LMS/PIN/N01962

Pinellas County, Florida, Site Environmental Restoration Project

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

June Through November 2014

December 2014

U.S. DEPARTMENT OF ENERGY | Legacy Management

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Abbreviations

cDCE	*cis*-1,2-dichloroethene
COPC	contaminant of potential concern
CTL	cleanup target level
1,1-DCE	1,1-dichloroethene
DOE	U.S. Department of Energy
EPA	U.S. Environmental Protection Agency
FDEP	Florida Department of Environmental Protection
HSWA	Hazardous and Solid Waste Amendments
IC	institutional control
LM	Office of Legacy Management
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
TCOPCs	total contaminants of potential concern
tDCE	*trans*-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 have included 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, enabling 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 administration of DOE activities at the facility is the responsibility of the DOE Office of Legacy Management (LM). The S.M. Stoller Corporation, a wholly owned subsidiary of Huntington Ingalls Industries, and a prime contractor to LM, provides technical support to DOE for remediation and closure of all active SWMUs onsite.

The EPA RCRA Facility Assessment Report and the HSWA permit identified 15 sites at the former DOE facility that might have 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 twelfth 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 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 be finalized once institutional controls (ICs) are implemented.

DOE is working with the STAR Center landowner (Pinellas County Industrial Development Authority) to establish ICs (Declarations of Restrictive Covenant between the FDEP and the landowners) at the STAR Center and the adjacent properties affected by the Building 100 Area groundwater plume. Once ICs are in place, there will be no potential for current or future exposure to contaminated groundwater. ICs will need to be established and approved by FDEP before a formal No Further Action determination can be made. 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 also were stored in this area.

Several campaigns for 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) summarizes 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 2014b). Plume stability monitoring began with the March 2013 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 (formerly known as *Dehalococcoides ethenogenes*) 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 finalization of ICs at the STAR Center.

1.4 Site Update

The following tasks were accomplished during the June through November 2014 time period.

- The sitewide semiannual sampling event was conducted September 9–18, 2014. This event consisted of collection of water samples from 100 monitoring wells at the Building 100 Area for plume stability monitoring. Water level measurements were obtained from all accessible monitoring wells, recovery wells, and ponds on September 10. A new sampling procedure, described in Section 3.1, was used for this sampling event.
- The *Interim Corrective Measure Work Plan for Source and Plume Treatment at the Building 100 Area* (DOE 2014a) was submitted to FDEP on October 2. The objective of this work is to use emulsified soybean oil and the microorganism *Dehalococcoides mccartyi* to treat the known contaminant source areas beneath the building to decrease contaminant source mass and concentration, the high-concentration dissolved phase contaminant plume beneath the building, the dissolved phase contaminant plumes downgradient from the building on the STAR Center property, and the dissolved phase contaminant plumes located on the offsite properties.
- Injection of emulsified soybean oil and *Dehalococcoides mccartyi* in the dissolved phase plumes on the STAR Center property started on October 20 and was completed on November 21. The approximate locations of the injection points are shown on Figure 3.

1.5 Waste Minimization

The following materials were recycled at the Pinellas site from June through November 2014:

- 57 pounds of paper
- 18 pounds of cardboard
- 18 pounds of plastic
- 30 pounds of magazines
- 2 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, 2014. 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). 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 2014 (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 2014 was about 0.002 foot/foot onsite and about 0.003 foot/foot offsite to the south. Based on 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 3 to 4 feet/year.

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 to 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 2014 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 2014, groundwater samples were collected from 100 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.

Figures 6–14 are plume maps for the Building 100 Area for September 2014. 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 Inc. 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.

This September 2014 sampling event was the first event during which water was allowed to pass through the peristaltic pump head before collection into the sample vials, a sampling technique that had just been approved by FDEP. Also per FDEP approval, several weeks before the sampling event, bladder pumps were removed from all 1-inch-diameter and 2-inch-diameter wells and dedicated Teflon tubing was installed into each of these wells. The new sampling technique (i.e., sampling through the pump head) was used at all wells, including continuous multi-channel tubing wells. This technique will also be used for future sampling events.

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).

Several analytes 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 the poor RPD values. These results were "J" qualified as estimated values due to the poor RPD values.

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 one duplicate for every 20 or fewer samples. For the STAR Center, 100 samples and 5 duplicates were collected for volatiles analysis, and 100 samples and 5 duplicates were collected for 1,4-dioxane analysis. The duplicate requirements for this sampling event were met. Nine trip 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 Plume Stability Monitoring

The Plume Stability Monitoring Plan for the Building 100 Area is included in an appendix to the *Long-Term Surveillance and Maintenance Plan for the Pinellas Site* (DOE 2014b). This plan defines the strategy to determine the stability of the onsite and offsite plumes. The plume stability monitoring approach involves establishment of plume cross sections using certain sets

of wells and the determination of an area under the curve for each cross section. The cross section lines are shown on Figure 15. Semiannual plume stability monitoring began with the March 2013 sampling event.

The lateral cross sections allow evaluation of the entire width of each plume as it emerges from under the building and at the site boundary; if the plume is expanding laterally (concentrations increasing at the sides of the plume), this will be seen as an increase in the area under the curve. The longitudinal cross section in each plume will use wells in the centerline of the plume (the highest concentration area) to determine if the plume is expanding at its leading edge and if concentrations are decreasing, stable, or increasing in the plume centerline.

Each "data point" in the cross sections is the location of a well triple (i.e., wells with three different screened intervals) or a well pair. The value plotted at each data point is the sum of COPC concentrations in all sampled intervals in the well pair or triple at that location. For example, in cross-section E1-E2, the northern data point will be the sum of TCE, cDCE, tDCE, 1,1-DCE, VC, and 1,4-dioxane concentrations measured in wells 12-0555A, 12-0555B, and 12-0555C.

For each sampling event, a "curve" will be plotted for each cross section, and then the area under the curve will be calculated. The area under the curve values will be tracked from event to event, a trend line will be fit to the data, and a typical range of variation of the area under the curve established for seasonal or other effects. The plume may be designated as unstable if an increasing trend beyond the established range is observed.

In addition to the plume stability monitoring scheme presented above, several wells that are not part of a cross section will also be sampled to determine whether the plume is advancing at any of its boundaries. At each of these well locations, the COPC concentrations from all screened intervals will be summed, and the sum will be plotted. For example, for the well triple 12-0570 located on the Harrod property (Figure 15), the COPC concentrations in all three screened intervals (12-0570-1, -2, and -3) will be summed, plotted, and evaluated as above.

Table 5 contains the COPCs data generated since plume stability monitoring began in March 2013. The COPCs data from September 2014 are listed by cross section in Table 6. The sum of COPCs at each "data point" in each cross section is listed in Table 7. The area under the curve for each cross section is listed in Table 8. The area under the curve is a dimensionless value calculated using a spreadsheet; it is not the sum of the COPCs in each cross section. Figures 16–27 show the curve plots and the area under the curve trends for each cross section. Figures 28–30 show the sum of COPCs trends for monitoring well triples PIN12-0565, -0568, and -0570, respectively.

Two full years of plume stability monitoring (four semiannual sampling events; two wet season events and two dry season events) have been completed as of the September 2014 sampling event.

The linear regression trend lines fit to the area under the curve plots for the east plume, E1-E2, E3-E4, and E5-E6 (Figures 17, 19, and 21), show decreasing, level, and increasing trends, respectively. The increasing trend in E5-E6 is due mainly to concentration increases in the S67 well triple beneath the building and the 0582 well triple located near the east property boundary.

The linear regression trend lines fit to the area under the curve plots for the south plume, S1-E2, S2-S3, and S4-S5 (Figures 23, 25, and 27), all show increasing trends. In cross-section S1-E2, the increasing trend is due to significant concentration increases in the 0585 well triple. The increasing trend in cross-section S2-S3 is due solely to significant concentration increases in the 12-0587 well triple. The increasing trend in cross-section S4-S5 also is due to the concentration increases in the 0585 and 0587 well triples. The offsite wells in the S4-S5 cross section show stable trends, suggesting that attenuation processes act to mitigate concentration increases from the onsite portion of the plume.

5.0 Upcoming Tasks

The following major tasks are planned for the next semiannual period (December 2014 through May 2015):

- A vapor intrusion mitigation pilot test will be conducted beneath Building 100 in early January 2015. Subsequently, a full-scale vapor intrusion mitigation system may be installed, depending on the results of the pilot test.
- Emulsified soybean oil and *Dehalococcoides mccartyi* will be injected on the four properties to the south and east of the STAR Center in February.
- Plume stability monitoring at the Building 100 Area will continue with the semiannual sampling event in March 2015.
- Horizontal wells are planned for installation beneath Building 100 in April and May 2015.

6.0 References

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EPA (U.S. Environmental Protection Agency), 1988. *RCRA Facility Assessment Department of Energy—Fl6 890 090 008*, June.

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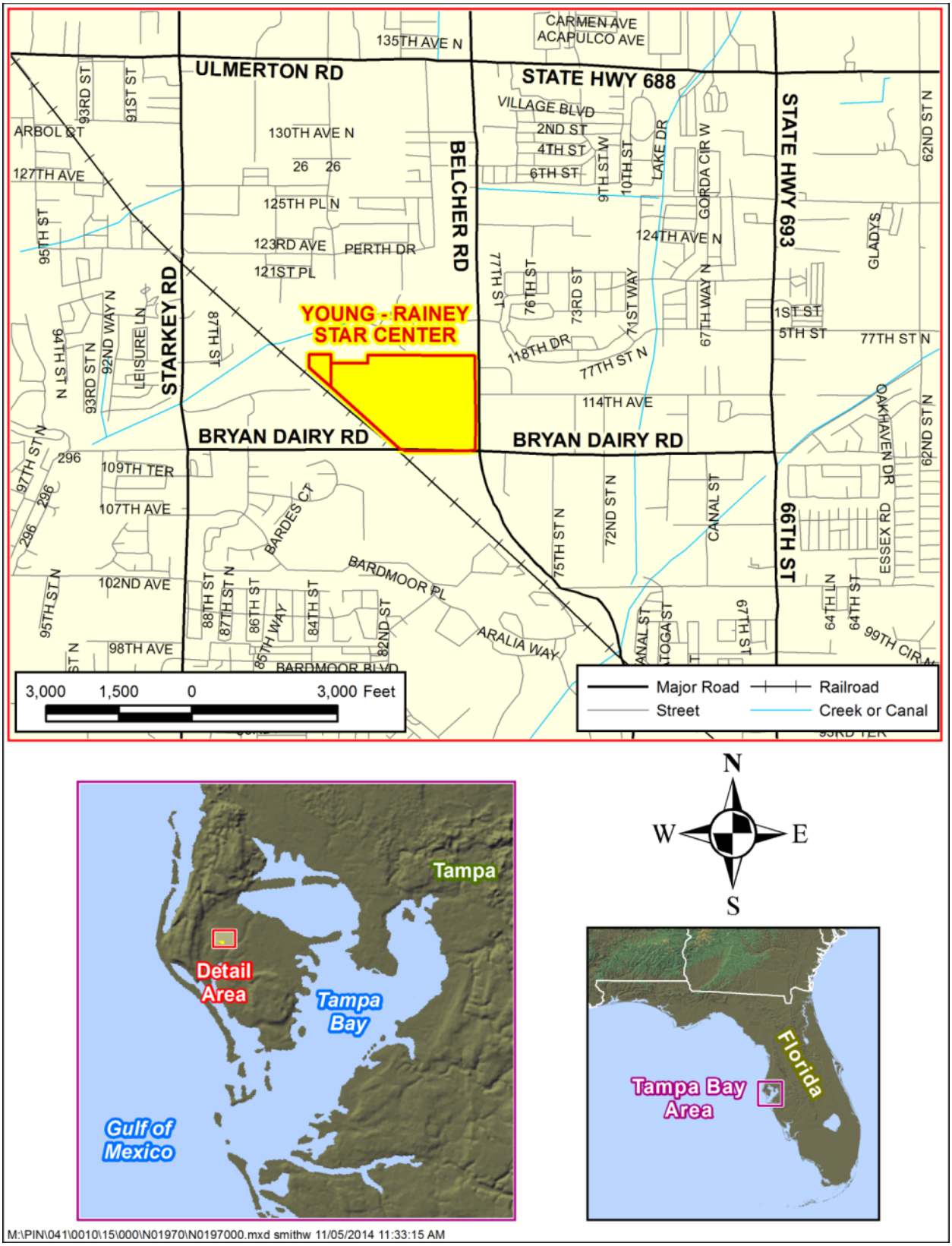


Figure 1. Young - Rainey STAR Center Location

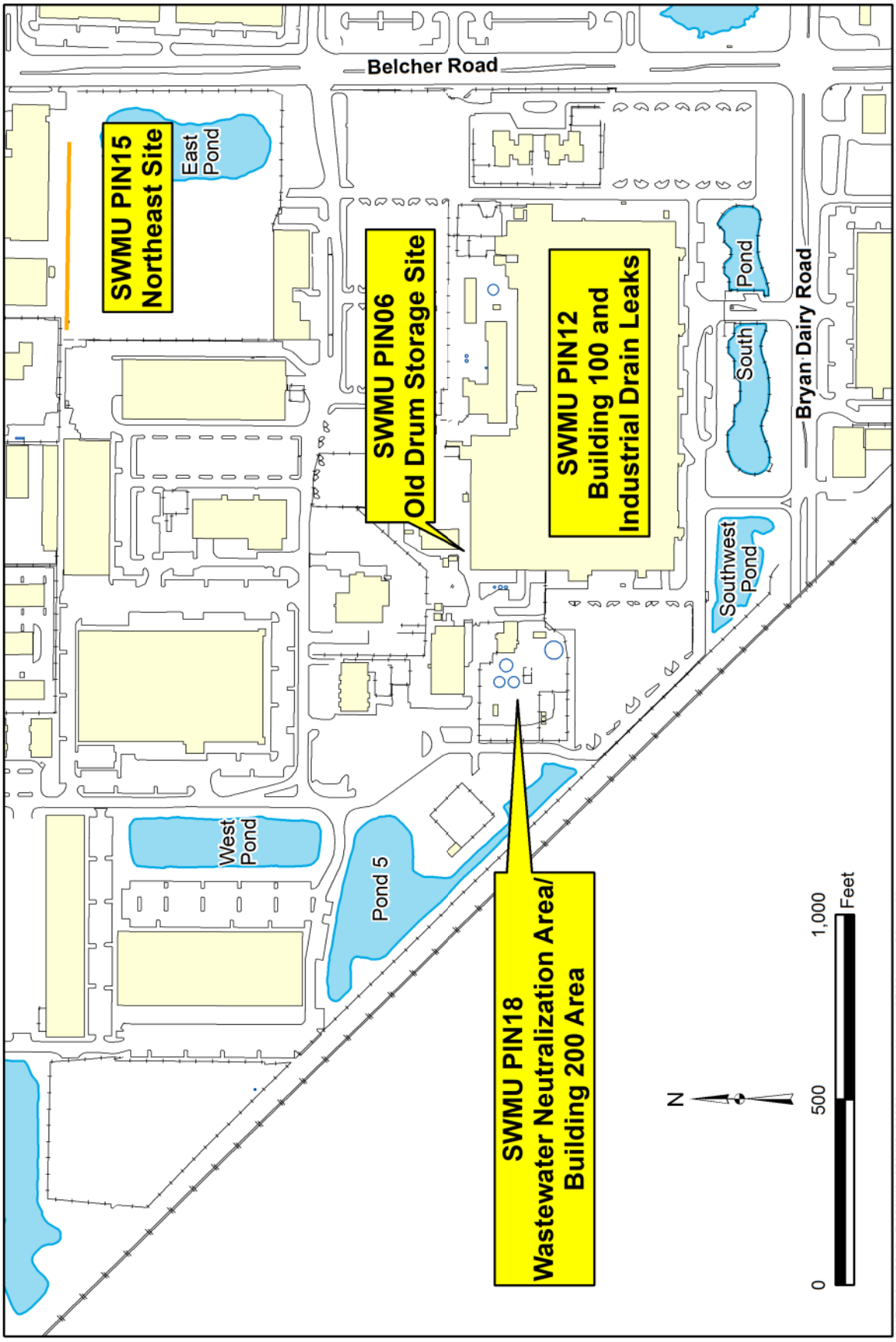


Figure 2. Location of STAR Center Solid-Waste Management Units (SWMUs)

