	8260B
cis-1,2-Dichloroethene		0.18	J	1.0	ug/L	8260B
280-74439-20	PIN12-0572-2					
Acetone		9.7	J	10	ug/L	8260B
cis-1,2-Dichloroethene		0.62	J	1.0	ug/L	8260B
Vinyl chloride		28		1.0	ug/L	8260B
1,4-Dioxane		5.6		1.0	ug/L	8260B SIM
280-74439-21	PIN12-0573-1					
Acetone		3.1	J	10	ug/L	8260B
280-74439-22	PIN12-0573-2					
Acetone		2.5	J	10	ug/L	8260B
1,4-Dioxane		0.50	J	1.0	ug/L	8260B SIM
280-74439-23	PIN12-0573-3					
Acetone		2.5	J	10	ug/L	8260B
1,4-Dioxane		0.55	J	1.0	ug/L	8260B SIM
280-74439-24	PIN12-0578-1					
Acetone		2.8	J	10	ug/L	8260B
Chloromethane		0.58	J	1.0	ug/L	8260B

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-74439-25	PIN12-0578-2					
Acetone		3.0	J	10	ug/L	8260B
Chloromethane		0.43	J	1.0	ug/L	8260B
1,4-Dioxane		0.60	J	1.0	ug/L	8260B SIM
280-74439-26	PIN12-0578-3					
Acetone		2.3	J	10	ug/L	8260B
Chloromethane		0.39	J	1.0	ug/L	8260B
1,4-Dioxane		0.46	J	1.0	ug/L	8260B SIM
280-74439-27	PIN12-0586-1					
cis-1,2-Dichloroethene		0.67	J	1.0	ug/L	8260B
Vinyl chloride		2.0		1.0	ug/L	8260B
1,4-Dioxane		0.57	J	1.0	ug/L	8260B SIM
280-74439-28	PIN12-0586-2					
1,1-Dichloroethane		0.26	J	1.0	ug/L	8260B
cis-1,2-Dichloroethene		11		1.0	ug/L	8260B
1,1-Dichloroethene		0.33	J	1.0	ug/L	8260B
Vinyl chloride		8.3		1.0	ug/L	8260B
1,4-Dioxane		1.5		1.0	ug/L	8260B SIM
280-74439-29	PIN12-0586-3					
Acetone		2.5	J	10	ug/L	8260B
Vinyl chloride		5.5		1.0	ug/L	8260B
1,4-Dioxane		1.2		1.0	ug/L	8260B SIM
280-74439-31	PIN12-2450					
Acetone		2.4	J	10	ug/L	8260B
Chloromethane		0.34	J	1.0	ug/L	8260B
280-74439-32	PIN99-2690					
Acetone		2.0	J	10	ug/L	8260B
280-74439-33	PIN12-S68B					
1,4-Dioxane		0.36	J	1.0	ug/L	8260B SIM

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-74439-34	PIN12-S68C					
Acetone		2.0	J	10	ug/L	8260B
1,1-Dichloroethane		2.4		1.0	ug/L	8260B
cis-1,2-Dichloroethene		11		1.0	ug/L	8260B
trans-1,2-Dichloroethene		0.22	J	1.0	ug/L	8260B
Vinyl chloride		6.8		1.0	ug/L	8260B
1,4-Dioxane		7.2		1.0	ug/L	8260B SIM
280-74439-35	PIN12-S68D					
Acetone		2.2	J	10	ug/L	8260B
Benzene		0.29	J	1.0	ug/L	8260B
1,1-Dichloroethane		0.75	J	1.0	ug/L	8260B
cis-1,2-Dichloroethene		47		1.0	ug/L	8260B
trans-1,2-Dichloroethene		0.54	J	1.0	ug/L	8260B
Vinyl chloride		16		1.0	ug/L	8260B
1,4-Dioxane		2.1		1.0	ug/L	8260B SIM
280-74439-36	PIN12-S69B					
Acetone		2.0	J	10	ug/L	8260B
Chloromethane		0.35	J	1.0	ug/L	8260B
280-74439-37	PIN12-S69C					
Acetone		2.4	J	10	ug/L	8260B
Chloromethane		0.33	J	1.0	ug/L	8260B
cis-1,2-Dichloroethene		0.60	J	1.0	ug/L	8260B
trans-1,2-Dichloroethene		0.18	J	1.0	ug/L	8260B
Vinyl chloride		0.18	J	1.0	ug/L	8260B
1,4-Dioxane		6.9		1.0	ug/L	8260B SIM
280-74439-38	PIN12-S69D					
Acetone		2.7	J	10	ug/L	8260B
cis-1,2-Dichloroethene		0.40	J	1.0	ug/L	8260B
Vinyl chloride		0.32	J	1.0	ug/L	8260B
1,4-Dioxane		0.90	J	1.0	ug/L	8260B SIM
280-74439-39	PIN12-S70B					
Acetone		2.5	J	10	ug/L	8260B
cis-1,2-Dichloroethene		14		1.0	ug/L	8260B
trans-1,2-Dichloroethene		0.50	J	1.0	ug/L	8260B
Vinyl chloride		4.4		1.0	ug/L	8260B
1,4-Dioxane		0.99	J	1.0	ug/L	8260B SIM

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-74439-40	PIN12-S70C					
Acetone		3.3	J	10	ug/L	8260B
1,1-Dichloroethane		5.4		1.0	ug/L	8260B
cis-1,2-Dichloroethene		10		1.0	ug/L	8260B
trans-1,2-Dichloroethene		2.7		1.0	ug/L	8260B
Vinyl chloride		6.2		1.0	ug/L	8260B
1,4-Dioxane		17		1.0	ug/L	8260B SIM
280-74439-41	PIN12-S70D					
Acetone		2.5	J	10	ug/L	8260B
1,1-Dichloroethane		8.2		1.0	ug/L	8260B
cis-1,2-Dichloroethene		19		1.0	ug/L	8260B
trans-1,2-Dichloroethene		6.8		1.0	ug/L	8260B
1,1-Dichloroethene		0.44	J	1.0	ug/L	8260B
Vinyl chloride		12		1.0	ug/L	8260B
1,4-Dioxane		18		1.0	ug/L	8260B SIM
280-74439-42	PIN12-S71B					
Acetone		1.9	J	10	ug/L	8260B
1,4-Dioxane		0.82	J	1.0	ug/L	8260B SIM
280-74439-43	PIN12-S71C					
Acetone		2.4	J	10	ug/L	8260B
1,1-Dichloroethane		3.3		1.0	ug/L	8260B
cis-1,2-Dichloroethene		19		1.0	ug/L	8260B
trans-1,2-Dichloroethene		11		1.0	ug/L	8260B
Vinyl chloride		48		1.0	ug/L	8260B
1,4-Dioxane		31		2.0	ug/L	8260B SIM
280-74439-44	PIN12-S71D					
Acetone		3.1	J	10	ug/L	8260B
1,1-Dichloroethane		2.3		1.0	ug/L	8260B
cis-1,2-Dichloroethene		27		1.0	ug/L	8260B
trans-1,2-Dichloroethene		12		1.0	ug/L	8260B
1,1-Dichloroethene		0.35	J	1.0	ug/L	8260B
Vinyl chloride		39		1.0	ug/L	8260B
1,4-Dioxane		23	E	1.0	ug/L	8260B SIM

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Lab Sample ID	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-74439-45	PIN12-S73B					
Acetone		6.6	J	10	ug/L	8260B
2-Butanone (MEK)		2.4	J	5.0	ug/L	8260B
Toluene		0.23	J	1.0	ug/L	8260B
Vinyl chloride		0.71	J	1.0	ug/L	8260B
1,4-Dioxane		6.7		1.0	ug/L	8260B SIM
280-74439-46	PIN12-S73C					
1,1-Dichloroethane		5.4		1.0	ug/L	8260B
cis-1,2-Dichloroethene		7.2		1.0	ug/L	8260B
trans-1,2-Dichloroethene		17		1.0	ug/L	8260B
Vinyl chloride		110		4.0	ug/L	8260B
1,4-Dioxane		88		5.0	ug/L	8260B SIM

METHOD SUMMARY

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Volatile Organic Compounds (GC/MS)	TAL DEN	SW846 8260B	
Purge and Trap	TAL DEN		SW846 5030B
Volatile Organic Compounds (GC/MS-SIM)	TAL DEN	SW846 8260B SIM	
Purge and Trap	TAL DEN		SW846 5030B

Lab References:

TAL DEN = TestAmerica Denver

Method References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Method	Analyst	Analyst ID
SW846 8260B	Wickham, Tom A	TAW
SW846 8260B SIM	Moan, Matthew R	MRM

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0539

Lab Sample ID: 280-74439-1

Date Sampled: 09/15/2015 1545

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296721	Instrument ID: VMS_H
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: H7513.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1248		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1248		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	2.0	J F1 F2	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U F1	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U F1	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U F2	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U F2	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U F2	0.13	1.0
cis-1,2-Dichloroethene	0.16	J	0.15	1.0
trans-1,2-Dichloroethene	0.35	J F1	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U F2	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U F2	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0539

Lab Sample ID: 280-74439-1

Date Sampled: 09/15/2015 1545

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296721	Instrument ID: VMS_H
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: H7513.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1248		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1248		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U *	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U F1	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U F1 F2	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U * F1	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	3.2		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94		70 - 127
Toluene-d8 (Surr)	98		80 - 125
4-Bromofluorobenzene (Surr)	92		78 - 120
Dibromofluoromethane (Surr)	106		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0540

Lab Sample ID: 280-74439-2

Date Sampled: 09/15/2015 1620

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296721	Instrument ID: VMS_H
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: H7516.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1357		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1357		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	6.4		0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	7.7		0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.26	J B	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0540

Lab Sample ID: 280-74439-2

Date Sampled: 09/15/2015 1620

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296721	Instrument ID: VMS_H
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: H7516.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1357		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1357		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U *	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.26	J	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U *	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	28		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	89		70 - 127
Toluene-d8 (Surr)	100		80 - 125
4-Bromofluorobenzene (Surr)	86		78 - 120
Dibromofluoromethane (Surr)	106		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0541

Lab Sample ID: 280-74439-3

Date Sampled: 09/15/2015 1700

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296721	Instrument ID: VMS_H
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: H7517.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1421		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1421		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	6.2	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.37	J	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0541

Lab Sample ID: 280-74439-3

Date Sampled: 09/15/2015 1700

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296721	Instrument ID: VMS_H
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: H7517.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1421		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1421		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U *	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U *	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	76		70 - 127
Toluene-d8 (Surr)	110		80 - 125
4-Bromofluorobenzene (Surr)	94		78 - 120
Dibromofluoromethane (Surr)	96		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0542

Lab Sample ID: 280-74439-4

Date Sampled: 09/16/2015 0835

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296866	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3124.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/29/2015 1001		Final Weight/Volume: 20 mL
Prep Date: 09/29/2015 1001		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U F2	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U F2	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U F1	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U F2	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.35	J	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.51	J	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.82	J	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0542

Lab Sample ID: 280-74439-4

Date Sampled: 09/16/2015 0835

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296866	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3124.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/29/2015 1001		Final Weight/Volume: 20 mL
Prep Date: 09/29/2015 1001		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.47	J B	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	92		70 - 127
Toluene-d8 (Surr)	88		80 - 125
4-Bromofluorobenzene (Surr)	96		78 - 120
Dibromofluoromethane (Surr)	103		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0549

Lab Sample ID: 280-74439-5

Date Sampled: 09/16/2015 0915

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-296866	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS3127.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/29/2015 1102			Final Weight/Volume:	20 mL
Prep Date:	09/29/2015 1102				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	4.3	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.37	J	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.44	J	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.31	J	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0549

Lab Sample ID: 280-74439-5

Date Sampled: 09/16/2015 0915

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296866	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3127.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/29/2015 1102		Final Weight/Volume: 20 mL
Prep Date: 09/29/2015 1102		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	98		70 - 127
Toluene-d8 (Surr)	99		80 - 125
4-Bromofluorobenzene (Surr)	107		78 - 120
Dibromofluoromethane (Surr)	103		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0551-2