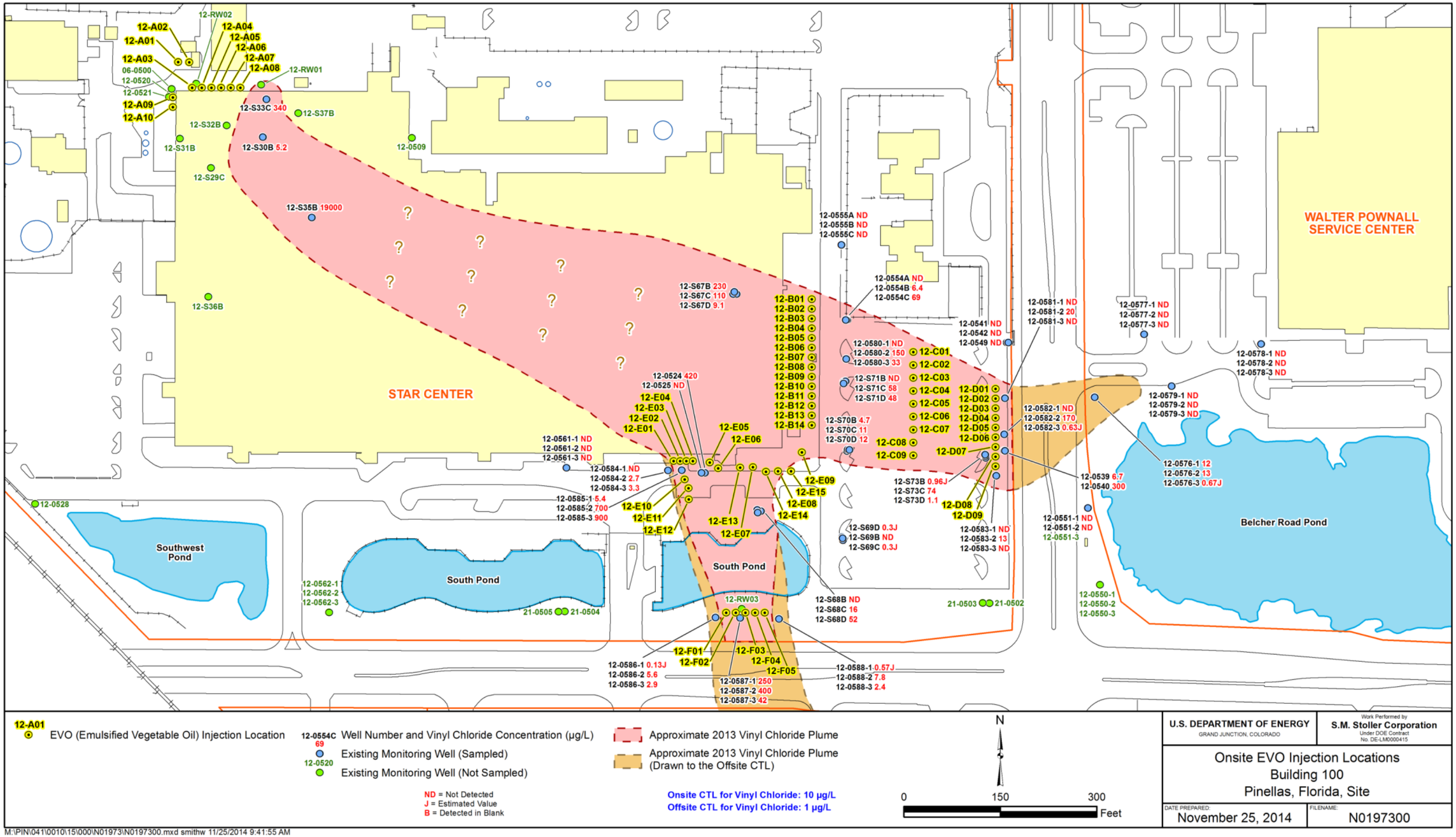


Figure 3. Approximate Emulsified Soybean Oil Injection Locations

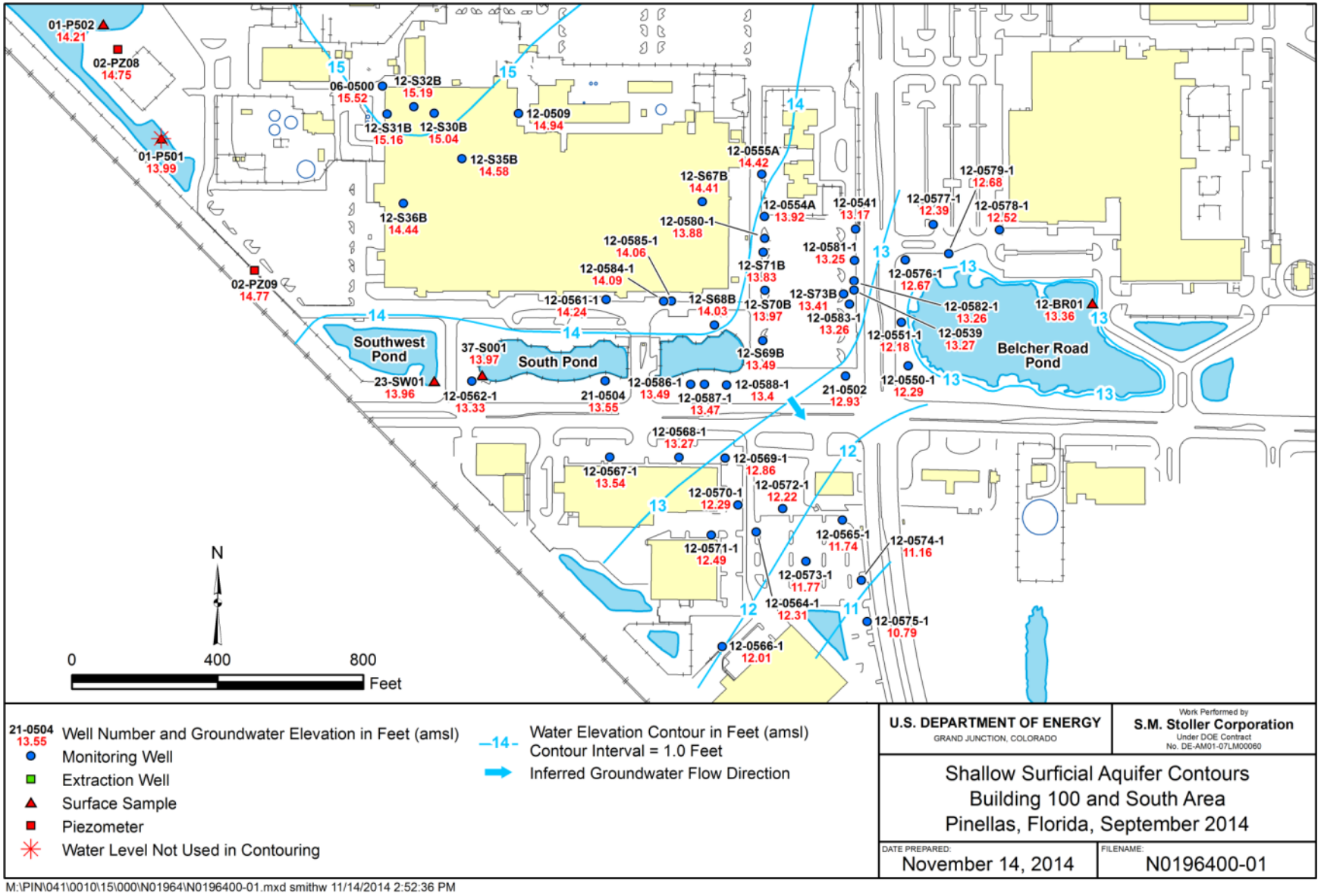


Figure 4. Building 100 Area Shallow Surficial Aquifer Flow, September 2014

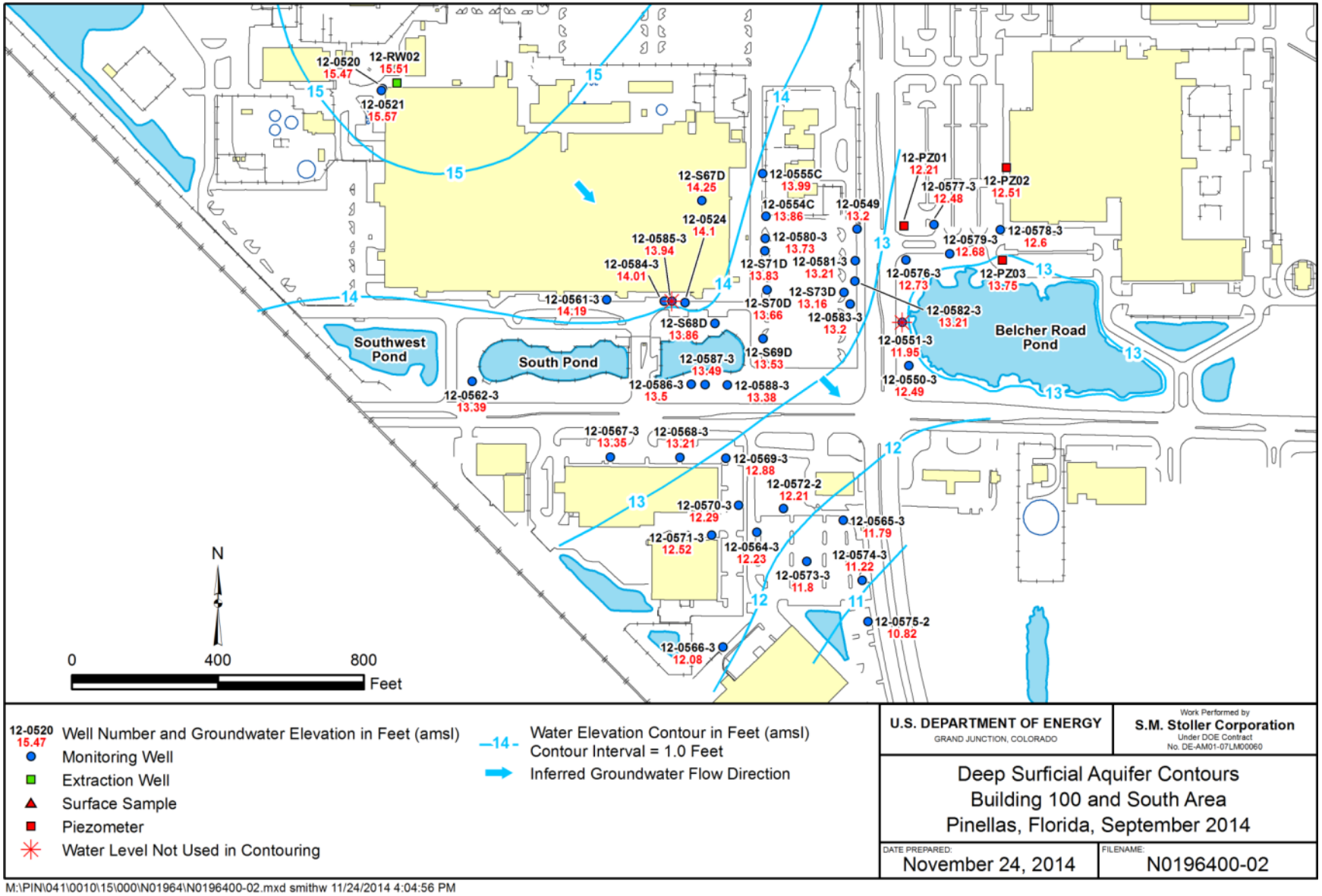


Figure 5. Building 100 Area Deep Surficial Aquifer Flow, September 2014

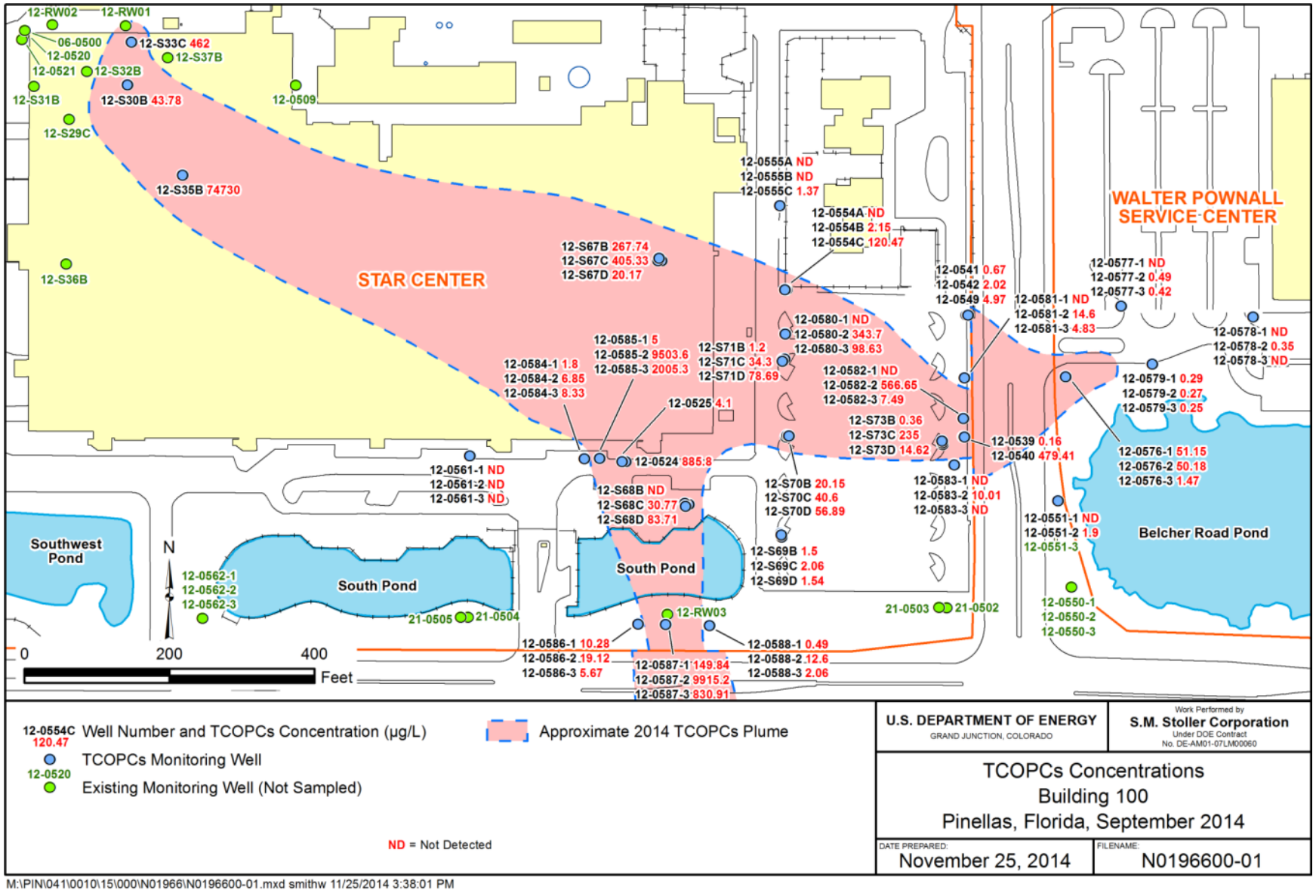


Figure 6. Building 100 Area TCOPCs Concentrations, September 2014

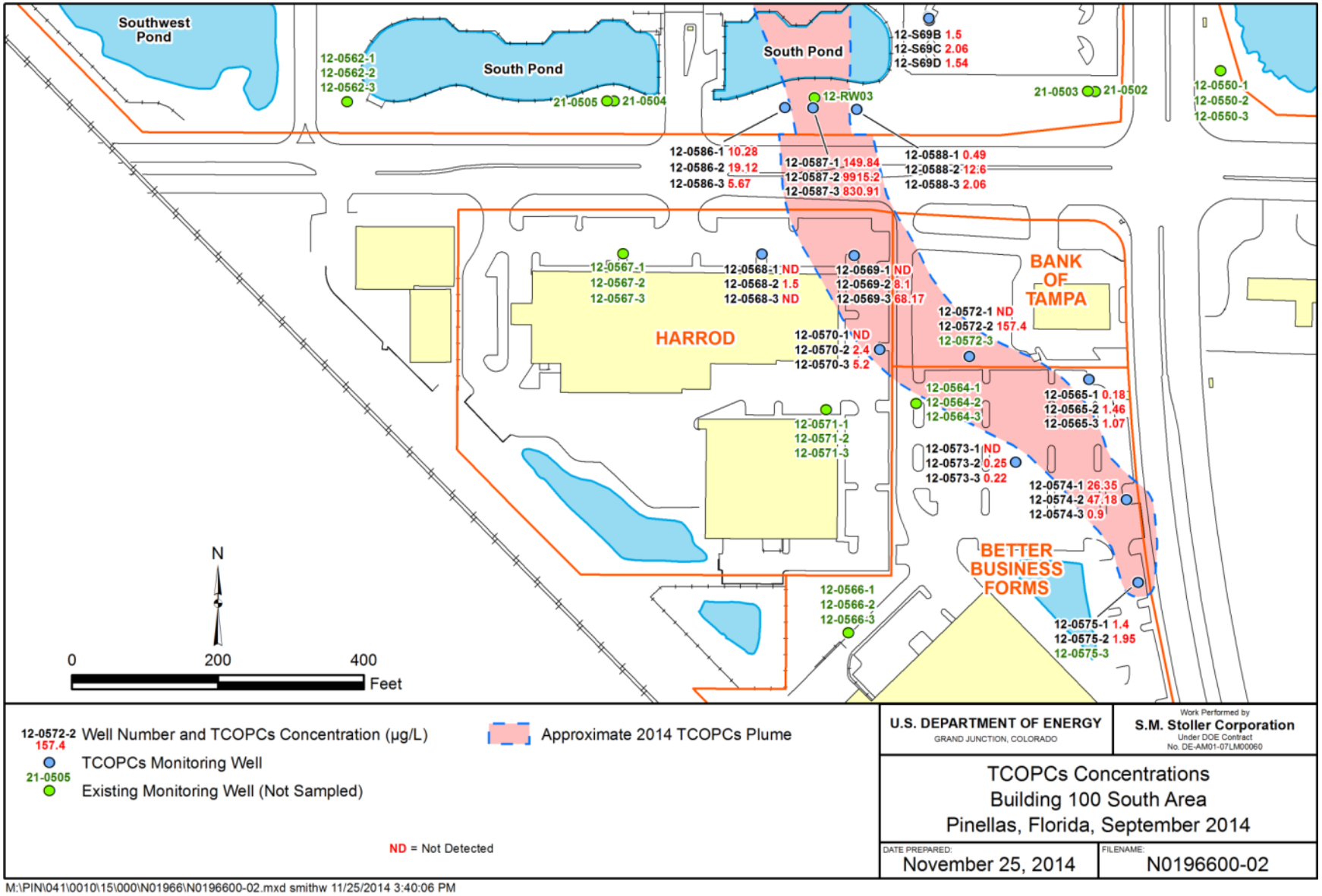


Figure 7. Building 100 Area South TCOPCs Concentrations, September 2014

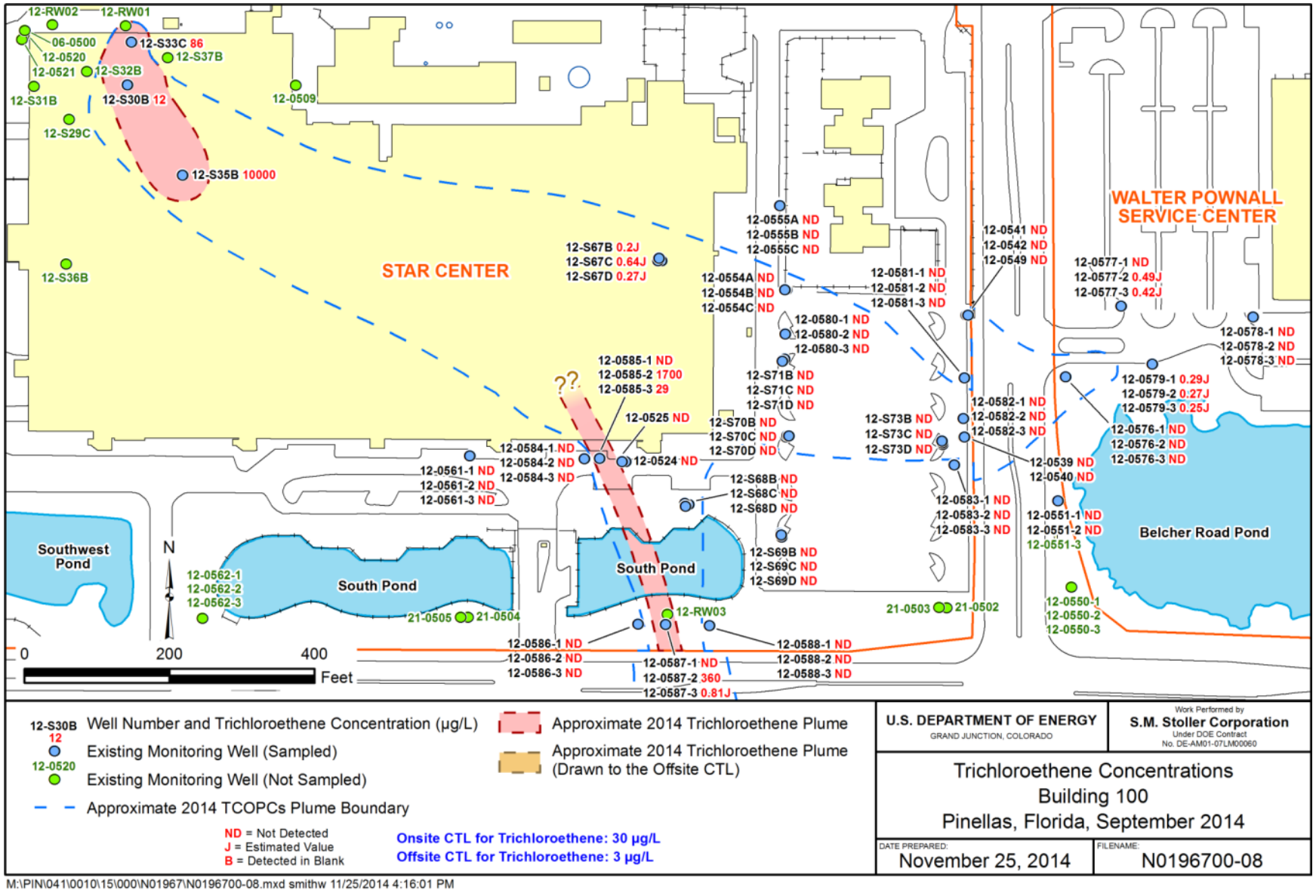


Figure 8. Building 100 Area TCE Concentrations, September 2014

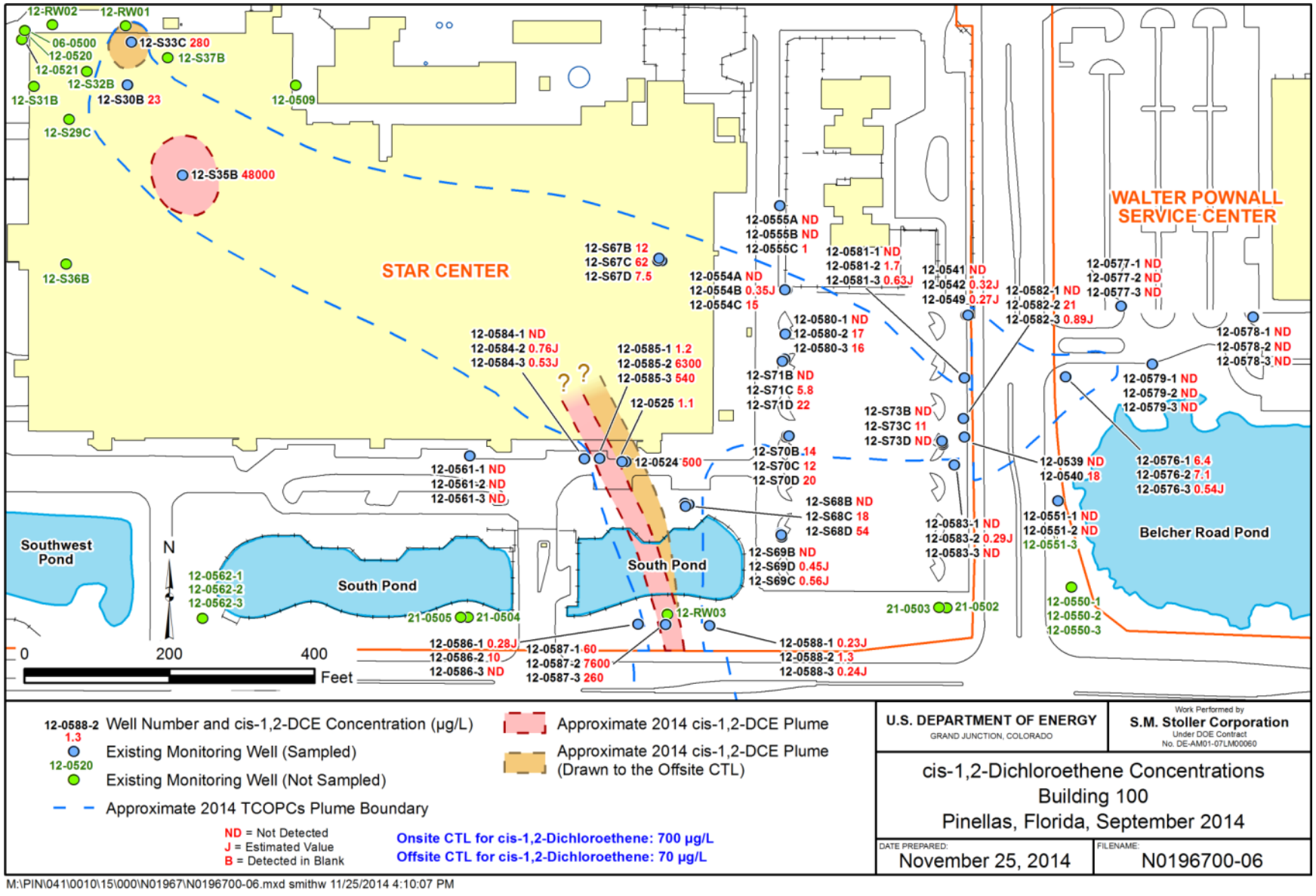


Figure 9. Building 100 Area cDCE Concentrations, September 2014

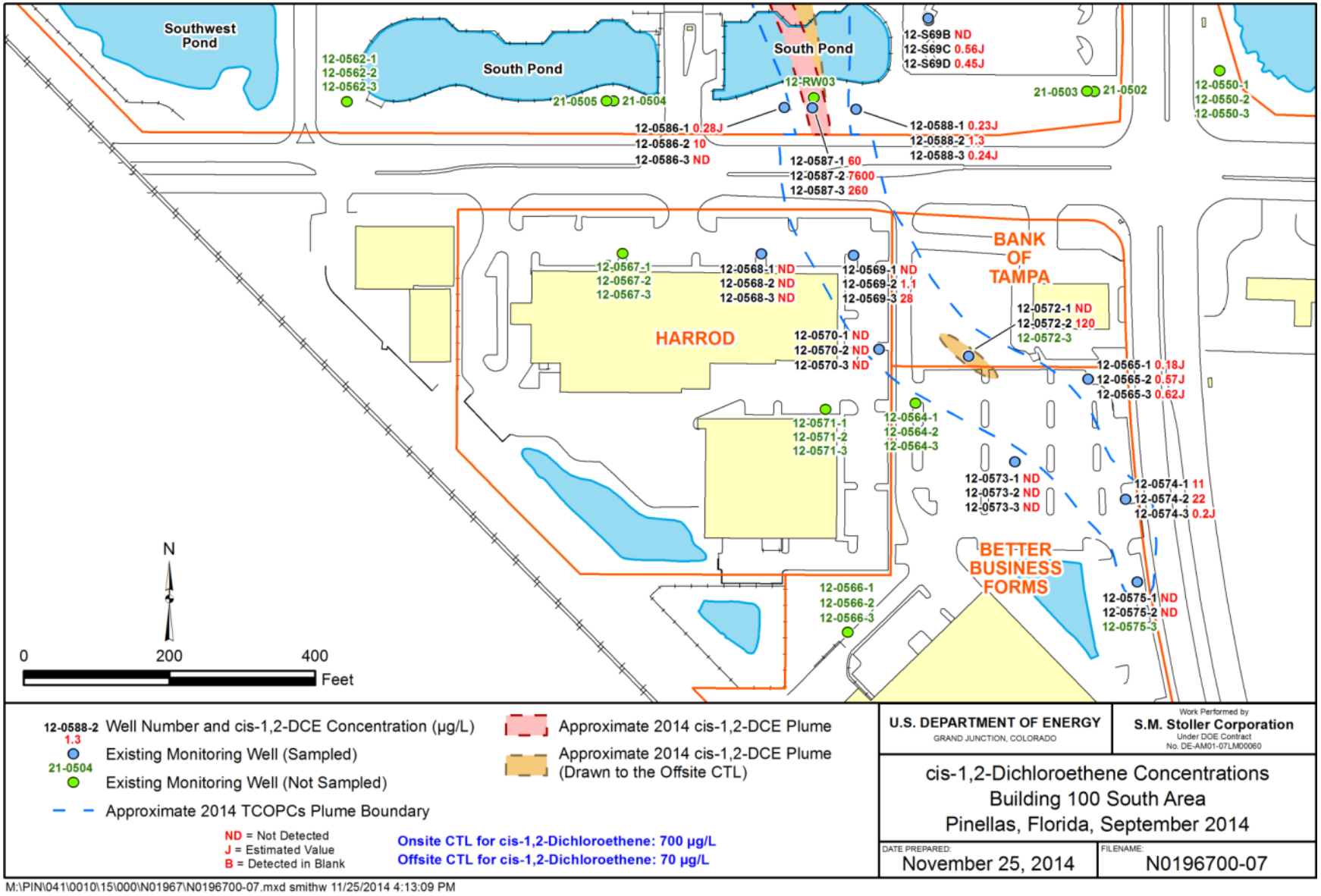


Figure 10. Building 100 Area South cDCE Concentrations, September 2014

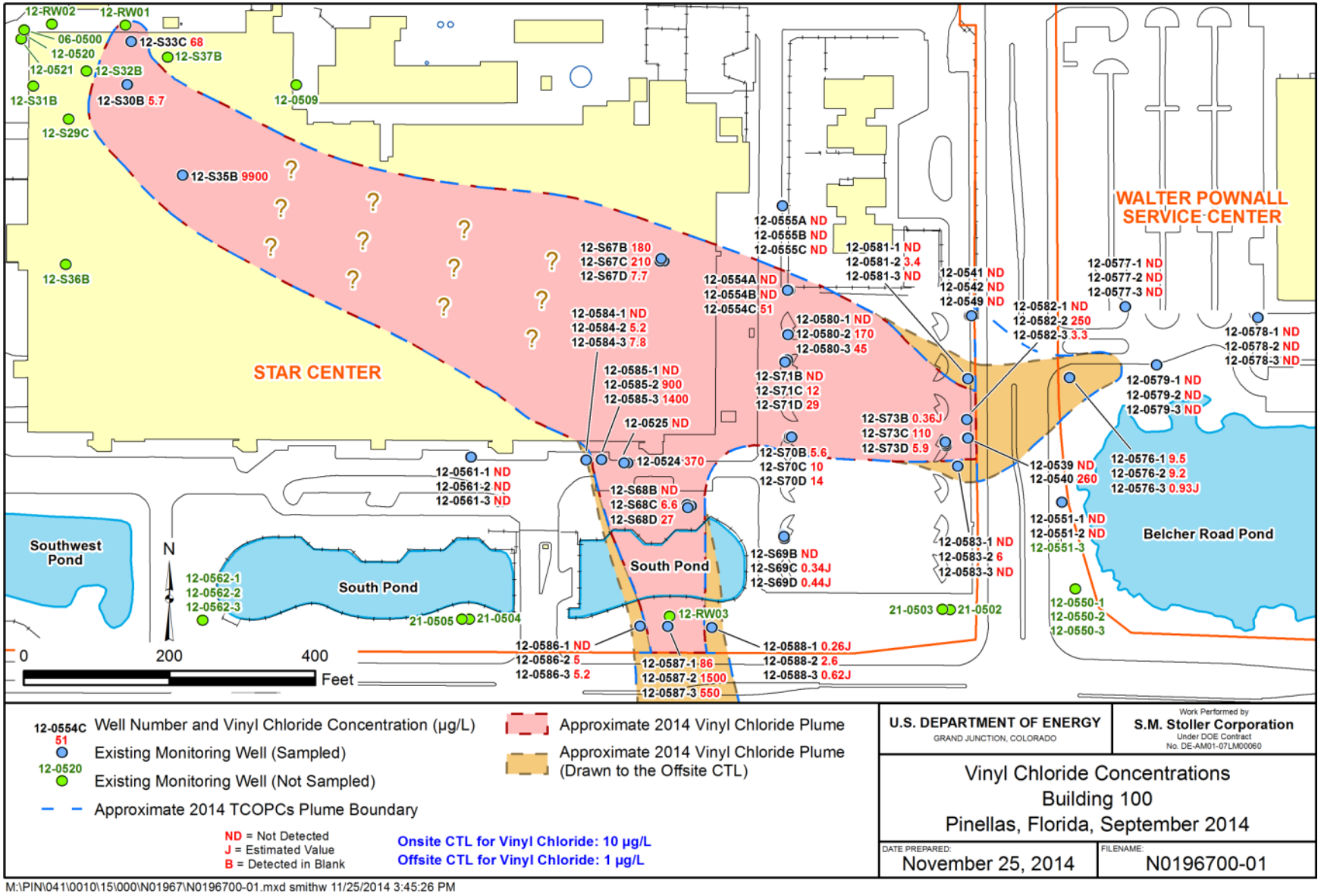


Figure 11. Building 100 Area VC Concentrations, September 2014

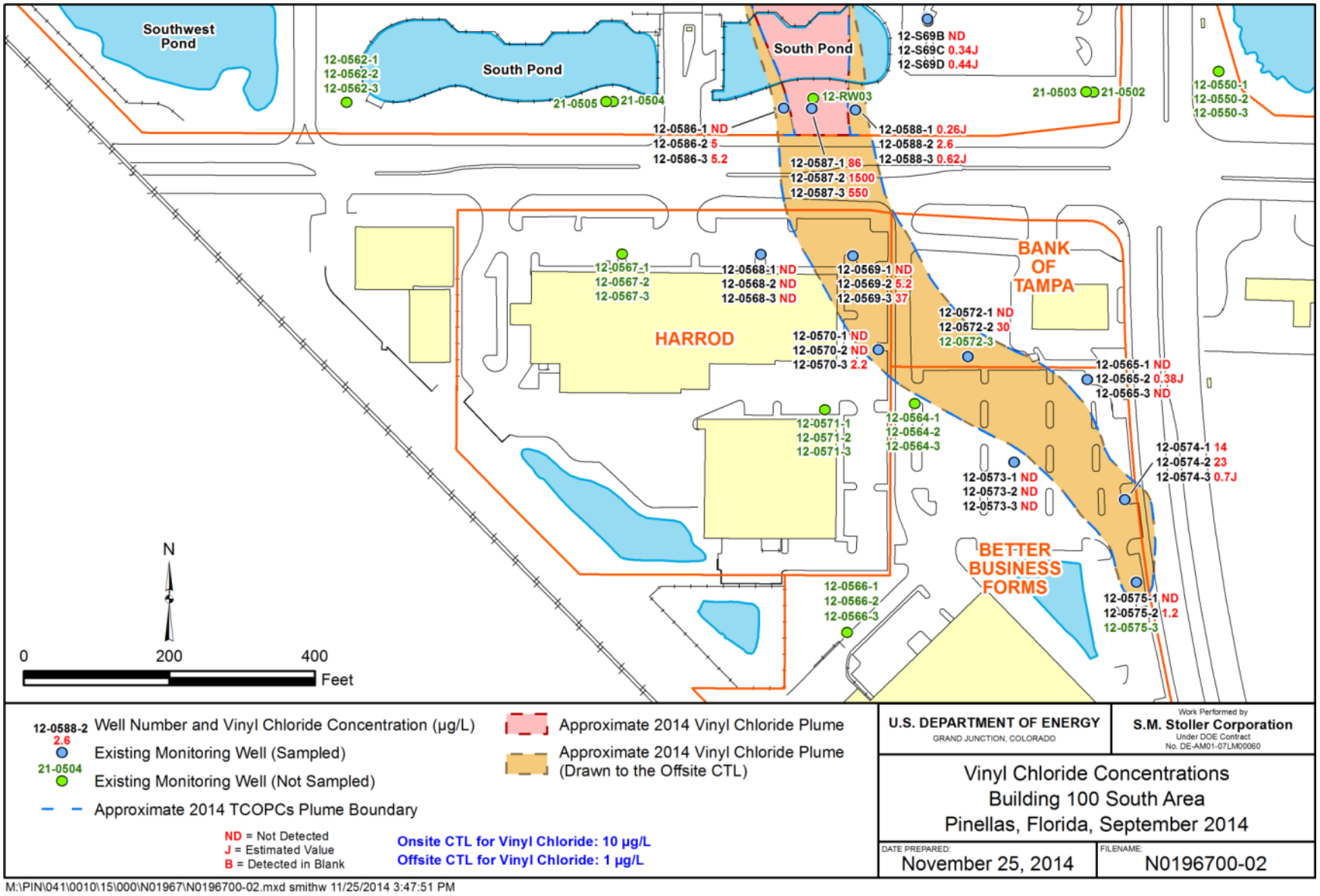


Figure 12. Building 100 Area South VC Concentrations, September 2014

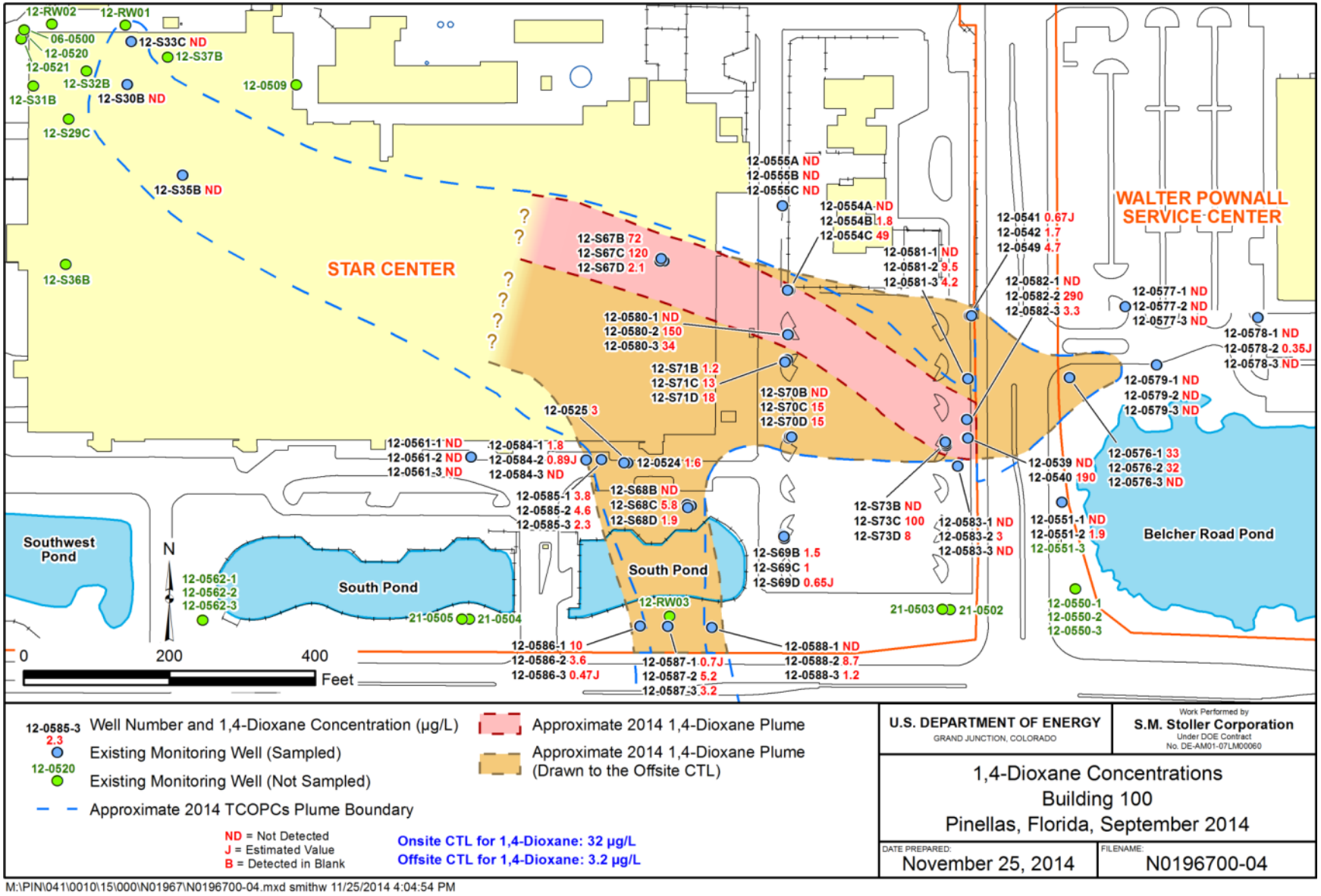


Figure 13. Building 100 Area 1,4-dioxane Concentrations, September 2014

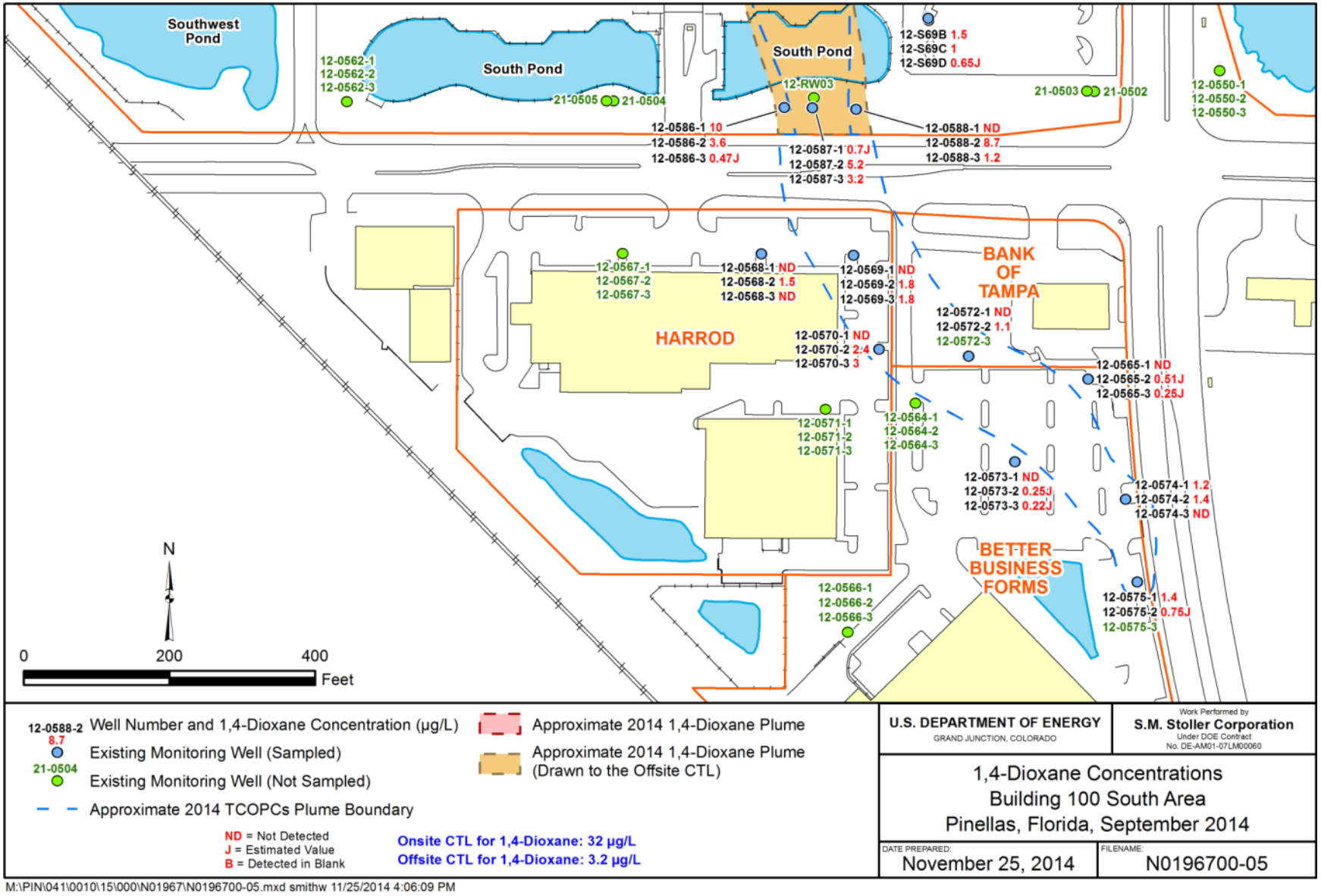


Figure 14. Building 100 Area South 1,4-dioxane Concentrations, September 2014

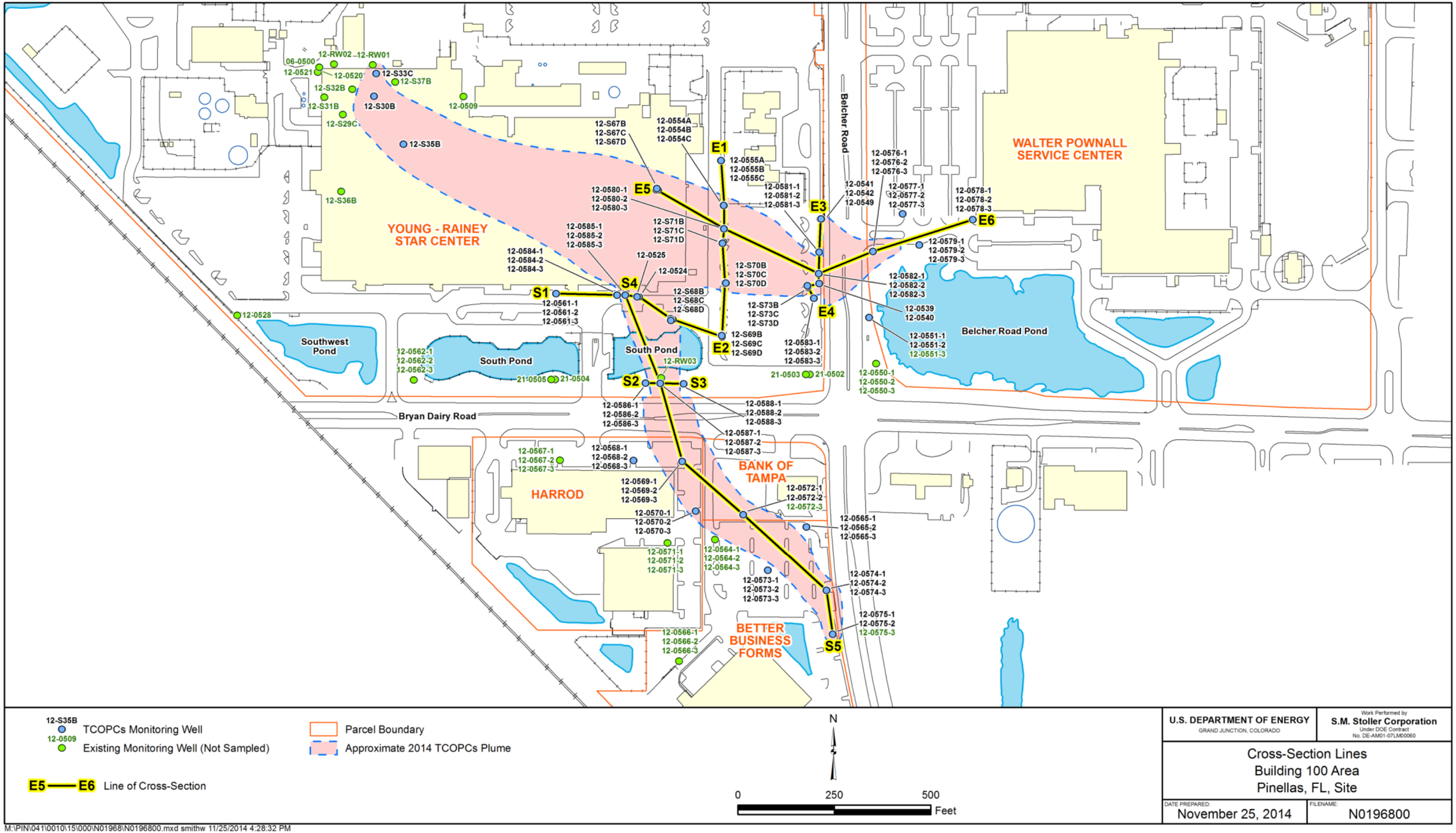


Figure 15. Building 100 Area Plume Stability Monitoring Cross Sections

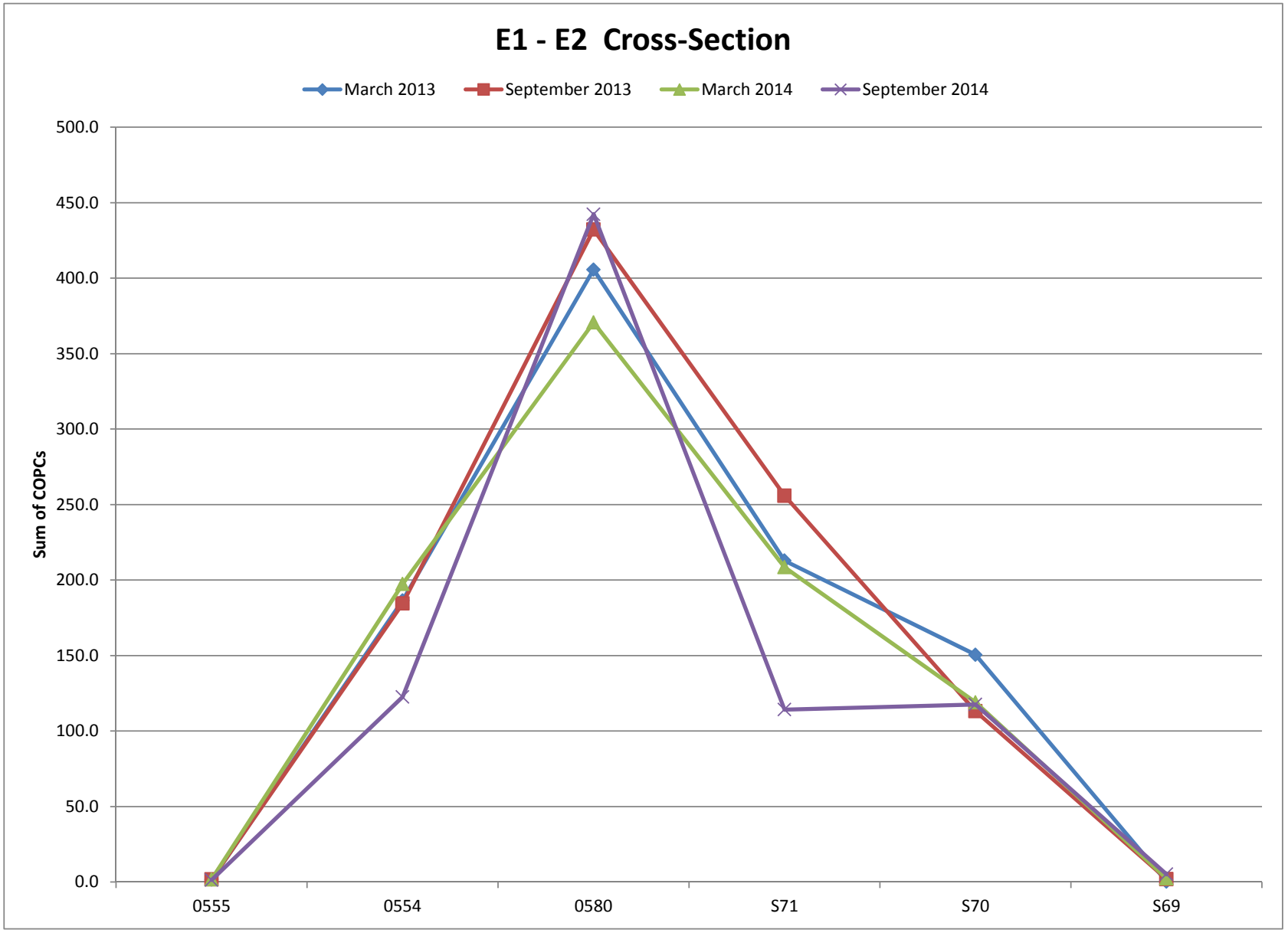


Figure 16. E1-E2 Cross Section

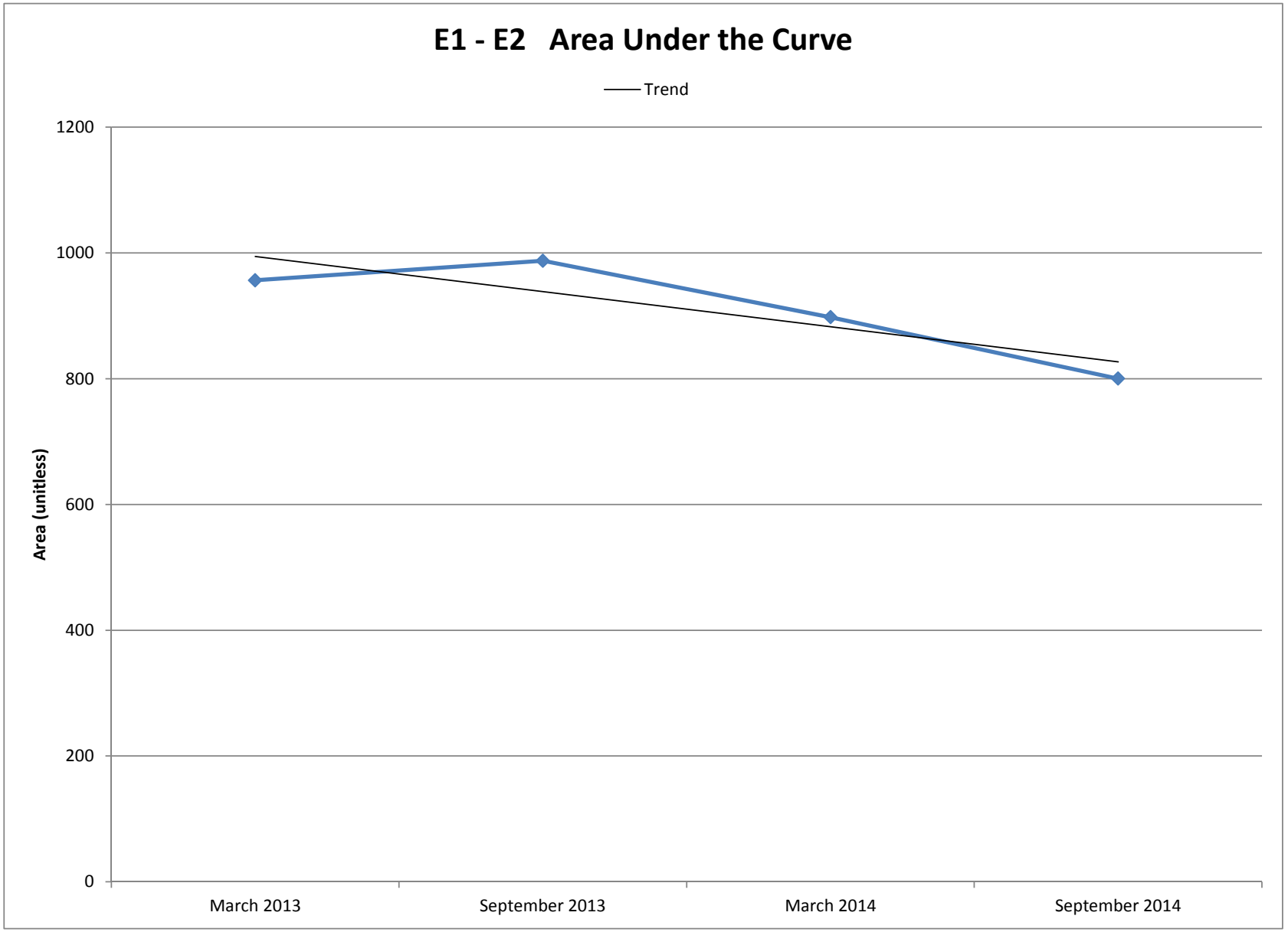


Figure 17. E1-E2 Area Under the Curve

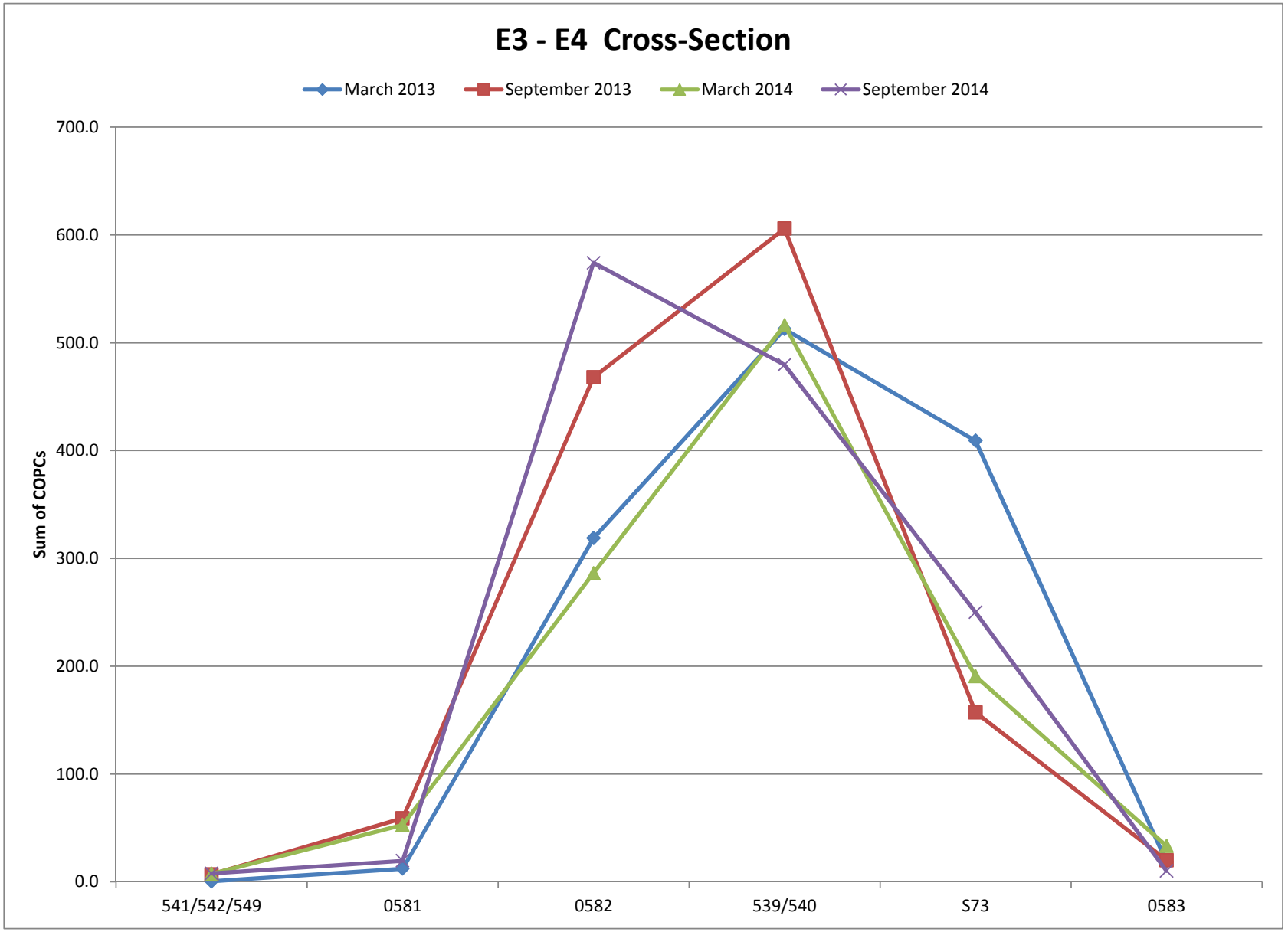


Figure 18. E3-E4 Cross Section

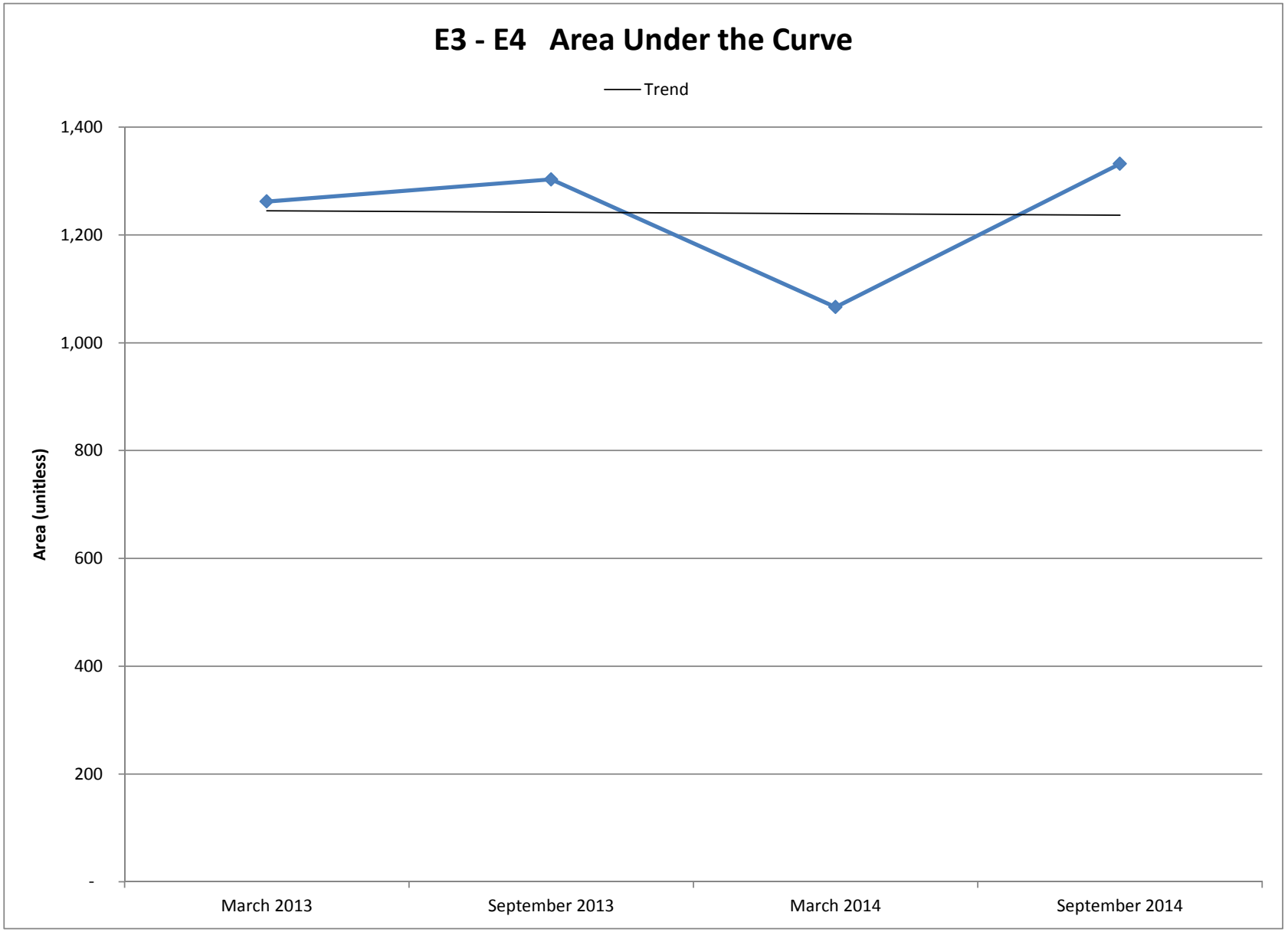


Figure 19. E3-E4 Area Under the Curve

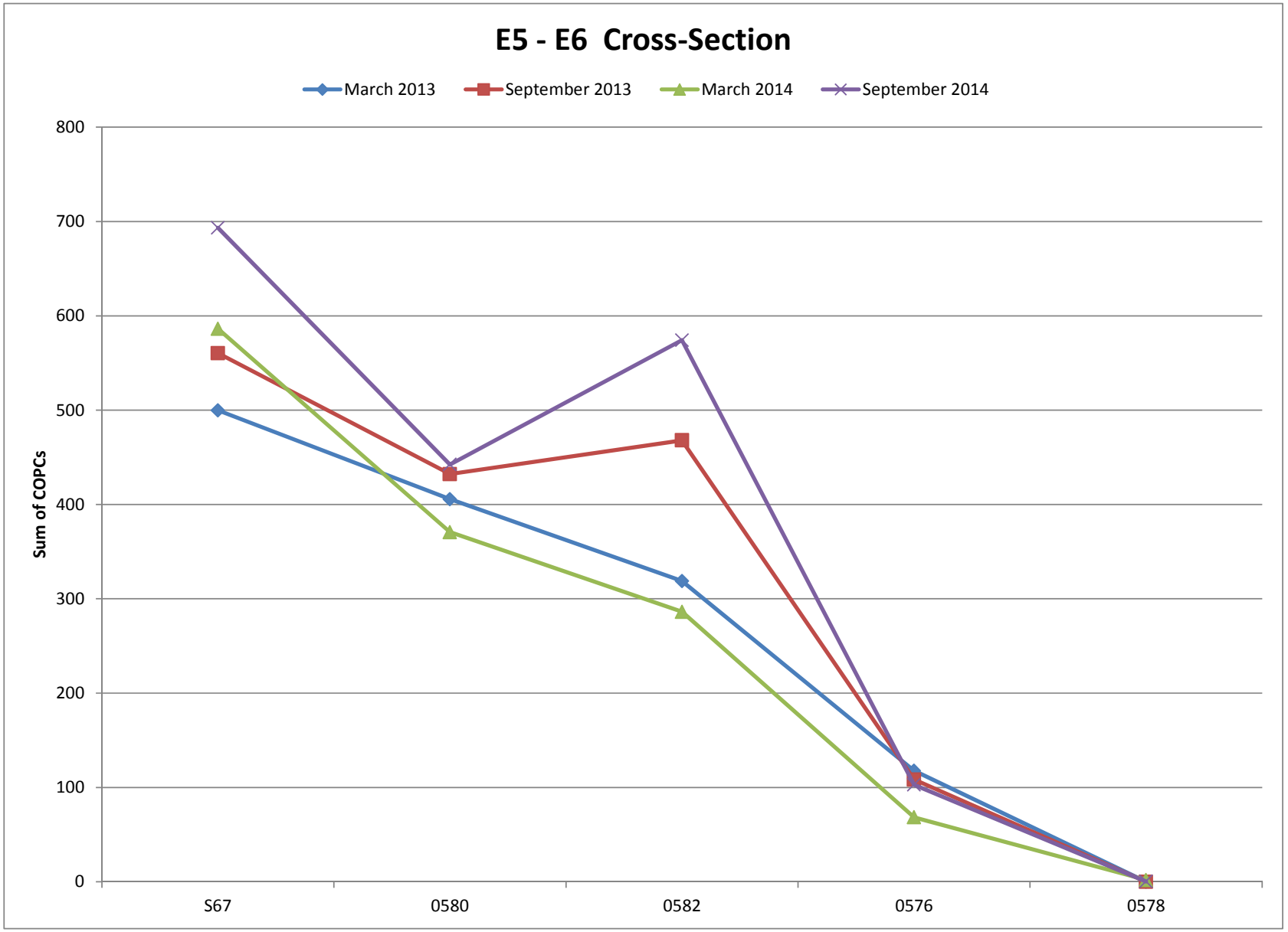


Figure 20. E5-E6 Cross Section

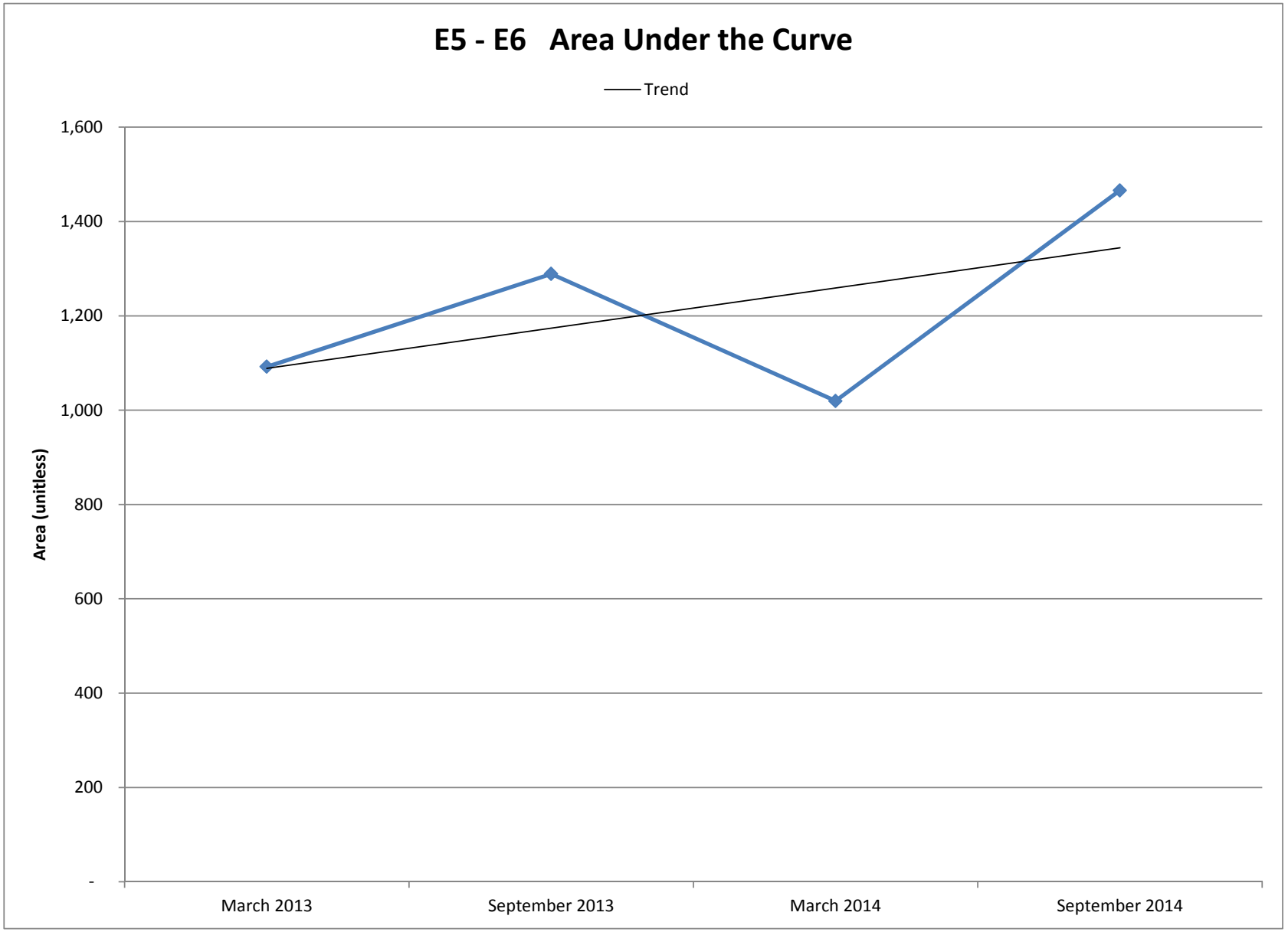


Figure 21. E5-E6 Area Under the Curve

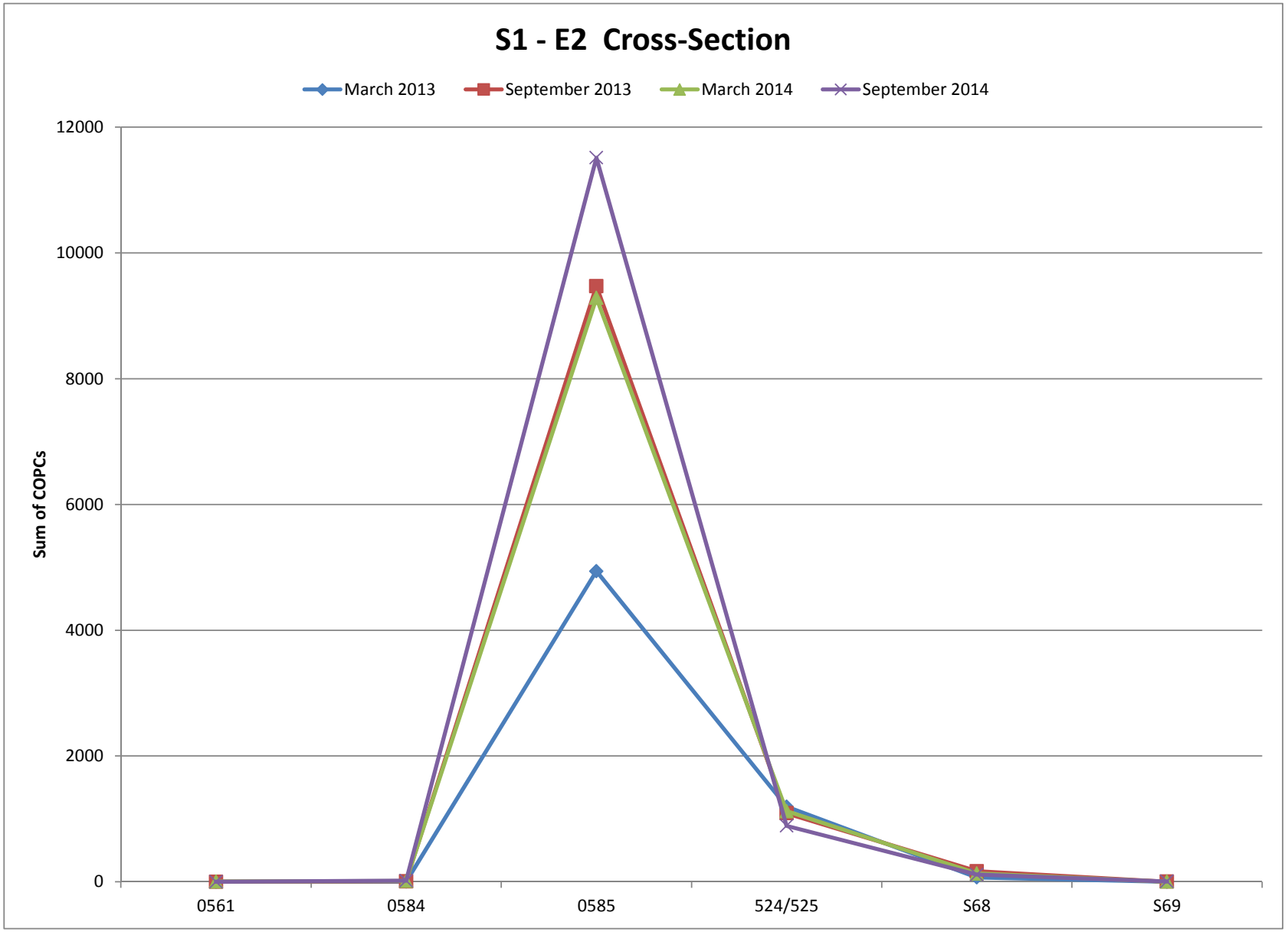


Figure 22. S1-E2 Cross Section

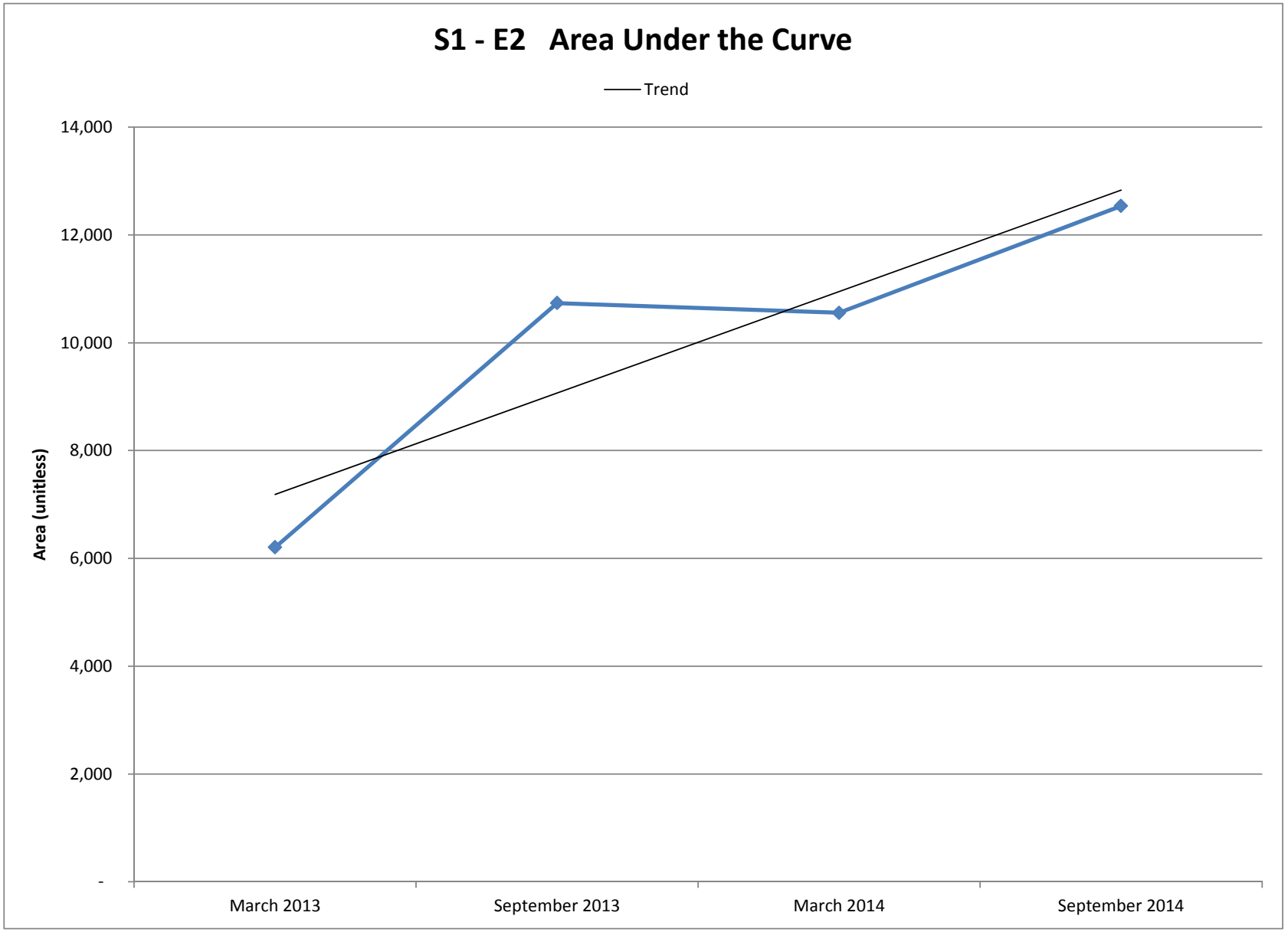