Lab Sample ID: 280-74439-6

Date Sampled: 09/15/2015 1725

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296721	Instrument ID: VMS_H
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: H7518.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1444		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1444		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	9.8	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0551-2

Lab Sample ID: 280-74439-6

Date Sampled: 09/15/2015 1725

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296721	Instrument ID: VMS_H
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: H7518.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1444		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1444		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U *	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	5.2	*	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	79		70 - 127
Toluene-d8 (Surr)	100		80 - 125
4-Bromofluorobenzene (Surr)	87		78 - 120
Dibromofluoromethane (Surr)	94		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0555A

Lab Sample ID: 280-74439-7

Date Sampled: 09/16/2015 1000

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296866	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3128.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/29/2015 1123		Final Weight/Volume: 20 mL
Prep Date: 09/29/2015 1123		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	2.7	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0555A

Lab Sample ID: 280-74439-7

Date Sampled: 09/16/2015 1000

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296866	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3128.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/29/2015 1123		Final Weight/Volume: 20 mL
Prep Date: 09/29/2015 1123		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	112		70 - 127
Toluene-d8 (Surr)	98		80 - 125
4-Bromofluorobenzene (Surr)	107		78 - 120
Dibromofluoromethane (Surr)	111		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0555B

Lab Sample ID: 280-74439-8

Date Sampled: 09/16/2015 1025

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296866	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3129.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/29/2015 1143		Final Weight/Volume: 20 mL
Prep Date: 09/29/2015 1143		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	2.4	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0555B

Lab Sample ID: 280-74439-8

Date Sampled: 09/16/2015 1025

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296866	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3129.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/29/2015 1143		Final Weight/Volume: 20 mL
Prep Date: 09/29/2015 1143		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	107		70 - 127
Toluene-d8 (Surr)	93		80 - 125
4-Bromofluorobenzene (Surr)	110		78 - 120
Dibromofluoromethane (Surr)	105		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0555C

Lab Sample ID: 280-74439-9

Date Sampled: 09/16/2015 1055

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296866	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3130.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/29/2015 1204		Final Weight/Volume: 20 mL
Prep Date: 09/29/2015 1204		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	3.2	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	1.0		0.15	1.0
trans-1,2-Dichloroethene	0.34	J	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0555C

Lab Sample ID: 280-74439-9

Date Sampled: 09/16/2015 1055

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296866	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3130.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/29/2015 1204		Final Weight/Volume: 20 mL
Prep Date: 09/29/2015 1204		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	108		70 - 127
Toluene-d8 (Surr)	95		80 - 125
4-Bromofluorobenzene (Surr)	104		78 - 120
Dibromofluoromethane (Surr)	104		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0568-1

Lab Sample ID: 280-74439-10

Date Sampled: 09/15/2015 1035

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296721	Instrument ID: VMS_H
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: H7519.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1507		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1507		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	3.7	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.45	J	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0568-1

Lab Sample ID: 280-74439-10

Date Sampled: 09/15/2015 1035

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296721	Instrument ID: VMS_H
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: H7519.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1507		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1507		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U *	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U *	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	83		70 - 127
Toluene-d8 (Surr)	99		80 - 125
4-Bromofluorobenzene (Surr)	90		78 - 120
Dibromofluoromethane (Surr)	97		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0568-2

Lab Sample ID: 280-74439-11

Date Sampled: 09/15/2015 1055

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296721	Instrument ID: VMS_H
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: H7520.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1530		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1530		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.81	J	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0568-2

Lab Sample ID: 280-74439-11

Date Sampled: 09/15/2015 1055

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296721	Instrument ID: VMS_H
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: H7520.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1530		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1530		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U *	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U *	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	87		70 - 127
Toluene-d8 (Surr)	101		80 - 125
4-Bromofluorobenzene (Surr)	91		78 - 120
Dibromofluoromethane (Surr)	113		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0568-3

Lab Sample ID: 280-74439-12

Date Sampled: 09/15/2015 1115

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296721	Instrument ID: VMS_H
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: H7521.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1553		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1553		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0568-3

Lab Sample ID: 280-74439-12

Date Sampled: 09/15/2015 1115

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296721	Instrument ID: VMS_H
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: H7521.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1553		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1553		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U *	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U *	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	77		70 - 127
Toluene-d8 (Surr)	101		80 - 125
4-Bromofluorobenzene (Surr)	90		78 - 120
Dibromofluoromethane (Surr)	95		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0569-1

Lab Sample ID: 280-74439-13

Date Sampled: 09/15/2015 1310

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296721	Instrument ID: VMS_H
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: H7522.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1616		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1616		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	3.9	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0569-1

Lab Sample ID: 280-74439-13

Date Sampled: 09/15/2015 1310

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296721	Instrument ID: VMS_H
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: H7522.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1616		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1616		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U *	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U *	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	83		70 - 127
Toluene-d8 (Surr)	93		80 - 125
4-Bromofluorobenzene (Surr)	88		78 - 120
Dibromofluoromethane (Surr)	97		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0569-2

Lab Sample ID: 280-74439-14

Date Sampled: 09/15/2015 1330

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296721	Instrument ID: VMS_H
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: H7523.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1639		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1639		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	2.1	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.24	J	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	1.0		0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0569-2

Lab Sample ID: 280-74439-14

Date Sampled: 09/15/2015 1330

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B Analysis Batch: 280-296721 Instrument ID: VMS_H
Prep Method: 5030B Prep Batch: N/A Lab File ID: H7523.D
Dilution: 1.0 Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1639 Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1639

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U *	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U *	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	4.2		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	88		70 - 127
Toluene-d8 (Surr)	95		80 - 125
4-Bromofluorobenzene (Surr)	87		78 - 120
Dibromofluoromethane (Surr)	99		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0569-3

Lab Sample ID: 280-74439-15

Date Sampled: 09/15/2015 1355

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296721	Instrument ID: VMS_H
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: H7524.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1703		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1703		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	4.1	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.27	J	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	21		0.15	1.0
trans-1,2-Dichloroethene	0.38	J	0.15	1.0
1,1-Dichloroethene	0.93	J	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0569-3

Lab Sample ID: 280-74439-15

Date Sampled: 09/15/2015 1355

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296721	Instrument ID: VMS_H
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: H7524.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1703		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1703		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U *	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U *	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	33		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	86		70 - 127
Toluene-d8 (Surr)	97		80 - 125
4-Bromofluorobenzene (Surr)	90		78 - 120
Dibromofluoromethane (Surr)	100		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0570-1

Lab Sample ID: 280-74439-16

Date Sampled: 09/15/2015 0925

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296721	Instrument ID: VMS_H
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: H7525.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1726		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1726		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0570-1

Lab Sample ID: 280-74439-16

Date Sampled: 09/15/2015 0925

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296721	Instrument ID: VMS_H
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: H7525.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1726		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1726		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U *	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U *	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	89		70 - 127
Toluene-d8 (Surr)	104		80 - 125
4-Bromofluorobenzene (Surr)	91		78 - 120
Dibromofluoromethane (Surr)	104		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0570-2

Lab Sample ID: 280-74439-17

Date Sampled: 09/15/2015 0945

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296721	Instrument ID: VMS_H
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: H7526.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1749		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1749		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	3.8	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0570-2

Lab Sample ID: 280-74439-17

Date Sampled: 09/15/2015 0945

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296721	Instrument ID: VMS_H
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: H7526.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1749		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1749		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U *	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U *	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.71	J	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	89		70 - 127
Toluene-d8 (Surr)	96		80 - 125
4-Bromofluorobenzene (Surr)	88		78 - 120
Dibromofluoromethane (Surr)	100		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0570-3

Lab Sample ID: 280-74439-18

Date Sampled: 09/15/2015 1010

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296721	Instrument ID: VMS_H
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: H7527.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1812		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1812		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	3.7	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.40	J	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.19	J	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0570-3

Lab Sample ID: 280-74439-18

Date Sampled: 09/15/2015 1010

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296721	Instrument ID: VMS_H
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: H7527.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1812		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1812		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U *	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U *	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	3.5		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	85		70 - 127
Toluene-d8 (Surr)	94		80 - 125
4-Bromofluorobenzene (Surr)	85		78 - 120
Dibromofluoromethane (Surr)	97		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0572-1

Lab Sample ID: 280-74439-19

Date Sampled: 09/15/2015 0750

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296721	Instrument ID: VMS_H
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: H7528.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1835		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1835		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	3.5	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.18	J	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0572-1

Lab Sample ID: 280-74439-19

Date Sampled: 09/15/2015 0750

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296721	Instrument ID: VMS_H
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: H7528.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1835		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1835		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U *	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U *	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	91		70 - 127
Toluene-d8 (Surr)	101		80 - 125
4-Bromofluorobenzene (Surr)	92		78 - 120
Dibromofluoromethane (Surr)	102		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0572-2

Lab Sample ID: 280-74439-20

Date Sampled: 09/15/2015 0840

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296721	Instrument ID: VMS_H
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: H7529.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1858		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1858		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	9.7	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.62	J	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0572-2

Lab Sample ID: 280-74439-20

Date Sampled: 09/15/2015 0840

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296721	Instrument ID: VMS_H
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: H7529.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1858		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1858		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U *	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U *	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	28		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93		70 - 127
Toluene-d8 (Surr)	98		80 - 125
4-Bromofluorobenzene (Surr)	88		78 - 120
Dibromofluoromethane (Surr)	101		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0573-1

Lab Sample ID: 280-74439-21

Date Sampled: 09/15/2015 1430

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296720	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3077.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1604		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1604		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	3.1	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0573-1

Lab Sample ID: 280-74439-21

Date Sampled: 09/15/2015 1430

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296720	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3077.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1604		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1604		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	105		70 - 127
Toluene-d8 (Surr)	94		80 - 125
4-Bromofluorobenzene (Surr)	104		78 - 120
Dibromofluoromethane (Surr)	100		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0573-2

Lab Sample ID: 280-74439-22

Date Sampled: 09/15/2015 1450

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296720	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3078.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1625		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1625		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	2.5	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0573-2

Lab Sample ID: 280-74439-22

Date Sampled: 09/15/2015 1450

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296720	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3078.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1625		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1625		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	104		70 - 127
Toluene-d8 (Surr)	93		80 - 125
4-Bromofluorobenzene (Surr)	105		78 - 120
Dibromofluoromethane (Surr)	99		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0573-3

Lab Sample ID: 280-74439-23

Date Sampled: 09/15/2015 1510

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296720	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3079.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1645		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1645		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	2.5	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0573-3

Lab Sample ID: 280-74439-23

Date Sampled: 09/15/2015 1510

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296720	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3079.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1645		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1645		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	104		70 - 127
Toluene-d8 (Surr)	92		80 - 125
4-Bromofluorobenzene (Surr)	102		78 - 120
Dibromofluoromethane (Surr)	101		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0578-1

Lab Sample ID: 280-74439-24

Date Sampled: 09/16/2015 0835

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-296866	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS3131.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/29/2015 1225			Final Weight/Volume:	20 mL
Prep Date:	09/29/2015 1225				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	2.8	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.58	J	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0578-1

Lab Sample ID: 280-74439-24

Date Sampled: 09/16/2015 0835

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296866	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3131.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/29/2015 1225		Final Weight/Volume: 20 mL
Prep Date: 09/29/2015 1225		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103		70 - 127
Toluene-d8 (Surr)	95		80 - 125
4-Bromofluorobenzene (Surr)	107		78 - 120
Dibromofluoromethane (Surr)	102		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0578-2

Lab Sample ID: 280-74439-25

Date Sampled: 09/16/2015 0850

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296866	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3132.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/29/2015 1245		Final Weight/Volume: 20 mL
Prep Date: 09/29/2015 1245		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	3.0	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.43	J	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0578-2

Lab Sample ID: 280-74439-25

Date Sampled: 09/16/2015 0850

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296866	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3132.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/29/2015 1245		Final Weight/Volume: 20 mL
Prep Date: 09/29/2015 1245		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	106		70 - 127
Toluene-d8 (Surr)	95		80 - 125
4-Bromofluorobenzene (Surr)	104		78 - 120
Dibromofluoromethane (Surr)	103		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0578-3

Lab Sample ID: 280-74439-26

Date Sampled: 09/16/2015 0910

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296866	Instrument ID: VMS_MS1	
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3133.D	
Dilution: 1.0		Initial Weight/Volume: 20 mL	
Analysis Date: 09/29/2015 1306		Final Weight/Volume: 20 mL	
Prep Date: 09/29/2015 1306			

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	2.3	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.39	J	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0578-3

Lab Sample ID: 280-74439-26

Date Sampled: 09/16/2015 0910

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296866	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3133.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/29/2015 1306		Final Weight/Volume: 20 mL
Prep Date: 09/29/2015 1306		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	102		70 - 127
Toluene-d8 (Surr)	93		80 - 125
4-Bromofluorobenzene (Surr)	103		78 - 120
Dibromofluoromethane (Surr)	101		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0586-1

Lab Sample ID: 280-74439-27

Date Sampled: 09/15/2015 0825

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B Analysis Batch: 280-296720 Instrument ID: VMS_MS1
Prep Method: 5030B Prep Batch: N/A Lab File ID: MS3080.D
Dilution: 1.0 Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1706 Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1706

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.67	J	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0586-1

Lab Sample ID: 280-74439-27

Date Sampled: 09/15/2015 0825

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296720	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3080.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1706		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1706		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	2.0		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	106		70 - 127
Toluene-d8 (Surr)	94		80 - 125
4-Bromofluorobenzene (Surr)	102		78 - 120
Dibromofluoromethane (Surr)	101		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0586-2

Lab Sample ID: 280-74439-28

Date Sampled: 09/15/2015 0850

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296720	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3081.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1726		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1726		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.26	J	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	11		0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.33	J	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0586-2

Lab Sample ID: 280-74439-28

Date Sampled: 09/15/2015 0850

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296720	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3081.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1726		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1726		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	8.3		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	107		70 - 127
Toluene-d8 (Surr)	95		80 - 125
4-Bromofluorobenzene (Surr)	102		78 - 120
Dibromofluoromethane (Surr)	102		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0586-3

Lab Sample ID: 280-74439-29

Date Sampled: 09/15/2015 0930

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296720	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3082.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1747		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1747		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	2.5	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0586-3

Lab Sample ID: 280-74439-29

Date Sampled: 09/15/2015 0930

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296720	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3082.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1747		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1747		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	5.5		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	102		70 - 127
Toluene-d8 (Surr)	92		80 - 125
4-Bromofluorobenzene (Surr)	105		78 - 120
Dibromofluoromethane (Surr)	100		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN99-2199

Lab Sample ID: 280-74439-30

Date Sampled: 09/15/2015 0930

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-296720	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS3075.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/28/2015 1523			Final Weight/Volume:	20 mL
Prep Date:	09/28/2015 1523				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN99-2199

Lab Sample ID: 280-74439-30

Date Sampled: 09/15/2015 0930

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296720	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3075.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1523		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1523		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103		70 - 127
Toluene-d8 (Surr)	92		80 - 125
4-Bromofluorobenzene (Surr)	92		78 - 120
Dibromofluoromethane (Surr)	98		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-2450

Lab Sample ID: 280-74439-31

Date Sampled: 09/16/2015 0840

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296866	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3134.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/29/2015 1326		Final Weight/Volume: 20 mL
Prep Date: 09/29/2015 1326		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	2.4	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.34	J	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-2450

Lab Sample ID: 280-74439-31

Date Sampled: 09/16/2015 0840

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296866	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3134.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/29/2015 1326		Final Weight/Volume: 20 mL
Prep Date: 09/29/2015 1326		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103		70 - 127
Toluene-d8 (Surr)	93		80 - 125
4-Bromofluorobenzene (Surr)	101		78 - 120
Dibromofluoromethane (Surr)	100		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN99-2690

Lab Sample ID: 280-74439-32

Date Sampled: 09/15/2015 1000

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-296720	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS3076.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/28/2015 1543			Final Weight/Volume:	20 mL
Prep Date:	09/28/2015 1543				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	2.0	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN99-2690

Lab Sample ID: 280-74439-32

Date Sampled: 09/15/2015 1000

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296720	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3076.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1543		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1543		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	105		70 - 127
Toluene-d8 (Surr)	97		80 - 125
4-Bromofluorobenzene (Surr)	96		78 - 120
Dibromofluoromethane (Surr)	104		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-S68B

Lab Sample ID: 280-74439-33

Date Sampled: 09/15/2015 1135

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296720	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3083.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1808		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1808		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-S68B

Lab Sample ID: 280-74439-33

Date Sampled: 09/15/2015 1135

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296720	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3083.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1808		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1808		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	104		70 - 127
Toluene-d8 (Surr)	94		80 - 125
4-Bromofluorobenzene (Surr)	102		78 - 120
Dibromofluoromethane (Surr)	101		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-S68C

Lab Sample ID: 280-74439-34

Date Sampled: 09/15/2015 1050

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-296720	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS3084.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/28/2015 1828			Final Weight/Volume:	20 mL
Prep Date:	09/28/2015 1828				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	2.0	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	2.4		0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	11		0.15	1.0
trans-1,2-Dichloroethene	0.22	J	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-S68C

Lab Sample ID: 280-74439-34

Date Sampled: 09/15/2015 1050

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296720	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3084.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1828		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1828		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	6.8		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	105		70 - 127
Toluene-d8 (Surr)	92		80 - 125
4-Bromofluorobenzene (Surr)	105		78 - 120
Dibromofluoromethane (Surr)	100		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-S68D

Lab Sample ID: 280-74439-35

Date Sampled: 09/15/2015 1245

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296720	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3085.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1849		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1849		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	2.2	J	1.9	10
Benzene	0.29	J	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.75	J	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	47		0.15	1.0
trans-1,2-Dichloroethene	0.54	J	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-S68D

Lab Sample ID: 280-74439-35

Date Sampled: 09/15/2015 1245

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296720	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3085.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1849		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1849		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	16		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	100		70 - 127
Toluene-d8 (Surr)	94		80 - 125
4-Bromofluorobenzene (Surr)	104		78 - 120
Dibromofluoromethane (Surr)	98		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-S69B

Lab Sample ID: 280-74439-36

Date Sampled: 09/16/2015 1020

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296866	Instrument ID: VMS_MS1	
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3135.D	
Dilution: 1.0		Initial Weight/Volume: 20 mL	
Analysis Date: 09/29/2015 1347		Final Weight/Volume: 20 mL	
Prep Date: 09/29/2015 1347			

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	2.0	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.35	J	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-S69B

Lab Sample ID: 280-74439-36

Date Sampled: 09/16/2015 1020

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296866	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3135.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/29/2015 1347		Final Weight/Volume: 20 mL
Prep Date: 09/29/2015 1347		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	100		70 - 127
Toluene-d8 (Surr)	91		80 - 125
4-Bromofluorobenzene (Surr)	99		78 - 120
Dibromofluoromethane (Surr)	99		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-S69C

Lab Sample ID: 280-74439-37

Date Sampled: 09/16/2015 1050

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296866	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3136.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/29/2015 1408		Final Weight/Volume: 20 mL
Prep Date: 09/29/2015 1408		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	2.4	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.33	J	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.60	J	0.15	1.0
trans-1,2-Dichloroethene	0.18	J	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-S69C

Lab Sample ID: 280-74439-37

Date Sampled: 09/16/2015 1050

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296866	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3136.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/29/2015 1408		Final Weight/Volume: 20 mL
Prep Date: 09/29/2015 1408		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.18	J	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	110		70 - 127
Toluene-d8 (Surr)	98		80 - 125
4-Bromofluorobenzene (Surr)	108		78 - 120
Dibromofluoromethane (Surr)	108		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-S69D

Lab Sample ID: 280-74439-38

Date Sampled: 09/16/2015 1405

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-296866	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS3137.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/29/2015 1428			Final Weight/Volume:	20 mL
Prep Date:	09/29/2015 1428				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	2.7	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.40	J	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-S69D

Lab Sample ID: 280-74439-38

Date Sampled: 09/16/2015 1405

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296866	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3137.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/29/2015 1428		Final Weight/Volume: 20 mL
Prep Date: 09/29/2015 1428		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.32	J	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	104		70 - 127
Toluene-d8 (Surr)	92		80 - 125
4-Bromofluorobenzene (Surr)	104		78 - 120
Dibromofluoromethane (Surr)	100		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-S70B

Lab Sample ID: 280-74439-39

Date Sampled: 09/16/2015 1445

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-296866	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS3138.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/29/2015 1449			Final Weight/Volume:	20 mL
Prep Date:	09/29/2015 1449				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	2.5	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	14		0.15	1.0
trans-1,2-Dichloroethene	0.50	J	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-S70B

Lab Sample ID: 280-74439-39

Date Sampled: 09/16/2015 1445

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296866	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3138.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/29/2015 1449		Final Weight/Volume: 20 mL
Prep Date: 09/29/2015 1449		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	4.4		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103		70 - 127
Toluene-d8 (Surr)	93		80 - 125
4-Bromofluorobenzene (Surr)	107		78 - 120
Dibromofluoromethane (Surr)	106		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-S70C

Lab Sample ID: 280-74439-40

Date Sampled: 09/16/2015 1555

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296866	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3139.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/29/2015 1510		Final Weight/Volume: 20 mL
Prep Date: 09/29/2015 1510		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	3.3	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	5.4		0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	10		0.15	1.0
trans-1,2-Dichloroethene	2.7		0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-S70C

Lab Sample ID: 280-74439-40

Date Sampled: 09/16/2015 1555

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296866	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3139.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/29/2015 1510		Final Weight/Volume: 20 mL
Prep Date: 09/29/2015 1510		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	6.2		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	108		70 - 127
Toluene-d8 (Surr)	98		80 - 125
4-Bromofluorobenzene (Surr)	105		78 - 120
Dibromofluoromethane (Surr)	106		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-S70D

Lab Sample ID: 280-74439-41

Date Sampled: 09/16/2015 1615

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296866	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3140.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/29/2015 1530		Final Weight/Volume: 20 mL
Prep Date: 09/29/2015 1530		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	2.5	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	8.2		0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	19		0.15	1.0
trans-1,2-Dichloroethene	6.8		0.15	1.0
1,1-Dichloroethene	0.44	J	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-S70D

Lab Sample ID: 280-74439-41

Date Sampled: 09/16/2015 1615

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296866	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3140.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/29/2015 1530		Final Weight/Volume: 20 mL
Prep Date: 09/29/2015 1530		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	12		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103		70 - 127
Toluene-d8 (Surr)	92		80 - 125
4-Bromofluorobenzene (Surr)	101		78 - 120
Dibromofluoromethane (Surr)	100		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-S71B

Lab Sample ID: 280-74439-42

Date Sampled: 09/16/2015 1405

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296866	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3141.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/29/2015 1551		Final Weight/Volume: 20 mL
Prep Date: 09/29/2015 1551		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-S71B

Lab Sample ID: 280-74439-42

Date Sampled: 09/16/2015 1405

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296866	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3141.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/29/2015 1551		Final Weight/Volume: 20 mL
Prep Date: 09/29/2015 1551		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	106		70 - 127
Toluene-d8 (Surr)	94		80 - 125
4-Bromofluorobenzene (Surr)	104		78 - 120
Dibromofluoromethane (Surr)	103		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-S71C

Lab Sample ID: 280-74439-43

Date Sampled: 09/16/2015 1430

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296866	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3142.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/29/2015 1611		Final Weight/Volume: 20 mL
Prep Date: 09/29/2015 1611		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	2.4	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	3.3		0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	19		0.15	1.0
trans-1,2-Dichloroethene	11		0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-S71C

Lab Sample ID: 280-74439-43

Date Sampled: 09/16/2015 1430

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296866	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3142.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/29/2015 1611		Final Weight/Volume: 20 mL
Prep Date: 09/29/2015 1611		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	48		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	101		70 - 127
Toluene-d8 (Surr)	90		80 - 125
4-Bromofluorobenzene (Surr)	102		78 - 120
Dibromofluoromethane (Surr)	98		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-S71D