Figure 23. S1-E2 Area Under the Curve

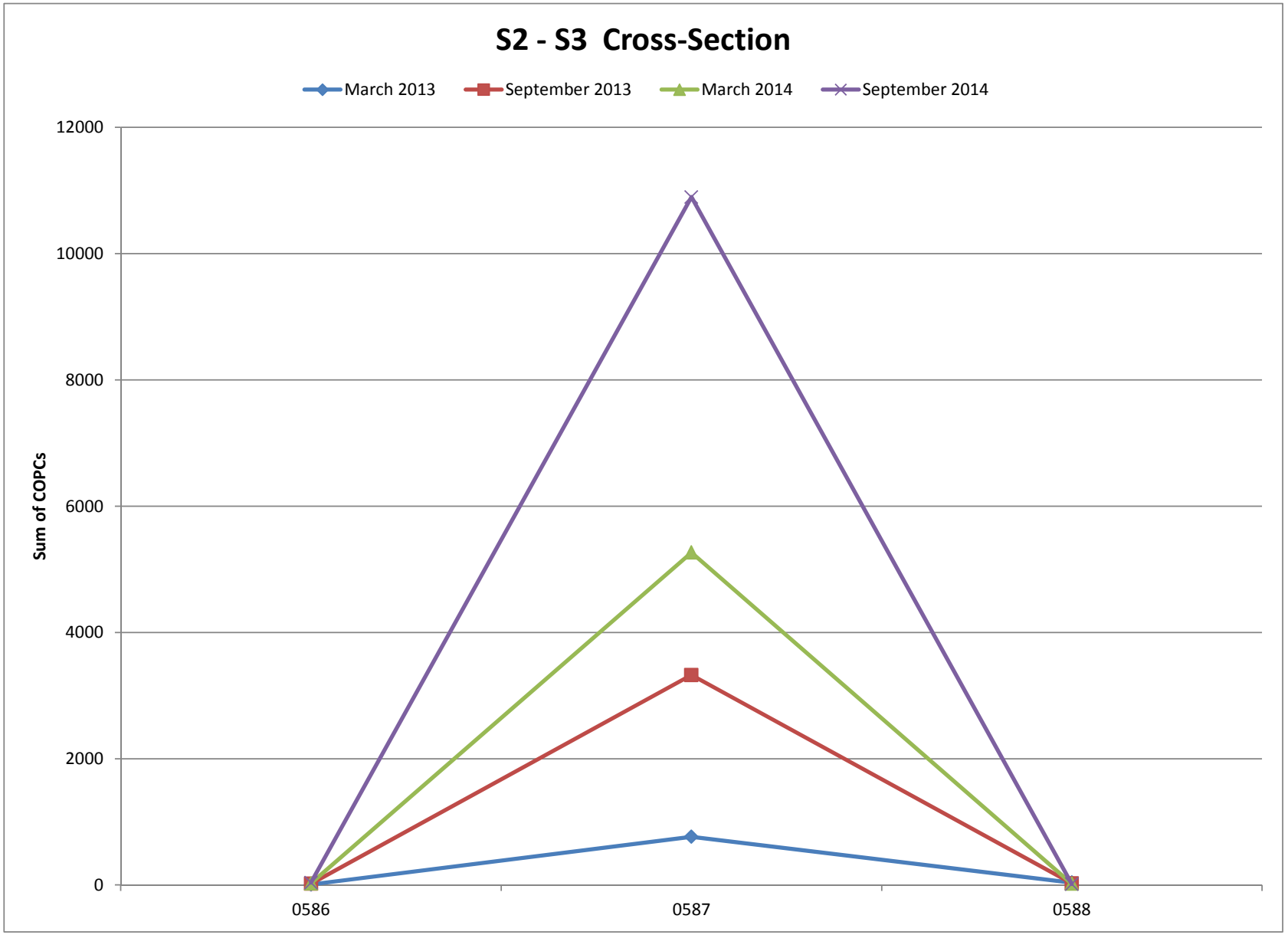


Figure 24. S2-S3 Cross Section

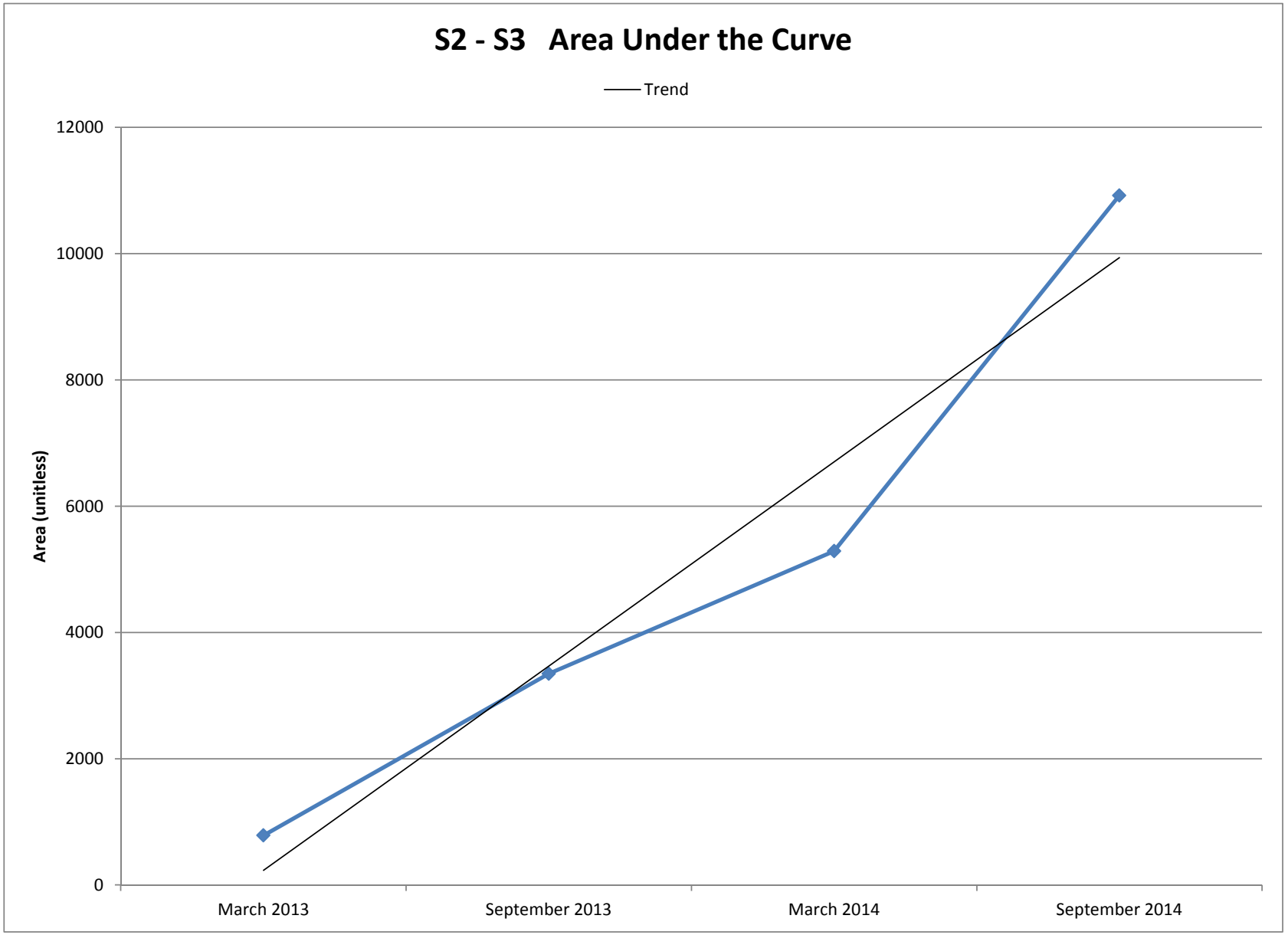


Figure 25. S2-S3 Area Under the Curve

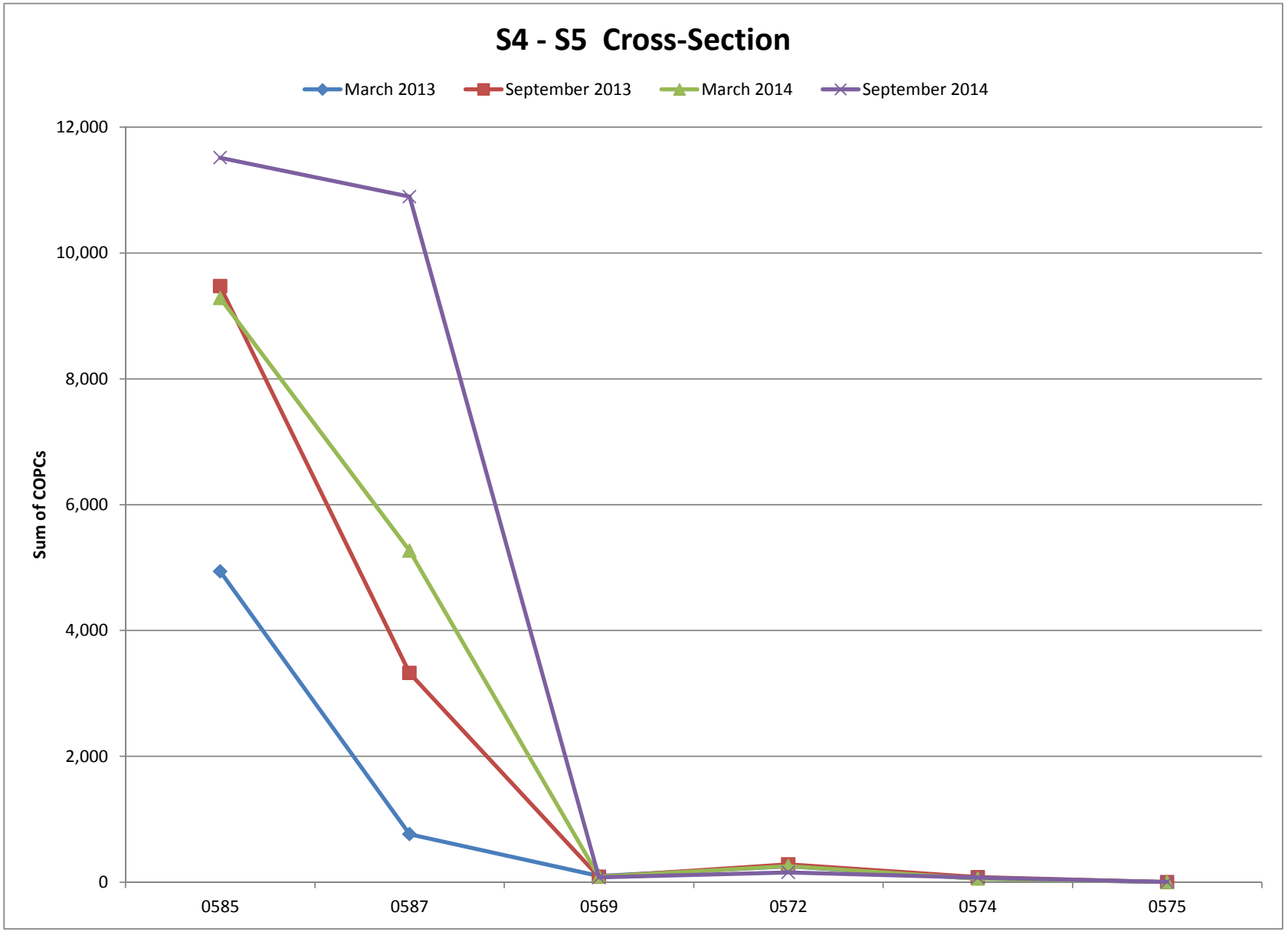


Figure 26. S4-S5 Cross Section

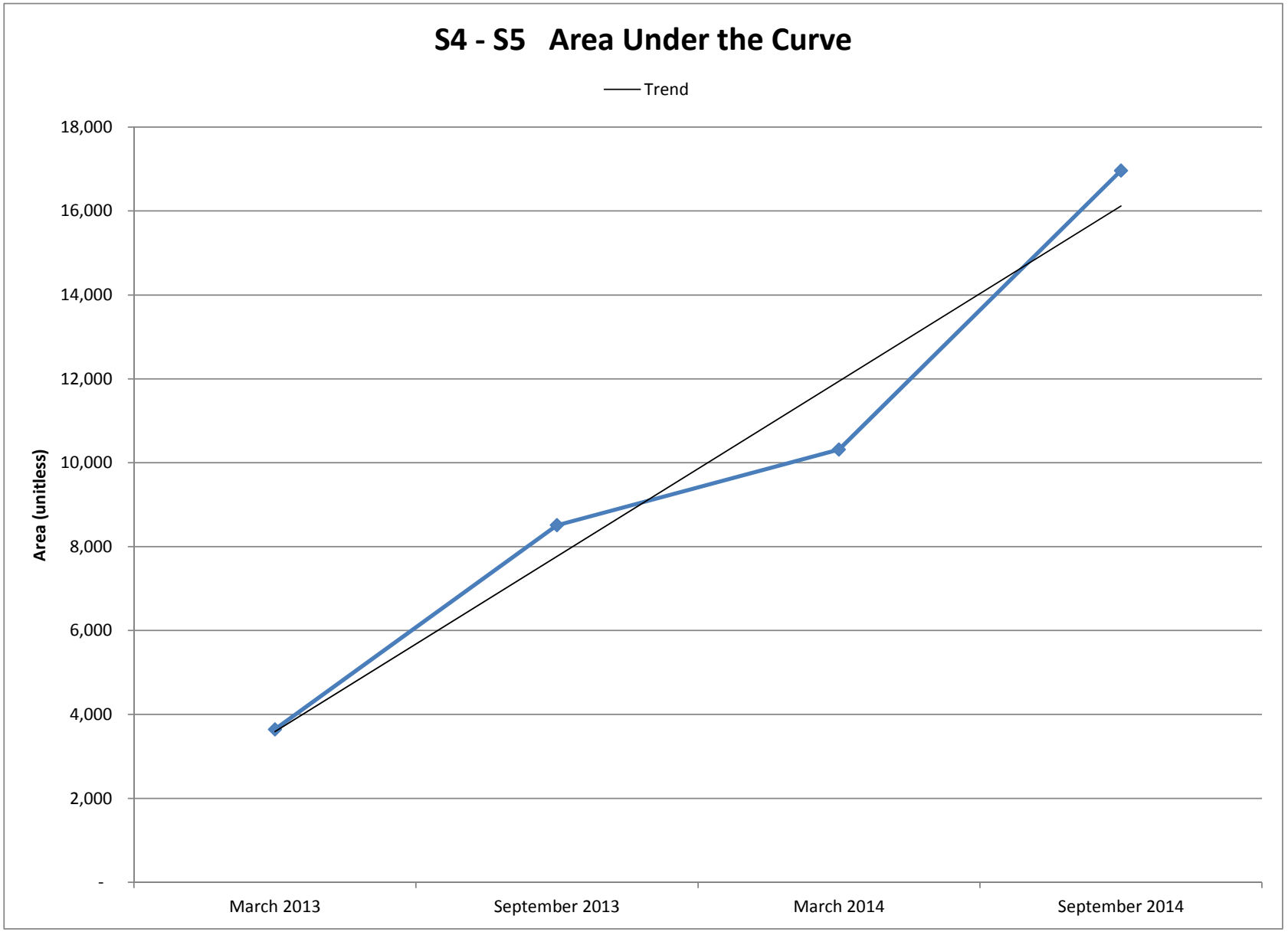


Figure 27. S4-S5 Area Under the Curve

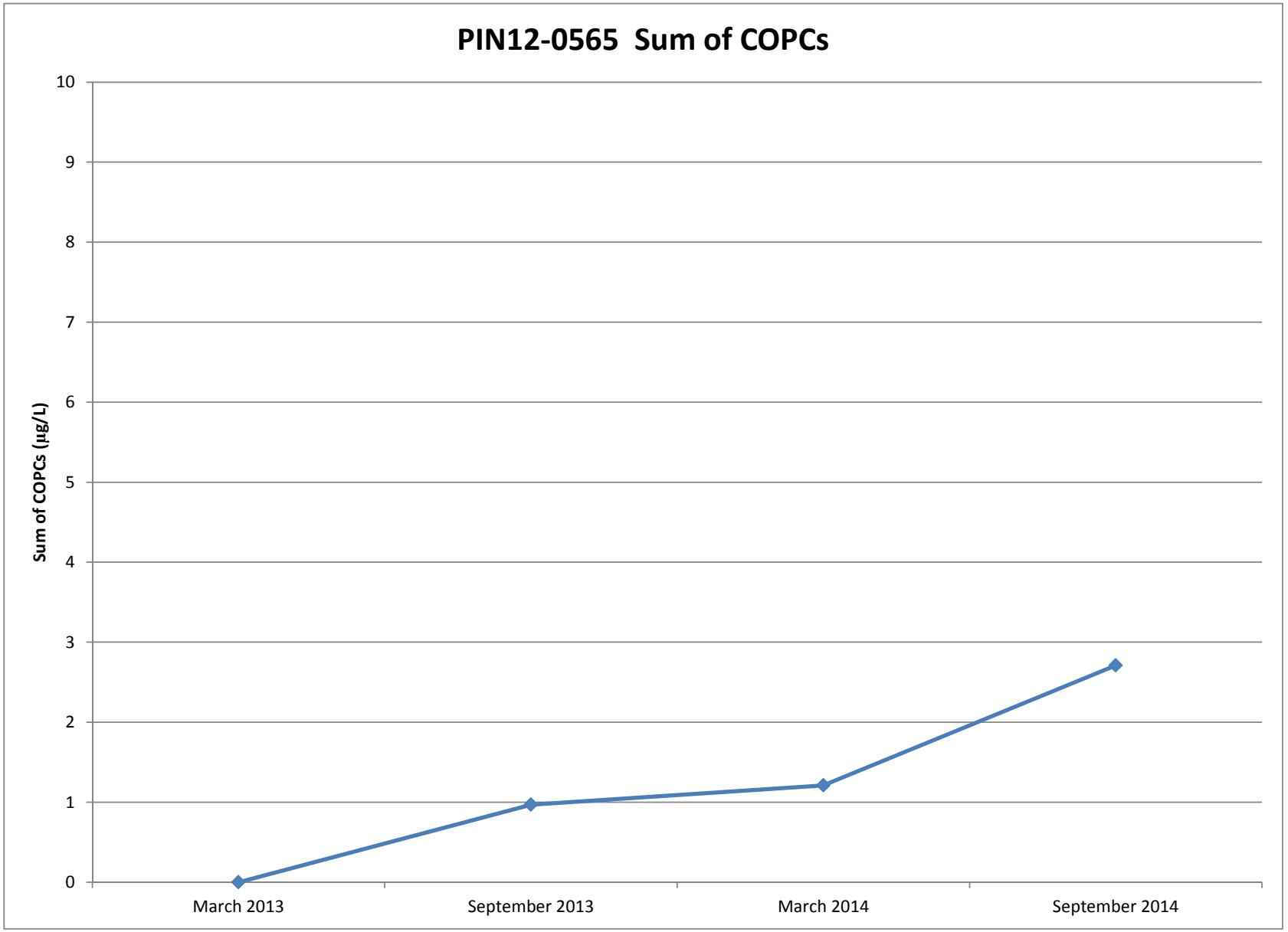


Figure 28. Sum of COPCs for Monitoring Well PIN12-0565

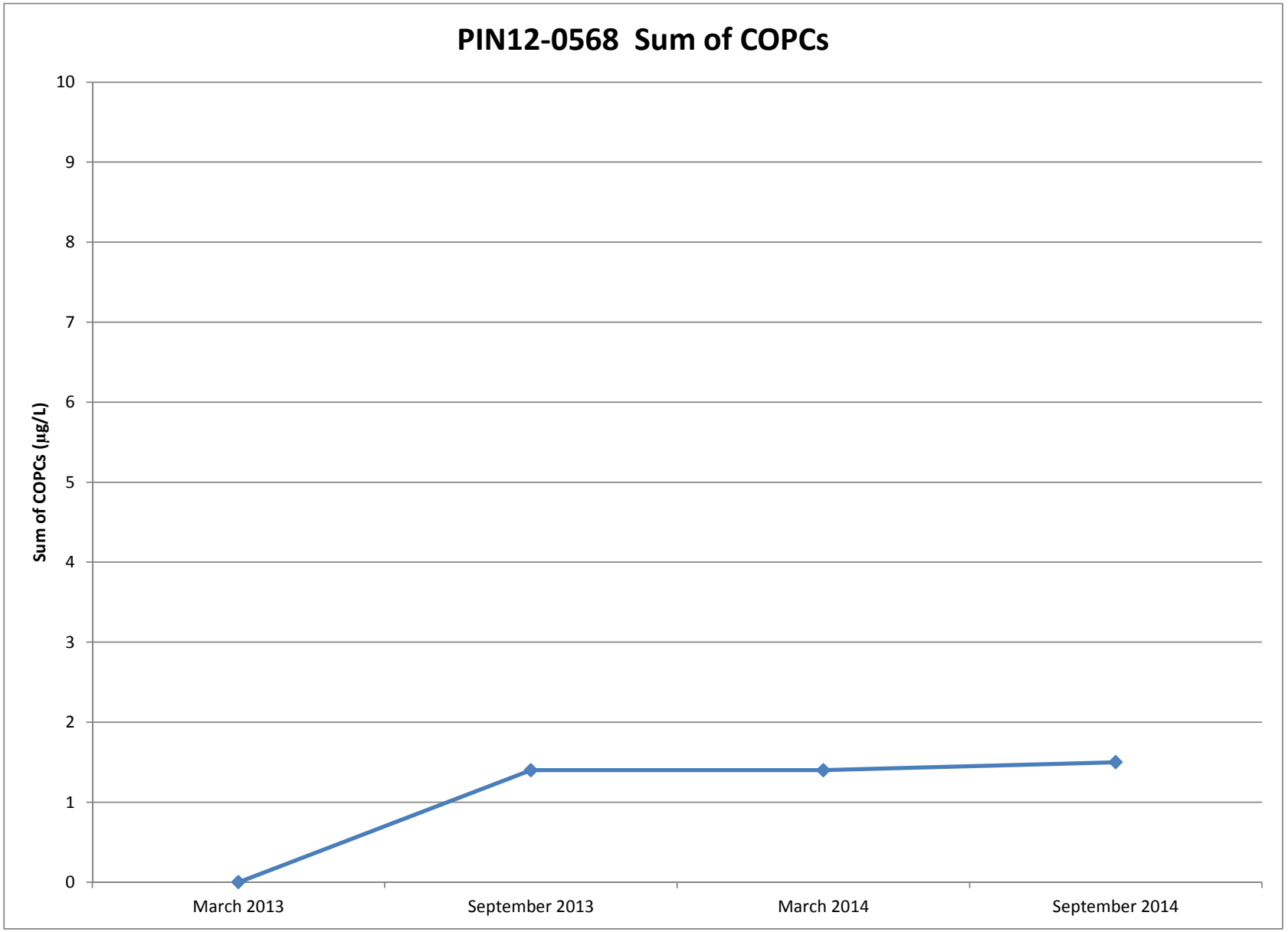


Figure 29. Sum of COPCs for Monitoring Well PIN12-0568

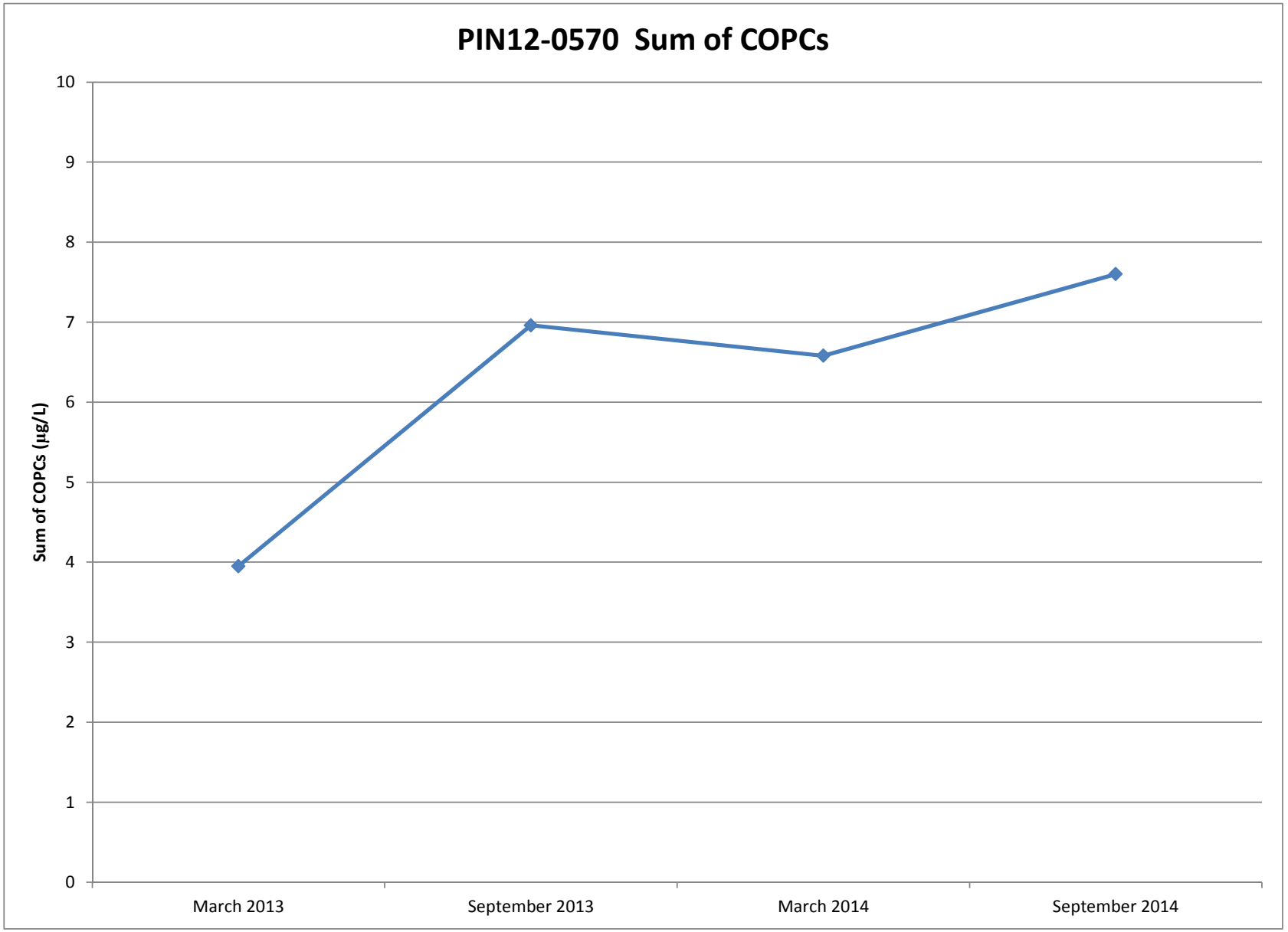


Figure 30. Sum of COPCs for Monitoring Well PIN12-0570

Table 1. Groundwater-Level Data at the STAR Center, September 2014

Location	Measurement		Water Depth (ft bls)	Groundwater Elevation (ft amsl)
	Date	Time		
PIN02	**Sitewide Piezometers**			
PZ03	9/10/2014	11:18	4.37	15.33
PZ04	9/10/2014	11:09	2.51	15.69
PZ05	9/10/2014	10:46	1.94	16.16
PZ08	9/10/2014	14:25	3.65	14.75
PZ09	9/10/2014	14:47	3.23	14.77
PZ10	9/10/2014	10:38	4.57	14.31
PZ11	9/10/2014	10:42	4.53	14.35
Building 100 Area				
PIN06				
0500	9/10/2014	10:40	2.48	15.52
PIN12				
0509	9/10/2014	11:07	3.10	14.94
0520	9/10/2014	10:51	2.54	15.47
0521	9/10/2014	10:55	2.48	15.57
0524	9/10/2014	14:41	3.31	14.10
0525	9/10/2014	14:38	3.45	13.97
0527	9/10/2014	10:59	11.12	6.95
0528	9/10/2014	14:59	11.04	6.56
0539	9/10/2014	11:31	3.33	13.27
0540	9/10/2014	11:33	2.90	13.20
0541	9/10/2014	11:09	4.49	13.17
0542	9/10/2014	11:11	4.43	13.27
0549	9/10/2014	11:12	4.46	13.20
0550-1	9/10/2014	10:08	2.41	12.29
0550-2	9/10/2014	10:12	2.34	12.36
0550-3	9/10/2014	10:13	2.21	12.49
0551-1	9/10/2014	10:04	3.22	12.18
0551-2	9/10/2014	10:07	2.92	12.48
0551-3	9/10/2014	10:08	3.45	11.95
0554A	9/10/2014	11:04	4.32	13.92
0554B	9/10/2014	11:07	4.41	13.83
0554C	9/10/2014	11:08	4.38	13.86
0555A	9/10/2014	11:03	3.47	14.42
0555B	9/10/2014	11:02	3.89	14.00
0555C	9/10/2014	10:36	3.90	13.99
0561-1	9/10/2014	14:18	3.98	14.24
0561-2	9/10/2014	14:25	4.05	14.17
0561-3	9/10/2014	14:26	4.03	14.19