Lab Sample ID: 280-74439-44

Date Sampled: 09/16/2015 1515

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296866	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3143.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/29/2015 1632		Final Weight/Volume: 20 mL
Prep Date: 09/29/2015 1632		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	3.1	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	2.3		0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	27		0.15	1.0
trans-1,2-Dichloroethene	12		0.15	1.0
1,1-Dichloroethene	0.35	J	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-S71D

Lab Sample ID: 280-74439-44

Date Sampled: 09/16/2015 1515

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296866	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3143.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/29/2015 1632		Final Weight/Volume: 20 mL
Prep Date: 09/29/2015 1632		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	39		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	101		70 - 127
Toluene-d8 (Surr)	91		80 - 125
4-Bromofluorobenzene (Surr)	99		78 - 120
Dibromofluoromethane (Surr)	99		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-S73B

Lab Sample ID: 280-74439-45

Date Sampled: 09/15/2015 1440

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296720	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3086.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1909		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1909		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	6.6	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.4	J	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-S73B

Lab Sample ID: 280-74439-45

Date Sampled: 09/15/2015 1440

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296720	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3086.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1909		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1909		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.23	J	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.71	J	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	105		70 - 127
Toluene-d8 (Surr)	95		80 - 125
4-Bromofluorobenzene (Surr)	101		78 - 120
Dibromofluoromethane (Surr)	101		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-S73C

Lab Sample ID: 280-74439-46

Date Sampled: 09/15/2015 1400

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296720	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3087.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1930		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1930		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	5.4		0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	7.2		0.15	1.0
trans-1,2-Dichloroethene	17		0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-S73C

Lab Sample ID: 280-74439-46

Date Sampled: 09/15/2015 1400

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296720	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3087.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1930		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1930		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	102		70 - 127
Toluene-d8 (Surr)	92		80 - 125
4-Bromofluorobenzene (Surr)	102		78 - 120
Dibromofluoromethane (Surr)	100		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-S73C

Lab Sample ID: 280-74439-46

Date Sampled: 09/15/2015 1400

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-296720	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3088.D
Dilution: 1.0		Initial Weight/Volume: 5 mL
Analysis Date: 09/28/2015 1950	Run Type: DL	Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1950		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	110		0.40	4.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	102		70 - 127
Toluene-d8 (Surr)	95		80 - 125
4-Bromofluorobenzene (Surr)	102		78 - 120
Dibromofluoromethane (Surr)	102		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0539

Lab Sample ID: 280-74439-1

Date Sampled: 09/15/2015 1545

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-296106	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E0373.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2015 1031			Final Weight/Volume:	20 mL
Prep Date:	09/23/2015 1031				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	2.5		0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	92		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0540

Lab Sample ID: 280-74439-2

Date Sampled: 09/15/2015 1620

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method: 8260B SIM	Analysis Batch: 280-296106	Instrument ID: VMS_E
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: E0369.D
Dilution: 1.0		Initial Weight/Volume: 1 mL
Analysis Date: 09/23/2015 0917		Final Weight/Volume: 20 mL
Prep Date: 09/23/2015 0917		

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	150	F1 F2	4.4	20
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	87		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0541

Lab Sample ID: 280-74439-3

Date Sampled: 09/15/2015 1700

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-296106	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E0392.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2015 1622			Final Weight/Volume:	20 mL
Prep Date:	09/23/2015 1622				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	1.5		0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	94		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0542

Lab Sample ID: 280-74439-4

Date Sampled: 09/16/2015 0835

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method: 8260B SIM	Analysis Batch: 280-296106	Instrument ID: VMS_E
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: E0393.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/23/2015 1640		Final Weight/Volume: 20 mL
Prep Date: 09/23/2015 1640		

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	2.9		0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	92		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0549

Lab Sample ID: 280-74439-5

Date Sampled: 09/16/2015 0915

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-296106	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E0394.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2015 1659			Final Weight/Volume:	20 mL
Prep Date:	09/23/2015 1659				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	3.2		0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	93		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0551-2

Lab Sample ID: 280-74439-6

Date Sampled: 09/15/2015 1725

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-296106	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E0395.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2015 1718			Final Weight/Volume:	20 mL
Prep Date:	09/23/2015 1718				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.22	U	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	93		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0555A

Lab Sample ID: 280-74439-7

Date Sampled: 09/16/2015 1000

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-296106	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E0396.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2015 1736			Final Weight/Volume:	20 mL
Prep Date:	09/23/2015 1736				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.22	U	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	91		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0555B

Lab Sample ID: 280-74439-8

Date Sampled: 09/16/2015 1025

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-296106	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E0397.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2015 1755			Final Weight/Volume:	20 mL
Prep Date:	09/23/2015 1755				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.22	U	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	89		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0555C

Lab Sample ID: 280-74439-9

Date Sampled: 09/16/2015 1055

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-296106	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E0398.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2015 1813			Final Weight/Volume:	20 mL
Prep Date:	09/23/2015 1813				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.27	J	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	91		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0568-1

Lab Sample ID: 280-74439-10

Date Sampled: 09/15/2015 1035

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-296106	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E0399.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2015 1832			Final Weight/Volume:	20 mL
Prep Date:	09/23/2015 1832				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.22	U	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	96		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0568-2

Lab Sample ID: 280-74439-11

Date Sampled: 09/15/2015 1055

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method: 8260B SIM	Analysis Batch: 280-296106	Instrument ID: VMS_E
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: E0400.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/23/2015 1850		Final Weight/Volume: 20 mL
Prep Date: 09/23/2015 1850		

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	1.2		0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	91		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0568-3

Lab Sample ID: 280-74439-12

Date Sampled: 09/15/2015 1115

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-296106	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E0401.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2015 1908			Final Weight/Volume:	20 mL
Prep Date:	09/23/2015 1908				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.22	U	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	91		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0569-1

Lab Sample ID: 280-74439-13

Date Sampled: 09/15/2015 1310

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-296300	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E0411.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2015 0846			Final Weight/Volume:	20 mL
Prep Date:	09/24/2015 0846				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.52	J	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	79		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0569-2

Lab Sample ID: 280-74439-14

Date Sampled: 09/15/2015 1330

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-296300	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E0414.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2015 0945			Final Weight/Volume:	20 mL
Prep Date:	09/24/2015 0945				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	1.5		0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	86		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0569-3

Lab Sample ID: 280-74439-15

Date Sampled: 09/15/2015 1355

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-296300	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E0416.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2015 1022			Final Weight/Volume:	20 mL
Prep Date:	09/24/2015 1022				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	1.8		0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	84		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0570-1

Lab Sample ID: 280-74439-16

Date Sampled: 09/15/2015 0925

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method: 8260B SIM	Analysis Batch: 280-296300	Instrument ID: VMS_E
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: E0417.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1040		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1040		

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.22	U	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	83		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0570-2

Lab Sample ID: 280-74439-17

Date Sampled: 09/15/2015 0945

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method: 8260B SIM	Analysis Batch: 280-296300	Instrument ID: VMS_E
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: E0418.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1059		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1059		

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	1.2		0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	82		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0570-3

Lab Sample ID: 280-74439-18

Date Sampled: 09/15/2015 1010

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-296300	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E0419.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2015 1118			Final Weight/Volume:	20 mL
Prep Date:	09/24/2015 1118				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	1.6		0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	84		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0572-1

Lab Sample ID: 280-74439-19

Date Sampled: 09/15/2015 0750

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method: 8260B SIM	Analysis Batch: 280-296300	Instrument ID: VMS_E
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: E0420.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1136		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1136		

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.22	U	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	87		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0572-2

Lab Sample ID: 280-74439-20

Date Sampled: 09/15/2015 0840

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-296300	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E0421.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2015 1155			Final Weight/Volume:	20 mL
Prep Date:	09/24/2015 1155				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	5.6		0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	90		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0573-1

Lab Sample ID: 280-74439-21

Date Sampled: 09/15/2015 1430

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method: 8260B SIM	Analysis Batch: 280-296300	Instrument ID: VMS_E
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: E0422.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1213		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1213		

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.22	U	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	89		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0573-2

Lab Sample ID: 280-74439-22

Date Sampled: 09/15/2015 1450

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-296300	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E0423.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2015 1231			Final Weight/Volume:	20 mL
Prep Date:	09/24/2015 1231				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.50	J	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	90		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0573-3

Lab Sample ID: 280-74439-23

Date Sampled: 09/15/2015 1510

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-296300	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E0424.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2015 1250			Final Weight/Volume:	20 mL
Prep Date:	09/24/2015 1250				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.55	J	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	96		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0578-1

Lab Sample ID: 280-74439-24

Date Sampled: 09/16/2015 0835

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-296300	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E0425.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2015 1308			Final Weight/Volume:	20 mL
Prep Date:	09/24/2015 1308				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.22	U	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	88		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0578-2

Lab Sample ID: 280-74439-25

Date Sampled: 09/16/2015 0850

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method: 8260B SIM	Analysis Batch: 280-296300	Instrument ID: VMS_E
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: E0426.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1327		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1327		

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.60	J	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	92		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0578-3

Lab Sample ID: 280-74439-26

Date Sampled: 09/16/2015 0910

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-296300	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E0427.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2015 1346			Final Weight/Volume:	20 mL
Prep Date:	09/24/2015 1346				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.46	J	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	89		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0586-1

Lab Sample ID: 280-74439-27

Date Sampled: 09/15/2015 0825

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-296300	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E0428.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2015 1405			Final Weight/Volume:	20 mL
Prep Date:	09/24/2015 1405				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.57	J	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	87		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0586-2

Lab Sample ID: 280-74439-28

Date Sampled: 09/15/2015 0850

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method: 8260B SIM	Analysis Batch: 280-296300	Instrument ID: VMS_E
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: E0429.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1423		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1423		

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	1.5		0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	88		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-0586-3

Lab Sample ID: 280-74439-29

Date Sampled: 09/15/2015 0930

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-296300	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E0430.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2015 1442			Final Weight/Volume:	20 mL
Prep Date:	09/24/2015 1442				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	1.2		0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	88		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-2450

Lab Sample ID: 280-74439-31

Date Sampled: 09/16/2015 0840

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method: 8260B SIM	Analysis Batch: 280-296300	Instrument ID: VMS_E
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: E0431.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1500		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1500		

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.22	U	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	88		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-S68B

Lab Sample ID: 280-74439-33

Date Sampled: 09/15/2015 1135

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method: 8260B SIM	Analysis Batch: 280-296300	Instrument ID: VMS_E
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: E0432.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 1518		Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 1518		

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.36	J	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	87		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-S68C

Lab Sample ID: 280-74439-34

Date Sampled: 09/15/2015 1050

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-296300	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E0433.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2015 1537			Final Weight/Volume:	20 mL
Prep Date:	09/24/2015 1537				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	7.2		0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	88		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-S68D

Lab Sample ID: 280-74439-35

Date Sampled: 09/15/2015 1245

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method: 8260B SIM	Analysis Batch: 280-296456	Instrument ID: VMS_E
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: E0441.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/25/2015 0904		Final Weight/Volume: 20 mL
Prep Date: 09/25/2015 0904		

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	2.1		0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	77		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-S69B

Lab Sample ID: 280-74439-36

Date Sampled: 09/16/2015 1020

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-296456	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E0442.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2015 0922			Final Weight/Volume:	20 mL
Prep Date:	09/25/2015 0922				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.22	U	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	79		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-S69C

Lab Sample ID: 280-74439-37

Date Sampled: 09/16/2015 1050

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method: 8260B SIM	Analysis Batch: 280-296456	Instrument ID: VMS_E
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: E0443.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/25/2015 0941		Final Weight/Volume: 20 mL
Prep Date: 09/25/2015 0941		

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	6.9		0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	82		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-S69D

Lab Sample ID: 280-74439-38

Date Sampled: 09/16/2015 1405

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method: 8260B SIM	Analysis Batch: 280-296456	Instrument ID: VMS_E
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: E0446.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/25/2015 1038		Final Weight/Volume: 20 mL
Prep Date: 09/25/2015 1038		

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.90	J	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	79		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-S70B

Lab Sample ID: 280-74439-39

Date Sampled: 09/16/2015 1445

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method: 8260B SIM	Analysis Batch: 280-296456	Instrument ID: VMS_E
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: E0447.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/25/2015 1057		Final Weight/Volume: 20 mL
Prep Date: 09/25/2015 1057		

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.99	J	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	80		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-S70C

Lab Sample ID: 280-74439-40

Date Sampled: 09/16/2015 1555

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-296456	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E0448.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2015 1115			Final Weight/Volume:	20 mL
Prep Date:	09/25/2015 1115				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	17		0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	85		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-S70D

Lab Sample ID: 280-74439-41

Date Sampled: 09/16/2015 1615

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method: 8260B SIM	Analysis Batch: 280-296456	Instrument ID: VMS_E
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: E0449.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/25/2015 1134		Final Weight/Volume: 20 mL
Prep Date: 09/25/2015 1134		

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	18		0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	83		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-S71B

Lab Sample ID: 280-74439-42

Date Sampled: 09/16/2015 1405

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method: 8260B SIM	Analysis Batch: 280-296456	Instrument ID: VMS_E
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: E0450.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/25/2015 1152		Final Weight/Volume: 20 mL
Prep Date: 09/25/2015 1152		

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.82	J	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	88		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-S71C

Lab Sample ID: 280-74439-43

Date Sampled: 09/16/2015 1430

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method: 8260B SIM	Analysis Batch: 280-296723	Instrument ID: VMS_E
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: E0481.D
Dilution: 1.0		Initial Weight/Volume: 10 mL
Analysis Date: 09/28/2015 1034		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1034		

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	31		0.44	2.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	90		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-S71D

Lab Sample ID: 280-74439-44

Date Sampled: 09/16/2015 1515

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method: 8260B SIM	Analysis Batch: 280-296723	Instrument ID: VMS_E
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: E0482.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1054		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1054		

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	23	E	0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	84		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-S73B

Lab Sample ID: 280-74439-45

Date Sampled: 09/15/2015 1440

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-296723	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E0483.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/28/2015 1112			Final Weight/Volume:	20 mL
Prep Date:	09/28/2015 1112				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	6.7		0.22	1.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	85		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Client Sample ID: PIN12-S73C

Lab Sample ID: 280-74439-46

Date Sampled: 09/15/2015 1400

Client Matrix: Water

Date Received: 09/18/2015 0920

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method: 8260B SIM	Analysis Batch: 280-296723	Instrument ID: VMS_E
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: E0488.D
Dilution: 1.0		Initial Weight/Volume: 4 mL
Analysis Date: 09/28/2015 1247		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1247		

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	88		1.1	5.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	86		70 - 127	

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DBFM %Rec	DCA %Rec	TOL %Rec	BFB %Rec
280-74439-1	PIN12-0539	106	94	98	92
280-74439-2	PIN12-0540	106	89	100	86
280-74439-3	PIN12-0541	96	76	110	94
280-74439-4	PIN12-0542	103	92	88	96
280-74439-5	PIN12-0549	103	98	99	107
280-74439-6	PIN12-0551-2	94	79	100	87
280-74439-7	PIN12-0555A	111	112	98	107
280-74439-8	PIN12-0555B	105	107	93	110
280-74439-9	PIN12-0555C	104	108	95	104
280-74439-10	PIN12-0568-1	97	83	99	90
280-74439-11	PIN12-0568-2	113	87	101	91
280-74439-12	PIN12-0568-3	95	77	101	90
280-74439-13	PIN12-0569-1	97	83	93	88
280-74439-14	PIN12-0569-2	99	88	95	87
280-74439-15	PIN12-0569-3	100	86	97	90
280-74439-16	PIN12-0570-1	104	89	104	91
280-74439-17	PIN12-0570-2	100	89	96	88
280-74439-18	PIN12-0570-3	97	85	94	85
280-74439-19	PIN12-0572-1	102	91	101	92
280-74439-20	PIN12-0572-2	101	93	98	88
280-74439-21	PIN12-0573-1	100	105	94	104
280-74439-22	PIN12-0573-2	99	104	93	105
280-74439-23	PIN12-0573-3	101	104	92	102
280-74439-24	PIN12-0578-1	102	103	95	107
280-74439-25	PIN12-0578-2	103	106	95	104
280-74439-26	PIN12-0578-3	101	102	93	103
280-74439-27	PIN12-0586-1	101	106	94	102
280-74439-28	PIN12-0586-2	102	107	95	102
280-74439-29	PIN12-0586-3	100	102	92	105

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane (Surr)	77-120
DCA = 1,2-Dichloroethane-d4 (Surr)	70-127
TOL = Toluene-d8 (Surr)	80-125
BFB = 4-Bromofluorobenzene (Surr)	78-120

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74439-1
Sdg Number: 15087320

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DBFM %Rec	DCA %Rec	TOL %Rec	BFB %Rec
280-74439-30	PIN99-2199	98	103	92	92
280-74439-31	PIN12-2450	100	103	93	101
280-74439-32	PIN99-2690	104	105	97	96
280-74439-33	PIN12-S68B	101	104	94	102
280-74439-34	PIN12-S68C	100	105	92	105
280-74439-35	PIN12-S68D	98	100	94	104
280-74439-36	PIN12-S69B	99	100	91	99
280-74439-37	PIN12-S69C	108	110	98	108
280-74439-38	PIN12-S69D	100	104	92	104
280-74439-39	PIN12-S70B	106	103	93	107
280-74439-40	PIN12-S70C	106	108	98	105
280-74439-41	PIN12-S70D	100	103	92	101
280-74439-42	PIN12-S71B	103	106	94	104
280-74439-43	PIN12-S71C	98	101	90	102
280-74439-44	PIN12-S71D	99	101	91	99
280-74439-45	PIN12-S73B	101	105	95	101
280-74439-46	PIN12-S73C	100	102	92	102
280-74439-46 DL	PIN12-S73C DL	102	102	95	102
MB 280-296720/6		97	98	96	102
MB 280-296721/6		104	86	105	94
MB 280-296866/6		100	102	95	101
LCS 280-296720/4		95	97	90	91
LCS 280-296721/4		102	93	105	90
LCS 280-296866/4		92	95	90	91
280-74439-1 MS	PIN12-0539 MS	131X	110	104	85
280-74439-4 MS	PIN12-0542 MS	105	103	102	87
280-74349-I-2 MS		93	96	91	90
280-74439-1 MSD	PIN12-0539 MSD	98	83	115	95
280-74439-4 MSD	PIN12-0542 MSD	99	107	91	92
280-74349-I-2 MSD		94	96	88	91

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane (Surr)	77-120
DCA = 1,2-Dichloroethane-d4 (Surr)	70-127
TOL = Toluene-d8 (Surr)	80-125
BFB = 4-Bromofluorobenzene (Surr)	78-120

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Surrogate Recovery Report

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCA %Rec
280-74439-1	PIN12-0539	92
280-74439-2	PIN12-0540	87
280-74439-3	PIN12-0541	94
280-74439-4	PIN12-0542	92
280-74439-5	PIN12-0549	93
280-74439-6	PIN12-0551-2	93
280-74439-7	PIN12-0555A	91
280-74439-8	PIN12-0555B	89
280-74439-9	PIN12-0555C	91
280-74439-10	PIN12-0568-1	96
280-74439-11	PIN12-0568-2	91
280-74439-12	PIN12-0568-3	91
280-74439-13	PIN12-0569-1	79
280-74439-14	PIN12-0569-2	86
280-74439-15	PIN12-0569-3	84
280-74439-16	PIN12-0570-1	83
280-74439-17	PIN12-0570-2	82
280-74439-18	PIN12-0570-3	84
280-74439-19	PIN12-0572-1	87
280-74439-20	PIN12-0572-2	90
280-74439-21	PIN12-0573-1	89
280-74439-22	PIN12-0573-2	90
280-74439-23	PIN12-0573-3	96
280-74439-24	PIN12-0578-1	88
280-74439-25	PIN12-0578-2	92
280-74439-26	PIN12-0578-3	89
280-74439-27	PIN12-0586-1	87
280-74439-28	PIN12-0586-2	88
280-74439-29	PIN12-0586-3	88

Surrogate

Acceptance Limits

DCA = 1,2-Dichloroethane-d4 (Surr)

70-127

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Surrogate Recovery Report

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCA %Rec
280-74439-31	PIN12-2450	88
280-74439-33	PIN12-S68B	87
280-74439-34	PIN12-S68C	88
280-74439-35	PIN12-S68D	77
280-74439-36	PIN12-S69B	79
280-74439-37	PIN12-S69C	82
280-74439-38	PIN12-S69D	79
280-74439-39	PIN12-S70B	80
280-74439-40	PIN12-S70C	85
280-74439-41	PIN12-S70D	83
280-74439-42	PIN12-S71B	88
280-74439-43	PIN12-S71C	90
280-74439-44	PIN12-S71D	84
280-74439-45	PIN12-S73B	85
280-74439-46	PIN12-S73C	86
MB 280-296106/5		91
MB 280-296300/5		81
MB 280-296456/5		79
MB 280-296723/5		86
LCS 280-296106/3		87
LCS 280-296300/3		85
LCS 280-296456/3		80
LCS 280-296723/3		86
280-74439-2 MS	PIN12-0540 MS	94
280-74439-13 MS	PIN12-0569-1 MS	82
280-74439-35 MS	PIN12-S68D MS	85
280-74516-M-1 MS		86
280-74439-2 MSD	PIN12-0540 MSD	92
280-74439-13 MSD	PIN12-0569-1 MSD	86
280-74439-35 MSD	PIN12-S68D MSD	83

Surrogate

Acceptance Limits

DCA = 1,2-Dichloroethane-d4 (Surr)

70-127

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Surrogate Recovery Report

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCA %Rec
280-74516-M-1 MSD		91

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	70-127

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Method Blank - Batch: 280-296720

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 280-296720/6
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 09/28/2015 1124
 Prep Date: 09/28/2015 1124
 Leach Date: N/A

Analysis Batch: 280-296720
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VMS_MS1
 Lab File ID: MS3064.D
 Initial Weight/Volume: 20 mL
 Final Weight/Volume: 20 mL

Analyte	Result	Qual	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Method Blank - Batch: 280-296720

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 280-296720/6
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 09/28/2015 1124
 Prep Date: 09/28/2015 1124
 Leach Date: N/A

Analysis Batch: 280-296720
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VMS_MS1
 Lab File ID: MS3064.D
 Initial Weight/Volume: 20 mL
 Final Weight/Volume: 20 mL

Analyte	Result	Qual	MDL	RL
n-Propylbenzene	0.16	U	0.16	1.0
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	98	70 - 127
Toluene-d8 (Surr)	96	80 - 125
4-Bromofluorobenzene (Surr)	102	78 - 120
Dibromofluoromethane (Surr)	97	77 - 120

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Lab Control Sample - Batch: 280-296720

Method: 8260B

Preparation: 5030B

Lab Sample ID: LCS 280-296720/4	Analysis Batch: 280-296720	Instrument ID: VMS_MS1
Client Matrix: Water	Prep Batch: N/A	Lab File ID: MS3063.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1103	Units: ug/L	Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1103		
Leach Date: N/A		

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	5.00	4.71	94	65 - 135	
Bromodichloromethane	5.00	5.13	103	65 - 135	
Carbon tetrachloride	5.00	5.64	113	65 - 135	
Chlorobenzene	5.00	4.56	91	65 - 135	
Chloroform	5.00	5.14	103	65 - 135	
1,3-Dichlorobenzene	5.00	4.39	88	65 - 135	
1,1-Dichloroethane	5.00	4.92	98	65 - 135	
trans-1,2-Dichloroethene	5.00	4.62	92	65 - 135	
1,1-Dichloroethene	5.00	4.19	84	65 - 136	
1,2-Dichloropropane	5.00	4.44	89	64 - 135	
Ethylbenzene	5.00	4.42	88	65 - 135	
Methylene Chloride	5.00	4.24	85	54 - 141	
Tetrachloroethene	5.00	4.72	94	65 - 135	
Toluene	5.00	5.26	105	65 - 135	
1,1,1-Trichloroethane	5.00	5.56	111	65 - 135	
Trichloroethene	5.00	4.65	93	65 - 135	
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Surrogate		% Rec		Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		97		70 - 127	
Toluene-d8 (Surr)		90		80 - 125	
4-Bromofluorobenzene (Surr)		91		78 - 120	
Dibromofluoromethane (Surr)		95		77 - 120	