Table 1 (continued). Groundwater-Level Data at the STAR Center, September 2014

Location	Measurement		Water Depth (ft bls)	Groundwater Elevation (ft amsl)
	Date	Time		
0562-1	9/10/2014	14:12	4.93	13.33
0562-2	9/10/2014	14:18	4.82	13.44
0562-3	9/10/2014	14:18	4.87	13.39
0564-1	9/10/2014	09:15	3.19	12.31
0564-2	9/10/2014	09:19	3.25	12.25
0564-3	9/10/2014	09:20	3.27	12.23
0565-1	9/10/2014	09:09	3.96	11.74
0565-2	9/10/2014	09:14	3.95	11.75
0565-3	9/10/2014	09:15	3.91	11.79
0566-1	9/10/2014	08:50	3.59	12.01
0566-2	9/10/2014	08:55	3.51	12.09
0566-3	9/10/2014	08:55	3.52	12.08
0567-1	9/10/2014	07:42	4.72	13.54
0567-2	9/10/2014	08:23	4.81	13.45
0567-3	9/10/2014	08:24	4.91	13.35
0568-1	9/10/2014	08:24	4.99	13.27
0568-2	9/10/2014	08:30	5.06	13.20
0568-3	9/10/2014	08:30	5.05	13.21
0569-1	9/10/2014	08:31	5.25	12.86
0569-2	9/10/2014	08:35	5.24	12.87
0569-3	9/10/2014	08:35	5.23	12.88
0570-1	9/10/2014	08:36	5.51	12.29
0570-2	9/10/2014	08:44	5.54	12.26
0570-3	9/10/2014	08:45	5.51	12.29
0571-1	9/10/2014	08:45	5.71	12.49
0571-2	9/10/2014	08:49	5.74	12.46
0571-3	9/10/2014	08:50	5.68	12.52
0572-1	9/10/2014	09:20	3.38	12.22
0572-2	9/10/2014	09:41	3.39	12.21
0573-1	9/10/2014	08:56	3.23	11.77
0573-2	9/10/2014	09:01	3.20	11.80
0573-3	9/10/2014	09:02	3.20	11.80
0574-1	9/10/2014	09:05	5.14	11.16
0574-2	9/10/2014	09:08	5.07	11.23
0574-3	9/10/2014	09:09	5.08	11.22
0575-1	9/10/2014	09:03	4.51	10.79
0575-2	9/10/2014	09:05	4.48	10.82
0576-1	9/10/2014	10:00	4.83	12.67
0576-2	9/10/2014	10:03	4.77	12.73
0576-3	9/10/2014	10:03	4.77	12.73

Table 1 (continued). Groundwater-Level Data at the STAR Center, September 2014

Location	Measurement		Water Depth (ft bls)	Groundwater Elevation (ft amsl)
	Date	Time		
0577-1	9/10/2014	10:13	5.51	12.39
0577-2	9/10/2014	10:20	5.42	12.48
0577-3	9/10/2014	10:20	5.42	12.48
0578-1	9/10/2014	10:23	5.28	12.52
0578-2	9/10/2014	10:27	5.23	12.57
0578-3	9/10/2014	10:27	5.20	12.60
0579-1	9/10/2014	09:56	4.72	12.68
0579-2	9/10/2014	09:59	4.72	12.68
0579-3	9/10/2014	09:59	4.72	12.68
0580-1	9/10/2014	11:37	4.62	13.88
0580-2	9/10/2014	13:38	4.74	13.76
0580-3	9/10/2014	13:38	4.77	13.73
0581-1	9/10/2014	11:12	4.11	13.25
0581-2	9/10/2014	11:15	4.14	13.22
0581-3	9/10/2014	11:15	4.15	13.21
0582-1	9/10/2014	11:16	3.47	13.26
0582-2	9/10/2014	11:19	3.50	13.23
0582-3	9/10/2014	11:20	3.52	13.21
0583-1	9/10/2014	11:28	3.25	13.26
0583-2	9/10/2014	11:30	3.30	13.21
0583-3	9/10/2014	11:30	3.31	13.20
0584-1	9/10/2014	14:26	3.51	14.09
0584-2	9/10/2014	14:30	3.59	14.01
0584-3	9/10/2014	14:31	3.59	14.01
0585-1	9/10/2014	14:31	3.43	14.06
0585-2	9/10/2014	14:37	3.52	13.97
0585-3	9/10/2014	14:37	3.55	13.94
0586-1	9/10/2014	14:03	3.91	13.49
0586-2	9/10/2014	14:04	3.88	13.52
0586-3	9/10/2014	14:05	3.90	13.50
0587-1	9/10/2014	13:50	4.03	13.47
0587-2	9/10/2014	14:02	4.01	13.49
0587-3	9/10/2014	14:03	4.01	13.49
0588-1	9/10/2014	14:06	4.00	13.40
0588-2	9/10/2014	14:07	3.01	14.39
0588-3	9/10/2014	14:07	4.02	13.38
PZ01	9/10/2014	10:20	5.29	12.21
PZ02	9/10/2014	10:32	6.39	12.51
PZ03	9/10/2014	10:28	3.15	13.75

Table 1 (continued). Groundwater-Level Data at the STAR Center, September 2014

Location	Measurement		Water Depth (ft bls)	Groundwater Elevation (ft amsl)
	Date	Time		
RW01	9/10/2014	11:04	2.92	15.33
RW02	9/10/2014	10:59	2.82	15.51
S29C	9/10/2014	09:12	5.51	13.00
S30B	9/10/2014	09:32	3.47	15.04
S31B	9/10/2014	10:16	3.35	15.16
S32B	9/10/2014	09:51	3.32	15.19
S33C	9/10/2014	09:42	3.25	15.26
S35B	9/10/2014	10:01	3.93	14.58
S36B	9/10/2014	09:06	4.07	14.44
S67B	9/10/2014	11:14	4.06	14.41
S67C	9/10/2014	11:39	4.09	14.38
S67D	9/10/2014	11:43	4.23	14.25
S68B	9/10/2014	14:47	3.87	14.03
S68C	9/10/2014	14:45	4.00	13.90
S68D	9/10/2014	14:42	4.04	13.86
S69B	9/10/2014	13:49	2.51	13.49
S69C	9/10/2014	13:49	2.52	13.48
S69D	9/10/2014	13:47	2.47	13.53
S70B	9/10/2014	13:46	2.73	13.97
S70C	9/10/2014	13:45	2.85	13.85
S70D	9/10/2014	13:44	3.04	13.66
S71B	9/10/2014	13:41	4.57	13.83
S71C	9/10/2014	13:41	4.57	13.83
S71D	9/10/2014	13:39	4.57	13.83
S73B	9/10/2014	11:24	3.59	13.41
S73C	9/10/2014	11:22	3.72	13.28
S73D	9/10/2014	11:20	3.84	13.16
PIN21				
0502	9/10/2014	11:34	2.27	12.93
0503	9/10/2014	11:37	2.33	12.87
0504	9/10/2014	14:07	4.05	13.55
0505	9/10/2014	14:12	3.67	13.73
PIN15	**Northeast Site**			
0506	9/10/2014	14:14	2.70	14.30
0507	9/10/2014	14:22	3.12	13.88
0513	9/10/2014	14:00	11.01	6.59
0520	9/10/2014	14:10	2.74	14.36
0530	9/10/2014	13:59	2.47	14.93
0534	9/10/2014	14:04	2.72	14.38
0535	9/10/2014	13:53	2.61	14.99
0537	9/10/2014	11:46	2.96	15.64

Table 1 (continued). Groundwater-Level Data at the STAR Center, September 2014

Location	Measurement		Water Depth (ft bls)	Groundwater Elevation (ft amsl)
	Date	Time		
0568	9/10/2014	11:26	3.58	14.92
0569	9/10/2014	11:41	3.53	14.85
0573	9/10/2014	13:39	3.30	15.08
0574	9/10/2014	13:45	3.14	15.28
0594	9/10/2014	14:24	3.30	15.20
0595	9/10/2014	13:19	3.19	15.41
M16D	9/10/2014	13:37	2.57	15.63
M16S	9/10/2014	13:28	2.51	15.69
M24D	9/10/2014	13:46	2.37	15.43
M33D	9/10/2014	13:50	0.77	16.83
PIN18	**WWNA**			
0503	9/10/2014	14:41	2.69	14.99
0526	9/10/2014	07:24	3.89	14.71

Abbreviations:
ft amsl = feet above mean sea level
ft bls = feet below land surface

Table 2. Surface Water Elevations, September 2014

Location	Measurement		Surface Water Elevation (ft amsl)
	Date	Time	
PIN01	**Pond 5**		
P501	9/10/2014	11:45	13.99
P502	9/10/2014	13:46	14.21
PIN02	**West Pond**		
W005	9/10/2014	13:51	14.47
PIN12	**Belcher Road Pond**		
BR01	9/10/2014	14:18	13.36
PIN15	**East Pond**		
E001	9/10/2014	14:13	14.10
PIN23	**Southwest Pond**		
SW01	9/10/2014	14:05	13.96
PIN37	**South Pond**		
S001	9/10/2014	14:00	13.97
S002	9/10/2014	14:07	14.01

Abbreviations:
ft amsl = feet above mean sea level

Table 3. Field Measurements of Samples Collected at the STAR Center, September 2014

Location	Screen Depth (ft bls)	Temperature (°C)	Specific Conductance (µmhos/cm)[a]	Turbidity (NTU)	pH	Oxidation Reduction Potential (mV)	Dissolved Oxygen (mg/L)
PIN12							
0524	27–37	30.8	1,359	3	6.61	-49	0.6
0525	12–22	30.5	716	6	6.78	-67	0.6
0539	9.5–19.5	33.3	940	13	6.61	-72	0.7
0540	20–30	33.4	1,350	9	6.57	-61	0.7
0541	10–20	30.1	885	3	6.38	-30	0.9
0542	20–30	30.6	799	4	6.53	-46	0.8
0549	30–40	31.9	1,267	11	6.65	-65	0.8
0551-1	9–18	30.0	945	13	6.62	-49	1.0
0551-2	20–29	28.9	1,109	10	6.65	-56	1.3
0554A	3–13	30.8	604	0	6.56	-3	0.7
0554B	13–23	30.1	676	30	6.65	-50	0.7
0554C	23–33	27.1	869	23	6.70	-62	1.1
0555A	2.5–12.5	29.2	403	1	6.56	-62	1.0
0555B	13–23	28.5	394	3	6.95	-47	0.9
0555C	23–33	28.3	516	11	6.78	-64	0.7
0561-1	9–18	29.3	517	1	7.01	-74	1.2
0561-2	20–29	29.0	656	1	6.87	-59	1.6
0561-3	31–40	30.3	1,289	1	6.75	-59	1.5
0565-1	9–18	32.3	1,212	8	6.64	-49	0.7
0565-2	20–29	33.0	1,183	3	6.64	-60	0.5
0565-3	31–40	33.9	1,442	1	6.62	-57	0.4
0568-1	9–18	30.5	1,664	2	6.72	-53	1.3
0568-2	20–29	29.5	1,363	4	6.67	-57	1.2
0568-3	31–40	29.4	1,670	–	6.70	-59	1.1
0569-1	9–18	31.6	1,927	–	6.64	-53	1.2
0569-2	20–29	30.2	1,046	7	6.72	-56	0.9
0569-3	31–40	29.7	1,239	4	6.73	-34	1.1
0570-1	9–18	27.4	1,841	8	6.64	-57	1.3
0570-2	20–29	26.5	1,461	3	6.88	-46	1.6
0570-3	31–40	26.7	1,364	3	6.72	-84	1.2
0572-1	9–18	27.6	1,532	7	6.66	-62	1.3
0572-2	20–29	28.0	1,008	3	6.70	-46	1.3
0573-1	9–18	34.9	1,425	5	6.60	-80	0.5
0573-2	20–29	33.4	1,230	2	6.61	-79	0.4
0573-3	31–40	32.6	1,517	1	6.66	-42	1.6
0574-1	9–18	31.1	1,223	2	6.77	-53	–
0574-2	20–29	30.4	1,267	1	6.75	-41	–
0574-3	31–40	31.0	1,611	1	6.75	-22	22.3

Table 3 (continued). Field Measurements of Samples Collected at the STAR Center, September 2014

Location	Screen Depth (ft bls)	Temperature (°C)	Specific Conductance (µmhos/cm)[a]	Turbidity (NTU)	pH	Oxidation Reduction Potential (mV)	Dissolved Oxygen (mg/L)
0575-1	9–18	30.5	1,287	2	6.76	-55	–
0575-2	20–29	29.9	1,440	4	6.73	-45	–
0576-1	4–13	27.5	953	3	6.64	-48	1.3
0576-2	15–24	27.0	879	–	6.67	-120	1.1
0576-3	26–35	27.0	1,548	2	6.70	-43	1.2
0577-1	4–13	31.4	1,028	270	6.51	-29	1.4
0577-2	15–24	30.2	947	4	6.48	-39	1.3
0577-3	26–35	29.4	1,267	2	6.65	-53	1.0
0578-1	4–13	30.7	530	9	6.29	-45	1.3
0578-2	15–24	30.5	1,038	2	6.34	-39	1.3
0578-3	26–35	31.2	1,182	4	6.63	-20	1.2
0579-1	4–13	27.0	1,980	5	5.98	-77	1.3
0579-2	15–24	26.7	977	1	6.54	-31	1.2
0579-3	26–35	26.8	1,378	4	6.69	-49	1.4
0580-1	9–18	33.2	625	1	6.75	-64	0.7
0580-2	20–29	32.1	1,137	1	6.67	-76	0.7
0580-3	31–40	30.8	1,503	1	6.64	-59	0.7
0581-1	9–18	34.1	979	1	6.51	-55	0.7
0581-2	20–29	34.3	1,283	2	6.58	-80	0.8
0581-3	31–40	37.4	1,467	2	6.68	-5	0.7
0582-1	9–18	36.4	1,653	4	6.54	-56	0.8
0582-2	20–29	34.4	1,293	4	6.59	-65	1.2
0582-3	31–40	34.2	1,501	2	6.57	-47	0.8
0583-1	9–18	31.6	712	3	6.64	-72	0.9
0583-2	20–29	31.2	1,556	1	6.49	-65	0.8
0583-3	31–40	31.8	1,636	1	6.57	-50	0.8
0584-1	9–18	33.0	636	5	6.96	-65	1.8
0584-2	20–29	33.0	1,034	2	6.75	-65	1.2
0584-3	31–40	34.2	1,495	2	6.71	-53	1.5
0585-1	9–18	35.7	744	1	6.80	-92	0.6
0585-2	20–29	36.4	1,060	1	6.72	-87	0.6
0585-3	31–40	34.9	1,492	2	6.72	-44	1.3
0586-1	8–17	29.5	593	3	6.93	-33	0.7
0586-2	19–28	29.6	681	1	6.75	-85	0.5
0586-3	30–39	31.6	1,457	1	6.79	-102	0.7
0587-1	9–18	31.4	714	6	7.01	-62	1.0
0587-2	20–29	30.4	1,104	8	6.72	-61	1.2
0587-3	31–40	30.1	1,231	7	6.77	-58	1.1
0588-1	9–18	29.0	773	11	6.92	-134	0.7
0588-2	20–29	28.7	818	5	6.75	-68	1.1

Table 3 (continued). Field Measurements of Samples Collected at the STAR Center, September 2014

Location	Screen Depth (ft bls)	Temperature (°C)	Specific Conductance (µmhos/cm)[a]	Turbidity (NTU)	pH	Oxidation Reduction Potential (mV)	Dissolved Oxygen (mg/L)
0588-3	31–40	29.1	952	3	6.88	-107	0.6
S30B	5–15	22.5	777	10	6.79	3	1.5
S33C	11–21	24.1	619	34	6.80	-4	1.8
S35B	5–15	23.1	1,599	20	6.50	15	1.6
S67B	10–19.83	23.6	1,003	2	6.74	-38	1.4
S67C	20–29.83	23.3	899	10	6.76	-45	1.7
S67D	30–39.83	23.2	896	18	6.78	-48	1.4
S68B	10–20	28.1	797	7	6.74	-70	1.0
S68C	18–28	27.1	1,074	10	6.63	-30	0.8
S68D	30–40	27.5	1,384	6	6.60	-31	0.8
S69B	10–20	31.7	670	14	6.81	-78	1.0
S69C	20–30	31.0	758	7	6.69	-61	0.7
S69D	30–40	31.4	1,640	9	6.65	-26	0.8
S70B	10–20	28.5	829	26	6.77	-48	0.7
S70C	20–30	29.3	1,296	9	6.60	-50	0.7
S70D	30–40	32.4	1,491	14	6.63	-45	0.6
S71B	10–20	27.9	705	7	6.68	-75	0.9
S71C	20–30	27.1	991	35	6.61	-39	1.0
S71D	30–40	27.2	1,530	15	6.62	-46	1.2
S73B	10–20	31.4	709	9	6.67	-64	0.6
S73C	20–30	31.5	1,598	6	6.57	-78	0.7
S73D	30–40	32.0	1,728	185	6.30	-48	0.9

Notes:
[a] Temperature corrected to 25 °C

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

Table 4. Relative Percent Difference (RPD) for Duplicate Samples, September 2014 (Reported in µg/L)

Sample ID	Duplicate ID	Analyte	Result	Duplicate Result	MDL	RPD
PIN12-0578-2	PIN12-2450	1,4-Dioxane	0.35	0.22	0.22	Range < 5X PQL
		Acetone	2.5	3.0	1.9	Range < 5X PQL
		Methylene Chloride	0.42	0.43	0.32	Range < 5X PQL
PIN12-0581-2	PIN12-2451	1,1-Dichloroethane	3.6	3.3	0.22	9
		1,4-Dioxane	9.5	9.1	0.22	4
		cis-1,2-Dichloroethene	1.7	1.6	0.15	6
		Vinyl Chloride	3.4	3.4	0.10	0
PIN12-0582-2	PIN12-2452	1,1-Dichloroethane	36	43	0.22	18
		1,1-Dichloroethene	0.35	0.46	0.23	Range < 5X PQL
		1,4-Dioxane	290	380	8.8	27
		cis-1,2-Dichloroethene	21	25	0.15	17
		Methylene Chloride	0.32	0.90	0.32	Range < 5X PQL
		trans-1,2-Dichloroethene	5.3	6.6	0.15	22
		Trichloroethene	0.16	0.23	0.16	Range < 5X PQL
		Vinyl Chloride	250	210	1.0	17
PIN12-0585-2	PIN12-2453	1,1-Dichloroethene	540	480	4.6	12
		1,4-Dioxane	4.6	5.5	0.22	18
		cis-1,2-Dichloroethene	6,300	7,000	30	11
		Methylene Chloride	5.9	13	6.4	Range < 5X PQL
		Toluene	2.0	3.4	3.4	Range < 5X PQL
		trans-1,2-Dichloroethene	59	57	3.0	3
		Trichloroethene	1,700	2,000	32	16
		Vinyl Chloride	900	810	2.0	11
PIN12-0587-2	PIN12-2454	1,1-Dichloroethene	400	490	4.6	20.2
		1,4-Dioxane	5.2	5.2	2.2	Range < 5X PQL
		cis-1,2-Dichloroethene	7,600	8,000	30	5
		trans-1,2-Dichloroethene	50	56	3.0	11
		Trichloroethene	360	460	3.2	24
		Vinyl Chloride	1,500	1,500	20	0

Abbreviations:
MDL = method detection limit
µg/L = micrograms per liter
PQL = practical quantitation limit

Table 5. 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**	
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	500	4.4	9.8	370	1.6	885.8
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	1.1	<0.15	<0.23	<0.1	3	4.1
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
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
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
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
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
0551-1	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
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

Table 5 (continued). COPC 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**	
0554A	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
0554B	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
0554C	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
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
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
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
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
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
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
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

Table 5 (continued). COPC 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**	
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
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
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
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
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
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
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
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
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
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

Table 5 (continued). COPC 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**	
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
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
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
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
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
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
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
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
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
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

Table 5 (continued). COPC 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**	
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
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
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
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
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
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
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
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
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
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

Table 5 (continued). COPC 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**	
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
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
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
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
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
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
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
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
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
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

Table 5 (continued). COPC 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**	
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	5.3	0.35J	250	290	566.65
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
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
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
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
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
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
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
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
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

Table 5 (continued). COPC 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**	
0585-3	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
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
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
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
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
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	360	7,600	50	400	1,500	5.2	9,915.2
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
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
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
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

Table 5 (continued). COPC 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**	
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
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	86	280	17	11	68	<0.22	462
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
S67B	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	12	3.3	0.24J	180	72	267.74
S67C	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	62	12	0.69J	210	120	405.33
S67D	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
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
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
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
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

Table 5 (continued). COPC 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**	
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
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
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	14	0.55J	<0.23	5.6	<0.22	20.15
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	12	3.6	<0.23	10	15	40.6
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	20	7.4	0.49J	14	15	56.89
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
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
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
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
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

Table 5 (continued). COPC 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**	
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

Notes:
[a] "<" values are method detection limits.
[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] Wells S30B, S33C, and S35B were sampled to track potential source depletion under the northwest corner of the building. These wells are not part of the plume stability monitoring program.

Abbreviations:
B = analyte present in associated method blank
ft bls = feet below land surface
H = missed holding time
J = estimated value
µg/L = micrograms per liter
ND = not detected

Table 6. September 2014 COPCs Concentrations Listed by Cross Section (µg/L)[a]

Well	TCE	cDCE	tDCE	1,1-DCE	VC	1,4-Dioxane	Sum of COPCs
E1 to E2 Cross Section							
0555A	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
0555B	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
0555C	<0.16	1	0.37J	<0.23	<0.1	<0.22	1.37
0554A	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
0554B	<0.16	0.35J	<0.15	<0.23	<0.1	1.8	2.15
0554C	<0.16	15	4.8	0.67J	51	49	120.47
0580-1	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
0580-2	<0.16	17	6.7	<0.23	170	150	343.7
0580-3	<0.16	16	3.4	0.23J	45	34	98.63
S71B	<0.16	<0.15	<0.15	<0.23	<0.1	1.2	1.2
S71C	<0.16	5.8	3.5	<0.23	12	13	34.3
S71D	<0.16	22	9.4	0.29J	29	18	78.69
S70B	<0.16	14	0.55J	<0.23	5.6	<0.22	20.15
S70C	<0.16	12	3.6	<0.23	10	15	40.6
S70D	<0.16	20	7.4	0.49J	14	15	56.89
S69B	<0.16	<0.15	<0.15	<0.23	<0.1	1.5	1.5
S69C	<0.16	0.56J	0.16J	<0.23	0.34J	1	2.06
S69D	<0.16	0.45J	<0.15	<0.23	0.44J	0.65J	1.54
E3 to E4 Cross Section							
0541	<0.16	<0.15	<0.15	<0.23	<0.1	0.67J	0.67
0542	<0.16	0.32J	<0.15	<0.23	<0.1	1.7	2.02
0549	<0.16	0.27J	<0.15	<0.23	<0.1	4.7	4.97
0581-1	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
0581-2	<0.16	1.7	<0.15	<0.23	3.4	9.5	14.6
0581-3	<0.16	0.63J	<0.15	<0.23	<0.1	4.2	4.83
0582-1	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
0582-2	<0.16	21	5.3	0.35J	250	290	566.65
0582-3	<0.16	0.89J	<0.15	<0.23	3.3	3.3	7.49
0539	<0.16	<0.15	0.16J	<0.23	<0.1	<0.22	0.16
0540	<0.16	18	11	0.41J	260	190	479.41
S73B	<0.16	<0.15	<0.15	<0.23	0.36J	<0.22	0.36
S73C	<0.16	11	14	<0.23	110	100	235
S73D	<0.16	<0.15	0.72J	<0.23	5.9	8	14.62
0583-1	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
0583-2	<0.16	0.29J	0.72J	<0.23	6	3	10.01
0583-3	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND

Table 6 (continued). September 2014 COPCs Concentrations Listed by Cross Section (µg/L)[a]

Well	TCE	cDCE	tDCE	1,1-DCE	VC	1,4-Dioxane	Sum of COPCs
E5 to E6 Cross Section							
S67B	0.2J	12	3.3	0.24J	180	72	267.74
S67C	0.64J	62	12	0.69J	210	120	405.33
S67D	0.27J	7.5	2.6	<0.23	7.7	2.1	20.17
0580-1	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
0580-2	<0.16	17	6.7	<0.23	170	150	343.7
0580-3	<0.16	16	3.4	0.23J	45	34	98.63
0582-1	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
0582-2	<0.16	21	5.3	0.35J	250	290	566.65
0582-3	<0.16	0.89J	<0.15	<0.23	3.3	3.3	7.49
0576-1	<0.16	6.4	0.25J	2	9.5	33	51.15
0576-2	<0.16	7.1	0.28J	1.6	9.2	32	50.18
0576-3	<0.16	0.54J	<0.15	<0.23	0.93J	<0.22	1.47
0578-1	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
0578-2	<0.16	<0.15	<0.15	<0.23	<0.1	0.35J	0.35
0578-3	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
S1 to E2 Cross Section							
0561-1	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
0561-2	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
0561-3	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
0584-1	<0.16	<0.15	<0.15	<0.23	<0.1	1.8	1.8
0584-2	<0.16	0.76J	<0.15	<0.23	5.2	0.89J	6.85
0584-3	<0.16	0.53J	<0.15	<0.23	7.8	<0.22	8.33
0585-1	<0.16	1.2	<0.15	<0.23	<0.1	3.8	5
0585-2	1,700	6,300	59	540	900	4.6	9,503.6
0585-3	29	540	12	22	1,400	2.3	2,005.3
0524	<0.32	500	4.4	9.8	370	1.6	885.8
0525	<0.16	1.1	<0.15	<0.23	<0.1	3	4.1
S68B	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
S68C	<0.16	18	0.37J	<0.23	6.6	5.8	30.77
S68D	<0.16	54	0.81J	<0.23	27	1.9	83.71
S69B	<0.16	<0.15	<0.15	<0.23	<0.1	1.5	1.5
S69C	<0.16	0.56J	0.16J	<0.23	0.34J	1	2.06
S69D	<0.16	0.45J	<0.15	<0.23	0.44J	0.65J	1.54
S2 to S3 Cross Section							
0586-1	<0.16	0.28J	<0.15	<0.23	<0.1	10	10.28
0586-2	<0.16	10	<0.15	0.52J	5	3.6	19.12
0586-3	<0.16	<0.15	<0.15	<0.23	5.2	0.47J	5.67
0587-1	<0.16	60	0.94J	2.2	86	0.7J	149.84
0587-2	360	7,600	50	400	1,500	5.2	9,915.2
0587-3	0.81J	260	3.9	13	550	3.2	830.91

Table 6 (continued). September 2014 COPCs Concentrations Listed by Cross Section (µg/L)[a]

Well	TCE	cDCE	tDCE	1,1-DCE	VC	1,4-Dioxane	Sum of COPCs
0588-1	<0.16	0.23J	<0.15	<0.23	0.26J	<0.22	0.49
0588-2	<0.16	1.3	<0.15	<0.23	2.6	8.7	12.6
0588-3	<0.16	0.24J	<0.15	<0.23	0.62J	1.2	2.06
S4 to S5 Cross Section							
0585-1	<0.16	1.2	<0.15	<0.23	<0.1	3.8	5
0585-2	1,700	6,300	59	540	900	4.6	9,503.6
0585-3	29	540	12	22	1,400	2.3	2,005.3
0587-1	<0.16	60	0.94J	2.2	86	0.7J	149.84
0587-2	360	7,600	50	400	1,500	5.2	9,915.2
0587-3	0.81J	260	3.9	13	550	3.2	830.91
0569-1	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
0569-2	<0.16	1.1	<0.15	<0.23	5.2	1.8	8.1
0569-3	<0.16	28	0.37J	1	37	1.8	68.17
0572-1	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
0572-2	<0.16	120	1.2	5.1	30	1.1	157.4
0574-1	<0.16	11	0.15J	<0.23	14	1.2	26.35
0574-2	<0.16	22	0.31J	0.47J	23	1.4	47.18
0574-3	<0.16	0.2J	<0.15	<0.23	0.7J	<0.22	0.9
0575-1	<0.16	<0.15	<0.15	<0.23	<0.1	1.4	1.4
0575-2	<0.16	<0.15	<0.15	<0.23	1.2	0.75J	1.95
Other Wells							
0551-1	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
0551-2	<0.16	<0.15	<0.15	<0.23	<0.1	1.9	1.9
0565-1	<0.16	0.18J	<0.15	<0.23	<0.1	<0.22	0.18
0565-2	<0.16	0.57J	<0.15	<0.23	0.38J	0.51J	1.46
0565-3	<0.16	0.62J	0.2J	<0.23	<0.1	0.25J	1.07
0568-1	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
0568-2	<0.16	<0.15	<0.15	<0.23	<0.1	1.5	1.5
0568-3	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
0570-1	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
0570-2	<0.16	<0.15	<0.15	<0.23	<0.1	2.4	2.4
0570-3	<0.16	<0.15	<0.15	<0.23	2.2	3	5.2
0573-1	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
0573-2	<0.16	<0.15	<0.15	<0.23	<0.1	0.25J	0.25
0573-3	<0.16	<0.15	<0.15	<0.23	<0.1	0.22J	0.22
0577-1	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
0577-2	0.49J	<0.15	<0.15	<0.23	<0.1	<0.22	0.49
0577-3	0.42J	<0.15	<0.15	<0.23	<0.1	<0.22	0.42
0579-1	0.29J	<0.15	<0.15	<0.23	<0.1	<0.22	0.29
0579-2	0.27J	<0.15	<0.15	<0.23	<0.1	<0.22	0.27
0579-3	0.25J	<0.15	<0.15	<0.23	<0.1	<0.22	0.25

Table 6 (continued). September 2014 COPCs Concentrations Listed by Cross Section (µg/L)[a]

Well	TCE	cDCE	tDCE	1,1-DCE	VC	1,4-Dioxane	Sum of COPCs
S30B	12	23	2.8	0.28J	5.7	<0.22	43.78
S33C	86	280	17	11	68	<0.22	462
S35B	10,000	48,000	6,000	830	9,900	<2.2	74,730

Notes:
[a] "<" values are method detection limits.

Abbreviations:
J = estimated value
µg/L = micrograms per liter
ND = not detected

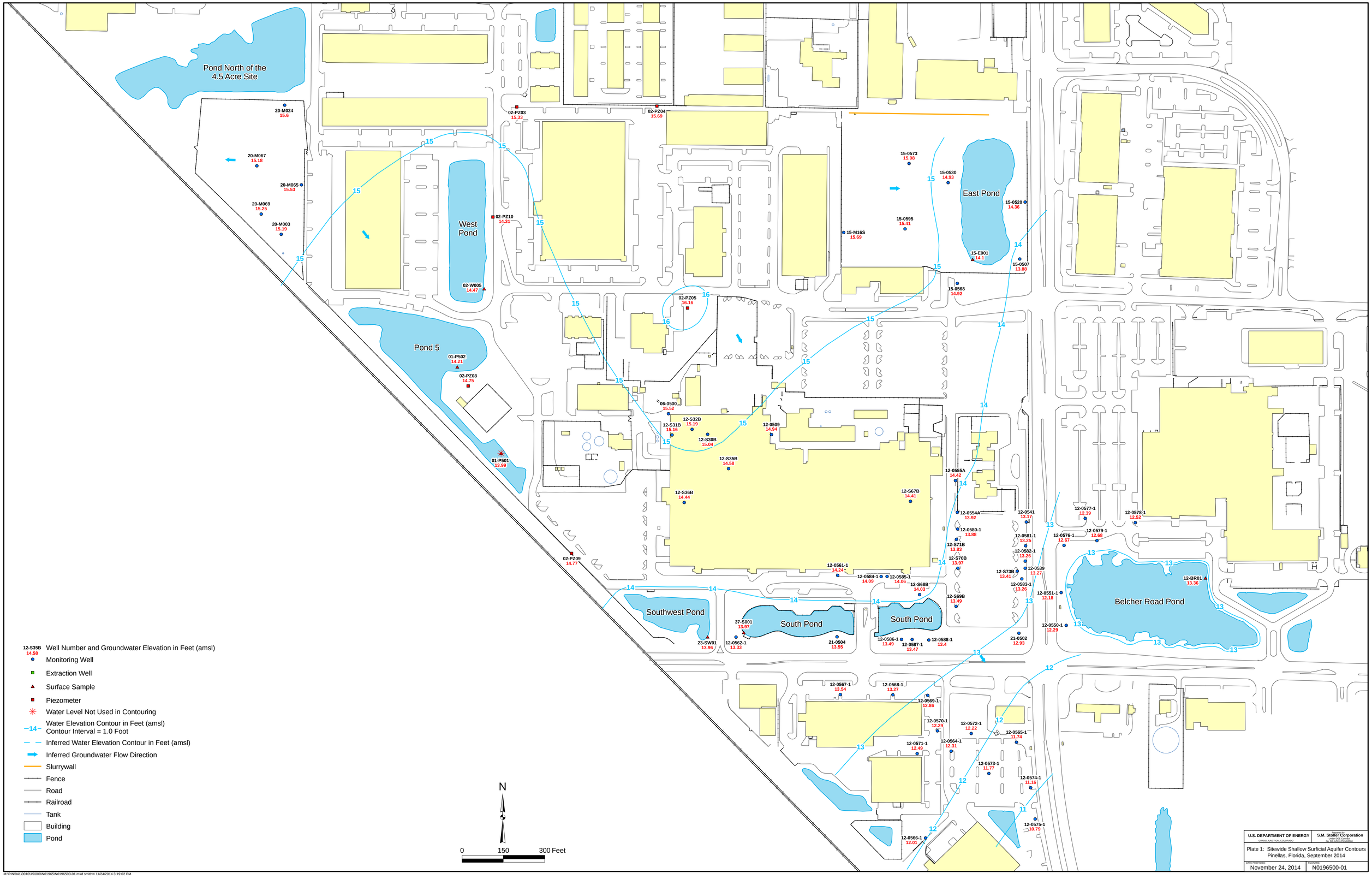
Table 7. Sum of COPCs for Each Plume Stability Monitoring Cross Section (µg/L)

Wells	Sum of COPCs March 2013	Sum of COPCs September 2013	Sum of COPCs March 2014	Sum of COPCs September 2014
E1 to E2 Cross Section				
0555	1.5	1.8	1.8	1.4
0554	187	184	197	123
0580	406	432	371	442
S71	213	256	209	114
S70	151	113	119	118
S69	0.3	1.9	2.4	5.1
E3 to E4 Cross Section				
0541/0542/0549	0.4	6.9	7.4	7.7
0581	12	59	53	19
0582	319	468	286	574
0539/0540	513	606	516	480
S73	409	157	191	250
0583	18	20	33	10
E5 to E6 Cross Section				
S67	500	560	586	693
0580	406	432	371	442
0582	319	468	286	574
0576	118	108	68	103
0578	0	0	1.9	0.4
S1 to E2 Cross Section				
0561	0	0	0.8	0
0584	1.4	6.6	13	17
0585	4,940	9,472	9,284	11,514
0524/0525	1,194	1,089	1,123	890
S68	70	168	132	114
S69	0.3	1.9	2.4	5.1
S2 to S3 Cross Section				
0586	8	20	24	35
0587	763	3,325	5,266	10,896
0588	37	25	19	15
S4 to S5 Cross Section				
0585	4,940	9,472	9,284	11,514
0587	763	3,325	5,266	10,896
0569	99	85	90	76
0572	254	283	257	157
0574	56	81	57	74
0575	1.9	2.4	3.7	3.4

Abbreviations:
µg/L = micrograms per liter

Table 8. Area Under the Curve Values for Each Plume Stability Monitoring Cross Section (The area under the curve values are dimensionless.)

Cross Section	March 2013	September 2013	March 2014	September 2014
E1-E2	956	987	898	800
E3-E4	1,262	1,303	1,066	1,332
E5-E6	1,092	1,289	1,019	1,466
S1-E2	6,206	10,736	10,554	12,538
S2-S3	786	3,347	5,288	10,921
S4-S5	3,643	8,510	10,314	16,963



U.S. DEPARTMENT OF EMERGY — GRAND JUNCTION, COLORADO

S.M. Stoller Corporation — Under DOE Contract No. DE-AC01-07LM00050

Plate 1: Sitewide Shallow Surficial Aquifer Contours Pinellas, Florida, September 2014

DATE PREPARED: November 24, 2014

PLAN NO.: N0196500-01

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Pond North of the 4.5 Acre Site

West Pond

Pond 5

East Pond

Southwest Pond

South Pond

South Pond

Belcher Road Pond

20-M023 15.42
20-0502 15.41
20-M015 15.11
20-M056 14.94
20-M001 15.16
20-M053 14.88
20-M057 14.84
20-M18D 14.55
20-M058 15.15
20-M068 15.19
20-M059 15.29
20-M005 15.64
20-M066 14.99
02-PZ11 14.35
15-M33D 16.83
15-M24D 15.43
15-0535 14.99
15-0534 14.38
15-0594 15.2
15-0569 14.85
12-0520 15.47
12-RW02 15.51
12-0521 15.57
12-0555C 13.99
12-S67D 14.25
12-0554C 13.86
12-0580-3 13.73
12-S71D 13.83
12-S70D 12.66
12-0585-3 13.94
12-0584-3 14.01
12-0524 14.1
12-0561-3 14.19
12-0562-3 13.39
12-S68D 13.86
12-S69D 13.53
12-0586-3 13.5
12-0587-3 13.49
12-0588-3 13.38
12-0549 13.2
12-0581-3 13.21
12-0582-3 13.21
12-S73D 13.16
12-0583-3 13.2
12-0551-3 11.95
12-PZ01 12.21
12-0577-3 12.48
12-0578-3 12.6
12-0579-3 12.68
12-0576-3 12.73
12-PZ03 13.75
12-0550-3 12.49
12-PZ02 12.51
12-0567-3 13.35
12-0568-3 13.21
12-0569-3 12.88
12-0570-3 12.29
12-0572-2 12.21
12-0565-3 11.79
12-0564-3 12.23
12-0571-3 12.52
12-0573-3 11.8
12-0574-3 11.22
12-0575-2 10.82
12-0566-3 12.08

20-M005 15.64 Well Number and Groundwater Elevation in Feet (amsl)
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

N

0 150 300 Feet

U.S. DEPARTMENT OF ENERGY
GRAND JUNCTION, COLORADO

Prepared by S.M. Stoller Corporation Under DOE Contract No. DE-AC01-07LM00060

Plate 2: Sitewide Deep Surficial Aquifer Contours
Pinellas, Florida, September 2014

DATE PREPARED: November 24, 2014

PLOT PLAN: N0196500-02

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Appendix A

Laboratory Reports

September 2014 Semiannual Monitoring

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 280-59971-1

SDG Number: 14086435

Job Description: PINELLAS MONITORING

For:
S.M. Stoller Corporation
2597 Legacy Way
Grand Junction, CO 81503

Attention: Mr. Steve Donivan

Approved for release.
DiLea R Bindel
Project Manager I
9/30/2014 4:21 PM

DiLea R Bindel, Project Manager I
4955 Yarrow Street, Arvada, CO, 80002
(303)736-0173
dilea.bindel@testamericainc.com
09/30/2014

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.

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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Table of Contents

CASE NARRATIVE

Client: S.M. Stoller Corporation

Project: PINELLAS MONITORING - 14086435

Report Number: 280-59971-1

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.

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.

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.

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 9/13/2014 9:25 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 0.9º C.

One of the four 40mL vials submitted for samples PIN12-0574-1 (MJS 903), PIN12-S33C (MJS 937), PIN12-S35B (MJS 938) and PIN12-S67B (MJS 897) contained headspace greater than 6mm in diameter. Sufficient volume remained to proceed with the requested analysis. The client was notified on 9/16/2014.

Two of the four 40mL vials submitted for sample PIN12-S30B (MJS 936), requesting VOC 8260B and 1,4-Dioxane analysis, contained headspace greater than 6 mm in diameter. The client was notified on 9/16/2014.

GC/MS VOLATILES - SW846 8260B

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

The accuracy and precision of Benzene in the MS/MSD associated with batch 280-244427 could not be reliably evaluated, as the concentration present in the parent sample was 4 times greater than the matrix spike concentration. The acceptable LCS analysis data indicated that the analytical system was operating within control; therefore, corrective action is deemed unnecessary.

The accuracy and precision of Trichloroethene in the MS/MSD associated with batch 280-244436 could not be reliably evaluated, as the concentration present in the parent sample was 4 times greater than the matrix spike concentration, and the MS/MSD concentrations were present above the instrument calibration range. The acceptable LCS analysis data indicated that the analytical system was operating within control; therefore, corrective action is deemed unnecessary.

The MSD aliquot of the MS/MSD associated with batch 280-244632 exhibited percent recoveries outside the control limits, biased low, for 1,2-Dichloropropane. In addition, RPD values were exceeded for 1,2-Dichloropropane and 1,1-Dichloroethene. 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 above or in the Definitions/Glossary page.

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

In some cases, due to high concentrations of target analytes, samples had to be analyzed using reduced aliquot sizes. The reporting limits have been elevated accordingly.

Due to the nature of the sample matrix, a reduced aliquot size had to be used for the analysis of sample PIN12-S35B (MJS 938). The nominal aliquot produced a high internal response. The reporting limits have been elevated accordingly.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

DATA REPORTING QUALIFIERS

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Lab Section	Qualifier	Description
GC/MS VOA		
	U	Indicates the analyte was analyzed for but not detected.
	F1	MS and/or MSD Recovery exceeds the control 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.