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-296720**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID: 280-74349-I-2 MS	Analysis Batch: 280-296720	Instrument ID: VMS_MS1
Client Matrix: Water	Prep Batch: N/A	Lab File ID: MS3068.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1258		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1258		20 mL
Leach Date: N/A		

MSD Lab Sample ID: 280-74349-I-2 MSD	Analysis Batch: 280-296720	Instrument ID: VMS_MS1
Client Matrix: Water	Prep Batch: N/A	Lab File ID: MS3069.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1319		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1319		20 mL
Leach Date: N/A		

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Benzene	88	93	65 - 135	5	20		
Bromodichloromethane	97	100	65 - 135	2	20		
Carbon tetrachloride	111	113	65 - 135	2	21		
Chlorobenzene	89	88	65 - 135	1	20		
Chloroform	99	102	65 - 135	3	20		
1,3-Dichlorobenzene	87	88	65 - 135	2	20		
1,1-Dichloroethane	95	95	65 - 135	0	21		
trans-1,2-Dichloroethene	88	92	65 - 135	4	24		
1,1-Dichloroethene	81	83	65 - 136	2	20		
1,2-Dichloropropane	83	87	64 - 135	4	20		
Ethylbenzene	87	87	65 - 135	1	20		
Methylene Chloride	76	80	54 - 141	5	26		
Tetrachloroethene	94	95	65 - 135	1	20		
Toluene	98	102	65 - 135	4	20		
1,1,1-Trichloroethane	108	111	65 - 135	2	20		
Trichloroethene	91	89	65 - 135	1	20		
Surrogate		MS % Rec	MSD % Rec			Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		96	96			70 - 127	
Toluene-d8 (Surr)		91	88			80 - 125	
4-Bromofluorobenzene (Surr)		90	91			78 - 120	
Dibromofluoromethane (Surr)		93	94			77 - 120	

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-296720**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID: 280-74349-I-2 MS Units: ug/L
Client Matrix: Water
Dilution: 1.0
Analysis Date: 09/28/2015 1258
Prep Date: 09/28/2015 1258
Leach Date: N/A

MSD Lab Sample ID: 280-74349-I-2 MSD
Client Matrix: Water
Dilution: 1.0
Analysis Date: 09/28/2015 1319
Prep Date: 09/28/2015 1319
Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Benzene	0.16	U	5.00	5.00	4.42	4.64
Bromodichloromethane	0.17	U	5.00	5.00	4.87	4.99
Carbon tetrachloride	0.19	U	5.00	5.00	5.54	5.64
Chlorobenzene	0.17	U	5.00	5.00	4.47	4.41
Chloroform	0.16	U	5.00	5.00	4.97	5.12
1,3-Dichlorobenzene	0.13	U	5.00	5.00	4.35	4.42
1,1-Dichloroethane	0.22	U	5.00	5.00	4.73	4.75
trans-1,2-Dichloroethene	0.28	J	5.00	5.00	4.67	4.87
1,1-Dichloroethene	0.23	U	5.00	5.00	4.05	4.15
1,2-Dichloropropane	0.18	U	5.00	5.00	4.17	4.33
Ethylbenzene	0.16	U	5.00	5.00	4.33	4.36
Methylene Chloride	0.32	U	5.00	5.00	3.81	4.02
Tetrachloroethene	0.20	U	5.00	5.00	4.71	4.77
Toluene	0.17	U	5.00	5.00	4.89	5.10
1,1,1-Trichloroethane	0.16	U	5.00	5.00	5.42	5.56
Trichloroethene	2.6		5.00	5.00	7.15	7.08

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Method Blank - Batch: 280-296721

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 280-296721/6
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 09/28/2015 0922
 Prep Date: 09/28/2015 0922
 Leach Date: N/A

Analysis Batch: 280-296721
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VMS_H
 Lab File ID: H7506.D
 Initial Weight/Volume: 20 mL
 Final Weight/Volume: 20 mL

Analyte	Result	Qual	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.220	J	0.22	1.0

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Method Blank - Batch: 280-296721

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 280-296721/6
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 09/28/2015 0922
 Prep Date: 09/28/2015 0922
 Leach Date: N/A

Analysis Batch: 280-296721
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VMS_H
 Lab File ID: H7506.D
 Initial Weight/Volume: 20 mL
 Final Weight/Volume: 20 mL

Analyte	Result	Qual	MDL	RL
n-Propylbenzene	0.16	U	0.16	1.0
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.224	J	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	86	70 - 127
Toluene-d8 (Surr)	105	80 - 125
4-Bromofluorobenzene (Surr)	94	78 - 120
Dibromofluoromethane (Surr)	104	77 - 120

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Lab Control Sample - Batch: 280-296721

Method: 8260B

Preparation: 5030B

Lab Sample ID: LCS 280-296721/4	Analysis Batch: 280-296721	Instrument ID: VMS_H
Client Matrix: Water	Prep Batch: N/A	Lab File ID: H7505.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 0859	Units: ug/L	Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 0859		
Leach Date: N/A		

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	5.00	4.88	98	65 - 135	
Bromodichloromethane	5.00	4.22	84	65 - 135	
Carbon tetrachloride	5.00	4.29	86	65 - 135	
Chlorobenzene	5.00	4.42	88	65 - 135	
Chloroform	5.00	4.66	93	65 - 135	
1,3-Dichlorobenzene	5.00	4.12	82	65 - 135	
1,1-Dichloroethane	5.00	4.46	89	65 - 135	
trans-1,2-Dichloroethene	5.00	4.90	98	65 - 135	
1,1-Dichloroethene	5.00	4.54	91	65 - 136	
1,2-Dichloropropane	5.00	4.49	90	64 - 135	
Ethylbenzene	5.00	4.19	84	65 - 135	
Methylene Chloride	5.00	4.62	92	54 - 141	
Tetrachloroethene	5.00	4.74	95	65 - 135	
Toluene	5.00	5.10	102	65 - 135	
1,1,1-Trichloroethane	5.00	4.23	85	65 - 135	
Trichloroethene	5.00	4.81	96	65 - 135	
Surrogate		% Rec		Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		93		70 - 127	
Toluene-d8 (Surr)		105		80 - 125	
4-Bromofluorobenzene (Surr)		90		78 - 120	
Dibromofluoromethane (Surr)		102		77 - 120	

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-296721**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID: 280-74439-1	Analysis Batch: 280-296721	Instrument ID: VMS_H
Client Matrix: Water	Prep Batch: N/A	Lab File ID: H7514.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1311		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1311		20 mL
Leach Date: N/A		

MSD Lab Sample ID: 280-74439-1	Analysis Batch: 280-296721	Instrument ID: VMS_H
Client Matrix: Water	Prep Batch: N/A	Lab File ID: H7515.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 1334		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 1334		20 mL
Leach Date: N/A		

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Benzene	118	119	65 - 135	1	20		
Bromodichloromethane	114	93	65 - 135	20	20		
Carbon tetrachloride	124	116	65 - 135	7	21		
Chlorobenzene	99	109	65 - 135	9	20		
Chloroform	126	109	65 - 135	15	20		
1,3-Dichlorobenzene	98	114	65 - 135	15	20		
1,1-Dichloroethane	130	115	65 - 135	13	21		
trans-1,2-Dichloroethene	137	128	65 - 135	7	24	F1	
1,1-Dichloroethene	135	131	65 - 136	3	20		
1,2-Dichloropropane	102	101	64 - 135	1	20		
Ethylbenzene	99	112	65 - 135	12	20		
Methylene Chloride	130	109	54 - 141	18	26		
Tetrachloroethene	108	127	65 - 135	16	20		
Toluene	150	124	65 - 135	20	20	F1	
1,1,1-Trichloroethane	117	109	65 - 135	7	20		
Trichloroethene	118	119	65 - 135	2	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	110	83	70 - 127
Toluene-d8 (Surr)	104	115	80 - 125
4-Bromofluorobenzene (Surr)	85	95	78 - 120
Dibromofluoromethane (Surr)	131	X 98	77 - 120

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-296721**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID: 280-74439-1 Units: ug/L
Client Matrix: Water
Dilution: 1.0
Analysis Date: 09/28/2015 1311
Prep Date: 09/28/2015 1311
Leach Date: N/A

MSD Lab Sample ID: 280-74439-1
Client Matrix: Water
Dilution: 1.0
Analysis Date: 09/28/2015 1334
Prep Date: 09/28/2015 1334
Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual
Benzene	0.16	U	5.00	5.00	5.92		5.95
Bromodichloromethane	0.17	U	5.00	5.00	5.72		4.67
Carbon tetrachloride	0.19	U	5.00	5.00	6.19		5.79
Chlorobenzene	0.17	U	5.00	5.00	4.96		5.43
Chloroform	0.16	U	5.00	5.00	6.31		5.43
1,3-Dichlorobenzene	0.13	U	5.00	5.00	4.90		5.69
1,1-Dichloroethane	0.22	U	5.00	5.00	6.52		5.75
trans-1,2-Dichloroethene	0.35	J	5.00	5.00	7.19	F1	6.74
1,1-Dichloroethene	0.23	U	5.00	5.00	6.77		6.55
1,2-Dichloropropane	0.18	U	5.00	5.00	5.10		5.06
Ethylbenzene	0.16	U	5.00	5.00	4.97		5.61
Methylene Chloride	0.32	U	5.00	5.00	6.48		5.43
Tetrachloroethene	0.20	U	5.00	5.00	5.41		6.37
Toluene	0.17	U	5.00	5.00	7.52	F1	6.18
1,1,1-Trichloroethane	0.16	U	5.00	5.00	5.86		5.44
Trichloroethene	0.16	U	5.00	5.00	5.88		5.97

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Method Blank - Batch: 280-296866

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 280-296866/6
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 09/29/2015 0906
 Prep Date: 09/29/2015 0906
 Leach Date: N/A

Analysis Batch: 280-296866
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VMS_MS1
 Lab File ID: MS3122.D
 Initial Weight/Volume: 20 mL
 Final Weight/Volume: 20 mL

Analyte	Result	Qual	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Method Blank - Batch: 280-296866

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 280-296866/6
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 09/29/2015 0906
 Prep Date: 09/29/2015 0906
 Leach Date: N/A

Analysis Batch: 280-296866
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VMS_MS1
 Lab File ID: MS3122.D
 Initial Weight/Volume: 20 mL
 Final Weight/Volume: 20 mL

Analyte	Result	Qual	MDL	RL
n-Propylbenzene	0.16	U	0.16	1.0
Styrene	0.433	J	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	102	70 - 127
Toluene-d8 (Surr)	95	80 - 125
4-Bromofluorobenzene (Surr)	101	78 - 120
Dibromofluoromethane (Surr)	100	77 - 120

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Lab Control Sample - Batch: 280-296866

Method: 8260B

Preparation: 5030B

Lab Sample ID: LCS 280-296866/4	Analysis Batch: 280-296866	Instrument ID: VMS_MS1
Client Matrix: Water	Prep Batch: N/A	Lab File ID: MS3121.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 09/29/2015 0845	Units: ug/L	Final Weight/Volume: 20 mL
Prep Date: 09/29/2015 0845		
Leach Date: N/A		

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	5.00	4.55	91	65 - 135	
Bromodichloromethane	5.00	5.17	103	65 - 135	
Carbon tetrachloride	5.00	5.59	112	65 - 135	
Chlorobenzene	5.00	4.63	93	65 - 135	
Chloroform	5.00	5.01	100	65 - 135	
1,3-Dichlorobenzene	5.00	4.38	88	65 - 135	
1,1-Dichloroethane	5.00	4.74	95	65 - 135	
trans-1,2-Dichloroethene	5.00	4.47	89	65 - 135	
1,1-Dichloroethene	5.00	4.17	83	65 - 136	
1,2-Dichloropropane	5.00	4.38	88	64 - 135	
Ethylbenzene	5.00	4.45	89	65 - 135	
Methylene Chloride	5.00	4.02	80	54 - 141	
Tetrachloroethene	5.00	4.69	94	65 - 135	
Toluene	5.00	5.07	101	65 - 135	
1,1,1-Trichloroethane	5.00	5.31	106	65 - 135	
Trichloroethene	5.00	4.76	95	65 - 135	
Surrogate		% Rec		Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		95		70 - 127	
Toluene-d8 (Surr)		90		80 - 125	
4-Bromofluorobenzene (Surr)		91		78 - 120	
Dibromofluoromethane (Surr)		92		77 - 120	