SAMPLE SUMMARY

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
280-59971-1	PIN12-0565-1	Water	09/11/2014 1356	09/13/2014 0925
280-59971-1MS	PIN12-0565-1	Water	09/11/2014 1356	09/13/2014 0925
280-59971-1MSD	PIN12-0565-1	Water	09/11/2014 1356	09/13/2014 0925
280-59971-2	PIN12-0565-2	Water	09/11/2014 1426	09/13/2014 0925
280-59971-2MSMS	PIN12-0565-2	Water	09/11/2014 1426	09/13/2014 0925
280-59971-2MSDMSD	PIN12-0565-2	Water	09/11/2014 1426	09/13/2014 0925
280-59971-3	PIN12-0565-3	Water	09/11/2014 1502	09/13/2014 0925
280-59971-4	PIN12-0573-1	Water	09/11/2014 1544	09/13/2014 0925
280-59971-5	PIN12-0573-2	Water	09/11/2014 1617	09/13/2014 0925
280-59971-6	PIN12-0573-3	Water	09/11/2014 1654	09/13/2014 0925
280-59971-7	PIN12-0574-1	Water	09/11/2014 1026	09/13/2014 0925
280-59971-8	PIN12-0574-2	Water	09/11/2014 1059	09/13/2014 0925
280-59971-9	PIN12-0574-3	Water	09/11/2014 1126	09/13/2014 0925
280-59971-10	PIN12-0575-1	Water	09/11/2014 0917	09/13/2014 0925
280-59971-11	PIN12-0575-2	Water	09/11/2014 0948	09/13/2014 0925
280-59971-12	PIN99-2198	Water	09/11/2014 0800	09/13/2014 0925
280-59971-13	PIN12-S30B	Water	09/12/2014 0942	09/13/2014 0925
280-59971-14	PIN12-S33C	Water	09/12/2014 0859	09/13/2014 0925
280-59971-15	PIN12-S35B	Water	09/12/2014 1032	09/13/2014 0925
280-59971-16	PIN12-S67B	Water	09/12/2014 1303	09/13/2014 0925
280-59971-17	PIN12-S67C	Water	09/12/2014 1208	09/13/2014 0925
280-59971-18	PIN12-S67D	Water	09/12/2014 1242	09/13/2014 0925
280-59971-19	PIN12-0554A	Water	09/12/2014 1315	09/13/2014 0925
280-59971-20	PIN12-0554B	Water	09/12/2014 1430	09/13/2014 0925
280-59971-21	PIN12-0555A	Water	09/12/2014 1025	09/13/2014 0925
280-59971-22	PIN12-0555B	Water	09/12/2014 1050	09/13/2014 0925
280-59971-23	PIN12-0555C	Water	09/12/2014 1210	09/13/2014 0925
280-59971-24	PIN99-2202	Water	09/12/2014 0830	09/13/2014 0925

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-59971-1	**PIN12-0565-1**					
cis-1,2-Dichloroethene		0.18	J	1.0	ug/L	8260B
280-59971-2	**PIN12-0565-2**					
Acetone		2.9	J	10	ug/L	8260B
cis-1,2-Dichloroethene		0.57	J	1.0	ug/L	8260B
Vinyl chloride		0.38	J	1.0	ug/L	8260B
1,4-Dioxane		0.51	J	1.0	ug/L	8260B SIM
280-59971-3	**PIN12-0565-3**					
Acetone		5.5	J	10	ug/L	8260B
cis-1,2-Dichloroethene		0.62	J	1.0	ug/L	8260B
trans-1,2-Dichloroethene		0.20	J	1.0	ug/L	8260B
1,4-Dioxane		0.25	J	1.0	ug/L	8260B SIM
280-59971-5	**PIN12-0573-2**					
1,4-Dioxane		0.25	J	1.0	ug/L	8260B SIM
280-59971-6	**PIN12-0573-3**					
Acetone		2.6	J	10	ug/L	8260B
1,4-Dioxane		0.22	J	1.0	ug/L	8260B SIM
280-59971-7	**PIN12-0574-1**					
Acetone		2.4	J	10	ug/L	8260B
cis-1,2-Dichloroethene		11		1.0	ug/L	8260B
trans-1,2-Dichloroethene		0.15	J	1.0	ug/L	8260B
Vinyl chloride		14		1.0	ug/L	8260B
1,4-Dioxane		1.2		1.0	ug/L	8260B SIM
280-59971-8	**PIN12-0574-2**					
Acetone		3.7	J	10	ug/L	8260B
cis-1,2-Dichloroethene		22		1.0	ug/L	8260B
trans-1,2-Dichloroethene		0.31	J	1.0	ug/L	8260B
1,1-Dichloroethene		0.47	J	1.0	ug/L	8260B
Vinyl chloride		23		1.0	ug/L	8260B
1,4-Dioxane		1.4		1.0	ug/L	8260B SIM

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-59971-9	**PIN12-0574-3**					
Acetone		9.2	J	10	ug/L	8260B
cis-1,2-Dichloroethene		0.20	J	1.0	ug/L	8260B
Vinyl chloride		0.70	J	1.0	ug/L	8260B
280-59971-10	**PIN12-0575-1**					
Acetone		3.8	J	10	ug/L	8260B
1,4-Dioxane		1.4		1.0	ug/L	8260B SIM
280-59971-11	**PIN12-0575-2**					
Acetone		3.3	J	10	ug/L	8260B
Vinyl chloride		1.2		1.0	ug/L	8260B
1,4-Dioxane		0.75	J	1.0	ug/L	8260B SIM
280-59971-13	**PIN12-S30B**					
1,1-Dichloroethane		0.29	J	1.0	ug/L	8260B
cis-1,2-Dichloroethene		23		1.0	ug/L	8260B
trans-1,2-Dichloroethene		2.8		1.0	ug/L	8260B
1,1-Dichloroethene		0.28	J	1.0	ug/L	8260B
Trichloroethene		12		1.0	ug/L	8260B
Vinyl chloride		5.7		1.0	ug/L	8260B
280-59971-14	**PIN12-S33C**					
cis-1,2-Dichloroethene		280		20	ug/L	8260B
trans-1,2-Dichloroethene		17		2.0	ug/L	8260B
1,1-Dichloroethene		11		2.0	ug/L	8260B
Trichloroethene		86		2.0	ug/L	8260B
Vinyl chloride		68		2.0	ug/L	8260B
280-59971-15	**PIN12-S35B**					
cis-1,2-Dichloroethene		48000		5000	ug/L	8260B
trans-1,2-Dichloroethene		6000		500	ug/L	8260B
1,1-Dichloroethene		830		500	ug/L	8260B
Trichloroethene		10000		500	ug/L	8260B
Vinyl chloride		9900		500	ug/L	8260B

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-59971-16	**PIN12-S67B**					
1,1-Dichloroethane		24		1.0	ug/L	8260B
cis-1,2-Dichloroethene		12		1.0	ug/L	8260B
trans-1,2-Dichloroethene		3.3		1.0	ug/L	8260B
1,1-Dichloroethene		0.24	J	1.0	ug/L	8260B
Trichloroethene		0.20	J	1.0	ug/L	8260B
Vinyl chloride		180		20	ug/L	8260B
1,4-Dioxane		72		10	ug/L	8260B SIM
280-59971-17	**PIN12-S67C**					
1,1-Dichloroethane		23		2.0	ug/L	8260B
cis-1,2-Dichloroethene		62		2.0	ug/L	8260B
trans-1,2-Dichloroethene		12		2.0	ug/L	8260B
1,1-Dichloroethene		0.69	J	2.0	ug/L	8260B
Trichloroethene		0.64	J	2.0	ug/L	8260B
Vinyl chloride		210		20	ug/L	8260B
1,4-Dioxane		120		10	ug/L	8260B SIM
280-59971-18	**PIN12-S67D**					
1,1-Dichloroethane		0.78	J	1.0	ug/L	8260B
cis-1,2-Dichloroethene		7.5		1.0	ug/L	8260B
trans-1,2-Dichloroethene		2.6		1.0	ug/L	8260B
Trichloroethene		0.27	J	1.0	ug/L	8260B
Vinyl chloride		7.7		1.0	ug/L	8260B
1,4-Dioxane		2.1		1.0	ug/L	8260B SIM
280-59971-20	**PIN12-0554B**					
1,1-Dichloroethane		0.47	J	1.0	ug/L	8260B
cis-1,2-Dichloroethene		0.35	J	1.0	ug/L	8260B
1,4-Dioxane		1.8		1.0	ug/L	8260B SIM
280-59971-23	**PIN12-0555C**					
cis-1,2-Dichloroethene		1.0		1.0	ug/L	8260B
trans-1,2-Dichloroethene		0.37	J	1.0	ug/L	8260B

METHOD SUMMARY

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

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: 280-59971-1
Sdg Number: 14086435

Method	Analyst	Analyst ID
SW846 8260B	Lines, Jeremy N	JNL
SW846 8260B	Moan, Matthew R	MRM
SW846 8260B	Wickham, Tom A	TAW
SW846 8260B SIM	Moan, Matthew R	MRM

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Client Sample ID: **PIN12-0565-1**

Lab Sample ID: 280-59971-1
Client Matrix: Water

Date Sampled: 09/11/2014 1356
Date Received: 09/13/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244139	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R8239.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/19/2014 2249			Final Weight/Volume:	20 mL
Prep Date:	09/19/2014 2249				

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	0.18	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

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Client Sample ID: **PIN12-0565-1**

Lab Sample ID: 280-59971-1
Client Matrix: Water

Date Sampled: 09/11/2014 1356
Date Received: 09/13/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244139	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R8239.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/19/2014 2249			Final Weight/Volume:	20 mL
Prep Date:	09/19/2014 2249				

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)	112		80 - 125
4-Bromofluorobenzene (Surr)	104		78 - 120
Dibromofluoromethane (Surr)	100		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Client Sample ID: **PIN12-0565-2**

Lab Sample ID: 280-59971-2
Client Matrix: Water

Date Sampled: 09/11/2014 1426
Date Received: 09/13/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244139	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R8253.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/20/2014 0329			Final Weight/Volume:	20 mL
Prep Date:	09/20/2014 0329				

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	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.57	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

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Client Sample ID: **PIN12-0565-2**

Lab Sample ID: 280-59971-2
Client Matrix: Water

Date Sampled: 09/11/2014 1426
Date Received: 09/13/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244139	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R8253.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/20/2014 0329			Final Weight/Volume:	20 mL
Prep Date:	09/20/2014 0329				

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	0.38	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)	113		70 - 127
Toluene-d8 (Surr)	106		80 - 125
4-Bromofluorobenzene (Surr)	101		78 - 120
Dibromofluoromethane (Surr)	120		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Client Sample ID: **PIN12-0565-3**

Lab Sample ID: 280-59971-3
Client Matrix: Water

Date Sampled: 09/11/2014 1502
Date Received: 09/13/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244139	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R8243.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/20/2014 0011			Final Weight/Volume:	20 mL
Prep Date:	09/20/2014 0011				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	5.5	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	0.62	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

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Client Sample ID: **PIN12-0565-3**

Lab Sample ID: 280-59971-3
Client Matrix: Water

Date Sampled: 09/11/2014 1502
Date Received: 09/13/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244139	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R8243.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/20/2014 0011			Final Weight/Volume:	20 mL
Prep Date:	09/20/2014 0011				

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)	111		80 - 125
4-Bromofluorobenzene (Surr)	107		78 - 120
Dibromofluoromethane (Surr)	112		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Client Sample ID: **PIN12-0573-1**

Lab Sample ID: 280-59971-4
Client Matrix: Water

Date Sampled: 09/11/2014 1544
Date Received: 09/13/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244139	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R8244.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/20/2014 0031			Final Weight/Volume:	20 mL
Prep Date:	09/20/2014 0031				

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

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Client Sample ID: **PIN12-0573-1**

Lab Sample ID: 280-59971-4
Client Matrix: Water

Date Sampled: 09/11/2014 1544
Date Received: 09/13/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244139	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R8244.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/20/2014 0031			Final Weight/Volume:	20 mL
Prep Date:	09/20/2014 0031				

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)	109		70 - 127
Toluene-d8 (Surr)	111		80 - 125
4-Bromofluorobenzene (Surr)	108		78 - 120
Dibromofluoromethane (Surr)	115		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Client Sample ID: **PIN12-0573-2**

Lab Sample ID: 280-59971-5
Client Matrix: Water

Date Sampled: 09/11/2014 1617
Date Received: 09/13/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244139	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R8245.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/20/2014 0051			Final Weight/Volume:	20 mL
Prep Date:	09/20/2014 0051				

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

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Client Sample ID: **PIN12-0573-2**

Lab Sample ID: 280-59971-5
Client Matrix: Water

Date Sampled: 09/11/2014 1617
Date Received: 09/13/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244139	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R8245.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/20/2014 0051			Final Weight/Volume:	20 mL
Prep Date:	09/20/2014 0051				

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)	109		80 - 125
4-Bromofluorobenzene (Surr)	105		78 - 120
Dibromofluoromethane (Surr)	110		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Client Sample ID: **PIN12-0573-3**

Lab Sample ID: 280-59971-6
Client Matrix: Water

Date Sampled: 09/11/2014 1654
Date Received: 09/13/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244139	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R8246.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/20/2014 0111			Final Weight/Volume:	20 mL
Prep Date:	09/20/2014 0111				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	2.6	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	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

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Client Sample ID: **PIN12-0573-3**

Lab Sample ID: 280-59971-6
Client Matrix: Water

Date Sampled: 09/11/2014 1654
Date Received: 09/13/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244139	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R8246.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/20/2014 0111			Final Weight/Volume:	20 mL
Prep Date:	09/20/2014 0111				

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)	111		70 - 127
Toluene-d8 (Surr)	106		80 - 125
4-Bromofluorobenzene (Surr)	105		78 - 120
Dibromofluoromethane (Surr)	115		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Client Sample ID: **PIN12-0574-1**

Lab Sample ID: 280-59971-7
Client Matrix: Water

Date Sampled: 09/11/2014 1026
Date Received: 09/13/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244139	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R8247.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/20/2014 0130			Final Weight/Volume:	20 mL
Prep Date:	09/20/2014 0130				

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	11		0.15	1.0
trans-1,2-Dichloroethene	0.15	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

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Client Sample ID: **PIN12-0574-1**

Lab Sample ID: 280-59971-7
Client Matrix: Water

Date Sampled: 09/11/2014 1026
Date Received: 09/13/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244139	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R8247.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/20/2014 0130			Final Weight/Volume:	20 mL
Prep Date:	09/20/2014 0130				

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	14		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)	106		80 - 125
4-Bromofluorobenzene (Surr)	105		78 - 120
Dibromofluoromethane (Surr)	112		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Client Sample ID: **PIN12-0574-2**

Lab Sample ID: 280-59971-8
Client Matrix: Water

Date Sampled: 09/11/2014 1059
Date Received: 09/13/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244139	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R8248.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/20/2014 0150			Final Weight/Volume:	20 mL
Prep Date:	09/20/2014 0150				

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	22		0.15	1.0
trans-1,2-Dichloroethene	0.31	J	0.15	1.0
1,1-Dichloroethene	0.47	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

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Client Sample ID: **PIN12-0574-2**

Lab Sample ID: 280-59971-8
Client Matrix: Water

Date Sampled: 09/11/2014 1059
Date Received: 09/13/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244139	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R8248.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/20/2014 0150			Final Weight/Volume:	20 mL
Prep Date:	09/20/2014 0150				

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)	113		70 - 127
Toluene-d8 (Surr)	113		80 - 125
4-Bromofluorobenzene (Surr)	108		78 - 120
Dibromofluoromethane (Surr)	120		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Client Sample ID: **PIN12-0574-3**

Lab Sample ID: 280-59971-9
Client Matrix: Water

Date Sampled: 09/11/2014 1126
Date Received: 09/13/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244139	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R8250.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/20/2014 0230			Final Weight/Volume:	20 mL
Prep Date:	09/20/2014 0230				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	9.2	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	0.20	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

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Client Sample ID: **PIN12-0574-3**

Lab Sample ID: 280-59971-9
Client Matrix: Water

Date Sampled: 09/11/2014 1126
Date Received: 09/13/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244139	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R8250.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/20/2014 0230			Final Weight/Volume:	20 mL
Prep Date:	09/20/2014 0230				

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	0.70	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)	97		70 - 127
Toluene-d8 (Surr)	91		80 - 125
4-Bromofluorobenzene (Surr)	90		78 - 120
Dibromofluoromethane (Surr)	100		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Client Sample ID: **PIN12-0575-1**

Lab Sample ID: 280-59971-10
Client Matrix: Water

Date Sampled: 09/11/2014 0917
Date Received: 09/13/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244139	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R8251.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/20/2014 0249			Final Weight/Volume:	20 mL
Prep Date:	09/20/2014 0249				

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

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Client Sample ID: **PIN12-0575-1**

Lab Sample ID: 280-59971-10
Client Matrix: Water

Date Sampled: 09/11/2014 0917
Date Received: 09/13/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244139	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R8251.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/20/2014 0249			Final Weight/Volume:	20 mL
Prep Date:	09/20/2014 0249				

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)	116		70 - 127
Toluene-d8 (Surr)	111		80 - 125
4-Bromofluorobenzene (Surr)	107		78 - 120
Dibromofluoromethane (Surr)	120		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Client Sample ID: **PIN12-0575-2**

Lab Sample ID: 280-59971-11
Client Matrix: Water

Date Sampled: 09/11/2014 0948
Date Received: 09/13/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244139	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R8252.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/20/2014 0309			Final Weight/Volume:	20 mL
Prep Date:	09/20/2014 0309				

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

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Client Sample ID: **PIN12-0575-2**

Lab Sample ID: 280-59971-11
Client Matrix: Water

Date Sampled: 09/11/2014 0948
Date Received: 09/13/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244139	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R8252.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/20/2014 0309			Final Weight/Volume:	20 mL
Prep Date:	09/20/2014 0309				

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	1.2		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)	111		70 - 127
Toluene-d8 (Surr)	109		80 - 125
4-Bromofluorobenzene (Surr)	104		78 - 120
Dibromofluoromethane (Surr)	118		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Client Sample ID: **PIN99-2198**

Lab Sample ID: 280-59971-12
Client Matrix: Water

Date Sampled: 09/11/2014 0800
Date Received: 09/13/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244436	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H4589.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2014 1655			Final Weight/Volume:	20 mL
Prep Date:	09/23/2014 1655				

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

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Client Sample ID: **PIN99-2198**

Lab Sample ID: 280-59971-12
Client Matrix: Water

Date Sampled: 09/11/2014 0800
Date Received: 09/13/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244436	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H4589.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2014 1655			Final Weight/Volume:	20 mL
Prep Date:	09/23/2014 1655				

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)	109		70 - 127
Toluene-d8 (Surr)	105		80 - 125
4-Bromofluorobenzene (Surr)	99		78 - 120
Dibromofluoromethane (Surr)	111		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Client Sample ID: **PIN12-S30B**

Lab Sample ID: 280-59971-13
Client Matrix: Water

Date Sampled: 09/12/2014 0942
Date Received: 09/13/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244436	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H4590.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2014 1716			Final Weight/Volume:	20 mL
Prep Date:	09/23/2014 1716				

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	0.29	J	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	2.8		0.15	1.0
1,1-Dichloroethene	0.28	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

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Client Sample ID: **PIN12-S30B**

Lab Sample ID: 280-59971-13
Client Matrix: Water

Date Sampled: 09/12/2014 0942
Date Received: 09/13/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244436	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H4590.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2014 1716			Final Weight/Volume:	20 mL
Prep Date:	09/23/2014 1716				

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	12		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	5.7		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)	103		70 - 127
Toluene-d8 (Surr)	97		80 - 125
4-Bromofluorobenzene (Surr)	93		78 - 120
Dibromofluoromethane (Surr)	101		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Client Sample ID: **PIN12-S33C**

Lab Sample ID: 280-59971-14
Client Matrix: Water

Date Sampled: 09/12/2014 0859
Date Received: 09/13/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244436	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H4592.D
Dilution:	1.0			Initial Weight/Volume:	1 mL
Analysis Date:	09/23/2014 1759	Run Type:	DL	Final Weight/Volume:	20 mL
Prep Date:	09/23/2014 1759				

Analyte	Result (ug/L)	Qualifier	MDL	RL
cis-1,2-Dichloroethene	280		3.0	20

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	101		70 - 127
Toluene-d8 (Surr)	101		80 - 125
4-Bromofluorobenzene (Surr)	93		78 - 120
Dibromofluoromethane (Surr)	106		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Client Sample ID: **PIN12-S33C**

Lab Sample ID: 280-59971-14
Client Matrix: Water

Date Sampled: 09/12/2014 0859
Date Received: 09/13/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244632	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H4648.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	09/24/2014 1642			Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 1642				

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)	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	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
trans-1,2-Dichloroethene	17		0.30	2.0
1,1-Dichloroethene	11		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

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Client Sample ID: **PIN12-S33C**

Lab Sample ID: 280-59971-14
Client Matrix: Water

Date Sampled: 09/12/2014 0859
Date Received: 09/13/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244632	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H4648.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	09/24/2014 1642			Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 1642				

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	0.34	U	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	86		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
Vinyl chloride	68		0.20	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)	104		70 - 127
Toluene-d8 (Surr)	98		80 - 125
4-Bromofluorobenzene (Surr)	91		78 - 120
Dibromofluoromethane (Surr)	108		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Client Sample ID: **PIN12-S35B**

Lab Sample ID: 280-59971-15
Client Matrix: Water

Date Sampled: 09/12/2014 1032
Date Received: 09/13/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244436	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H4593.D
Dilution:	1.0			Initial Weight/Volume:	0.04 mL
Analysis Date:	09/23/2014 1821			Final Weight/Volume:	20 mL
Prep Date:	09/23/2014 1821				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	950	U	950	5000
Benzene	80	U	80	500
Bromobenzene	85	U	85	500
Bromochloromethane	50	U	50	500
Bromodichloromethane	85	U	85	500
Bromoform	95	U	95	500
Bromomethane	110	U	110	500
2-Butanone (MEK)	1000	U	1000	2500
n-Butylbenzene	160	U	160	500
sec-Butylbenzene	85	U	85	500
tert-Butylbenzene	80	U	80	500
Carbon disulfide	230	U	230	500
Carbon tetrachloride	95	U	95	500
Chlorobenzene	85	U	85	500
Dibromochloromethane	85	U	85	500
Chloroethane	210	U	210	500
Chloroform	80	U	80	500
Chloromethane	150	U	150	500
2-Chlorotoluene	85	U	85	500
4-Chlorotoluene	110	U	110	500
1,2-Dibromo-3-Chloropropane	240	U	240	500
Dibromomethane	85	U	85	500
1,2-Dichlorobenzene	75	U	75	500
1,3-Dichlorobenzene	65	U	65	500
1,4-Dichlorobenzene	80	U	80	500
Dichlorodifluoromethane	160	U	160	500
1,1-Dichloroethane	110	U	110	500
1,2-Dichloroethane	65	U	65	500
trans-1,2-Dichloroethene	6000		75	500
1,1-Dichloroethene	830		120	500
1,2-Dichloropropane	90	U	90	500
1,3-Dichloropropane	110	U	110	500
2,2-Dichloropropane	90	U	90	500
cis-1,3-Dichloropropene	80	U	80	500
trans-1,3-Dichloropropene	95	U	95	500
1,1-Dichloropropene	95	U	95	500
Ethylbenzene	80	U	80	500
Hexachlorobutadiene	180	U	180	500
2-Hexanone	850	U	850	2500
Isopropylbenzene	95	U	95	500
4-Isopropyltoluene	100	U	100	500
Methylene Chloride	160	U	160	500
4-Methyl-2-pentanone	490	U	490	2500
Naphthalene	110	U	110	500
n-Propylbenzene	80	U	80	500
Styrene	85	U	85	500

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Client Sample ID: **PIN12-S35B**

Lab Sample ID: 280-59971-15
Client Matrix: Water

Date Sampled: 09/12/2014 1032
Date Received: 09/13/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244436	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H4593.D
Dilution:	1.0			Initial Weight/Volume:	0.04 mL
Analysis Date:	09/23/2014 1821			Final Weight/Volume:	20 mL
Prep Date:	09/23/2014 1821				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1,2-Tetrachloroethane	110	U	110	500
1,1,2,2-Tetrachloroethane	110	U	110	500
Tetrachloroethene	100	U	100	500
Toluene	85	U	85	500
1,2,3-Trichlorobenzene	110	U	110	500
1,2,4-Trichlorobenzene	110	U	110	500
1,1,1-Trichloroethane	80	U	80	500
1,1,2-Trichloroethane	140	U	140	500
Trichloroethene	10000		80	500
Trichlorofluoromethane	150	U	150	500
1,2,3-Trichloropropane	170	U	170	500
1,2,4-Trimethylbenzene	75	U	75	500
1,3,5-Trimethylbenzene	80	U	80	500
Vinyl chloride	9900		50	500
Xylenes, Total	95	U	95	500
1,2-Dibromoethane	90	U	90	500

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93		70 - 127
Toluene-d8 (Surr)	89		80 - 125
4-Bromofluorobenzene (Surr)	81		78 - 120
Dibromofluoromethane (Surr)	92		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Client Sample ID: **PIN12-S35B**

Lab Sample ID: 280-59971-15
Client Matrix: Water

Date Sampled: 09/12/2014 1032
Date Received: 09/13/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244436	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H4594.D
Dilution:	1.0			Initial Weight/Volume:	0.004 mL
Analysis Date:	09/23/2014 1843	Run Type:	DL	Final Weight/Volume:	20 mL
Prep Date:	09/23/2014 1843				

Analyte	Result (ug/L)	Qualifier	MDL	RL
cis-1,2-Dichloroethene	48000		750	5000

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	101		70 - 127
Toluene-d8 (Surr)	97		80 - 125
4-Bromofluorobenzene (Surr)	96		78 - 120
Dibromofluoromethane (Surr)	107		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Client Sample ID: **PIN12-S67B**

Lab Sample ID: 280-59971-16
Client Matrix: Water

Date Sampled: 09/12/2014 1303
Date Received: 09/13/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244632	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H4650.D
Dilution:	1.0			Initial Weight/Volume:	1 mL
Analysis Date:	09/24/2014 1725	Run Type:	DL	Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 1725				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	180		2.0	20

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	106		70 - 127
Toluene-d8 (Surr)	100		80 - 125
4-Bromofluorobenzene (Surr)	96		78 - 120
Dibromofluoromethane (Surr)	108		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Client Sample ID: **PIN12-S67B**

Lab Sample ID: 280-59971-16
Client Matrix: Water

Date Sampled: 09/12/2014 1303
Date Received: 09/13/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244798	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H4694.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2014 1056			Final Weight/Volume:	20 mL
Prep Date:	09/25/2014 1056				

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	24		0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	12		0.15	1.0
trans-1,2-Dichloroethene	3.3		0.15	1.0
1,1-Dichloroethene	0.24	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

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Client Sample ID: **PIN12-S67B**

Lab Sample ID: 280-59971-16
Client Matrix: Water

Date Sampled: 09/12/2014 1303
Date Received: 09/13/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244798	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H4694.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2014 1056			Final Weight/Volume:	20 mL
Prep Date:	09/25/2014 1056				

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	0.20	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
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)	104		80 - 125
4-Bromofluorobenzene (Surr)	95		78 - 120
Dibromofluoromethane (Surr)	107		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Client Sample ID: **PIN12-S67C**

Lab Sample ID: 280-59971-17
Client Matrix: Water

Date Sampled: 09/12/2014 1208
Date Received: 09/13/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244427	Instrument ID:	VMS_Z
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Z0809.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	09/23/2014 1601			Final Weight/Volume:	20 mL
Prep Date:	09/23/2014 1601				

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)	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	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	23		0.44	2.0
1,2-Dichloroethane	0.26	U	0.26	2.0
cis-1,2-Dichloroethene	62		0.30	2.0
trans-1,2-Dichloroethene	12		0.30	2.0
1,1-Dichloroethene	0.69	J	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

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Client Sample ID: **PIN12-S67C**

Lab Sample ID: 280-59971-17
Client Matrix: Water

Date Sampled: 09/12/2014 1208
Date Received: 09/13/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244427	Instrument ID:	VMS_Z
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Z0809.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	09/23/2014 1601			Final Weight/Volume:	20 mL
Prep Date:	09/23/2014 1601				

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	0.34	U	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	0.64	J	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)	97		70 - 127
Toluene-d8 (Surr)	99		80 - 125
4-Bromofluorobenzene (Surr)	97		78 - 120
Dibromofluoromethane (Surr)	100		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Client Sample ID: **PIN12-S67C**

Lab Sample ID: 280-59971-17
Client Matrix: Water

Date Sampled: 09/12/2014 1208
Date Received: 09/13/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244427	Instrument ID:	VMS_Z
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Z0810.D
Dilution:	1.0			Initial Weight/Volume:	1 mL
Analysis Date:	09/23/2014 1625	Run Type:	DL	Final Weight/Volume:	20 mL
Prep Date:	09/23/2014 1625				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	210		2.0	20

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95		70 - 127
Toluene-d8 (Surr)	97		80 - 125
4-Bromofluorobenzene (Surr)	96		78 - 120
Dibromofluoromethane (Surr)	97		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Client Sample ID: **PIN12-S67D**

Lab Sample ID: 280-59971-18
Client Matrix: Water

Date Sampled: 09/12/2014 1242
Date Received: 09/13/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244427	Instrument ID:	VMS_Z
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Z0811.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2014 1648			Final Weight/Volume:	20 mL
Prep Date:	09/23/2014 1648				

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	0.78	J	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	7.5		0.15	1.0
trans-1,2-Dichloroethene	2.6		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

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Client Sample ID: **PIN12-S67D**

Lab Sample ID: 280-59971-18
Client Matrix: Water

Date Sampled: 09/12/2014 1242
Date Received: 09/13/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244427	Instrument ID:	VMS_Z
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Z0811.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2014 1648			Final Weight/Volume:	20 mL
Prep Date:	09/23/2014 1648				

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	0.27	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	7.7		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)	100		70 - 127
Toluene-d8 (Surr)	97		80 - 125
4-Bromofluorobenzene (Surr)	97		78 - 120
Dibromofluoromethane (Surr)	100		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Client Sample ID: **PIN12-0554A**

Lab Sample ID: 280-59971-19
Client Matrix: Water

Date Sampled: 09/12/2014 1315
Date Received: 09/13/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244427	Instrument ID:	VMS_Z
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Z0812.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2014 1712			Final Weight/Volume:	20 mL
Prep Date:	09/23/2014 1712				

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

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Client Sample ID: **PIN12-0554A**

Lab Sample ID: 280-59971-19
Client Matrix: Water

Date Sampled: 09/12/2014 1315
Date Received: 09/13/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244427	Instrument ID:	VMS_Z
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Z0812.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2014 1712			Final Weight/Volume:	20 mL
Prep Date:	09/23/2014 1712				

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)	102		80 - 125
4-Bromofluorobenzene (Surr)	100		78 - 120
Dibromofluoromethane (Surr)	103		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Client Sample ID: **PIN12-0554B**

Lab Sample ID: 280-59971-20
Client Matrix: Water

Date Sampled: 09/12/2014 1430
Date Received: 09/13/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244427	Instrument ID:	VMS_Z
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Z0813.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2014 1735			Final Weight/Volume:	20 mL
Prep Date:	09/23/2014 1735				

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	0.47	J	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.35	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

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Client Sample ID: **PIN12-0554B**

Lab Sample ID: 280-59971-20
Client Matrix: Water

Date Sampled: 09/12/2014 1430
Date Received: 09/13/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244427	Instrument ID:	VMS_Z
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Z0813.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2014 1735			Final Weight/Volume:	20 mL
Prep Date:	09/23/2014 1735				

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)	97		70 - 127
Toluene-d8 (Surr)	95		80 - 125
4-Bromofluorobenzene (Surr)	93		78 - 120
Dibromofluoromethane (Surr)	98		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Client Sample ID: **PIN12-0555A**

Lab Sample ID: 280-59971-21
Client Matrix: Water

Date Sampled: 09/12/2014 1025
Date Received: 09/13/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244427	Instrument ID:	VMS_Z
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Z0814.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2014 1759			Final Weight/Volume:	20 mL
Prep Date:	09/23/2014 1759				

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

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Client Sample ID: **PIN12-0555A**

Lab Sample ID: 280-59971-21
Client Matrix: Water

Date Sampled: 09/12/2014 1025
Date Received: 09/13/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244427	Instrument ID:	VMS_Z
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Z0814.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2014 1759			Final Weight/Volume:	20 mL
Prep Date:	09/23/2014 1759				

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)	101		70 - 127
Toluene-d8 (Surr)	99		80 - 125
4-Bromofluorobenzene (Surr)	99		78 - 120
Dibromofluoromethane (Surr)	101		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Client Sample ID: **PIN12-0555B**

Lab Sample ID: 280-59971-22
Client Matrix: Water

Date Sampled: 09/12/2014 1050
Date Received: 09/13/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244427	Instrument ID:	VMS_Z
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Z0815.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2014 1822			Final Weight/Volume:	20 mL
Prep Date:	09/23/2014 1822				

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

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Client Sample ID: **PIN12-0555B**

Lab Sample ID: 280-59971-22
Client Matrix: Water

Date Sampled: 09/12/2014 1050
Date Received: 09/13/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244427	Instrument ID:	VMS_Z
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Z0815.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2014 1822			Final Weight/Volume:	20 mL
Prep Date:	09/23/2014 1822				

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)	95		80 - 125
4-Bromofluorobenzene (Surr)	95		78 - 120
Dibromofluoromethane (Surr)	98		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Client Sample ID: **PIN12-0555C**

Lab Sample ID: 280-59971-23
Client Matrix: Water

Date Sampled: 09/12/2014 1210
Date Received: 09/13/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244427	Instrument ID:	VMS_Z
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Z0816.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2014 1846			Final Weight/Volume:	20 mL
Prep Date:	09/23/2014 1846				

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	1.0		0.15	1.0
trans-1,2-Dichloroethene	0.37	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

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Client Sample ID: **PIN12-0555C**

Lab Sample ID: 280-59971-23
Client Matrix: Water

Date Sampled: 09/12/2014 1210
Date Received: 09/13/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244427	Instrument ID:	VMS_Z
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Z0816.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2014 1846			Final Weight/Volume:	20 mL
Prep Date:	09/23/2014 1846				

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)	97		70 - 127
Toluene-d8 (Surr)	95		80 - 125
4-Bromofluorobenzene (Surr)	95		78 - 120
Dibromofluoromethane (Surr)	97		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Client Sample ID: **PIN99-2202**

Lab Sample ID: 280-59971-24
Client Matrix: Water

Date Sampled: 09/12/2014 0830
Date Received: 09/13/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244427	Instrument ID:	VMS_Z
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Z0817.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2014 1910			Final Weight/Volume:	20 mL
Prep Date:	09/23/2014 1910				

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

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Client Sample ID: **PIN99-2202**

Lab Sample ID: 280-59971-24
Client Matrix: Water

Date Sampled: 09/12/2014 0830
Date Received: 09/13/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244427	Instrument ID:	VMS_Z
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Z0817.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2014 1910			Final Weight/Volume:	20 mL
Prep Date:	09/23/2014 1910				

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)	96		80 - 125
4-Bromofluorobenzene (Surr)	95		78 - 120
Dibromofluoromethane (Surr)	96		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Client Sample ID: **PIN12-0565-1**

Lab Sample ID: 280-59971-1
Client Matrix: Water

Date Sampled: 09/11/2014 1356
Date Received: 09/13/2014 0925

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

Analysis Method:	8260B SIM	Analysis Batch:	280-243397	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E55508.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/16/2014 1508			Final Weight/Volume:	20 mL
Prep Date:	09/16/2014 1508				

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

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Client Sample ID: **PIN12-0565-2**

Lab Sample ID: 280-59971-2
Client Matrix: Water

Date Sampled: 09/11/2014 1426
Date Received: 09/13/2014 0925

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

Analysis Method:	8260B SIM	Analysis Batch:	280-243397	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E55505.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/16/2014 1413			Final Weight/Volume:	20 mL
Prep Date:	09/16/2014 1413				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.51	J	0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Client Sample ID: **PIN12-0565-3**

Lab Sample ID: 280-59971-3
Client Matrix: Water

Date Sampled: 09/11/2014 1502
Date Received: 09/13/2014 0925

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

Analysis Method:	8260B SIM	Analysis Batch:	280-243397	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E55510.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/16/2014 1544			Final Weight/Volume:	20 mL
Prep Date:	09/16/2014 1544				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.25	J	0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	91		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Client Sample ID: **PIN12-0573-1**

Lab Sample ID: 280-59971-4
Client Matrix: Water

Date Sampled: 09/11/2014 1544
Date Received: 09/13/2014 0925

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

Analysis Method:	8260B SIM	Analysis Batch:	280-243397	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E55511.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/16/2014 1602			Final Weight/Volume:	20 mL
Prep Date:	09/16/2014 1602				

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

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Client Sample ID: **PIN12-0573-2**

Lab Sample ID: 280-59971-5
Client Matrix: Water

Date Sampled: 09/11/2014 1617
Date Received: 09/13/2014 0925

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

Analysis Method:	8260B SIM	Analysis Batch:	280-243397	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E55512.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/16/2014 1620			Final Weight/Volume:	20 mL
Prep Date:	09/16/2014 1620				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.25	J	0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Client Sample ID: **PIN12-0573-3**

Lab Sample ID: 280-59971-6
Client Matrix: Water

Date Sampled: 09/11/2014 1654
Date Received: 09/13/2014 0925

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

Analysis Method:	8260B SIM	Analysis Batch:	280-243397	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E55513.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/16/2014 1638			Final Weight/Volume:	20 mL
Prep Date:	09/16/2014 1638				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.22	J	0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Client Sample ID: **PIN12-0574-1**

Lab Sample ID: 280-59971-7
Client Matrix: Water

Date Sampled: 09/11/2014 1026
Date Received: 09/13/2014 0925

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

Analysis Method:	8260B SIM	Analysis Batch:	280-243397	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E55514.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/16/2014 1656			Final Weight/Volume:	20 mL
Prep Date:	09/16/2014 1656				

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)	97		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Client Sample ID: **PIN12-0574-2**

Lab Sample ID: 280-59971-8
Client Matrix: Water

Date Sampled: 09/11/2014 1059
Date Received: 09/13/2014 0925

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

Analysis Method:	8260B SIM	Analysis Batch:	280-243397	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E55515.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/16/2014 1715			Final Weight/Volume:	20 mL
Prep Date:	09/16/2014 1715				

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)	91		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Client Sample ID: **PIN12-0574-3**

Lab Sample ID: 280-59971-9
Client Matrix: Water

Date Sampled: 09/11/2014 1126
Date Received: 09/13/2014 0925

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

Analysis Method:	8260B SIM	Analysis Batch:	280-243397	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E55516.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/16/2014 1733			Final Weight/Volume:	20 mL
Prep Date:	09/16/2014 1733				

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

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Client Sample ID: **PIN12-0575-1**

Lab Sample ID: 280-59971-10
Client Matrix: Water

Date Sampled: 09/11/2014 0917
Date Received: 09/13/2014 0925

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

Analysis Method:	8260B SIM	Analysis Batch:	280-243397	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E55517.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/16/2014 1751			Final Weight/Volume:	20 mL
Prep Date:	09/16/2014 1751				

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

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Client Sample ID: **PIN12-0575-2**

Lab Sample ID: 280-59971-11
Client Matrix: Water

Date Sampled: 09/11/2014 0948
Date Received: 09/13/2014 0925

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

Analysis Method:	8260B SIM	Analysis Batch:	280-243397	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E55518.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/16/2014 1809			Final Weight/Volume:	20 mL
Prep Date:	09/16/2014 1809				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.75	J	0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Client Sample ID: **PIN12-S30B**

Lab Sample ID: 280-59971-13
Client Matrix: Water

Date Sampled: 09/12/2014 0942
Date Received: 09/13/2014 0925

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

Analysis Method:	8260B SIM	Analysis Batch:	280-243602	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E5566.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/17/2014 1120			Final Weight/Volume:	20 mL
Prep Date:	09/17/2014 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)	92		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Client Sample ID: **PIN12-S33C**

Lab Sample ID: 280-59971-14
Client Matrix: Water

Date Sampled: 09/12/2014 0859
Date Received: 09/13/2014 0925

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

Analysis Method:	8260B SIM	Analysis Batch:	280-243602	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E5567.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/17/2014 1138			Final Weight/Volume:	20 mL
Prep Date:	09/17/2014 1138				

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

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Client Sample ID: **PIN12-S35B**

Lab Sample ID: 280-59971-15
Client Matrix: Water

Date Sampled: 09/12/2014 1032
Date Received: 09/13/2014 0925

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

Analysis Method:	8260B SIM	Analysis Batch:	280-244189	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E5697.D
Dilution:	1.0			Initial Weight/Volume:	2 mL
Analysis Date:	09/22/2014 1622			Final Weight/Volume:	20 mL
Prep Date:	09/22/2014 1622				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	2.2	U	2.2	10

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Client Sample ID: **PIN12-S67B**

Lab Sample ID: 280-59971-16
Client Matrix: Water

Date Sampled: 09/12/2014 1303
Date Received: 09/13/2014 0925

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

Analysis Method:	8260B SIM	Analysis Batch:	280-244189	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E5678.D
Dilution:	1.0			Initial Weight/Volume:	2 mL
Analysis Date:	09/22/2014 1038			Final Weight/Volume:	20 mL
Prep Date:	09/22/2014 1038				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	72		2.2	10

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	104		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Client Sample ID: **PIN12-S67C**

Lab Sample ID: 280-59971-17
Client Matrix: Water

Date Sampled: 09/12/2014 1208
Date Received: 09/13/2014 0925

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

Analysis Method:	8260B SIM	Analysis Batch:	280-244189	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E5679.D
Dilution:	1.0			Initial Weight/Volume:	2 mL
Analysis Date:	09/22/2014 1056			Final Weight/Volume:	20 mL
Prep Date:	09/22/2014 1056				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	120		2.2	10

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	99		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Client Sample ID: **PIN12-S67D**

Lab Sample ID: 280-59971-18
Client Matrix: Water

Date Sampled: 09/12/2014 1242
Date Received: 09/13/2014 0925

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

Analysis Method:	8260B SIM	Analysis Batch:	280-244189	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E5682.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/22/2014 1150			Final Weight/Volume:	20 mL
Prep Date:	09/22/2014 1150				

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)	101		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Client Sample ID: **PIN12-0554A**

Lab Sample ID: 280-59971-19
Client Matrix: Water

Date Sampled: 09/12/2014 1315
Date Received: 09/13/2014 0925

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

Analysis Method:	8260B SIM	Analysis Batch:	280-244189	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E5683.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/22/2014 1207			Final Weight/Volume:	20 mL
Prep Date:	09/22/2014 1207				

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)	112		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Client Sample ID: **PIN12-0554B**

Lab Sample ID: 280-59971-20
Client Matrix: Water

Date Sampled: 09/12/2014 1430
Date Received: 09/13/2014 0925

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

Analysis Method:	8260B SIM	Analysis Batch:	280-243602	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E5575.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/17/2014 1406			Final Weight/Volume:	20 mL
Prep Date:	09/17/2014 1406				

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)	93		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Client Sample ID: **PIN12-0555A**

Lab Sample ID: 280-59971-21
Client Matrix: Water

Date Sampled: 09/12/2014 1025
Date Received: 09/13/2014 0925

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

Analysis Method:	8260B SIM	Analysis Batch:	280-243602	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E5576.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/17/2014 1424			Final Weight/Volume:	20 mL
Prep Date:	09/17/2014 1424				

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

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Client Sample ID: **PIN12-0555B**

Lab Sample ID: 280-59971-22
Client Matrix: Water

Date Sampled: 09/12/2014 1050
Date Received: 09/13/2014 0925

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

Analysis Method:	8260B SIM	Analysis Batch:	280-243602	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E5577.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/17/2014 1443			Final Weight/Volume:	20 mL
Prep Date:	09/17/2014 1443				

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

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Client Sample ID: **PIN12-0555C**

Lab Sample ID: 280-59971-23
Client Matrix: Water

Date Sampled: 09/12/2014 1210
Date Received: 09/13/2014 0925

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

Analysis Method:	8260B SIM	Analysis Batch:	280-243602	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E5578.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/17/2014 1501			Final Weight/Volume:	20 mL
Prep Date:	09/17/2014 1501				

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

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
280-59971-1	PIN12-0565-1	100	92	112	104
280-59971-2	PIN12-0565-2	120	113	106	101
280-59971-3	PIN12-0565-3	112	107	111	107
280-59971-4	PIN12-0573-1	115	109	111	108
280-59971-5	PIN12-0573-2	110	107	109	105
280-59971-6	PIN12-0573-3	115	111	106	105
280-59971-7	PIN12-0574-1	112	108	106	105
280-59971-8	PIN12-0574-2	120	113	113	108
280-59971-9	PIN12-0574-3	100	97	91	90
280-59971-10	PIN12-0575-1	120	116	111	107
280-59971-11	PIN12-0575-2	118	111	109	104
280-59971-12	PIN99-2198	111	109	105	99
280-59971-13	PIN12-S30B	101	103	97	93
280-59971-14 DL	PIN12-S33C DL	106	101	101	93
280-59971-14	PIN12-S33C	108	104	98	91
280-59971-15	PIN12-S35B	92	93	89	81
280-59971-15 DL	PIN12-S35B DL	107	101	97	96
280-59971-16 DL	PIN12-S67B DL	108	106	100	96
280-59971-16	PIN12-S67B	107	105	104	95
280-59971-17	PIN12-S67C	100	97	99	97
280-59971-17 DL	PIN12-S67C DL	97	95	97	96
280-59971-18	PIN12-S67D	100	100	97	97
280-59971-19	PIN12-0554A	103	103	102	100
280-59971-20	PIN12-0554B	98	97	95	93
280-59971-21	PIN12-0555A	101	101	99	99
280-59971-22	PIN12-0555B	98	98	95	95
280-59971-23	PIN12-0555C	97	97	95	95
280-59971-24	PIN99-2202	96	95	96	95
MB 280-244139/6		103	100	100	101

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

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

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
MB 280-244427/16		97	96	97	96
MB 280-244436/6		105	102	100	97
MB 280-244632/6		105	101	101	94
MB 280-244798/6		107	101	102	95
LCS 280-244139/4		100	98	100	90
LCS 280-244427/15		102	100	107	98
LCS 280-244436/4		104	105	104	90
LCS 280-244632/4		106	110	104	90
LCS 280-244798/4		108	114	104	89
280-59971-1 MS	PIN12-0565-1 MS	107	100	113	101
280-59857-H-4 MS		100	100	108	98
280-60020-L-3 MS		105	102	108	92
280-60013-A-24 MS		104	102	106	94
280-60227-A-21 MS		116	119	114	96
280-59971-1 MSD	PIN12-0565-1 MSD	88	86	90	79
280-59857-H-4 MSD		102	101	108	101
280-60020-K-3 MSD		101	99	107	90
280-60013-A-24 MSD		90	86	91	79
280-60227-A-21 MSD		108	110	108	90

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

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Surrogate Recovery Report

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

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCA %Rec
280-59971-1	PIN12-0565-1	96
280-59971-2	PIN12-0565-2	96
280-59971-3	PIN12-0565-3	91
280-59971-4	PIN12-0573-1	96
280-59971-5	PIN12-0573-2	95
280-59971-6	PIN12-0573-3	95
280-59971-7	PIN12-0574-1	97
280-59971-8	PIN12-0574-2	91
280-59971-9	PIN12-0574-3	91
280-59971-10	PIN12-0575-1	94
280-59971-11	PIN12-0575-2	93
280-59971-13	PIN12-S30B	92
280-59971-14	PIN12-S33C	96
280-59971-15	PIN12-S35B	96
280-59971-16	PIN12-S67B	104
280-59971-17	PIN12-S67C	99
280-59971-18	PIN12-S67D	101
280-59971-19	PIN12-0554A	112
280-59971-20	PIN12-0554B	93
280-59971-21	PIN12-0555A	92
280-59971-22	PIN12-0555B	93
280-59971-23	PIN12-0555C	92
MB 280-243397/17		92
MB 280-243602/5		95
MB 280-244189/5		100
LCS 280-243397/15		103
LCS 280-243602/3		93
LCS 280-244189/3		108
LCSD 280-243397/16		94

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	70-127

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Surrogate Recovery Report

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

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCA %Rec
LCSD 280-243602/4		92
LCSD 280-244189/4		103
280-59971-2MS	PIN12-0565-2 MS	95
280-59971-13 MS	PIN12-S30B MS	95
280-60227-B-2 MS		109
280-59971-2MSD	PIN12-0565-2 MSD	96
280-59971-13 MSD	PIN12-S30B MSD	95
280-60227-B-2 MSD		106

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	70-127

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Method Blank - Batch: 280-244139

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-244139/6	Analysis Batch:	280-244139	Instrument ID:	VMS_R1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	R8231.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/19/2014 2000	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/19/2014 2000				
Leach Date:	N/A				

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

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Method Blank - Batch: 280-244139

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-244139/6	Analysis Batch:	280-244139	Instrument ID:	VMS_R1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	R8231.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/19/2014 2000	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/19/2014 2000				
Leach Date:	N/A				

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)	100	70 - 127
Toluene-d8 (Surr)	100	80 - 125
4-Bromofluorobenzene (Surr)	101	78 - 120
Dibromofluoromethane (Surr)	103	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Lab Control Sample - Batch: 280-244139

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 280-244139/4	Analysis Batch:	280-244139	Instrument ID:	VMS_R1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	R8232.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/19/2014 2027	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/19/2014 2027				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	5.00	4.59	92	74 - 135	
Bromodichloromethane	5.00	4.50	90	73 - 135	
Carbon tetrachloride	5.00	5.14	103	67 - 135	
Chlorobenzene	5.00	4.60	92	76 - 135	
Chloroform	5.00	4.66	93	76 - 120	
1,3-Dichlorobenzene	5.00	4.57	91	74 - 135	
1,1-Dichloroethane	5.00	4.49	90	75 - 135	
trans-1,2-Dichloroethene	5.00	4.85	97	75 - 135	
1,1-Dichloroethene	5.00	4.52	90	71 - 136	
1,2-Dichloropropane	5.00	4.25	85	71 - 120	
Ethylbenzene	5.00	4.67	93	72 - 120	
Methylene Chloride	5.00	4.50	90	54 - 141	
Tetrachloroethene	5.00	4.81	96	70 - 135	
Toluene	5.00	5.14	103	73 - 120	
1,1,1-Trichloroethane	5.00	4.92	98	70 - 135	
Trichloroethene	5.00	4.55	91	73 - 135	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	98	70 - 127
Toluene-d8 (Surr)	100	80 - 125
4-Bromofluorobenzene (Surr)	90	78 - 120
Dibromofluoromethane (Surr)	100	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-244139

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-59971-1	Analysis Batch:	280-244139	Instrument ID:	VMS_R1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	R8241.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/19/2014 2331			Final Weight/Volume:	20 mL
Prep Date:	09/19/2014 2331				20 mL
Leach Date:	N/A				

MSD Lab Sample ID:	280-59971-1	Analysis Batch:	280-244139	Instrument ID:	VMS_R1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	R8242.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/19/2014 2351			Final Weight/Volume:	20 mL
Prep Date:	09/19/2014 2351				20 mL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	100	97	74 - 135	2	20		
Bromodichloromethane	91	93	73 - 135	2	20		
Carbon tetrachloride	116	108	67 - 135	8	21		
Chlorobenzene	98	95	76 - 135	4	20		
Chloroform	100	96	76 - 120	3	20		
1,3-Dichlorobenzene	100	96	74 - 135	4	20		
1,1-Dichloroethane	98	94	75 - 135	4	21		
trans-1,2-Dichloroethene	108	103	75 - 135	5	24		
1,1-Dichloroethene	102	95	71 - 136	7	20		
1,2-Dichloropropane	88	89	71 - 120	2	20		
Ethylbenzene	102	96	72 - 120	7	26		
Methylene Chloride	91	87	54 - 141	4	20		
Tetrachloroethene	110	104	70 - 135	6	20		
Toluene	111	108	73 - 120	2	20		
1,1,1-Trichloroethane	114	106	70 - 135	7	20		
Trichloroethene	102	98	73 - 135	4	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	100	86	70 - 127
Toluene-d8 (Surr)	113	90	80 - 125
4-Bromofluorobenzene (Surr)	101	79	78 - 120
Dibromofluoromethane (Surr)	107	88	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-244139

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-59971-1	Units:	ug/L	MSD Lab Sample ID:	280-59971-1
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/19/2014 2331			Analysis Date:	09/19/2014 2351
Prep Date:	09/19/2014 2331			Prep Date:	09/19/2014 2351
Leach Date:	N/A			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	4.99	4.86
Bromodichloromethane	0.17	U	5.00	5.00	4.54	4.63
Carbon tetrachloride	0.19	U	5.00	5.00	5.82	5.40
Chlorobenzene	0.17	U	5.00	5.00	4.92	4.73
Chloroform	0.16	U	5.00	5.00	4.98	4.82
1,3-Dichlorobenzene	0.13	U	5.00	5.00	4.98	4.80
1,1-Dichloroethane	0.22	U	5.00	5.00	4.89	4.68
trans-1,2-Dichloroethene	0.15	U	5.00	5.00	5.42	5.16
1,1-Dichloroethene	0.23	U	5.00	5.00	5.09	4.74
1,2-Dichloropropane	0.18	U	5.00	5.00	4.38	4.47
Ethylbenzene	0.16	U	5.00	5.00	5.12	4.78
Methylene Chloride	0.32	U	5.00	5.00	4.55	4.37
Tetrachloroethene	0.20	U	5.00	5.00	5.52	5.18
Toluene	0.17	U	5.00	5.00	5.54	5.42
1,1,1-Trichloroethane	0.16	U	5.00	5.00	5.69	5.28
Trichloroethene	0.16	U	5.00	5.00	5.11	4.89

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Method Blank - Batch: 280-244427

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-244427/16	Analysis Batch:	280-244427	Instrument ID:	VMS_Z
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	Z0800.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2014 1225	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/23/2014 1225				
Leach Date:	N/A				

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

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Method Blank - Batch: 280-244427

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-244427/16	Analysis Batch:	280-244427	Instrument ID:	VMS_Z
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	Z0800.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2014 1225	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/23/2014 1225				
Leach Date:	N/A				

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)	96	70 - 127
Toluene-d8 (Surr)	97	80 - 125
4-Bromofluorobenzene (Surr)	96	78 - 120
Dibromofluoromethane (Surr)	97	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Lab Control Sample - Batch: 280-244427

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 280-244427/15	Analysis Batch:	280-244427	Instrument ID:	VMS_Z
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	Z0799.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2014 1202	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/23/2014 1202				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	5.00	4.97	99	74 - 135	
Bromodichloromethane	5.00	4.78	96	73 - 135	
Carbon tetrachloride	5.00	5.73	115	67 - 135	
Chlorobenzene	5.00	5.09	102	76 - 135	
Chloroform	5.00	5.17	103	76 - 120	
1,3-Dichlorobenzene	5.00	4.93	99	74 - 135	
1,1-Dichloroethane	5.00	5.20	104	75 - 135	
trans-1,2-Dichloroethene	5.00	5.17	103	75 - 135	
1,1-Dichloroethene	5.00	4.85	97	71 - 136	
1,2-Dichloropropane	5.00	5.09	102	71 - 120	
Ethylbenzene	5.00	5.04	101	72 - 120	
Methylene Chloride	5.00	4.36	87	54 - 141	
Tetrachloroethene	5.00	5.40	108	70 - 135	
Toluene	5.00	5.35	107	73 - 120	
1,1,1-Trichloroethane	5.00	5.39	108	70 - 135	
Trichloroethene	5.00	5.47	109	73 - 135	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	100	70 - 127
Toluene-d8 (Surr)	107	80 - 125
4-Bromofluorobenzene (Surr)	98	78 - 120
Dibromofluoromethane (Surr)	102	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-244427

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-59857-H-4 MS	Analysis Batch:	280-244427	Instrument ID:	VMS_Z
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	Z0802.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	09/23/2014 1314			Final Weight/Volume:	20 mL
Prep Date:	09/23/2014 1314				20 mL/100g
Leach Date:	N/A				

MSD Lab Sample ID:	280-59857-H-4 MSD	Analysis Batch:	280-244427	Instrument ID:	VMS_Z
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	Z0803.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	09/23/2014 1337			Final Weight/Volume:	20 mL
Prep Date:	09/23/2014 1337				20 mL/100g
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	82	87	74 - 135	0	20	4	4
Bromodichloromethane	99	101	73 - 135	1	20		
Carbon tetrachloride	114	113	67 - 135	1	21		
Chlorobenzene	104	104	76 - 135	0	20		
Chloroform	103	104	76 - 120	1	20		
1,3-Dichlorobenzene	96	97	74 - 135	1	20		
1,1-Dichloroethane	99	100	75 - 135	1	21		
trans-1,2-Dichloroethene	103	104	75 - 135	1	24		
1,1-Dichloroethene	96	96	71 - 136	0	20		
1,2-Dichloropropane	104	105	71 - 120	0	20		
Ethylbenzene	109	109	72 - 120	0	26		
Methylene Chloride	93	96	54 - 141	4	20		
Tetrachloroethene	109	107	70 - 135	1	20		
Toluene	106	106	73 - 120	0	20		
1,1,1-Trichloroethane	107	106	70 - 135	0	20		
Trichloroethene	109	109	73 - 135	0	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	100	101	70 - 127
Toluene-d8 (Surr)	108	108	80 - 125
4-Bromofluorobenzene (Surr)	98	101	78 - 120
Dibromofluoromethane (Surr)	100	102	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-244427

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-59857-H-4 MS	Units:	ug/L	MSD Lab Sample ID:	280-59857-H-4 MSD
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/23/2014 1314			Analysis Date:	09/23/2014 1337
Prep Date:	09/23/2014 1314			Prep Date:	09/23/2014 1337
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Benzene	95		10.0	10.0	104	4	104	4
Bromodichloromethane	0.34	U	10.0	10.0	9.93		10.1	
Carbon tetrachloride	0.38	U	10.0	10.0	11.4		11.3	
Chlorobenzene	0.34	U	10.0	10.0	10.4		10.4	
Chloroform	0.32	U	10.0	10.0	10.3		10.4	
1,3-Dichlorobenzene	0.26	U	10.0	10.0	9.61		9.73	
1,1-Dichloroethane	0.44	U	10.0	10.0	9.91		9.97	
trans-1,2-Dichloroethene	0.30	U	10.0	10.0	10.3		10.4	
1,1-Dichloroethene	0.46	U	10.0	10.0	9.64		9.61	
1,2-Dichloropropane	0.36	U	10.0	10.0	10.4		10.5	
Ethylbenzene	10		10.0	10.0	21.3		21.3	
Methylene Chloride	0.64	U	10.0	10.0	9.27		9.63	
Tetrachloroethene	0.40	U	10.0	10.0	10.9		10.7	
Toluene	0.94	J	10.0	10.0	11.6		11.5	
1,1,1-Trichloroethane	0.32	U	10.0	10.0	10.7		10.6	
Trichloroethene	0.32	U	10.0	10.0	10.9		10.9	

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Method Blank - Batch: 280-244436

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-244436/6	Analysis Batch:	280-244436	Instrument ID:	VMS_H
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	H4568.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2014 0907	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/23/2014 0907				
Leach Date:	N/A				

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

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Method Blank - Batch: 280-244436

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-244436/6	Analysis Batch:	280-244436	Instrument ID:	VMS_H
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	H4568.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2014 0907	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/23/2014 0907				
Leach Date:	N/A				

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)	102	70 - 127
Toluene-d8 (Surr)	100	80 - 125
4-Bromofluorobenzene (Surr)	97	78 - 120
Dibromofluoromethane (Surr)	105	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Lab Control Sample - Batch: 280-244436

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 280-244436/4	Analysis Batch:	280-244436	Instrument ID:	VMS_H
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	H4567.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2014 0845	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/23/2014 0845				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	5.00	4.63	93	74 - 135	
Bromodichloromethane	5.00	4.76	95	73 - 135	
Carbon tetrachloride	5.00	5.31	106	67 - 135	
Chlorobenzene	5.00	4.69	94	76 - 135	
Chloroform	5.00	5.05	101	76 - 120	
1,3-Dichlorobenzene	5.00	4.63	93	74 - 135	
1,1-Dichloroethane	5.00	4.51	90	75 - 135	
trans-1,2-Dichloroethene	5.00	4.59	92	75 - 135	
1,1-Dichloroethene	5.00	4.27	85	71 - 136	
1,2-Dichloropropane	5.00	4.50	90	71 - 120	
Ethylbenzene	5.00	4.69	94	72 - 120	
Methylene Chloride	5.00	4.80	96	54 - 141	
Tetrachloroethene	5.00	4.94	99	70 - 135	
Toluene	5.00	4.75	95	73 - 120	
1,1,1-Trichloroethane	5.00	4.97	99	70 - 135	
Trichloroethene	5.00	5.09	102	73 - 135	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	105	70 - 127
Toluene-d8 (Surr)	104	80 - 125
4-Bromofluorobenzene (Surr)	90	78 - 120
Dibromofluoromethane (Surr)	104	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-244436

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-60020-L-3 MS	Analysis Batch:	280-244436	Instrument ID:	VMS_H
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	H4573.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2014 1109			Final Weight/Volume:	20 mL
Prep Date:	09/23/2014 1109				20 mL
Leach Date:	N/A				

MSD Lab Sample ID:	280-60020-K-3 MSD	Analysis Batch:	280-244436	Instrument ID:	VMS_H
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	H4574.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2014 1131			Final Weight/Volume:	20 mL
Prep Date:	09/23/2014 1131				20 mL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	95	89	74 - 135	7	20		
Bromodichloromethane	98	91	73 - 135	7	20		
Carbon tetrachloride	114	105	67 - 135	8	21		
Chlorobenzene	95	94	76 - 135	1	20		
Chloroform	104	95	76 - 120	9	20		
1,3-Dichlorobenzene	99	95	74 - 135	4	20		
1,1-Dichloroethane	94	86	75 - 135	8	21		
trans-1,2-Dichloroethene	97	90	75 - 135	8	24		
1,1-Dichloroethene	95	84	71 - 136	12	20		
1,2-Dichloropropane	91	81	71 - 120	11	20		
Ethylbenzene	95	92	72 - 120	4	26		
Methylene Chloride	84	75	54 - 141	12	20		
Tetrachloroethene	107	100	70 - 135	7	20		
Toluene	97	92	73 - 120	5	20		
1,1,1-Trichloroethane	109	98	70 - 135	10	20		
Trichloroethene	40	16	73 - 135	2	20	E 4	E 4

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	102	99	70 - 127
Toluene-d8 (Surr)	108	107	80 - 125
4-Bromofluorobenzene (Surr)	92	90	78 - 120
Dibromofluoromethane (Surr)	105	101	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-244436

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-60020-L-3 MS	Units: ug/L	MSD Lab Sample ID:	280-60020-K-3 MSD	
Client Matrix:	Water		Client Matrix:	Water	
Dilution:	1.0		Dilution:	1.0	
Analysis Date:	09/23/2014 1109		Analysis Date:	09/23/2014 1131	
Prep Date:	09/23/2014 1109		Prep Date:	09/23/2014 1131	
Leach Date:	N/A		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	4.77		4.46	
Bromodichloromethane	0.17	U	5.00	5.00	4.88		4.54	
Carbon tetrachloride	0.19	U	5.00	5.00	5.72		5.25	
Chlorobenzene	0.17	U	5.00	5.00	4.77		4.70	
Chloroform	0.17	J	5.00	5.00	5.36		4.91	
1,3-Dichlorobenzene	0.13	U	5.00	5.00	4.96		4.75	
1,1-Dichloroethane	0.22	U	5.00	5.00	4.68		4.31	
trans-1,2-Dichloroethene	0.15	U	5.00	5.00	4.84		4.49	
1,1-Dichloroethene	0.23	U	5.00	5.00	4.74		4.20	
1,2-Dichloropropane	0.18	U	5.00	5.00	4.53		4.07	
Ethylbenzene	0.16	U	5.00	5.00	4.77		4.61	
Methylene Chloride	0.32	U	5.00	5.00	4.22		3.74	
Tetrachloroethene	0.20	U	5.00	5.00	5.36		5.01	
Toluene	0.17	U	5.00	5.00	4.87		4.61	
1,1,1-Trichloroethane	0.16	U	5.00	5.00	5.44		4.91	
Trichloroethene	65		5.00	5.00	67.0	E 4	65.8	E 4

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Method Blank - Batch: 280-244632

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-244632/6	Analysis Batch:	280-244632	Instrument ID:	VMS_H
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	H4628.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2014 0910	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 0910				
Leach Date:	N/A				

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

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Method Blank - Batch: 280-244632

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-244632/6	Analysis Batch:	280-244632	Instrument ID:	VMS_H
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	H4628.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2014 0910	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 0910				
Leach Date:	N/A				

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)	101	70 - 127
Toluene-d8 (Surr)	101	80 - 125
4-Bromofluorobenzene (Surr)	94	78 - 120
Dibromofluoromethane (Surr)	105	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Lab Control Sample - Batch: 280-244632

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 280-244632/4	Analysis Batch:	280-244632	Instrument ID:	VMS_H
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	H4627.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2014 0848	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 0848				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	5.00	4.34	87	74 - 135	
Bromodichloromethane	5.00	4.61	92	73 - 135	
Carbon tetrachloride	5.00	4.88	98	67 - 135	
Chlorobenzene	5.00	4.37	87	76 - 135	
Chloroform	5.00	4.99	100	76 - 120	
1,3-Dichlorobenzene	5.00	4.19	84	74 - 135	
1,1-Dichloroethane	5.00	4.26	85	75 - 135	
trans-1,2-Dichloroethene	5.00	4.42	88	75 - 135	
1,1-Dichloroethene	5.00	5.30	106	71 - 136	
1,2-Dichloropropane	5.00	4.21	84	71 - 120	
Ethylbenzene	5.00	4.35	87	72 - 120	
Methylene Chloride	5.00	4.96	99	54 - 141	
Tetrachloroethene	5.00	4.73	95	70 - 135	
Toluene	5.00	4.53	91	73 - 120	
1,1,1-Trichloroethane	5.00	4.67	93	70 - 135	
Trichloroethene	5.00	4.58	92	73 - 135	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	110	70 - 127
Toluene-d8 (Surr)	104	80 - 125
4-Bromofluorobenzene (Surr)	90	78 - 120
Dibromofluoromethane (Surr)	106	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-244632

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-60013-A-24 MS	Analysis Batch:	280-244632	Instrument ID:	VMS_H
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	H4632.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2014 1049			Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 1049				20 mL
Leach Date:	N/A				

MSD Lab Sample ID:	280-60013-A-24 MSD	Analysis Batch:	280-244632	Instrument ID:	VMS_H
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	H4633.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2014 1111			Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 1111				20 mL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	92	89	74 - 135	3	20		
Bromodichloromethane	95	89	73 - 135	7	20		
Carbon tetrachloride	110	101	67 - 135	8	21		
Chlorobenzene	91	88	76 - 135	3	20		
Chloroform	102	98	76 - 120	4	20		
1,3-Dichlorobenzene	96	87	74 - 135	10	20		
1,1-Dichloroethane	88	87	75 - 135	1	21		
trans-1,2-Dichloroethene	98	88	75 - 135	11	24		
1,1-Dichloroethene	113	83	71 - 136	30	20		F2
1,2-Dichloropropane	85	63	71 - 120	29	20		F1 F2
Ethylbenzene	91	90	72 - 120	2	26		
Methylene Chloride	109	90	54 - 141	19	20		
Tetrachloroethene	98	91	70 - 135	6	20		
Toluene	98	93	73 - 120	5	20		
1,1,1-Trichloroethane	102	96	70 - 135	6	20		
Trichloroethene	93	96	73 - 135	3	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	102	86	70 - 127
Toluene-d8 (Surr)	106	91	80 - 125
4-Bromofluorobenzene (Surr)	94	79	78 - 120
Dibromofluoromethane (Surr)	104	90	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-244632

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-60013-A-24 MS	Units:	ug/L	MSD Lab Sample ID:	280-60013-A-24 MSD
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/24/2014 1049			Analysis Date:	09/24/2014 1111
Prep Date:	09/24/2014 1049			Prep Date:	09/24/2014 1111
Leach Date:	N/A			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	4.62	4.47	
Bromodichloromethane	0.17	U	5.00	5.00	4.77	4.43	
Carbon tetrachloride	0.19	U	5.00	5.00	5.50	5.06	
Chlorobenzene	0.17	U	5.00	5.00	4.53	4.41	
Chloroform	0.16	U	5.00	5.00	5.11	4.91	
1,3-Dichlorobenzene	0.13	U	5.00	5.00	4.81	4.35	
1,1-Dichloroethane	0.22	U	5.00	5.00	4.40	4.33	
trans-1,2-Dichloroethene	0.15	U	5.00	5.00	4.91	4.41	
1,1-Dichloroethene	0.23	U	5.00	5.00	5.63	4.17	F2
1,2-Dichloropropane	0.18	U	5.00	5.00	4.24	3.17	F1 F2
Ethylbenzene	0.16	U	5.00	5.00	4.57	4.49	
Methylene Chloride	0.32	U	5.00	5.00	5.45	4.50	
Tetrachloroethene	0.96	J	5.00	5.00	5.85	5.52	
Toluene	0.17	U	5.00	5.00	4.88	4.66	
1,1,1-Trichloroethane	0.16	U	5.00	5.00	5.09	4.81	
Trichloroethene	0.63	J	5.00	5.00	5.26	5.41	

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Method Blank - Batch: 280-244798

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-244798/6	Analysis Batch:	280-244798	Instrument ID:	VMS_H
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	H4692.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2014 0955	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/25/2014 0955				
Leach Date:	N/A				

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

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Method Blank - Batch: 280-244798

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-244798/6	Analysis Batch:	280-244798	Instrument ID:	VMS_H
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	H4692.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2014 0955	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/25/2014 0955				
Leach Date:	N/A				

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)	101	70 - 127
Toluene-d8 (Surr)	102	80 - 125
4-Bromofluorobenzene (Surr)	95	78 - 120
Dibromofluoromethane (Surr)	107	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Lab Control Sample - Batch: 280-244798

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 280-244798/4	Analysis Batch:	280-244798	Instrument ID:	VMS_H
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	H4690.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2014 0853	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/25/2014 0853				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	5.00	4.34	87	74 - 135	
Bromodichloromethane	5.00	4.59	92	73 - 135	
Carbon tetrachloride	5.00	5.32	106	67 - 135	
Chlorobenzene	5.00	4.38	88	76 - 135	
Chloroform	5.00	4.95	99	76 - 120	
1,3-Dichlorobenzene	5.00	4.18	84	74 - 135	
1,1-Dichloroethane	5.00	4.32	86	75 - 135	
trans-1,2-Dichloroethene	5.00	4.50	90	75 - 135	
1,1-Dichloroethene	5.00	4.28	86	71 - 136	
1,2-Dichloropropane	5.00	4.08	82	71 - 120	
Ethylbenzene	5.00	4.36	87	72 - 120	
Methylene Chloride	5.00	4.13	83	54 - 141	
Tetrachloroethene	5.00	4.71	94	70 - 135	
Toluene	5.00	4.56	91	73 - 120	
1,1,1-Trichloroethane	5.00	4.90	98	70 - 135	
Trichloroethene	5.00	4.79	96	73 - 135	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	114	70 - 127
Toluene-d8 (Surr)	104	80 - 125
4-Bromofluorobenzene (Surr)	89	78 - 120
Dibromofluoromethane (Surr)	108	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-244798

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-60227-A-21 MS	Analysis Batch:	280-244798	Instrument ID:	VMS_H
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	H4696.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2014 1139			Final Weight/Volume:	20 mL
Prep Date:	09/25/2014 1139				20 mL
Leach Date:	N/A				

MSD Lab Sample ID:	280-60227-A-21 MSD	Analysis Batch:	280-244798	Instrument ID:	VMS_H
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	H4697.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2014 1201			Final Weight/Volume:	20 mL
Prep Date:	09/25/2014 1201				20 mL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	94	89	74 - 135	6	20		
Bromodichloromethane	96	90	73 - 135	6	20		
Carbon tetrachloride	118	111	67 - 135	6	21		
Chlorobenzene	94	88	76 - 135	7	20		
Chloroform	107	98	76 - 120	8	20		
1,3-Dichlorobenzene	90	84	74 - 135	7	20		
1,1-Dichloroethane	96	85	75 - 135	7	21		
trans-1,2-Dichloroethene	110	96	75 - 135	8	24		
1,1-Dichloroethene	105	117	71 - 136	10	20		
1,2-Dichloropropane	92	83	71 - 120	11	20		
Ethylbenzene	94	90	72 - 120	5	26		
Methylene Chloride	103	98	54 - 141	5	20		
Tetrachloroethene	107	100	70 - 135	7	20		
Toluene	100	93	73 - 120	8	20		
1,1,1-Trichloroethane	113	105	70 - 135	7	20		
Trichloroethene	105	97	73 - 135	8	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	119	110	70 - 127
Toluene-d8 (Surr)	114	108	80 - 125
4-Bromofluorobenzene (Surr)	96	90	78 - 120
Dibromofluoromethane (Surr)	116	108	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-244798

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-60227-A-21 MS	Units:	ug/L	MSD Lab Sample ID:	280-60227-A-21 MSD
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/25/2014 1139			Analysis Date:	09/25/2014 1201
Prep Date:	09/25/2014 1139			Prep Date:	09/25/2014 1201
Leach Date:	N/A			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	4.72	4.43
Bromodichloromethane	0.17	U	5.00	5.00	4.81	4.52
Carbon tetrachloride	0.19	U	5.00	5.00	5.89	5.55
Chlorobenzene	0.17	U	5.00	5.00	4.68	4.38
Chloroform	0.16	U	5.00	5.00	5.33	4.91
1,3-Dichlorobenzene	0.13	U	5.00	5.00	4.51	4.22
1,1-Dichloroethane	3.1		5.00	5.00	7.85	7.31
trans-1,2-Dichloroethene	3.4		5.00	5.00	8.95	8.23
1,1-Dichloroethene	0.23	J	5.00	5.00	5.50	6.09
1,2-Dichloropropane	0.18	U	5.00	5.00	4.62	4.15
Ethylbenzene	0.16	U	5.00	5.00	4.72	4.49
Methylene Chloride	0.32	U	5.00	5.00	5.16	4.92
Tetrachloroethene	0.20	U	5.00	5.00	5.35	5.01
Toluene	0.17	U	5.00	5.00	5.00	4.63
1,1,1-Trichloroethane	0.16	U	5.00	5.00	5.63	5.25
Trichloroethene	0.16	U	5.00	5.00	5.25	4.85

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Method Blank - Batch: 280-243397

Method: 8260B SIM
Preparation: 5030B

Lab Sample ID:	MB 280-243397/17	Analysis Batch:	280-243397	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E55498.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/16/2014 1204	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/16/2014 1204				
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)	92	70 - 127

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 280-243397

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-243397/15	Analysis Batch:	280-243397	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E55496.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/16/2014 1128	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/16/2014 1128				20 mL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 280-243397/16	Analysis Batch:	280-243397	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E55497.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/16/2014 1146	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/16/2014 1146				20 mL
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,4-Dioxane	81	96	25 - 141	16	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103	94	70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 280-243397

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-243397/15	Units: ug/L		LCSD Lab Sample ID:	LCSD 280-243397/16
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/16/2014 1128			Analysis Date:	09/16/2014 1146
Prep Date:	09/16/2014 1128			Prep Date:	09/16/2014 1146
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,4-Dioxane	5.00	5.00	4.06	4.78

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-243397

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID:	280-59971-2MS	Analysis Batch:	280-243397	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E55506.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/16/2014 1432			Final Weight/Volume:	20 mL
Prep Date:	09/16/2014 1432				20 mL
Leach Date:	N/A				

MSD Lab Sample ID:	280-59971-2MSD	Analysis Batch:	280-243397	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E55507.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/16/2014 1450			Final Weight/Volume:	20 mL
Prep Date:	09/16/2014 1450				20 mL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,4-Dioxane	89	93	25 - 141	4	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95	96	70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-243397

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID:	280-59971-2MS	Units:	ug/L	MSD Lab Sample ID:	280-59971-2MSD
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/16/2014 1432			Analysis Date:	09/16/2014 1450
Prep Date:	09/16/2014 1432			Prep Date:	09/16/2014 1450
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	0.51	J	5.00	5.00	4.96	5.17

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Method Blank - Batch: 280-243602

Method: 8260B SIM
Preparation: 5030B

Lab Sample ID:	MB 280-243602/5	Analysis Batch:	280-243602	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E5563.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/17/2014 1021	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/17/2014 1021				
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)	95	70 - 127

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 280-243602

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-243602/3	Analysis Batch:	280-243602	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E5561.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/17/2014 0945	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/17/2014 0945				20 mL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 280-243602/4	Analysis Batch:	280-243602	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E5562.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/17/2014 1003	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/17/2014 1003				20 mL
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,4-Dioxane	89	99	25 - 141	11	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93	92	70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 280-243602

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-243602/3	Units: ug/L		LCSD Lab Sample ID:	LCSD 280-243602/4
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/17/2014 0945			Analysis Date:	09/17/2014 1003
Prep Date:	09/17/2014 0945			Prep Date:	09/17/2014 1003
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,4-Dioxane	5.00	5.00	4.44	4.97

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-243602

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID:	280-59971-13	Analysis Batch:	280-243602	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E5568.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/17/2014 1156			Final Weight/Volume:	20 mL
Prep Date:	09/17/2014 1156				20 mL
Leach Date:	N/A				

MSD Lab Sample ID:	280-59971-13	Analysis Batch:	280-243602	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E5569.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/17/2014 1215			Final Weight/Volume:	20 mL
Prep Date:	09/17/2014 1215				20 mL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,4-Dioxane	59	59	25 - 141	0	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95	95	70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-243602

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID:	280-59971-13	Units:	ug/L	MSD Lab Sample ID:	280-59971-13
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/17/2014 1156			Analysis Date:	09/17/2014 1215
Prep Date:	09/17/2014 1156			Prep Date:	09/17/2014 1215
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	2.97	2.97

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Method Blank - Batch: 280-244189

Method: 8260B SIM
Preparation: 5030B

Lab Sample ID:	MB 280-244189/5	Analysis Batch:	280-244189	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E5674.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/22/2014 0919	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/22/2014 0919				
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)	100	70 - 127

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 280-244189

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-244189/3	Analysis Batch:	280-244189	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E5672.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/22/2014 0844	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/22/2014 0844				20 mL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 280-244189/4	Analysis Batch:	280-244189	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E5673.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/22/2014 0902	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/22/2014 0902				20 mL
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,4-Dioxane	95	99	25 - 141	4	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	108	103	70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 280-244189

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-244189/3	Units: ug/L		LCSD Lab Sample ID:	LCSD 280-244189/4
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/22/2014 0844			Analysis Date:	09/22/2014 0902
Prep Date:	09/22/2014 0844			Prep Date:	09/22/2014 0902
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,4-Dioxane	5.00	5.00	4.75	4.93

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-244189

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID:	280-60227-B-2 MS	Analysis Batch:	280-244189	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E5680.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/22/2014 1114			Final Weight/Volume:	20 mL
Prep Date:	09/22/2014 1114				20 mL
Leach Date:	N/A				

MSD Lab Sample ID:	280-60227-B-2 MSD	Analysis Batch:	280-244189	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E5681.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/22/2014 1132			Final Weight/Volume:	20 mL
Prep Date:	09/22/2014 1132				20 mL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,4-Dioxane	94	103	25 - 141	6	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	109	106	70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-244189

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID:	280-60227-B-2 MS	Units: ug/L	MSD Lab Sample ID:	280-60227-B-2 MSD	
Client Matrix:	Water		Client Matrix:	Water	
Dilution:	1.0		Dilution:	1.0	
Analysis Date:	09/22/2014 1114		Analysis Date:	09/22/2014 1132	
Prep Date:	09/22/2014 1114		Prep Date:	09/22/2014 1132	
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	3.0	5.00	5.00	7.73	8.18

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:280-243397					
LCS 280-243397/15	Lab Control Sample	T	Water	8260B SIM	
LCSD 280-243397/16	Lab Control Sample Duplicate	T	Water	8260B SIM	
MB 280-243397/17	Method Blank	T	Water	8260B SIM	
280-59971-1	PIN12-0565-1	T	Water	8260B SIM	
280-59971-2	PIN12-0565-2	T	Water	8260B SIM	
280-59971-2MSMS	Matrix Spike	T	Water	8260B SIM	
280-59971-2MSDMSD	Matrix Spike Duplicate	T	Water	8260B SIM	
280-59971-3	PIN12-0565-3	T	Water	8260B SIM	
280-59971-4	PIN12-0573-1	T	Water	8260B SIM	
280-59971-5	PIN12-0573-2	T	Water	8260B SIM	
280-59971-6	PIN12-0573-3	T	Water	8260B SIM	
280-59971-7	PIN12-0574-1	T	Water	8260B SIM	
280-59971-8	PIN12-0574-2	T	Water	8260B SIM	
280-59971-9	PIN12-0574-3	T	Water	8260B SIM	
280-59971-10	PIN12-0575-1	T	Water	8260B SIM	
280-59971-11	PIN12-0575-2	T	Water	8260B SIM	
Analysis Batch:280-243602					
LCS 280-243602/3	Lab Control Sample	T	Water	8260B SIM	
LCSD 280-243602/4	Lab Control Sample Duplicate	T	Water	8260B SIM	
MB 280-243602/5	Method Blank	T	Water	8260B SIM	
280-59971-13	PIN12-S30B	T	Water	8260B SIM	
280-59971-13MS	Matrix Spike	T	Water	8260B SIM	
280-59971-13MSD	Matrix Spike Duplicate	T	Water	8260B SIM	
280-59971-14	PIN12-S33C	T	Water	8260B SIM	
280-59971-20	PIN12-0554B	T	Water	8260B SIM	
280-59971-21	PIN12-0555A	T	Water	8260B SIM	
280-59971-22	PIN12-0555B	T	Water	8260B SIM	
280-59971-23	PIN12-0555C	T	Water	8260B SIM	

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:280-244139					
LCS 280-244139/4	Lab Control Sample	T	Water	8260B	
MB 280-244139/6	Method Blank	T	Water	8260B	
280-59971-1	PIN12-0565-1	T	Water	8260B	
280-59971-1MS	Matrix Spike	T	Water	8260B	
280-59971-1MSD	Matrix Spike Duplicate	T	Water	8260B	
280-59971-2	PIN12-0565-2	T	Water	8260B	
280-59971-3	PIN12-0565-3	T	Water	8260B	
280-59971-4	PIN12-0573-1	T	Water	8260B	
280-59971-5	PIN12-0573-2	T	Water	8260B	
280-59971-6	PIN12-0573-3	T	Water	8260B	
280-59971-7	PIN12-0574-1	T	Water	8260B	
280-59971-8	PIN12-0574-2	T	Water	8260B	
280-59971-9	PIN12-0574-3	T	Water	8260B	
280-59971-10	PIN12-0575-1	T	Water	8260B	
280-59971-11	PIN12-0575-2	T	Water	8260B	
Analysis Batch:280-244189					
LCS 280-244189/3	Lab Control Sample	T	Water	8260B SIM	
LCSD 280-244189/4	Lab Control Sample Duplicate	T	Water	8260B SIM	
MB 280-244189/5	Method Blank	T	Water	8260B SIM	
280-59971-15	PIN12-S35B	T	Water	8260B SIM	
280-59971-16	PIN12-S67B	T	Water	8260B SIM	
280-59971-17	PIN12-S67C	T	Water	8260B SIM	
280-59971-18	PIN12-S67D	T	Water	8260B SIM	
280-59971-19	PIN12-0554A	T	Water	8260B SIM	
280-60227-B-2 MS	Matrix Spike	T	Water	8260B SIM	
280-60227-B-2 MSD	Matrix Spike Duplicate	T	Water	8260B SIM	
Analysis Batch:280-244427					
LCS 280-244427/15	Lab Control Sample	T	Water	8260B	
MB 280-244427/16	Method Blank	T	Water	8260B	
280-59857-H-4 MS	Matrix Spike	T	Water	8260B	
280-59857-H-4 MSD	Matrix Spike Duplicate	T	Water	8260B	
280-59971-17	PIN12-S67C	T	Water	8260B	
280-59971-17DL	PIN12-S67C	T	Water	8260B	
280-59971-18	PIN12-S67D	T	Water	8260B	
280-59971-19	PIN12-0554A	T	Water	8260B	
280-59971-20	PIN12-0554B	T	Water	8260B	
280-59971-21	PIN12-0555A	T	Water	8260B	
280-59971-22	PIN12-0555B	T	Water	8260B	
280-59971-23	PIN12-0555C	T	Water	8260B	
280-59971-24	PIN99-2202	T	Water	8260B	

Client: S.M. Stoller Corporation

Job Number: 280-59971-1
Sdg Number: 14086435

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:280-244436					
LCS 280-244436/4	Lab Control Sample	T	Water	8260B	
MB 280-244436/6	Method Blank	T	Water	8260B	
280-59971-12	PIN99-2198	T	Water	8260B	
280-59971-13	PIN12-S30B	T	Water	8260B	
280-59971-14DL	PIN12-S33C	T	Water	8260B	
280-59971-15	PIN12-S35B	T	Water	8260B	
280-59971-15DL	PIN12-S35B	T	Water	8260B	
280-60020-L-3 MS	Matrix Spike	T	Water	8260B	
280-60020-K-3 MSD	Matrix Spike Duplicate	T	Water	8260B	
Analysis Batch:280-244632					
LCS 280-244632/4	Lab Control Sample	T	Water	8260B	
MB 280-244632/6	Method Blank	T	Water	8260B	
280-59971-14	PIN12-S33C	T	Water	8260B	
280-59971-16DL	PIN12-S67B	T	Water	8260B	
280-60013-A-24 MS	Matrix Spike	T	Water	8260B	
280-60013-A-24 MSD	Matrix Spike Duplicate	T	Water	8260B	
Analysis Batch:280-244798					
LCS 280-244798/4	Lab Control Sample	T	Water	8260B	
MB 280-244798/6	Method Blank	T	Water	8260B	
280-59971-16	PIN12-S67B	T	Water	8260B	
280-60227-A-21 MS	Matrix Spike	T	Water	8260B	
280-60227-A-21 MSD	Matrix Spike Duplicate	T	Water	8260B	

Report Basis
T = Total

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 280-60227-1

SDG Number: 14086435

Job Description: PINELLAS MONITORING

For:
S.M. Stoller Corporation
2597 Legacy Way
Grand Junction, CO 81503

Attention: Mr. Steve Donivan

Approved for release.
DiLea R Bindel
Project Manager I
10/8/2014 5:09 PM

DiLea R Bindel, Project Manager I
4955 Yarrow Street, Arvada, CO, 80002
(303)736-0173
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10/08/2014

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.