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-296866**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID: 280-74439-4
Client Matrix: Water
Dilution: 1.0
Analysis Date: 09/29/2015 1021
Prep Date: 09/29/2015 1021
Leach Date: N/A

Analysis Batch: 280-296866
Prep Batch: N/A
Leach Batch: N/A

Instrument ID: VMS_MS1
Lab File ID: MS3125.D
Initial Weight/Volume: 20 mL
Final Weight/Volume: 20 mL
20 mL

MSD Lab Sample ID: 280-74439-4
Client Matrix: Water
Dilution: 1.0
Analysis Date: 09/29/2015 1042
Prep Date: 09/29/2015 1042
Leach Date: N/A

Analysis Batch: 280-296866
Prep Batch: N/A
Leach Batch: N/A

Instrument ID: VMS_MS1
Lab File ID: MS3126.D
Initial Weight/Volume: 20 mL
Final Weight/Volume: 20 mL
20 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Benzene	93	97	65 - 135	4	20		
Bromodichloromethane	109	108	65 - 135	1	20		
Carbon tetrachloride	138	127	65 - 135	9	21	F1	
Chlorobenzene	93	93	65 - 135	1	20		
Chloroform	109	109	65 - 135	1	20		
1,3-Dichlorobenzene	91	91	65 - 135	1	20		
1,1-Dichloroethane	95	107	65 - 135	10	21		
trans-1,2-Dichloroethene	100	101	65 - 135	1	24		
1,1-Dichloroethene	98	92	65 - 136	7	20		
1,2-Dichloropropane	84	90	64 - 135	7	20		
Ethylbenzene	86	92	65 - 135	6	20		
Methylene Chloride	81	93	54 - 141	13	26		
Tetrachloroethene	94	98	65 - 135	5	20		
Toluene	102	107	65 - 135	5	20		
1,1,1-Trichloroethane	132	121	65 - 135	8	20		
Trichloroethene	105	94	65 - 135	11	20		
Surrogate	MS % Rec		MSD % Rec	Acceptance Limits			
1,2-Dichloroethane-d4 (Surr)	103		107	70 - 127			
Toluene-d8 (Surr)	102		91	80 - 125			
4-Bromofluorobenzene (Surr)	87		92	78 - 120			
Dibromofluoromethane (Surr)	105		99	77 - 120			

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-296866**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID: 280-74439-4 Units: ug/L
Client Matrix: Water
Dilution: 1.0
Analysis Date: 09/29/2015 1021
Prep Date: 09/29/2015 1021
Leach Date: N/A

MSD Lab Sample ID: 280-74439-4
Client Matrix: Water
Dilution: 1.0
Analysis Date: 09/29/2015 1042
Prep Date: 09/29/2015 1042
Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Benzene	0.16 U		5.00	5.00	4.65	4.86
Bromodichloromethane	0.17 U		5.00	5.00	5.46	5.41
Carbon tetrachloride	0.19 U		5.00	5.00	6.92 F1	6.34
Chlorobenzene	0.17 U		5.00	5.00	4.63	4.66
Chloroform	0.16 U		5.00	5.00	5.47	5.43
1,3-Dichlorobenzene	0.13 U		5.00	5.00	4.53	4.57
1,1-Dichloroethane	0.51 J		5.00	5.00	5.28	5.86
trans-1,2-Dichloroethene	0.15 U		5.00	5.00	5.02	5.07
1,1-Dichloroethene	0.23 U		5.00	5.00	4.90	4.58
1,2-Dichloropropane	0.18 U		5.00	5.00	4.20	4.51
Ethylbenzene	0.16 U		5.00	5.00	4.32	4.58
Methylene Chloride	0.32 U		5.00	5.00	4.07	4.65
Tetrachloroethene	0.20 U		5.00	5.00	4.68	4.91
Toluene	0.17 U		5.00	5.00	5.09	5.35
1,1,1-Trichloroethane	0.16 U		5.00	5.00	6.58	6.07
Trichloroethene	0.16 U		5.00	5.00	5.26	4.70

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Method Blank - Batch: 280-296106

Method: 8260B SIM

Preparation: 5030B

Lab Sample ID: MB 280-296106/5	Analysis Batch: 280-296106	Instrument ID: VMS_E
Client Matrix: Water	Prep Batch: N/A	Lab File ID: E0365.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 09/23/2015 0754	Units: ug/L	Final Weight/Volume: 20 mL
Prep Date: 09/23/2015 0754		
Leach Date: N/A		

Analyte	Result	Qual	MDL	RL
1,4-Dioxane	0.22	U	0.22	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	91	70 - 127

Lab Control Sample - Batch: 280-296106

Method: 8260B SIM

Preparation: 5030B

Lab Sample ID: LCS 280-296106/3	Analysis Batch: 280-296106	Instrument ID: VMS_E
Client Matrix: Water	Prep Batch: N/A	Lab File ID: E0364.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 09/23/2015 0736	Units: ug/L	Final Weight/Volume: 20 mL
Prep Date: 09/23/2015 0736		
Leach Date: N/A		

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,4-Dioxane	5.00	5.18	104	25 - 141	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	87	70 - 127

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-296106**

**Method: 8260B SIM
Preparation: 5030B**

MS Lab Sample ID: 280-74439-2	Analysis Batch: 280-296106	Instrument ID: VMS_E
Client Matrix: Water	Prep Batch: N/A	Lab File ID: E0370.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 1 mL
Analysis Date: 09/23/2015 0935		Final Weight/Volume: 20 mL
Prep Date: 09/23/2015 0935		20 mL
Leach Date: N/A		

MSD Lab Sample ID: 280-74439-2	Analysis Batch: 280-296106	Instrument ID: VMS_E
Client Matrix: Water	Prep Batch: N/A	Lab File ID: E0371.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 1 mL
Analysis Date: 09/23/2015 0953		Final Weight/Volume: 20 mL
Prep Date: 09/23/2015 0953		20 mL
Leach Date: N/A		

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
1,4-Dioxane	96	156	25 - 141	22	20		F1 F2
Surrogate		MS % Rec	MSD % Rec			Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		94	92			70 - 127	

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-296106**

**Method: 8260B SIM
Preparation: 5030B**

MS Lab Sample ID: 280-74439-2	Units: ug/L	MSD Lab Sample ID: 280-74439-2
Client Matrix: Water		Client Matrix: Water
Dilution: 1.0		Dilution: 1.0
Analysis Date: 09/23/2015 0935		Analysis Date: 09/23/2015 0953
Prep Date: 09/23/2015 0935		Prep Date: 09/23/2015 0953
Leach Date: N/A		Leach Date: N/A

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
1,4-Dioxane	150	100	100	250	310 F1 F2

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Method Blank - Batch: 280-296300

Method: 8260B SIM

Preparation: 5030B

Lab Sample ID: MB 280-296300/5	Analysis Batch: 280-296300	Instrument ID: VMS_E
Client Matrix: Water	Prep Batch: N/A	Lab File ID: E0410.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 0821	Units: ug/L	Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 0821		
Leach Date: N/A		

Analyte	Result	Qual	MDL	RL
1,4-Dioxane	0.22	U	0.22	1.0
Surrogate	% Rec		Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	81		70 - 127	

Lab Control Sample - Batch: 280-296300

Method: 8260B SIM

Preparation: 5030B

Lab Sample ID: LCS 280-296300/3	Analysis Batch: 280-296300	Instrument ID: VMS_E
Client Matrix: Water	Prep Batch: N/A	Lab File ID: E0409.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 09/24/2015 0802	Units: ug/L	Final Weight/Volume: 20 mL
Prep Date: 09/24/2015 0802		
Leach Date: N/A		

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,4-Dioxane	5.00	4.50	90	25 - 141	
Surrogate		% Rec		Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		85		70 - 127	

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-296300**

**Method: 8260B SIM
Preparation: 5030B**

MS Lab Sample ID: 280-74439-13
Client Matrix: Water
Dilution: 1.0
Analysis Date: 09/24/2015 0909
Prep Date: 09/24/2015 0909
Leach Date: N/A

Analysis Batch: 280-296300
Prep Batch: N/A
Leach Batch: N/A

Instrument ID: VMS_E
Lab File ID: E0412.D
Initial Weight/Volume: 20 mL
Final Weight/Volume: 20 mL
20 mL

MSD Lab Sample ID: 280-74439-13
Client Matrix: Water
Dilution: 1.0
Analysis Date: 09/24/2015 0927
Prep Date: 09/24/2015 0927
Leach Date: N/A

Analysis Batch: 280-296300
Prep Batch: N/A
Leach Batch: N/A

Instrument ID: VMS_E
Lab File ID: E0413.D
Initial Weight/Volume: 20 mL
Final Weight/Volume: 20 mL
20 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
1,4-Dioxane	102	93	25 - 141	9	20		
Surrogate		MS % Rec	MSD % Rec			Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		82	86			70 - 127	

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-296300**

**Method: 8260B SIM
Preparation: 5030B**

MS Lab Sample ID: 280-74439-13
Client Matrix: Water
Dilution: 1.0
Analysis Date: 09/24/2015 0909
Prep Date: 09/24/2015 0909
Leach Date: N/A

Units: ug/L

MSD Lab Sample ID: 280-74439-13
Client Matrix: Water
Dilution: 1.0
Analysis Date: 09/24/2015 0927
Prep Date: 09/24/2015 0927
Leach Date: N/A

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
1,4-Dioxane	0.52 J	5.00	5.00	5.61	5.15

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74439-1
Sdg Number: 15087320

Method Blank - Batch: 280-296456

Method: 8260B SIM
Preparation: 5030B

Lab Sample ID: MB 280-296456/5	Analysis Batch: 280-296456	Instrument ID: VMS_E
Client Matrix: Water	Prep Batch: N/A	Lab File ID: E0440.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 09/25/2015 0845	Units: ug/L	Final Weight/Volume: 20 mL
Prep Date: 09/25/2015 0845		
Leach Date: N/A		

Analyte	Result	Qual	MDL	RL
1,4-Dioxane	0.22	U	0.22	1.0
Surrogate		% Rec	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	79		70 - 127	

Lab Control Sample - Batch: 280-296456

Method: 8260B SIM
Preparation: 5030B

Lab Sample ID: LCS 280-296456/3	Analysis Batch: 280-296456	Instrument ID: VMS_E
Client Matrix: Water	Prep Batch: N/A	Lab File ID: E0439.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 09/25/2015 0827	Units: ug/L	Final Weight/Volume: 20 mL
Prep Date: 09/25/2015 0827		
Leach Date: N/A		

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,4-Dioxane	5.00	5.70	114	25 - 141	
Surrogate		% Rec	Acceptance Limits		
1,2-Dichloroethane-d4 (Surr)		80		70 - 127	

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-296456**

**Method: 8260B SIM
Preparation: 5030B**

MS Lab Sample ID: 280-74439-35	Analysis Batch: 280-296456	Instrument ID: VMS_E
Client Matrix: Water	Prep Batch: N/A	Lab File ID: E0444.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 09/25/2015 1001		Final Weight/Volume: 20 mL
Prep Date: 09/25/2015 1001		20 mL
Leach Date: N/A		

MSD Lab Sample ID: 280-74439-35	Analysis Batch: 280-296456	Instrument ID: VMS_E
Client Matrix: Water	Prep Batch: N/A	Lab File ID: E0445.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 09/25/2015 1020		Final Weight/Volume: 20 mL
Prep Date: 09/25/2015 1020		20 mL
Leach Date: N/A		

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
1,4-Dioxane	137	115	25 - 141	13	20		
Surrogate		MS % Rec	MSD % Rec			Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		85	83			70 - 127	

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-296456**

**Method: 8260B SIM
Preparation: 5030B**

MS Lab Sample ID: 280-74439-35	Units: ug/L
Client Matrix: Water	
Dilution: 1.0	
Analysis Date: 09/25/2015 1001	
Prep Date: 09/25/2015 1001	
Leach Date: N/A	

MSD Lab Sample ID: 280-74439-35
Client Matrix: Water
Dilution: 1.0
Analysis Date: 09/25/2015 1020
Prep Date: 09/25/2015 1020
Leach Date: N/A

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
1,4-Dioxane	2.1	5.00	5.00	8.92	7.82

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74439-1
Sdg Number: 15087320

Method Blank - Batch: 280-296723

Method: 8260B SIM
Preparation: 5030B

Lab Sample ID: MB 280-296723/5	Analysis Batch: 280-296723	Instrument ID: VMS_E
Client Matrix: Water	Prep Batch: N/A	Lab File ID: E0474.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 0803	Units: ug/L	Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 0803		
Leach Date: N/A		

Analyte	Result	Qual	MDL	RL
1,4-Dioxane	0.22	U	0.22	1.0
Surrogate	% Rec		Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	86		70 - 127	

Lab Control Sample - Batch: 280-296723

Method: 8260B SIM
Preparation: 5030B

Lab Sample ID: LCS 280-296723/3	Analysis Batch: 280-296723	Instrument ID: VMS_E
Client Matrix: Water	Prep Batch: N/A	Lab File ID: E0473.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 0745	Units: ug/L	Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 0745		
Leach Date: N/A		

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,4-Dioxane	5.00	4.69	94	25 - 141	
Surrogate		% Rec		Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		86		70 - 127	

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-296723**

**Method: 8260B SIM
Preparation: 5030B**

MS Lab Sample ID: 280-74516-M-1 MS	Analysis Batch: 280-296723	Instrument ID: VMS_E
Client Matrix: Water	Prep Batch: N/A	Lab File ID: E0477.D
Dilution: 200	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 0920		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 0920		20 mL
Leach Date: N/A		

MSD Lab Sample ID: 280-74516-M-1 MSD	Analysis Batch: 280-296723	Instrument ID: VMS_E
Client Matrix: Water	Prep Batch: N/A	Lab File ID: E0478.D
Dilution: 200	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 09/28/2015 0939		Final Weight/Volume: 20 mL
Prep Date: 09/28/2015 0939		20 mL
Leach Date: N/A		

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
1,4-Dioxane	69	91	25 - 141	7	20		
Surrogate		MS % Rec	MSD % Rec			Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		86	91			70 - 127	

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-296723**

**Method: 8260B SIM
Preparation: 5030B**

MS Lab Sample ID: 280-74516-M-1 MS	Units: ug/L
Client Matrix: Water	
Dilution: 200	
Analysis Date: 09/28/2015 0920	
Prep Date: 09/28/2015 0920	
Leach Date: N/A	

MSD Lab Sample ID: 280-74516-M-1 MSD
Client Matrix: Water
Dilution: 200
Analysis Date: 09/28/2015 0939
Prep Date: 09/28/2015 0939
Leach Date: N/A

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
1,4-Dioxane	2200	1000	1000	2910	3130

DATA REPORTING QUALIFIERS

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

Lab Section	Qualifier	Description
GC/MS VOA		
	B	Compound was found in the blank and sample.
	U	Indicates the analyte was analyzed for but not detected.
	*	LCS or LCSD is outside acceptance limits.
	F1	MS and/or MSD Recovery is outside acceptance limits.
	4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
	F2	MS/MSD RPD exceeds control limits
	E	Result exceeded calibration range.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	X	Surrogate is outside control limits

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:280-296106					
LCS 280-296106/3	Lab Control Sample	T	Water	8260B SIM	
MB 280-296106/5	Method Blank	T	Water	8260B SIM	
280-74439-1	PIN12-0539	T	Water	8260B SIM	
280-74439-2	PIN12-0540	T	Water	8260B SIM	
280-74439-2MS	Matrix Spike	T	Water	8260B SIM	
280-74439-2MSD	Matrix Spike Duplicate	T	Water	8260B SIM	
280-74439-3	PIN12-0541	T	Water	8260B SIM	
280-74439-4	PIN12-0542	T	Water	8260B SIM	
280-74439-5	PIN12-0549	T	Water	8260B SIM	
280-74439-6	PIN12-0551-2	T	Water	8260B SIM	
280-74439-7	PIN12-0555A	T	Water	8260B SIM	
280-74439-8	PIN12-0555B	T	Water	8260B SIM	
280-74439-9	PIN12-0555C	T	Water	8260B SIM	
280-74439-10	PIN12-0568-1	T	Water	8260B SIM	
280-74439-11	PIN12-0568-2	T	Water	8260B SIM	
280-74439-12	PIN12-0568-3	T	Water	8260B SIM	
Analysis Batch:280-296300					
LCS 280-296300/3	Lab Control Sample	T	Water	8260B SIM	
MB 280-296300/5	Method Blank	T	Water	8260B SIM	
280-74439-13	PIN12-0569-1	T	Water	8260B SIM	
280-74439-13MS	Matrix Spike	T	Water	8260B SIM	
280-74439-13MSD	Matrix Spike Duplicate	T	Water	8260B SIM	
280-74439-14	PIN12-0569-2	T	Water	8260B SIM	
280-74439-15	PIN12-0569-3	T	Water	8260B SIM	
280-74439-16	PIN12-0570-1	T	Water	8260B SIM	
280-74439-17	PIN12-0570-2	T	Water	8260B SIM	
280-74439-18	PIN12-0570-3	T	Water	8260B SIM	
280-74439-19	PIN12-0572-1	T	Water	8260B SIM	
280-74439-20	PIN12-0572-2	T	Water	8260B SIM	
280-74439-21	PIN12-0573-1	T	Water	8260B SIM	
280-74439-22	PIN12-0573-2	T	Water	8260B SIM	
280-74439-23	PIN12-0573-3	T	Water	8260B SIM	
280-74439-24	PIN12-0578-1	T	Water	8260B SIM	
280-74439-25	PIN12-0578-2	T	Water	8260B SIM	
280-74439-26	PIN12-0578-3	T	Water	8260B SIM	
280-74439-27	PIN12-0586-1	T	Water	8260B SIM	
280-74439-28	PIN12-0586-2	T	Water	8260B SIM	
280-74439-29	PIN12-0586-3	T	Water	8260B SIM	
280-74439-31	PIN12-2450	T	Water	8260B SIM	
280-74439-33	PIN12-S68B	T	Water	8260B SIM	
280-74439-34	PIN12-S68C	T	Water	8260B SIM	

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:280-296456					
LCS 280-296456/3	Lab Control Sample	T	Water	8260B SIM	
MB 280-296456/5	Method Blank	T	Water	8260B SIM	
280-74439-35	PIN12-S68D	T	Water	8260B SIM	
280-74439-35MS	Matrix Spike	T	Water	8260B SIM	
280-74439-35MSD	Matrix Spike Duplicate	T	Water	8260B SIM	
280-74439-36	PIN12-S69B	T	Water	8260B SIM	
280-74439-37	PIN12-S69C	T	Water	8260B SIM	
280-74439-38	PIN12-S69D	T	Water	8260B SIM	
280-74439-39	PIN12-S70B	T	Water	8260B SIM	
280-74439-40	PIN12-S70C	T	Water	8260B SIM	
280-74439-41	PIN12-S70D	T	Water	8260B SIM	
280-74439-42	PIN12-S71B	T	Water	8260B SIM	
Analysis Batch:280-296720					
LCS 280-296720/4	Lab Control Sample	T	Water	8260B	
MB 280-296720/6	Method Blank	T	Water	8260B	
280-74349-I-2 MS	Matrix Spike	T	Water	8260B	
280-74349-I-2 MSD	Matrix Spike Duplicate	T	Water	8260B	
280-74439-21	PIN12-0573-1	T	Water	8260B	
280-74439-22	PIN12-0573-2	T	Water	8260B	
280-74439-23	PIN12-0573-3	T	Water	8260B	
280-74439-27	PIN12-0586-1	T	Water	8260B	
280-74439-28	PIN12-0586-2	T	Water	8260B	
280-74439-29	PIN12-0586-3	T	Water	8260B	
280-74439-30	PIN99-2199	T	Water	8260B	
280-74439-32	PIN99-2690	T	Water	8260B	
280-74439-33	PIN12-S68B	T	Water	8260B	
280-74439-34	PIN12-S68C	T	Water	8260B	
280-74439-35	PIN12-S68D	T	Water	8260B	
280-74439-45	PIN12-S73B	T	Water	8260B	
280-74439-46	PIN12-S73C	T	Water	8260B	
280-74439-46DL	PIN12-S73C	T	Water	8260B	

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:280-296721					
LCS 280-296721/4	Lab Control Sample	T	Water	8260B	
MB 280-296721/6	Method Blank	T	Water	8260B	
280-74439-1	PIN12-0539	T	Water	8260B	
280-74439-1MS	Matrix Spike	T	Water	8260B	
280-74439-1MSD	Matrix Spike Duplicate	T	Water	8260B	
280-74439-2	PIN12-0540	T	Water	8260B	
280-74439-3	PIN12-0541	T	Water	8260B	
280-74439-6	PIN12-0551-2	T	Water	8260B	
280-74439-10	PIN12-0568-1	T	Water	8260B	
280-74439-11	PIN12-0568-2	T	Water	8260B	
280-74439-12	PIN12-0568-3	T	Water	8260B	
280-74439-13	PIN12-0569-1	T	Water	8260B	
280-74439-14	PIN12-0569-2	T	Water	8260B	
280-74439-15	PIN12-0569-3	T	Water	8260B	
280-74439-16	PIN12-0570-1	T	Water	8260B	
280-74439-17	PIN12-0570-2	T	Water	8260B	
280-74439-18	PIN12-0570-3	T	Water	8260B	
280-74439-19	PIN12-0572-1	T	Water	8260B	
280-74439-20	PIN12-0572-2	T	Water	8260B	
Analysis Batch:280-296723					
LCS 280-296723/3	Lab Control Sample	T	Water	8260B SIM	
MB 280-296723/5	Method Blank	T	Water	8260B SIM	
280-74439-43	PIN12-S71C	T	Water	8260B SIM	
280-74439-44	PIN12-S71D	T	Water	8260B SIM	
280-74439-45	PIN12-S73B	T	Water	8260B SIM	
280-74439-46	PIN12-S73C	T	Water	8260B SIM	
280-74516-M-1 MS	Matrix Spike	T	Water	8260B SIM	
280-74516-M-1 MSD	Matrix Spike Duplicate	T	Water	8260B SIM	

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-74439-1

Sdg Number: 15087320

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:280-296866					
LCS 280-296866/4	Lab Control Sample	T	Water	8260B	
MB 280-296866/6	Method Blank	T	Water	8260B	
280-74439-4	PIN12-0542	T	Water	8260B	
280-74439-4MS	Matrix Spike	T	Water	8260B	
280-74439-4MSD	Matrix Spike Duplicate	T	Water	8260B	
280-74439-5	PIN12-0549	T	Water	8260B	
280-74439-7	PIN12-0555A	T	Water	8260B	
280-74439-8	PIN12-0555B	T	Water	8260B	
280-74439-9	PIN12-0555C	T	Water	8260B	
280-74439-24	PIN12-0578-1	T	Water	8260B	
280-74439-25	PIN12-0578-2	T	Water	8260B	
280-74439-26	PIN12-0578-3	T	Water	8260B	
280-74439-31	PIN12-2450	T	Water	8260B	
280-74439-36	PIN12-S69B	T	Water	8260B	
280-74439-37	PIN12-S69C	T	Water	8260B	
280-74439-38	PIN12-S69D	T	Water	8260B	
280-74439-39	PIN12-S70B	T	Water	8260B	
280-74439-40	PIN12-S70C	T	Water	8260B	
280-74439-41	PIN12-S70D	T	Water	8260B	
280-74439-42	PIN12-S71B	T	Water	8260B	
280-74439-43	PIN12-S71C	T	Water	8260B	
280-74439-44	PIN12-S71D	T	Water	8260B	

Report Basis

T = Total