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 - 14086435

Report Number: 280-60227-1

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.

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.

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.

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 9/19/2014 9:25 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 3 coolers at receipt time were 0.2º C, 1.7º C and 2.1º C.

The chain-of-custody indicates that four containers were submitted for sample PIN12-0582-2 (MJS 873) requesting VOA, Dioxane analysis; however, only two containers were received at the laboratory. Sufficient volume was received to proceed with the requested Volatile analysis. The client was notified on 9/23/2014.

The chain-of-custody indicates that four containers were submitted for sample PIN12-0539 (MJS 847) requesting VOA, Dioxane analysis; however, only three containers were received at the laboratory. Sufficient volume was received to proceed with the requested Volatile analysis. The client was notified on 9/23/2014.

The laboratory noted that the samples listed on the chain-of-custody under the signature line were almost missed. In order to avoid missing any of the samples listed on the chains-of-custody, the client was advised to make sure all of the samples are listed on the chains-of-custody above the signature lines. The client was notified on 9/23/2014.

GC/MS VOLATILES - SW846 8260B

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

Samples PIN12-0524 (MJS 845), PIN12-0525 (MJS 846) exhibited surrogate recoveries outside the control limits, biased high, for 1,2-Dichloroethane-d4 in the initial volume aliquot. As no detectable concentrations are present at levels greater than the reporting limits in the samples, corrective action is deemed unnecessary.

Methylene Chloride, a common laboratory contaminant, was detected in the method blanks associated with batches 280-244637 and 280-245007, at levels that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged “J”. If the associated samples reported a result above the MDL and/or RL, the result has been “B” flagged.

The accuracy and precision of 1-Dichloroethene and Trichloroethene in the MS/MSD associated with batch 280-245912 could not be reliably evaluated, as the concentration present in the parent sample was 4 times greater than the matrix spike concentration. 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 280-244637 exhibited percent recoveries outside the control limits, biased high, for some analytes. 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 above or in the Definitions/Glossary page.

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

In some cases, due to high concentrations of target analytes, samples had to be analyzed using reduced aliquot sizes. The reporting limits have been elevated accordingly.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

DATA REPORTING QUALIFIERS

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

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.
	F1	MS and/or MSD Recovery exceeds the control 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.
	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

SAMPLE SUMMARY

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
280-60227-1	PIN12-0524	Water	09/13/2014 1211	09/19/2014 0925
280-60227-2	PIN12-0525	Water	09/13/2014 1123	09/19/2014 0925
280-60227-3	PIN12-0541	Water	09/15/2014 0910	09/19/2014 0925
280-60227-4	PIN12-0542	Water	09/15/2014 0950	09/19/2014 0925
280-60227-5	PIN12-0549	Water	09/15/2014 1055	09/19/2014 0925
280-60227-6	PIN12-0554C	Water	09/15/2014 0830	09/19/2014 0925
280-60227-7	PIN12-0581-1	Water	09/15/2014 1130	09/19/2014 0925
280-60227-8	PIN12-0581-2	Water	09/15/2014 1202	09/19/2014 0925
280-60227-9	PIN12-0581-3	Water	09/15/2014 1252	09/19/2014 0925
280-60227-10	PIN12-0582-1	Water	09/15/2014 1346	09/19/2014 0925
280-60227-11	PIN12-0582-2	Water	09/15/2014 1439	09/19/2014 0925
280-60227-12	PIN12-0582-3	Water	09/15/2014 1544	09/19/2014 0925
280-60227-13	PIN12-0585-1	Water	09/13/2014 1315	09/19/2014 0925
280-60227-14	PIN12-0585-2	Water	09/13/2014 1405	09/19/2014 0925
280-60227-15	PIN99-2203	Water	09/13/2014 0800	09/19/2014 0925
280-60227-16	PIN12-2451	Water	09/15/2014 1200	09/19/2014 0925
280-60227-17	PIN12-0539	Water	09/16/2014 1300	09/19/2014 0925
280-60227-18	PIN12-0540	Water	09/16/2014 1345	09/19/2014 0925
280-60227-19	PIN12-0580-1	Water	09/16/2014 1430	09/19/2014 0925
280-60227-20	PIN12-0580-2	Water	09/16/2014 1505	09/19/2014 0925
280-60227-75MSMS	PIN12-2454	Water	09/18/2014 1200	09/19/2014 0925
280-60227-75MSDMSD	PIN12-2454	Water	09/18/2014 1200	09/19/2014 0925

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-60227-1	**PIN12-0524**					
Benzene		1.3	J	2.0	ug/L	8260B
cis-1,2-Dichloroethene		500		20	ug/L	8260B
trans-1,2-Dichloroethene		4.4		2.0	ug/L	8260B
1,1-Dichloroethene		9.8		2.0	ug/L	8260B
Methylene Chloride		1.0	J B	2.0	ug/L	8260B
Vinyl chloride		370		20	ug/L	8260B
1,4-Dioxane		1.6		1.0	ug/L	8260B SIM
280-60227-2	**PIN12-0525**					
cis-1,2-Dichloroethene		1.1		1.0	ug/L	8260B
1,4-Dioxane		3.0		1.0	ug/L	8260B SIM
280-60227-3	**PIN12-0541**					
1,4-Dioxane		0.67	J	1.0	ug/L	8260B SIM
280-60227-4	**PIN12-0542**					
cis-1,2-Dichloroethene		0.32	J	1.0	ug/L	8260B
1,4-Dioxane		1.7		1.0	ug/L	8260B SIM
280-60227-5	**PIN12-0549**					
1,1-Dichloroethane		0.45	J	1.0	ug/L	8260B
cis-1,2-Dichloroethene		0.27	J	1.0	ug/L	8260B
1,4-Dioxane		4.7		1.0	ug/L	8260B SIM
280-60227-6	**PIN12-0554C**					
1,1-Dichloroethane		47		1.0	ug/L	8260B
cis-1,2-Dichloroethene		15		1.0	ug/L	8260B
trans-1,2-Dichloroethene		4.8		1.0	ug/L	8260B
1,1-Dichloroethene		0.67	J	1.0	ug/L	8260B
Vinyl chloride		51		1.0	ug/L	8260B
1,4-Dioxane		49		10	ug/L	8260B SIM
280-60227-8	**PIN12-0581-2**					
1,1-Dichloroethane		3.6		1.0	ug/L	8260B
cis-1,2-Dichloroethene		1.7		1.0	ug/L	8260B
Vinyl chloride		3.4		1.0	ug/L	8260B
1,4-Dioxane		9.5		1.0	ug/L	8260B SIM

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-60227-9	**PIN12-0581-3**					
Acetone		14		10	ug/L	8260B
1,1-Dichloroethane		1.1		1.0	ug/L	8260B
cis-1,2-Dichloroethene		0.63	J	1.0	ug/L	8260B
1,4-Dioxane		4.2		1.0	ug/L	8260B SIM
280-60227-11	**PIN12-0582-2**					
1,1-Dichloroethane		36		1.0	ug/L	8260B
cis-1,2-Dichloroethene		21		1.0	ug/L	8260B
trans-1,2-Dichloroethene		5.3		1.0	ug/L	8260B
1,1-Dichloroethene		0.35	J	1.0	ug/L	8260B
Vinyl chloride		250		10	ug/L	8260B
1,4-Dioxane		290		40	ug/L	8260B SIM
280-60227-12	**PIN12-0582-3**					
Acetone		7.7	J	10	ug/L	8260B
1,1-Dichloroethane		0.54	J	1.0	ug/L	8260B
cis-1,2-Dichloroethene		0.89	J	1.0	ug/L	8260B
Vinyl chloride		3.3		1.0	ug/L	8260B
1,4-Dioxane		3.3		1.0	ug/L	8260B SIM
280-60227-13	**PIN12-0585-1**					
Acetone		4.9	J	10	ug/L	8260B
cis-1,2-Dichloroethene		1.2		1.0	ug/L	8260B
1,4-Dioxane		3.8		1.0	ug/L	8260B SIM
280-60227-14	**PIN12-0585-2**					
cis-1,2-Dichloroethene		6300		200	ug/L	8260B
trans-1,2-Dichloroethene		59		10	ug/L	8260B
1,1-Dichloroethene		540		10	ug/L	8260B
Methylene Chloride		5.9	J B	10	ug/L	8260B
Toluene		2.0	J	10	ug/L	8260B
Trichloroethene		1700		200	ug/L	8260B
Vinyl chloride		900		200	ug/L	8260B
1,4-Dioxane		4.6		2.0	ug/L	8260B SIM
280-60227-15	**PIN99-2203**					
Methylene Chloride		0.48	J B	1.0	ug/L	8260B

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-60227-16	**PIN12-2451**					
1,1-Dichloroethane		3.3		1.0	ug/L	8260B
cis-1,2-Dichloroethene		1.6		1.0	ug/L	8260B
Vinyl chloride		3.4		1.0	ug/L	8260B
1,4-Dioxane		9.1		1.0	ug/L	8260B SIM
280-60227-17	**PIN12-0539**					
trans-1,2-Dichloroethene		0.16	J	1.0	ug/L	8260B
280-60227-18	**PIN12-0540**					
1,1-Dichloroethane		12		1.0	ug/L	8260B
cis-1,2-Dichloroethene		18		1.0	ug/L	8260B
trans-1,2-Dichloroethene		11		1.0	ug/L	8260B
1,1-Dichloroethene		0.41	J	1.0	ug/L	8260B
Vinyl chloride		260		10	ug/L	8260B
1,4-Dioxane		190		20	ug/L	8260B SIM
280-60227-19	**PIN12-0580-1**					
Acetone		4.9	J	10	ug/L	8260B
280-60227-20	**PIN12-0580-2**					
Acetone		7.9	J	10	ug/L	8260B
1,1-Dichloroethane		3.7		1.0	ug/L	8260B
cis-1,2-Dichloroethene		17		1.0	ug/L	8260B
trans-1,2-Dichloroethene		6.7		1.0	ug/L	8260B
Vinyl chloride		170		10	ug/L	8260B
1,4-Dioxane		150		20	ug/L	8260B SIM

METHOD SUMMARY

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

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: 280-60227-1
Sdg Number: 14086435

Method	Analyst	Analyst ID
SW846 8260B	Moan, Matthew R	MRM
SW846 8260B	Seifert, Judy L	JLS
SW846 8260B	Wickham, Tom A	TAW
SW846 8260B SIM	Moan, Matthew R	MRM

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Client Sample ID: **PIN12-0524**

Lab Sample ID: 280-60227-1
Client Matrix: Water

Date Sampled: 09/13/2014 1211
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244637	Instrument ID:	VMS_P
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P5538.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	09/24/2014 1807			Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 1807				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	3.8	U	3.8	20
Benzene	1.3	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	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
trans-1,2-Dichloroethene	4.4		0.30	2.0
1,1-Dichloroethene	9.8		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	1.0	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
Styrene	0.34	U	0.34	2.0

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Client Sample ID: **PIN12-0524**

Lab Sample ID: 280-60227-1
Client Matrix: Water

Date Sampled: 09/13/2014 1211
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244637	Instrument ID:	VMS_P
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P5538.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	09/24/2014 1807			Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 1807				

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	0.34	U	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)	128	X	70 - 127
Toluene-d8 (Surr)	99		80 - 125
4-Bromofluorobenzene (Surr)	102		78 - 120
Dibromofluoromethane (Surr)	111		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Client Sample ID: **PIN12-0524**

Lab Sample ID: 280-60227-1
Client Matrix: Water

Date Sampled: 09/13/2014 1211
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244637	Instrument ID:	VMS_P
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P5539.D
Dilution:	1.0			Initial Weight/Volume:	1 mL
Analysis Date:	09/24/2014 1827	Run Type:	DL	Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 1827				

Analyte	Result (ug/L)	Qualifier	MDL	RL
cis-1,2-Dichloroethene	500		3.0	20
Vinyl chloride	370		2.0	20

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	126		70 - 127
Toluene-d8 (Surr)	101		80 - 125
4-Bromofluorobenzene (Surr)	105		78 - 120
Dibromofluoromethane (Surr)	111		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Client Sample ID: **PIN12-0525**

Lab Sample ID: 280-60227-2
Client Matrix: Water

Date Sampled: 09/13/2014 1123
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244637	Instrument ID:	VMS_P
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P5540.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2014 1847			Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 1847				

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

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Client Sample ID: **PIN12-0525**

Lab Sample ID: 280-60227-2
Client Matrix: Water

Date Sampled: 09/13/2014 1123
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244637	Instrument ID:	VMS_P
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P5540.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2014 1847			Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 1847				

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)	131	X	70 - 127
Toluene-d8 (Surr)	101		80 - 125
4-Bromofluorobenzene (Surr)	106		78 - 120
Dibromofluoromethane (Surr)	115		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Client Sample ID: **PIN12-0541**

Lab Sample ID: 280-60227-3
Client Matrix: Water

Date Sampled: 09/15/2014 0910
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244629	Instrument ID:	VMS_Z
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Z0865.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2014 1353			Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 1353				

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

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Client Sample ID: **PIN12-0541**

Lab Sample ID: 280-60227-3
Client Matrix: Water

Date Sampled: 09/15/2014 0910
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244629	Instrument ID:	VMS_Z
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Z0865.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2014 1353			Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 1353				

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)	91		80 - 125
4-Bromofluorobenzene (Surr)	94		78 - 120
Dibromofluoromethane (Surr)	77		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Client Sample ID: **PIN12-0542**

Lab Sample ID: 280-60227-4
Client Matrix: Water

Date Sampled: 09/15/2014 0950
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244629	Instrument ID:	VMS_Z
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Z0866.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2014 1416			Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 1416				

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	0.32	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

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Client Sample ID: **PIN12-0542**

Lab Sample ID: 280-60227-4
Client Matrix: Water

Date Sampled: 09/15/2014 0950
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244629	Instrument ID:	VMS_Z
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Z0866.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2014 1416			Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 1416				

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)	84		70 - 127
Toluene-d8 (Surr)	95		80 - 125
4-Bromofluorobenzene (Surr)	99		78 - 120
Dibromofluoromethane (Surr)	84		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Client Sample ID: **PIN12-0549**

Lab Sample ID: 280-60227-5
Client Matrix: Water

Date Sampled: 09/15/2014 1055
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244629	Instrument ID:	VMS_Z
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Z0867.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2014 1440			Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 1440				

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	0.45	J	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

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Client Sample ID: **PIN12-0549**

Lab Sample ID: 280-60227-5
Client Matrix: Water

Date Sampled: 09/15/2014 1055
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244629	Instrument ID:	VMS_Z
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Z0867.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2014 1440			Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 1440				

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)	85		70 - 127
Toluene-d8 (Surr)	95		80 - 125
4-Bromofluorobenzene (Surr)	97		78 - 120
Dibromofluoromethane (Surr)	83		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Client Sample ID: **PIN12-0554C**

Lab Sample ID: 280-60227-6
Client Matrix: Water

Date Sampled: 09/15/2014 0830
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244629	Instrument ID:	VMS_Z
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Z0868.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2014 1503			Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 1503				

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	47		0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	15		0.15	1.0
trans-1,2-Dichloroethene	4.8		0.15	1.0
1,1-Dichloroethene	0.67	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

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Client Sample ID: **PIN12-0554C**

Lab Sample ID: 280-60227-6
Client Matrix: Water

Date Sampled: 09/15/2014 0830
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244629	Instrument ID:	VMS_Z
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Z0868.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2014 1503			Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 1503				

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	51		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)	95		80 - 125
4-Bromofluorobenzene (Surr)	100		78 - 120
Dibromofluoromethane (Surr)	84		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Client Sample ID: **PIN12-0581-1**

Lab Sample ID: 280-60227-7
Client Matrix: Water

Date Sampled: 09/15/2014 1130
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244629	Instrument ID:	VMS_Z
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Z0870.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2014 1550			Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 1550				

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

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Client Sample ID: **PIN12-0581-1**

Lab Sample ID: 280-60227-7
Client Matrix: Water

Date Sampled: 09/15/2014 1130
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244629	Instrument ID:	VMS_Z
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Z0870.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2014 1550			Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 1550				

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)	82		70 - 127
Toluene-d8 (Surr)	95		80 - 125
4-Bromofluorobenzene (Surr)	98		78 - 120
Dibromofluoromethane (Surr)	82		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Client Sample ID: **PIN12-0581-2**

Lab Sample ID: 280-60227-8
Client Matrix: Water

Date Sampled: 09/15/2014 1202
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244629	Instrument ID:	VMS_Z
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Z0871.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2014 1614			Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 1614				

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	3.6		0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	1.7		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

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Client Sample ID: **PIN12-0581-2**

Lab Sample ID: 280-60227-8
Client Matrix: Water

Date Sampled: 09/15/2014 1202
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244629	Instrument ID:	VMS_Z
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Z0871.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2014 1614			Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 1614				

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	3.4		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)	85		70 - 127
Toluene-d8 (Surr)	94		80 - 125
4-Bromofluorobenzene (Surr)	98		78 - 120
Dibromofluoromethane (Surr)	84		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Client Sample ID: **PIN12-0581-3**

Lab Sample ID: 280-60227-9
Client Matrix: Water

Date Sampled: 09/15/2014 1252
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244629	Instrument ID:	VMS_Z
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Z0872.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2014 1637			Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 1637				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	14		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	1.1		0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.63	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

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Client Sample ID: **PIN12-0581-3**

Lab Sample ID: 280-60227-9
Client Matrix: Water

Date Sampled: 09/15/2014 1252
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244629	Instrument ID:	VMS_Z
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Z0872.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2014 1637			Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 1637				

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)	90		70 - 127
Toluene-d8 (Surr)	100		80 - 125
4-Bromofluorobenzene (Surr)	102		78 - 120
Dibromofluoromethane (Surr)	88		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Client Sample ID: **PIN12-0582-1**

Lab Sample ID: 280-60227-10
Client Matrix: Water

Date Sampled: 09/15/2014 1346
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244629	Instrument ID:	VMS_Z
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Z0873.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2014 1701			Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 1701				

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

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Client Sample ID: **PIN12-0582-1**

Lab Sample ID: 280-60227-10
Client Matrix: Water

Date Sampled: 09/15/2014 1346
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244629	Instrument ID:	VMS_Z
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Z0873.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2014 1701			Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 1701				

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)	86		70 - 127
Toluene-d8 (Surr)	96		80 - 125
4-Bromofluorobenzene (Surr)	99		78 - 120
Dibromofluoromethane (Surr)	85		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Client Sample ID: **PIN12-0582-2**

Lab Sample ID: 280-60227-11
Client Matrix: Water

Date Sampled: 09/15/2014 1439
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244629	Instrument ID:	VMS_Z
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Z0874.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2014 1724			Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 1724				

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	36		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	5.3		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

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Client Sample ID: **PIN12-0582-2**

Lab Sample ID: 280-60227-11
Client Matrix: Water

Date Sampled: 09/15/2014 1439
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244629	Instrument ID:	VMS_Z
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Z0874.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2014 1724			Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 1724				

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)	89		70 - 127
Toluene-d8 (Surr)	97		80 - 125
4-Bromofluorobenzene (Surr)	101		78 - 120
Dibromofluoromethane (Surr)	86		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Client Sample ID: **PIN12-0582-2**

Lab Sample ID: 280-60227-11
Client Matrix: Water

Date Sampled: 09/15/2014 1439
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244799	Instrument ID:	VMS_Z
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Z0918.D
Dilution:	1.0			Initial Weight/Volume:	2 mL
Analysis Date:	09/25/2014 1132	Run Type:	DL	Final Weight/Volume:	20 mL
Prep Date:	09/25/2014 1132				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	250		1.0	10

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	80		70 - 127
Toluene-d8 (Surr)	99		80 - 125
4-Bromofluorobenzene (Surr)	102		78 - 120
Dibromofluoromethane (Surr)	83		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Client Sample ID: **PIN12-0582-3**

Lab Sample ID: 280-60227-12
Client Matrix: Water

Date Sampled: 09/15/2014 1544
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244629	Instrument ID:	VMS_Z
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Z0876.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2014 1812			Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 1812				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	7.7	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	0.54	J	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.89	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

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Client Sample ID: **PIN12-0582-3**

Lab Sample ID: 280-60227-12
Client Matrix: Water

Date Sampled: 09/15/2014 1544
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244629	Instrument ID:	VMS_Z
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Z0876.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2014 1812			Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 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	3.3		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)	91		70 - 127
Toluene-d8 (Surr)	93		80 - 125
4-Bromofluorobenzene (Surr)	95		78 - 120
Dibromofluoromethane (Surr)	83		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Client Sample ID: **PIN12-0585-1**

Lab Sample ID: 280-60227-13
Client Matrix: Water

Date Sampled: 09/13/2014 1315
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244637	Instrument ID:	VMS_P
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P5520.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2014 1213			Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 1213				

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	1.2		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

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Client Sample ID: **PIN12-0585-1**

Lab Sample ID: 280-60227-13
Client Matrix: Water

Date Sampled: 09/13/2014 1315
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244637	Instrument ID:	VMS_P
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P5520.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2014 1213			Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 1213				

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)	101		80 - 125
4-Bromofluorobenzene (Surr)	103		78 - 120
Dibromofluoromethane (Surr)	101		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Client Sample ID: **PIN12-0585-2**

Lab Sample ID: 280-60227-14
Client Matrix: Water

Date Sampled: 09/13/2014 1405
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244637	Instrument ID:	VMS_P
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P5521.D
Dilution:	1.0			Initial Weight/Volume:	2 mL
Analysis Date:	09/24/2014 1233			Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 1233				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	19	U	19	100
Benzene	1.6	U	1.6	10
Bromobenzene	1.7	U	1.7	10
Bromochloromethane	1.0	U	1.0	10
Bromodichloromethane	1.7	U	1.7	10
Bromoform	1.9	U	1.9	10
Bromomethane	2.1	U	2.1	10
2-Butanone (MEK)	20	U	20	50
n-Butylbenzene	3.2	U	3.2	10
sec-Butylbenzene	1.7	U	1.7	10
tert-Butylbenzene	1.6	U	1.6	10
Carbon disulfide	4.5	U	4.5	10
Carbon tetrachloride	1.9	U	1.9	10
Chlorobenzene	1.7	U	1.7	10
Dibromochloromethane	1.7	U	1.7	10
Chloroethane	4.1	U	4.1	10
Chloroform	1.6	U	1.6	10
Chloromethane	3.0	U	3.0	10
2-Chlorotoluene	1.7	U	1.7	10
4-Chlorotoluene	2.1	U	2.1	10
1,2-Dibromo-3-Chloropropane	4.7	U	4.7	10
Dibromomethane	1.7	U	1.7	10
1,2-Dichlorobenzene	1.5	U	1.5	10
1,3-Dichlorobenzene	1.3	U	1.3	10
1,4-Dichlorobenzene	1.6	U	1.6	10
Dichlorodifluoromethane	3.1	U	3.1	10
1,1-Dichloroethane	2.2	U	2.2	10
1,2-Dichloroethane	1.3	U	1.3	10
trans-1,2-Dichloroethene	59		1.5	10
1,1-Dichloroethene	540		2.3	10
1,2-Dichloropropane	1.8	U	1.8	10
1,3-Dichloropropane	2.2	U	2.2	10
2,2-Dichloropropane	1.8	U	1.8	10
cis-1,3-Dichloropropene	1.6	U	1.6	10
trans-1,3-Dichloropropene	1.9	U	1.9	10
1,1-Dichloropropene	1.9	U	1.9	10
Ethylbenzene	1.6	U	1.6	10
Hexachlorobutadiene	3.6	U	3.6	10
2-Hexanone	17	U	17	50
Isopropylbenzene	1.9	U	1.9	10
4-Isopropyltoluene	2.0	U	2.0	10
Methylene Chloride	5.9	J B	3.2	10
4-Methyl-2-pentanone	9.8	U	9.8	50
Naphthalene	2.2	U	2.2	10
n-Propylbenzene	1.6	U	1.6	10
Styrene	1.7	U	1.7	10

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Client Sample ID: **PIN12-0585-2**

Lab Sample ID: 280-60227-14
Client Matrix: Water

Date Sampled: 09/13/2014 1405
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244637	Instrument ID:	VMS_P
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P5521.D
Dilution:	1.0			Initial Weight/Volume:	2 mL
Analysis Date:	09/24/2014 1233			Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 1233				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1,2-Tetrachloroethane	2.1	U	2.1	10
1,1,2,2-Tetrachloroethane	2.1	U	2.1	10
Tetrachloroethene	2.0	U	2.0	10
Toluene	2.0	J	1.7	10
1,2,3-Trichlorobenzene	2.1	U	2.1	10
1,2,4-Trichlorobenzene	2.1	U	2.1	10
1,1,1-Trichloroethane	1.6	U	1.6	10
1,1,2-Trichloroethane	2.7	U	2.7	10
Trichlorofluoromethane	2.9	U	2.9	10
1,2,3-Trichloropropane	3.3	U	3.3	10
1,2,4-Trimethylbenzene	1.5	U	1.5	10
1,3,5-Trimethylbenzene	1.6	U	1.6	10
Xylenes, Total	1.9	U	1.9	10
1,2-Dibromoethane	1.8	U	1.8	10

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	107		70 - 127
Toluene-d8 (Surr)	105		80 - 125
4-Bromofluorobenzene (Surr)	108		78 - 120
Dibromofluoromethane (Surr)	103		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Client Sample ID: **PIN12-0585-2**

Lab Sample ID: 280-60227-14
Client Matrix: Water

Date Sampled: 09/13/2014 1405
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-245007	Instrument ID:	VMS_P
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P5667.D
Dilution:	1.0			Initial Weight/Volume:	0.1 mL
Analysis Date:	09/26/2014 1839	Run Type:	DL	Final Weight/Volume:	20 mL
Prep Date:	09/26/2014 1839				

Analyte	Result (ug/L)	Qualifier	MDL	RL
cis-1,2-Dichloroethene	6300		30	200
Trichloroethene	1700		32	200
Vinyl chloride	900		20	200

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	85		70 - 127
Toluene-d8 (Surr)	99		80 - 125
4-Bromofluorobenzene (Surr)	89		78 - 120
Dibromofluoromethane (Surr)	93		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Client Sample ID: **PIN99-2203**

Lab Sample ID: 280-60227-15
Client Matrix: Water

Date Sampled: 09/13/2014 0800
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244637	Instrument ID:	VMS_P
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P5523.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2014 1312			Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 1312				

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	0.48	J B	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

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Client Sample ID: **PIN99-2203**

Lab Sample ID: 280-60227-15
Client Matrix: Water

Date Sampled: 09/13/2014 0800
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244637	Instrument ID:	VMS_P
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P5523.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2014 1312			Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 1312				

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)	99		80 - 125
4-Bromofluorobenzene (Surr)	103		78 - 120
Dibromofluoromethane (Surr)	105		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Client Sample ID: **PIN12-2451**

Lab Sample ID: 280-60227-16
Client Matrix: Water

Date Sampled: 09/15/2014 1200
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244629	Instrument ID:	VMS_Z
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Z0877.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2014 1835			Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 1835				

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	3.3		0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	1.6		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

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Client Sample ID: **PIN12-2451**

Lab Sample ID: 280-60227-16
Client Matrix: Water

Date Sampled: 09/15/2014 1200
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244629	Instrument ID:	VMS_Z
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Z0877.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2014 1835			Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 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	3.4		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)	84		70 - 127
Toluene-d8 (Surr)	95		80 - 125
4-Bromofluorobenzene (Surr)	98		78 - 120
Dibromofluoromethane (Surr)	84		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Client Sample ID: **PIN12-0539**

Lab Sample ID: 280-60227-17
Client Matrix: Water

Date Sampled: 09/16/2014 1300
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244629	Instrument ID:	VMS_Z
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Z0878.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2014 1859			Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 1859				

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	0.16	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

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Client Sample ID: **PIN12-0539**

Lab Sample ID: 280-60227-17
Client Matrix: Water

Date Sampled: 09/16/2014 1300
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244629	Instrument ID:	VMS_Z
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Z0878.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2014 1859			Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 1859				

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)	86		70 - 127
Toluene-d8 (Surr)	98		80 - 125
4-Bromofluorobenzene (Surr)	100		78 - 120
Dibromofluoromethane (Surr)	86		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Client Sample ID: **PIN12-0540**

Lab Sample ID: 280-60227-18
Client Matrix: Water

Date Sampled: 09/16/2014 1345
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244798	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H4698.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2014 1223			Final Weight/Volume:	20 mL
Prep Date:	09/25/2014 1223				

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	12		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	11		0.15	1.0
1,1-Dichloroethene	0.41	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

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Client Sample ID: **PIN12-0540**

Lab Sample ID: 280-60227-18
Client Matrix: Water

Date Sampled: 09/16/2014 1345
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244798	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H4698.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2014 1223			Final Weight/Volume:	20 mL
Prep Date:	09/25/2014 1223				

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)	112		70 - 127
Toluene-d8 (Surr)	104		80 - 125
4-Bromofluorobenzene (Surr)	93		78 - 120
Dibromofluoromethane (Surr)	109		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Client Sample ID: **PIN12-0540**

Lab Sample ID: 280-60227-18
Client Matrix: Water

Date Sampled: 09/16/2014 1345
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244798	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H4699.D
Dilution:	1.0			Initial Weight/Volume:	2 mL
Analysis Date:	09/25/2014 1245	Run Type:	DL	Final Weight/Volume:	20 mL
Prep Date:	09/25/2014 1245				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	260		1.0	10

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95		70 - 127
Toluene-d8 (Surr)	87		80 - 125
4-Bromofluorobenzene (Surr)	83		78 - 120
Dibromofluoromethane (Surr)	97		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Client Sample ID: **PIN12-0580-1**

Lab Sample ID: 280-60227-19
Client Matrix: Water

Date Sampled: 09/16/2014 1430
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244798	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H4700.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2014 1306			Final Weight/Volume:	20 mL
Prep Date:	09/25/2014 1306				

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	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

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Client Sample ID: **PIN12-0580-1**

Lab Sample ID: 280-60227-19
Client Matrix: Water

Date Sampled: 09/16/2014 1430
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244798	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H4700.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2014 1306			Final Weight/Volume:	20 mL
Prep Date:	09/25/2014 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)	98		70 - 127
Toluene-d8 (Surr)	84		80 - 125
4-Bromofluorobenzene (Surr)	91		78 - 120
Dibromofluoromethane (Surr)	106		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Client Sample ID: **PIN12-0580-2**

Lab Sample ID: 280-60227-20
Client Matrix: Water

Date Sampled: 09/16/2014 1505
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244798	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H4701.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2014 1328			Final Weight/Volume:	20 mL
Prep Date:	09/25/2014 1328				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	7.9	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	3.7		0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	17		0.15	1.0
trans-1,2-Dichloroethene	6.7		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

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Client Sample ID: **PIN12-0580-2**

Lab Sample ID: 280-60227-20
Client Matrix: Water

Date Sampled: 09/16/2014 1505
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244798	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H4701.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2014 1328			Final Weight/Volume:	20 mL
Prep Date:	09/25/2014 1328				

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)	109		70 - 127
Toluene-d8 (Surr)	97		80 - 125
4-Bromofluorobenzene (Surr)	93		78 - 120
Dibromofluoromethane (Surr)	110		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Client Sample ID: **PIN12-0580-2**

Lab Sample ID: 280-60227-20
Client Matrix: Water

Date Sampled: 09/16/2014 1505
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244798	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H4702.D
Dilution:	1.0			Initial Weight/Volume:	2 mL
Analysis Date:	09/25/2014 1350	Run Type:	DL	Final Weight/Volume:	20 mL
Prep Date:	09/25/2014 1350				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	170		1.0	10

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	110		70 - 127
Toluene-d8 (Surr)	98		80 - 125
4-Bromofluorobenzene (Surr)	89		78 - 120
Dibromofluoromethane (Surr)	107		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Client Sample ID: **PIN12-0524**

Lab Sample ID: 280-60227-1
Client Matrix: Water

Date Sampled: 09/13/2014 1211
Date Received: 09/19/2014 0925

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

Analysis Method:	8260B SIM	Analysis Batch:	280-244189	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E5684.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/22/2014 1225			Final Weight/Volume:	20 mL
Prep Date:	09/22/2014 1225				

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)	95		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Client Sample ID: **PIN12-0525**

Lab Sample ID: 280-60227-2
Client Matrix: Water

Date Sampled: 09/13/2014 1123
Date Received: 09/19/2014 0925

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

Analysis Method:	8260B SIM	Analysis Batch:	280-244189	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E5676.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/22/2014 1000			Final Weight/Volume:	20 mL
Prep Date:	09/22/2014 1000				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	3.0		0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	111		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Client Sample ID: **PIN12-0541**

Lab Sample ID: 280-60227-3
Client Matrix: Water

Date Sampled: 09/15/2014 0910
Date Received: 09/19/2014 0925

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

Analysis Method:	8260B SIM	Analysis Batch:	280-244426	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E5726.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2014 1427			Final Weight/Volume:	20 mL
Prep Date:	09/23/2014 1427				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.67	J	0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Client Sample ID: **PIN12-0542**

Lab Sample ID: 280-60227-4
Client Matrix: Water

Date Sampled: 09/15/2014 0950
Date Received: 09/19/2014 0925

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

Analysis Method:	8260B SIM	Analysis Batch:	280-244426	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E5727.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2014 1445			Final Weight/Volume:	20 mL
Prep Date:	09/23/2014 1445				

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)	99		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Client Sample ID: **PIN12-0549**

Lab Sample ID: 280-60227-5
Client Matrix: Water

Date Sampled: 09/15/2014 1055
Date Received: 09/19/2014 0925

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

Analysis Method:	8260B SIM	Analysis Batch:	280-244426	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E5728.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2014 1503			Final Weight/Volume:	20 mL
Prep Date:	09/23/2014 1503				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	4.7		0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	98		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Client Sample ID: **PIN12-0554C**

Lab Sample ID: 280-60227-6
Client Matrix: Water

Date Sampled: 09/15/2014 0830
Date Received: 09/19/2014 0925

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

Analysis Method:	8260B SIM	Analysis Batch:	280-244628	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E5758.D
Dilution:	1.0			Initial Weight/Volume:	2 mL
Analysis Date:	09/24/2014 1121			Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 1121				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	49		2.2	10

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Client Sample ID: **PIN12-0581-1**

Lab Sample ID: 280-60227-7
Client Matrix: Water

Date Sampled: 09/15/2014 1130
Date Received: 09/19/2014 0925

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

Analysis Method:	8260B SIM	Analysis Batch:	280-244426	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E5730.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2014 1540			Final Weight/Volume:	20 mL
Prep Date:	09/23/2014 1540				

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

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Client Sample ID: **PIN12-0581-2**

Lab Sample ID: 280-60227-8
Client Matrix: Water

Date Sampled: 09/15/2014 1202
Date Received: 09/19/2014 0925

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

Analysis Method:	8260B SIM	Analysis Batch:	280-244426	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E5731.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2014 1558			Final Weight/Volume:	20 mL
Prep Date:	09/23/2014 1558				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	9.5		0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	99		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Client Sample ID: **PIN12-0581-3**

Lab Sample ID: 280-60227-9
Client Matrix: Water

Date Sampled: 09/15/2014 1252
Date Received: 09/19/2014 0925

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

Analysis Method:	8260B SIM	Analysis Batch:	280-244426	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E5732.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2014 1616			Final Weight/Volume:	20 mL
Prep Date:	09/23/2014 1616				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	4.2		0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	98		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Client Sample ID: **PIN12-0582-1**

Lab Sample ID: 280-60227-10
Client Matrix: Water

Date Sampled: 09/15/2014 1346
Date Received: 09/19/2014 0925

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

Analysis Method:	8260B SIM	Analysis Batch:	280-244426	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E5733.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2014 1635			Final Weight/Volume:	20 mL
Prep Date:	09/23/2014 1635				

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

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Client Sample ID: **PIN12-0582-2**

Lab Sample ID: 280-60227-11
Client Matrix: Water

Date Sampled: 09/15/2014 1439
Date Received: 09/19/2014 0925

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

Analysis Method:	8260B SIM	Analysis Batch:	280-244628	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E5755.D
Dilution:	1.0			Initial Weight/Volume:	0.5 mL
Analysis Date:	09/24/2014 1026			Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 1026				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	290		8.8	40

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	98		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Client Sample ID: **PIN12-0582-3**

Lab Sample ID: 280-60227-12
Client Matrix: Water

Date Sampled: 09/15/2014 1544
Date Received: 09/19/2014 0925

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

Analysis Method:	8260B SIM	Analysis Batch:	280-244628	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E5759.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2014 1139			Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 1139				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	3.3		0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Client Sample ID: **PIN12-0585-1**

Lab Sample ID: 280-60227-13
Client Matrix: Water

Date Sampled: 09/13/2014 1315
Date Received: 09/19/2014 0925

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

Analysis Method:	8260B SIM	Analysis Batch:	280-244189	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E5698.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/22/2014 1640			Final Weight/Volume:	20 mL
Prep Date:	09/22/2014 1640				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	3.8		0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Client Sample ID: **PIN12-0585-2**

Lab Sample ID: 280-60227-14
Client Matrix: Water

Date Sampled: 09/13/2014 1405
Date Received: 09/19/2014 0925

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

Analysis Method:	8260B SIM	Analysis Batch:	280-244189	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E5699.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	09/22/2014 1659			Final Weight/Volume:	20 mL
Prep Date:	09/22/2014 1659				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	4.6		0.44	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	98		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Client Sample ID: **PIN12-2451**

Lab Sample ID: 280-60227-16
Client Matrix: Water

Date Sampled: 09/15/2014 1200
Date Received: 09/19/2014 0925

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

Analysis Method:	8260B SIM	Analysis Batch:	280-244426	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E5736.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2014 1730			Final Weight/Volume:	20 mL
Prep Date:	09/23/2014 1730				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	9.1		0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Client Sample ID: **PIN12-0539**

Lab Sample ID: 280-60227-17
Client Matrix: Water

Date Sampled: 09/16/2014 1300
Date Received: 09/19/2014 0925

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

Analysis Method:	8260B SIM	Analysis Batch:	280-244868	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E5819.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2014 1746			Final Weight/Volume:	20 mL
Prep Date:	09/25/2014 1746				

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

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Client Sample ID: **PIN12-0540**

Lab Sample ID: 280-60227-18
Client Matrix: Water

Date Sampled: 09/16/2014 1345
Date Received: 09/19/2014 0925

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

Analysis Method:	8260B SIM	Analysis Batch:	280-244993	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E5865.D
Dilution:	1.0			Initial Weight/Volume:	1 mL
Analysis Date:	09/26/2014 1801			Final Weight/Volume:	20 mL
Prep Date:	09/26/2014 1801				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	190		4.4	20

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	82		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Client Sample ID: **PIN12-0580-1**

Lab Sample ID: 280-60227-19
Client Matrix: Water

Date Sampled: 09/16/2014 1430
Date Received: 09/19/2014 0925

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

Analysis Method:	8260B SIM	Analysis Batch:	280-244868	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E5824.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2014 1918			Final Weight/Volume:	20 mL
Prep Date:	09/25/2014 1918				

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

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Client Sample ID: **PIN12-0580-2**

Lab Sample ID: 280-60227-20
Client Matrix: Water

Date Sampled: 09/16/2014 1505
Date Received: 09/19/2014 0925

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

Analysis Method:	8260B SIM	Analysis Batch:	280-244993	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E5866.D
Dilution:	1.0			Initial Weight/Volume:	1 mL
Analysis Date:	09/26/2014 1819			Final Weight/Volume:	20 mL
Prep Date:	09/26/2014 1819				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	150		4.4	20

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	83		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

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
280-60227-1	PIN12-0524	111	128X	99	102
280-60227-1 DL	PIN12-0524 DL	111	126	101	105
280-60227-2	PIN12-0525	115	131X	101	106
280-60227-3	PIN12-0541	77	76	91	94
280-60227-4	PIN12-0542	84	84	95	99
280-60227-5	PIN12-0549	83	85	95	97
280-60227-6	PIN12-0554C	84	86	95	100
280-60227-7	PIN12-0581-1	82	82	95	98
280-60227-8	PIN12-0581-2	84	85	94	98
280-60227-9	PIN12-0581-3	88	90	100	102
280-60227-10	PIN12-0582-1	85	86	96	99
280-60227-11	PIN12-0582-2	86	89	97	101
280-60227-11 DL	PIN12-0582-2 DL	83	80	99	102
280-60227-12	PIN12-0582-3	83	91	93	95
280-60227-13	PIN12-0585-1	101	106	101	103
280-60227-14	PIN12-0585-2	103	107	105	108
280-60227-14 DL	PIN12-0585-2 DL	93	85	99	89
280-60227-15	PIN99-2203	105	113	99	103
280-60227-16	PIN12-2451	84	84	95	98
280-60227-17	PIN12-0539	86	86	98	100
280-60227-18	PIN12-0540	109	112	104	93
280-60227-18 DL	PIN12-0540 DL	97	95	87	83
280-60227-19	PIN12-0580-1	106	98	84	91
280-60227-20	PIN12-0580-2	110	109	97	93
280-60227-20 DL	PIN12-0580-2 DL	107	110	98	89
MB 280-244629/6		85	84	95	100
MB 280-244637/6		111	120	106	115
MB 280-244798/6		107	101	102	95
MB 280-244799/6		82	81	96	112

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

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

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
MB 280-245007/6		96	98	98	99
MB 280-245912/5		98	96	96	93
LCS 280-244629/4		80	82	106	93
LCS 280-244637/4		98	105	98	100
LCS 280-244798/4		108	114	104	89
LCS 280-244799/4		81	79	104	99
LCS 280-245007/4		91	89	100	94
LCS 280-245912/4		102	100	99	99
LCSD 280-245007/5		92	95	97	92
LCSD 280-245912/8		103	100	98	97
280-60227-75MS	PIN12-2454 MS	105	110	97	94
280-60030-A-7 MS		85	84	103	100
280-60005-D-1 MS		108	115	106	110
280-60227-A-21 MS		116	119	114	96
280-60069-E-3 MS		88	87	113	103
280-60187-V-15 MS		88	80	96	88
280-60227-75MSD	PIN12-2454 MSD	105	109	99	93
280-60030-A-7 MSD		85	86	103	101
280-60005-D-1 MSD		99	108	96	104
280-60227-A-21 MSD		108	110	108	90
280-60069-E-3 MSD		84	83	104	99
280-60187-V-15 MSD		87	80	94	90

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

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Surrogate Recovery Report

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

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCA %Rec
280-60227-1	PIN12-0524	95
280-60227-2	PIN12-0525	111
280-60227-3	PIN12-0541	96
280-60227-4	PIN12-0542	99
280-60227-5	PIN12-0549	98
280-60227-6	PIN12-0554C	95
280-60227-7	PIN12-0581-1	102
280-60227-8	PIN12-0581-2	99
280-60227-9	PIN12-0581-3	98
280-60227-10	PIN12-0582-1	102
280-60227-11	PIN12-0582-2	98
280-60227-12	PIN12-0582-3	95
280-60227-13	PIN12-0585-1	103
280-60227-14	PIN12-0585-2	98
280-60227-16	PIN12-2451	97
280-60227-17	PIN12-0539	102
280-60227-18	PIN12-0540	82
280-60227-19	PIN12-0580-1	87
280-60227-20	PIN12-0580-2	83
MB 280-244189/5		100
MB 280-244426/5		94
MB 280-244628/5		97
MB 280-244868/19		98
MB 280-244993/5		92
LCS 280-244189/3		108
LCS 280-244426/3		100
LCS 280-244628/3		98
LCS 280-244868/15		99
LCS 280-244993/3		92

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	70-127

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Surrogate Recovery Report

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

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCA %Rec
LCSD 280-244189/4		103
LCSD 280-244426/4		95
LCSD 280-244628/4		99
LCSD 280-244868/16		100
280-60227-2 MS	PIN12-0525 MS	109
280-60227-11 MS	PIN12-0582-2 MS	96
280-60230-C-1 MS		97
280-60227-2 MSD	PIN12-0525 MSD	106
280-60227-11 MSD	PIN12-0582-2 MSD	96
280-60230-C-1 MSD		97

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	70-127

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Method Blank - Batch: 280-244629

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-244629/6	Analysis Batch:	280-244629	Instrument ID:	VMS_Z
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	Z0855.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2014 0940	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 0940				
Leach Date:	N/A				

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

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Method Blank - Batch: 280-244629

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-244629/6	Analysis Batch:	280-244629	Instrument ID:	VMS_Z
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	Z0855.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2014 0940	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 0940				
Leach Date:	N/A				

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)	84	70 - 127
Toluene-d8 (Surr)	95	80 - 125
4-Bromofluorobenzene (Surr)	100	78 - 120
Dibromofluoromethane (Surr)	85	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Lab Control Sample - Batch: 280-244629

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 280-244629/4	Analysis Batch:	280-244629	Instrument ID:	VMS_Z
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	Z0854.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2014 0916	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 0916				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	5.00	3.81	76	74 - 135	
Bromodichloromethane	5.00	3.94	79	73 - 135	
Carbon tetrachloride	5.00	4.54	91	67 - 135	
Chlorobenzene	5.00	4.66	93	76 - 135	
Chloroform	5.00	4.01	80	76 - 120	
1,3-Dichlorobenzene	5.00	4.51	90	74 - 135	
1,1-Dichloroethane	5.00	4.01	80	75 - 135	
trans-1,2-Dichloroethene	5.00	4.05	81	75 - 135	
1,1-Dichloroethene	5.00	3.79	76	71 - 136	
1,2-Dichloropropane	5.00	4.01	80	71 - 120	
Ethylbenzene	5.00	4.84	97	72 - 120	
Methylene Chloride	5.00	3.38	68	54 - 141	
Tetrachloroethene	5.00	5.03	101	70 - 135	
Toluene	5.00	4.24	85	73 - 120	
1,1,1-Trichloroethane	5.00	4.26	85	70 - 135	
Trichloroethene	5.00	4.37	87	73 - 135	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	82	70 - 127
Toluene-d8 (Surr)	106	80 - 125
4-Bromofluorobenzene (Surr)	93	78 - 120
Dibromofluoromethane (Surr)	80	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-244629

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-60030-A-7 MS	Analysis Batch:	280-244629	Instrument ID:	VMS_Z
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	Z0857.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2014 1043			Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 1043				20 mL/100g
Leach Date:	N/A				

MSD Lab Sample ID:	280-60030-A-7 MSD	Analysis Batch:	280-244629	Instrument ID:	VMS_Z
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	Z0858.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2014 1106			Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 1106				20 mL/100g
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	78	80	74 - 135	2	20		
Bromodichloromethane	76	80	73 - 135	6	20		
Carbon tetrachloride	94	94	67 - 135	1	21		
Chlorobenzene	94	97	76 - 135	2	20		
Chloroform	86	89	76 - 120	4	20		
1,3-Dichlorobenzene	94	95	74 - 135	1	20		
1,1-Dichloroethane	83	84	75 - 135	1	21		
trans-1,2-Dichloroethene	82	83	75 - 135	0	24		
1,1-Dichloroethene	79	78	71 - 136	1	20		
1,2-Dichloropropane	81	84	71 - 120	3	20		
Ethylbenzene	94	94	72 - 120	0	26		
Methylene Chloride	67	70	54 - 141	4	20		
Tetrachloroethene	101	101	70 - 135	1	20		
Toluene	85	87	73 - 120	3	20		
1,1,1-Trichloroethane	87	88	70 - 135	1	20		
Trichloroethene	91	94	73 - 135	4	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	84	86	70 - 127
Toluene-d8 (Surr)	103	103	80 - 125
4-Bromofluorobenzene (Surr)	100	101	78 - 120
Dibromofluoromethane (Surr)	85	85	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-244629

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-60030-A-7 MS	Units:	ug/L	MSD Lab Sample ID:	280-60030-A-7 MSD
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/24/2014 1043			Analysis Date:	09/24/2014 1106
Prep Date:	09/24/2014 1043			Prep Date:	09/24/2014 1106
Leach Date:	N/A			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	3.91	4.00
Bromodichloromethane	0.17	U	5.00	5.00	3.80	4.02
Carbon tetrachloride	0.19	U	5.00	5.00	4.72	4.68
Chlorobenzene	0.17	U	5.00	5.00	4.72	4.83
Chloroform	0.16	U	5.00	5.00	4.30	4.46
1,3-Dichlorobenzene	0.13	U	5.00	5.00	4.72	4.76
1,1-Dichloroethane	0.22	U	5.00	5.00	4.13	4.19
trans-1,2-Dichloroethene	0.15	U	5.00	5.00	4.12	4.13
1,1-Dichloroethene	0.23	U	5.00	5.00	3.95	3.90
1,2-Dichloropropane	0.18	U	5.00	5.00	4.07	4.21
Ethylbenzene	0.16	U	5.00	5.00	4.70	4.71
Methylene Chloride	0.32	U	5.00	5.00	3.37	3.51
Tetrachloroethene	0.20	U	5.00	5.00	5.03	5.06
Toluene	0.17	U	5.00	5.00	4.26	4.37
1,1,1-Trichloroethane	0.16	U	5.00	5.00	4.35	4.41
Trichloroethene	0.16	U	5.00	5.00	4.53	4.72

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Method Blank - Batch: 280-244637

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-244637/6	Analysis Batch:	280-244637	Instrument ID:	VMS_P
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P5514.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2014 1004	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 1004				
Leach Date:	N/A				

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	0.694	J	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Method Blank - Batch: 280-244637

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-244637/6	Analysis Batch:	280-244637	Instrument ID:	VMS_P
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P5514.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2014 1004	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 1004				
Leach Date:	N/A				

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)	120	70 - 127
Toluene-d8 (Surr)	106	80 - 125
4-Bromofluorobenzene (Surr)	115	78 - 120
Dibromofluoromethane (Surr)	111	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Lab Control Sample - Batch: 280-244637

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 280-244637/4	Analysis Batch:	280-244637	Instrument ID:	VMS_P
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P5513.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2014 0945	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 0945				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	5.00	5.09	102	74 - 135	
Bromodichloromethane	5.00	5.09	102	73 - 135	
Carbon tetrachloride	5.00	6.67	133	67 - 135	
Chlorobenzene	5.00	5.16	103	76 - 135	
Chloroform	5.00	5.53	111	76 - 120	
1,3-Dichlorobenzene	5.00	5.06	101	74 - 135	
1,1-Dichloroethane	5.00	5.48	110	75 - 135	
trans-1,2-Dichloroethene	5.00	5.75	115	75 - 135	
1,1-Dichloroethene	5.00	5.33	107	71 - 136	
1,2-Dichloropropane	5.00	4.90	98	71 - 120	
Ethylbenzene	5.00	5.35	107	72 - 120	
Methylene Chloride	5.00	4.76	95	54 - 141	
Tetrachloroethene	5.00	5.65	113	70 - 135	
Toluene	5.00	5.33	107	73 - 120	
1,1,1-Trichloroethane	5.00	6.40	128	70 - 135	
Trichloroethene	5.00	5.44	109	73 - 135	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	105	70 - 127
Toluene-d8 (Surr)	98	80 - 125
4-Bromofluorobenzene (Surr)	100	78 - 120
Dibromofluoromethane (Surr)	98	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-244637

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-60005-D-1 MS	Analysis Batch:	280-244637	Instrument ID:	VMS_P
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P5518.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2014 1134			Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 1134				20 mL
Leach Date:	N/A				

MSD Lab Sample ID:	280-60005-D-1 MSD	Analysis Batch:	280-244637	Instrument ID:	VMS_P
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P5519.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2014 1153			Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 1153				20 mL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	113	104	74 - 135	8	20		
Bromodichloromethane	118	110	73 - 135	7	20		
Carbon tetrachloride	152	136	67 - 135	11	21	F1	F1
Chlorobenzene	112	104	76 - 135	7	20		
Chloroform	124	115	76 - 120	7	20	F1	
1,3-Dichlorobenzene	112	106	74 - 135	5	20		
1,1-Dichloroethane	122	113	75 - 135	8	21		
trans-1,2-Dichloroethene	127	114	75 - 135	10	24		
1,1-Dichloroethene	115	99	71 - 136	15	20		
1,2-Dichloropropane	108	100	71 - 120	8	20		
Ethylbenzene	117	106	72 - 120	10	26		
Methylene Chloride	94	87	54 - 141	7	20		
Tetrachloroethene	124	116	70 - 135	7	20		
Toluene	116	108	73 - 120	7	20		
1,1,1-Trichloroethane	145	130	70 - 135	11	20	F1	
Trichloroethene	123	109	73 - 135	11	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	115	108	70 - 127
Toluene-d8 (Surr)	106	96	80 - 125
4-Bromofluorobenzene (Surr)	110	104	78 - 120
Dibromofluoromethane (Surr)	108	99	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-244637

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-60005-D-1 MS	Units:	ug/L	MSD Lab Sample ID:	280-60005-D-1 MSD
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/24/2014 1134			Analysis Date:	09/24/2014 1153
Prep Date:	09/24/2014 1134			Prep Date:	09/24/2014 1153
Leach Date:	N/A			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	5.63		5.21	
Bromodichloromethane	0.17	U	5.00	5.00	5.89		5.51	
Carbon tetrachloride	0.19	U	5.00	5.00	7.60	F1	6.82	F1
Chlorobenzene	0.17	U	5.00	5.00	5.61		5.21	
Chloroform	0.16	U	5.00	5.00	6.19	F1	5.75	
1,3-Dichlorobenzene	0.13	U	5.00	5.00	5.62		5.32	
1,1-Dichloroethane	0.22	U	5.00	5.00	6.10		5.65	
trans-1,2-Dichloroethene	0.15	U	5.00	5.00	6.33		5.70	
1,1-Dichloroethene	0.23	U	5.00	5.00	5.75		4.97	
1,2-Dichloropropane	0.18	U	5.00	5.00	5.38		4.99	
Ethylbenzene	0.16	U	5.00	5.00	5.84		5.29	
Methylene Chloride	0.36	J	5.00	5.00	5.03		4.70	
Tetrachloroethene	0.20	U	5.00	5.00	6.22		5.81	
Toluene	0.17	U	5.00	5.00	5.79		5.40	
1,1,1-Trichloroethane	0.16	U	5.00	5.00	7.26	F1	6.52	
Trichloroethene	0.16	U	5.00	5.00	6.13		5.47	

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Method Blank - Batch: 280-244798

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-244798/6	Analysis Batch:	280-244798	Instrument ID:	VMS_H
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	H4692.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2014 0955	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/25/2014 0955				
Leach Date:	N/A				

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

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Method Blank - Batch: 280-244798

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-244798/6	Analysis Batch:	280-244798	Instrument ID:	VMS_H
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	H4692.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2014 0955	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/25/2014 0955				
Leach Date:	N/A				

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)	101	70 - 127
Toluene-d8 (Surr)	102	80 - 125
4-Bromofluorobenzene (Surr)	95	78 - 120
Dibromofluoromethane (Surr)	107	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Lab Control Sample - Batch: 280-244798

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 280-244798/4	Analysis Batch:	280-244798	Instrument ID:	VMS_H
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	H4690.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2014 0853	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/25/2014 0853				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	5.00	4.34	87	74 - 135	
Bromodichloromethane	5.00	4.59	92	73 - 135	
Carbon tetrachloride	5.00	5.32	106	67 - 135	
Chlorobenzene	5.00	4.38	88	76 - 135	
Chloroform	5.00	4.95	99	76 - 120	
1,3-Dichlorobenzene	5.00	4.18	84	74 - 135	
1,1-Dichloroethane	5.00	4.32	86	75 - 135	
trans-1,2-Dichloroethene	5.00	4.50	90	75 - 135	
1,1-Dichloroethene	5.00	4.28	86	71 - 136	
1,2-Dichloropropane	5.00	4.08	82	71 - 120	
Ethylbenzene	5.00	4.36	87	72 - 120	
Methylene Chloride	5.00	4.13	83	54 - 141	
Tetrachloroethene	5.00	4.71	94	70 - 135	
Toluene	5.00	4.56	91	73 - 120	
1,1,1-Trichloroethane	5.00	4.90	98	70 - 135	
Trichloroethene	5.00	4.79	96	73 - 135	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	114	70 - 127
Toluene-d8 (Surr)	104	80 - 125
4-Bromofluorobenzene (Surr)	89	78 - 120
Dibromofluoromethane (Surr)	108	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-244798

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-60227-A-21 MS	Analysis Batch:	280-244798	Instrument ID:	VMS_H
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	H4696.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2014 1139			Final Weight/Volume:	20 mL
Prep Date:	09/25/2014 1139				20 mL
Leach Date:	N/A				

MSD Lab Sample ID:	280-60227-A-21 MSD	Analysis Batch:	280-244798	Instrument ID:	VMS_H
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	H4697.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2014 1201			Final Weight/Volume:	20 mL
Prep Date:	09/25/2014 1201				20 mL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	94	89	74 - 135	6	20		
Bromodichloromethane	96	90	73 - 135	6	20		
Carbon tetrachloride	118	111	67 - 135	6	21		
Chlorobenzene	94	88	76 - 135	7	20		
Chloroform	107	98	76 - 120	8	20		
1,3-Dichlorobenzene	90	84	74 - 135	7	20		
1,1-Dichloroethane	96	85	75 - 135	7	21		
trans-1,2-Dichloroethene	110	96	75 - 135	8	24		
1,1-Dichloroethene	105	117	71 - 136	10	20		
1,2-Dichloropropane	92	83	71 - 120	11	20		
Ethylbenzene	94	90	72 - 120	5	26		
Methylene Chloride	103	98	54 - 141	5	20		
Tetrachloroethene	107	100	70 - 135	7	20		
Toluene	100	93	73 - 120	8	20		
1,1,1-Trichloroethane	113	105	70 - 135	7	20		
Trichloroethene	105	97	73 - 135	8	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	119	110	70 - 127
Toluene-d8 (Surr)	114	108	80 - 125
4-Bromofluorobenzene (Surr)	96	90	78 - 120
Dibromofluoromethane (Surr)	116	108	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-244798

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-60227-A-21 MS	Units:	ug/L	MSD Lab Sample ID:	280-60227-A-21 MSD
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/25/2014 1139			Analysis Date:	09/25/2014 1201
Prep Date:	09/25/2014 1139			Prep Date:	09/25/2014 1201
Leach Date:	N/A			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	4.72	4.43
Bromodichloromethane	0.17	U	5.00	5.00	4.81	4.52
Carbon tetrachloride	0.19	U	5.00	5.00	5.89	5.55
Chlorobenzene	0.17	U	5.00	5.00	4.68	4.38
Chloroform	0.16	U	5.00	5.00	5.33	4.91
1,3-Dichlorobenzene	0.13	U	5.00	5.00	4.51	4.22
1,1-Dichloroethane	3.1		5.00	5.00	7.85	7.31
trans-1,2-Dichloroethene	3.4		5.00	5.00	8.95	8.23
1,1-Dichloroethene	0.23	J	5.00	5.00	5.50	6.09
1,2-Dichloropropane	0.18	U	5.00	5.00	4.62	4.15
Ethylbenzene	0.16	U	5.00	5.00	4.72	4.49
Methylene Chloride	0.32	U	5.00	5.00	5.16	4.92
Tetrachloroethene	0.20	U	5.00	5.00	5.35	5.01
Toluene	0.17	U	5.00	5.00	5.00	4.63
1,1,1-Trichloroethane	0.16	U	5.00	5.00	5.63	5.25
Trichloroethene	0.16	U	5.00	5.00	5.25	4.85

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Method Blank - Batch: 280-244799

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-244799/6	Analysis Batch:	280-244799	Instrument ID:	VMS_Z
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	Z0911.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2014 0840	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/25/2014 0840				
Leach Date:	N/A				

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

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Method Blank - Batch: 280-244799

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-244799/6	Analysis Batch:	280-244799	Instrument ID:	VMS_Z
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	Z0911.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2014 0840	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/25/2014 0840				
Leach Date:	N/A				

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)	81	70 - 127
Toluene-d8 (Surr)	96	80 - 125
4-Bromofluorobenzene (Surr)	112	78 - 120
Dibromofluoromethane (Surr)	82	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Lab Control Sample - Batch: 280-244799

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 280-244799/4	Analysis Batch:	280-244799	Instrument ID:	VMS_Z
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	Z0910.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2014 0817	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/25/2014 0817				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	5.00	4.06	81	74 - 135	
Bromodichloromethane	5.00	4.04	81	73 - 135	
Carbon tetrachloride	5.00	4.67	93	67 - 135	
Chlorobenzene	5.00	4.85	97	76 - 135	
Chloroform	5.00	4.28	86	76 - 120	
1,3-Dichlorobenzene	5.00	4.86	97	74 - 135	
1,1-Dichloroethane	5.00	4.23	85	75 - 135	
trans-1,2-Dichloroethene	5.00	4.24	85	75 - 135	
1,1-Dichloroethene	5.00	4.02	80	71 - 136	
1,2-Dichloropropane	5.00	4.11	82	71 - 120	
Ethylbenzene	5.00	4.93	99	72 - 120	
Methylene Chloride	5.00	3.66	73	54 - 141	
Tetrachloroethene	5.00	5.24	105	70 - 135	
Toluene	5.00	4.44	89	73 - 120	
1,1,1-Trichloroethane	5.00	4.44	89	70 - 135	
Trichloroethene	5.00	4.60	92	73 - 135	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	79	70 - 127
Toluene-d8 (Surr)	104	80 - 125
4-Bromofluorobenzene (Surr)	99	78 - 120
Dibromofluoromethane (Surr)	81	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-244799

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-60069-E-3 MS	Analysis Batch:	280-244799	Instrument ID:	VMS_Z
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	Z0916.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2014 1046			Final Weight/Volume:	20 mL
Prep Date:	09/25/2014 1046				20 mL/100g
Leach Date:	N/A				

MSD Lab Sample ID:	280-60069-E-3 MSD	Analysis Batch:	280-244799	Instrument ID:	VMS_Z
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	Z0917.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2014 1109			Final Weight/Volume:	20 mL
Prep Date:	09/25/2014 1109				20 mL/100g
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	81	83	74 - 135	2	20		
Bromodichloromethane	83	79	73 - 135	5	20		
Carbon tetrachloride	89	88	67 - 135	2	21		
Chlorobenzene	98	96	76 - 135	2	20		
Chloroform	85	86	76 - 120	2	20		
1,3-Dichlorobenzene	97	97	74 - 135	0	20		
1,1-Dichloroethane	84	84	75 - 135	0	21		
trans-1,2-Dichloroethene	81	83	75 - 135	2	24		
1,1-Dichloroethene	76	77	71 - 136	2	20		
1,2-Dichloropropane	84	86	71 - 120	2	20		
Ethylbenzene	98	96	72 - 120	2	26		
Methylene Chloride	65	68	54 - 141	5	20		
Tetrachloroethene	102	101	70 - 135	0	20		
Toluene	87	88	73 - 120	1	20		
1,1,1-Trichloroethane	86	87	70 - 135	1	20		
Trichloroethene	89	91	73 - 135	2	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	87	83	70 - 127
Toluene-d8 (Surr)	113	104	80 - 125
4-Bromofluorobenzene (Surr)	103	99	78 - 120
Dibromofluoromethane (Surr)	88	84	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-244799

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-60069-E-3 MS	Units:	ug/L	MSD Lab Sample ID:	280-60069-E-3 MSD
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/25/2014 1046			Analysis Date:	09/25/2014 1109
Prep Date:	09/25/2014 1046			Prep Date:	09/25/2014 1109
Leach Date:	N/A			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	4.06	4.13
Bromodichloromethane	0.17	U	5.00	5.00	4.15	3.95
Carbon tetrachloride	0.19	U	5.00	5.00	4.47	4.39
Chlorobenzene	0.17	U	5.00	5.00	4.89	4.79
Chloroform	0.16	U	5.00	5.00	4.23	4.31
1,3-Dichlorobenzene	0.13	U	5.00	5.00	4.84	4.84
1,1-Dichloroethane	0.22	U	5.00	5.00	4.20	4.20
trans-1,2-Dichloroethene	0.15	U	5.00	5.00	4.07	4.13
1,1-Dichloroethene	0.23	U	5.00	5.00	3.80	3.86
1,2-Dichloropropane	0.18	U	5.00	5.00	4.20	4.30
Ethylbenzene	0.16	U	5.00	5.00	4.91	4.79
Methylene Chloride	0.32	U	5.00	5.00	3.25	3.41
Tetrachloroethene	0.20	U	5.00	5.00	5.09	5.07
Toluene	0.17	U	5.00	5.00	4.37	4.42
1,1,1-Trichloroethane	0.16	U	5.00	5.00	4.29	4.33
Trichloroethene	0.16	U	5.00	5.00	4.44	4.53

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Method Blank - Batch: 280-245007

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-245007/6	Analysis Batch:	280-245007	Instrument ID:	VMS_P
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P5643.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/26/2014 1048	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/26/2014 1048				
Leach Date:	N/A				

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	0.540	J	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Method Blank - Batch: 280-245007

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-245007/6	Analysis Batch:	280-245007	Instrument ID:	VMS_P
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P5643.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/26/2014 1048	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/26/2014 1048				
Leach Date:	N/A				

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)	98	80 - 125
4-Bromofluorobenzene (Surr)	99	78 - 120
Dibromofluoromethane (Surr)	96	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 280-245007

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-245007/4	Analysis Batch:	280-245007	Instrument ID:	VMS_P
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P5641.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/26/2014 1009	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/26/2014 1009				20 mL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 280-245007/5	Analysis Batch:	280-245007	Instrument ID:	VMS_P
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P5642.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/26/2014 1029	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/26/2014 1029				20 mL
Leach Date:	N/A				

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Benzene	107	100	74 - 135	6	20		
Bromodichloromethane	106	101	73 - 135	5	20		
Carbon tetrachloride	123	110	67 - 135	11	21		
Chlorobenzene	104	99	76 - 135	5	20		
Chloroform	107	101	76 - 120	5	20		
1,3-Dichlorobenzene	108	98	74 - 135	9	20		
1,1-Dichloroethane	110	103	75 - 135	7	21		
trans-1,2-Dichloroethene	110	102	75 - 135	7	24		
1,1-Dichloroethene	121	102	71 - 136	17	20		
1,2-Dichloropropane	101	99	71 - 120	2	20		
Ethylbenzene	106	99	72 - 120	6	26		
Methylene Chloride	113	105	54 - 141	7	20		
Tetrachloroethene	112	102	70 - 135	10	20		
Toluene	114	109	73 - 120	4	20		
1,1,1-Trichloroethane	119	108	70 - 135	10	20		
Trichloroethene	105	98	73 - 135	7	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	89	95	70 - 127
Toluene-d8 (Surr)	100	97	80 - 125
4-Bromofluorobenzene (Surr)	94	92	78 - 120
Dibromofluoromethane (Surr)	91	92	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 280-245007

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-245007/4	Units:	ug/L	LCSD Lab Sample ID:	LCSD 280-245007/5
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/26/2014 1009			Analysis Date:	09/26/2014 1029
Prep Date:	09/26/2014 1009			Prep Date:	09/26/2014 1029
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Benzene	5.00	5.00	5.33	5.01
Bromodichloromethane	5.00	5.00	5.29	5.05
Carbon tetrachloride	5.00	5.00	6.14	5.51
Chlorobenzene	5.00	5.00	5.22	4.95
Chloroform	5.00	5.00	5.33	5.06
1,3-Dichlorobenzene	5.00	5.00	5.38	4.90
1,1-Dichloroethane	5.00	5.00	5.50	5.15
trans-1,2-Dichloroethene	5.00	5.00	5.50	5.12
1,1-Dichloroethene	5.00	5.00	6.03	5.09
1,2-Dichloropropane	5.00	5.00	5.03	4.93
Ethylbenzene	5.00	5.00	5.30	4.97
Methylene Chloride	5.00	5.00	5.67	5.26
Tetrachloroethene	5.00	5.00	5.61	5.10
Toluene	5.00	5.00	5.69	5.45
1,1,1-Trichloroethane	5.00	5.00	5.94	5.38
Trichloroethene	5.00	5.00	5.24	4.91

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-245007

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-60187-V-15 MS	Analysis Batch:	280-245007	Instrument ID:	VMS_P
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P5650.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/26/2014 1305			Final Weight/Volume:	20 mL
Prep Date:	09/26/2014 1305				20 mL
Leach Date:	N/A				

MSD Lab Sample ID:	280-60187-V-15 MSD	Analysis Batch:	280-245007	Instrument ID:	VMS_P
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P5651.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/26/2014 1325			Final Weight/Volume:	20 mL
Prep Date:	09/26/2014 1325				20 mL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	101	101	74 - 135	1	20		
Bromodichloromethane	93	96	73 - 135	3	20		
Carbon tetrachloride	100	97	67 - 135	3	21		
Chlorobenzene	101	99	76 - 135	2	20		
Chloroform	96	95	76 - 120	1	20		
1,3-Dichlorobenzene	99	99	74 - 135	0	20		
1,1-Dichloroethane	103	102	75 - 135	0	21		
trans-1,2-Dichloroethene	108	103	75 - 135	5	24		
1,1-Dichloroethene	115	99	71 - 136	15	20		
1,2-Dichloropropane	96	96	71 - 120	0	20		
Ethylbenzene	102	99	72 - 120	3	26		
Methylene Chloride	107	105	54 - 141	1	20		
Tetrachloroethene	108	101	70 - 135	6	20		
Toluene	108	109	73 - 120	1	20		
1,1,1-Trichloroethane	99	96	70 - 135	3	20		
Trichloroethene	99	97	73 - 135	2	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	80	80	70 - 127
Toluene-d8 (Surr)	96	94	80 - 125
4-Bromofluorobenzene (Surr)	88	90	78 - 120
Dibromofluoromethane (Surr)	88	87	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-245007

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-60187-V-15 MS	Units:	ug/L	MSD Lab Sample ID:	280-60187-V-15 MSD
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/26/2014 1305			Analysis Date:	09/26/2014 1325
Prep Date:	09/26/2014 1305			Prep Date:	09/26/2014 1325
Leach Date:	N/A			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	5.07	5.03
Bromodichloromethane	0.17	U	5.00	5.00	4.67	4.82
Carbon tetrachloride	0.19	U	5.00	5.00	5.00	4.85
Chlorobenzene	0.17	U	5.00	5.00	5.06	4.97
Chloroform	0.16	U	5.00	5.00	4.79	4.76
1,3-Dichlorobenzene	0.13	U	5.00	5.00	4.95	4.96
1,1-Dichloroethane	0.22	J	5.00	5.00	5.14	5.12
trans-1,2-Dichloroethene	0.15	U	5.00	5.00	5.38	5.13
1,1-Dichloroethene	0.23	U	5.00	5.00	5.73	4.95
1,2-Dichloropropane	0.18	U	5.00	5.00	4.81	4.79
Ethylbenzene	0.16	U	5.00	5.00	5.12	4.94
Methylene Chloride	0.37	J	5.00	5.00	5.71	5.64
Tetrachloroethene	0.20	U	5.00	5.00	5.38	5.07
Toluene	0.17	U	5.00	5.00	5.40	5.46
1,1,1-Trichloroethane	0.16	U	5.00	5.00	4.97	4.80
Trichloroethene	0.16	U	5.00	5.00	4.97	4.87

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Method Blank - Batch: 280-245912

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-245912/5	Analysis Batch:	280-245912	Instrument ID:	VMS_C
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	C1541.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	10/02/2014 0948	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	10/02/2014 0948				
Leach Date:	N/A				

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

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Method Blank - Batch: 280-245912

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-245912/5	Analysis Batch:	280-245912	Instrument ID:	VMS_C
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	C1541.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	10/02/2014 0948	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	10/02/2014 0948				
Leach Date:	N/A				

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)	96	70 - 127
Toluene-d8 (Surr)	96	80 - 125
4-Bromofluorobenzene (Surr)	93	78 - 120
Dibromofluoromethane (Surr)	98	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 280-245912

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-245912/4	Analysis Batch:	280-245912	Instrument ID:	VMS_C
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	C1540.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	10/02/2014 0927	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	10/02/2014 0927				20 mL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 280-245912/8	Analysis Batch:	280-245912	Instrument ID:	VMS_C
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	C1542.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	10/02/2014 1008	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	10/02/2014 1008				20 mL
Leach Date:	N/A				

	% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Benzene	80	83	74 - 135	4	20		
Bromodichloromethane	75	76	73 - 135	1	20		
Carbon tetrachloride	89	92	67 - 135	3	21		
Chlorobenzene	81	81	76 - 135	1	20		
Chloroform	83	89	76 - 120	6	20		
1,3-Dichlorobenzene	82	83	74 - 135	2	20		
1,1-Dichloroethane	84	88	75 - 135	5	21		
trans-1,2-Dichloroethene	84	89	75 - 135	6	24		
1,1-Dichloroethene	81	82	71 - 136	1	20		
1,2-Dichloropropane	77	81	71 - 120	5	20		
Ethylbenzene	77	80	72 - 120	4	26		
Methylene Chloride	74	75	54 - 141	1	20		
Tetrachloroethene	80	81	70 - 135	2	20		
Toluene	84	86	73 - 120	2	20		
1,1,1-Trichloroethane	89	92	70 - 135	3	20		
Trichloroethene	82	86	73 - 135	4	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	100	100	70 - 127
Toluene-d8 (Surr)	99	98	80 - 125
4-Bromofluorobenzene (Surr)	99	97	78 - 120
Dibromofluoromethane (Surr)	102	103	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 280-245912

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-245912/4	Units:	ug/L	LCSD Lab Sample ID:	LCSD 280-245912/8
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	10/02/2014 0927			Analysis Date:	10/02/2014 1008
Prep Date:	10/02/2014 0927			Prep Date:	10/02/2014 1008
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Benzene	5.00	5.00	4.00	4.16
Bromodichloromethane	5.00	5.00	3.76	3.81
Carbon tetrachloride	5.00	5.00	4.45	4.59
Chlorobenzene	5.00	5.00	4.04	4.07
Chloroform	5.00	5.00	4.16	4.44
1,3-Dichlorobenzene	5.00	5.00	4.08	4.14
1,1-Dichloroethane	5.00	5.00	4.18	4.39
trans-1,2-Dichloroethene	5.00	5.00	4.19	4.46
1,1-Dichloroethene	5.00	5.00	4.04	4.08
1,2-Dichloropropane	5.00	5.00	3.83	4.04
Ethylbenzene	5.00	5.00	3.84	4.00
Methylene Chloride	5.00	5.00	3.71	3.76
Tetrachloroethene	5.00	5.00	3.99	4.06
Toluene	5.00	5.00	4.20	4.29
1,1,1-Trichloroethane	5.00	5.00	4.47	4.59
Trichloroethene	5.00	5.00	4.10	4.29

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-245912

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-60227-75MS	Analysis Batch:	280-245912	Instrument ID:	VMS_C
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	C1563.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	10/02/2014 1721			Final Weight/Volume:	20 mL
Prep Date:	10/02/2014 1721				20 mL
Leach Date:	N/A				

MSD Lab Sample ID:	280-60227-75MSD	Analysis Batch:	280-245912	Instrument ID:	VMS_C
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	C1564.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	10/02/2014 1742			Final Weight/Volume:	20 mL
Prep Date:	10/02/2014 1742				20 mL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	82	84	74 - 135	2	20		
Bromodichloromethane	78	81	73 - 135	4	20		
Carbon tetrachloride	90	97	67 - 135	8	21		
Chlorobenzene	78	83	76 - 135	7	20		
Chloroform	92	93	76 - 120	1	20		
1,3-Dichlorobenzene	77	81	74 - 135	6	20		
1,1-Dichloroethane	90	93	75 - 135	4	21		
trans-1,2-Dichloroethene	80	83	75 - 135	3	24		
1,1-Dichloroethene	38	37	71 - 136	0	20	4	4
1,2-Dichloropropane	79	84	71 - 120	6	20		
Ethylbenzene	75	80	72 - 120	6	26		
Methylene Chloride	91	86	54 - 141	6	20		
Tetrachloroethene	75	80	70 - 135	6	20		
Toluene	83	87	73 - 120	4	20		
1,1,1-Trichloroethane	91	97	70 - 135	7	20		
Trichloroethene	62	50	73 - 135	2	20	4	4

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	110	109	70 - 127
Toluene-d8 (Surr)	97	99	80 - 125
4-Bromofluorobenzene (Surr)	94	93	78 - 120
Dibromofluoromethane (Surr)	105	105	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-245912

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-60227-75MS	Units:	ug/L
Client Matrix:	Water		
Dilution:	1.0		
Analysis Date:	10/02/2014 1721		
Prep Date:	10/02/2014 1721		
Leach Date:	N/A		

MSD Lab Sample ID:	280-60227-75MSD
Client Matrix:	Water
Dilution:	1.0
Analysis Date:	10/02/2014 1742
Prep Date:	10/02/2014 1742
Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Benzene	32	U	100	100	82.1		84.2	
Bromodichloromethane	34	U	100	100	78.3		81.5	
Carbon tetrachloride	38	U	100	100	90.1		97.5	
Chlorobenzene	34	U	100	100	77.8		83.1	
Chloroform	32	U	100	100	91.8		92.7	
1,3-Dichlorobenzene	26	U	100	100	76.7		81.5	
1,1-Dichloroethane	44	U	100	100	89.9		93.3	
trans-1,2-Dichloroethene	56	J	100	100	135		139	
1,1-Dichloroethene	480		100	100	516	4	514	4
1,2-Dichloropropane	36	U	100	100	78.6		83.6	
Ethylbenzene	32	U	100	100	75.3		80.0	
Methylene Chloride	64	U	100	100	91.3		85.7	
Tetrachloroethene	40	U	100	100	75.0		79.8	
Toluene	34	U	100	100	83.1		86.6	
1,1,1-Trichloroethane	32	U	100	100	90.8		97.0	
Trichloroethene	440		100	100	502	4	491	4

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Method Blank - Batch: 280-244189

Method: 8260B SIM
Preparation: 5030B

Lab Sample ID:	MB 280-244189/5	Analysis Batch:	280-244189	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E5674.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/22/2014 0919	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/22/2014 0919				
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)	100	70 - 127

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 280-244189

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-244189/3	Analysis Batch:	280-244189	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E5672.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/22/2014 0844	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/22/2014 0844				20 mL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 280-244189/4	Analysis Batch:	280-244189	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E5673.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/22/2014 0902	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/22/2014 0902				20 mL
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,4-Dioxane	95	99	25 - 141	4	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	108	103	70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 280-244189

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-244189/3	Units: ug/L		LCSD Lab Sample ID:	LCSD 280-244189/4
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/22/2014 0844			Analysis Date:	09/22/2014 0902
Prep Date:	09/22/2014 0844			Prep Date:	09/22/2014 0902
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,4-Dioxane	5.00	5.00	4.75	4.93

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-244189

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID:	280-60227-2	Analysis Batch:	280-244189	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E5680.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/22/2014 1114			Final Weight/Volume:	20 mL
Prep Date:	09/22/2014 1114				20 mL
Leach Date:	N/A				

MSD Lab Sample ID:	280-60227-2	Analysis Batch:	280-244189	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E5681.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/22/2014 1132			Final Weight/Volume:	20 mL
Prep Date:	09/22/2014 1132				20 mL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,4-Dioxane	94	103	25 - 141	6	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	109	106	70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-244189

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID:	280-60227-2	Units: ug/L	MSD Lab Sample ID:	280-60227-2	
Client Matrix:	Water		Client Matrix:	Water	
Dilution:	1.0		Dilution:	1.0	
Analysis Date:	09/22/2014 1114		Analysis Date:	09/22/2014 1132	
Prep Date:	09/22/2014 1114		Prep Date:	09/22/2014 1132	
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	3.0	5.00	5.00	7.73	8.18

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Method Blank - Batch: 280-244426

Method: 8260B SIM
Preparation: 5030B

Lab Sample ID:	MB 280-244426/5	Analysis Batch:	280-244426	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E5717.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2014 1135	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/23/2014 1135				
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)	94	70 - 127

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 280-244426

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-244426/3	Analysis Batch:	280-244426	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E5715.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2014 1059	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/23/2014 1059				20 mL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 280-244426/4	Analysis Batch:	280-244426	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E5716.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2014 1117	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/23/2014 1117				20 mL
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,4-Dioxane	100	88	25 - 141	12	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	100	95	70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 280-244426

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-244426/3	Units: ug/L		LCSD Lab Sample ID:	LCSD 280-244426/4
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/23/2014 1059			Analysis Date:	09/23/2014 1117
Prep Date:	09/23/2014 1059			Prep Date:	09/23/2014 1117
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,4-Dioxane	5.00	5.00	4.98	4.40

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-244426

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID:	280-60230-C-1 MS	Analysis Batch:	280-244426	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E5722.D
Dilution:	400	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2014 1314			Final Weight/Volume:	20 mL
Prep Date:	09/23/2014 1314				20 mL
Leach Date:	N/A				

MSD Lab Sample ID:	280-60230-C-1 MSD	Analysis Batch:	280-244426	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E5723.D
Dilution:	400	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2014 1332			Final Weight/Volume:	20 mL
Prep Date:	09/23/2014 1332				20 mL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,4-Dioxane	102	89	25 - 141	6	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97	97	70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-244426

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID:	280-60230-C-1 MS	Units: ug/L	MSD Lab Sample ID:	280-60230-C-1 MSD	
Client Matrix:	Water		Client Matrix:	Water	
Dilution:	400		Dilution:	400	
Analysis Date:	09/23/2014 1314		Analysis Date:	09/23/2014 1332	
Prep Date:	09/23/2014 1314		Prep Date:	09/23/2014 1332	
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	2800	2000	2000	4810	4530

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Method Blank - Batch: 280-244628

Method: 8260B SIM
Preparation: 5030B

Lab Sample ID:	MB 280-244628/5	Analysis Batch:	280-244628	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E5754.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2014 0956	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 0956				
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)	97	70 - 127

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 280-244628

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-244628/3	Analysis Batch:	280-244628	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E5752.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2014 0920	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 0920				20 mL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 280-244628/4	Analysis Batch:	280-244628	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E5753.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2014 0938	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 0938				20 mL
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,4-Dioxane	91	91	25 - 141	0	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	98	99	70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 280-244628

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-244628/3	Units: ug/L		LCSD Lab Sample ID:	LCSD 280-244628/4
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/24/2014 0920			Analysis Date:	09/24/2014 0938
Prep Date:	09/24/2014 0920			Prep Date:	09/24/2014 0938
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,4-Dioxane	5.00	5.00	4.55	4.53

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-244628

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID:	280-60227-11	Analysis Batch:	280-244628	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E5756.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.5 mL
Analysis Date:	09/24/2014 1044			Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 1044				20 mL
Leach Date:	N/A				

MSD Lab Sample ID:	280-60227-11	Analysis Batch:	280-244628	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E5757.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.5 mL
Analysis Date:	09/24/2014 1102			Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 1102				20 mL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,4-Dioxane	115	121	25 - 141	2	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96	96	70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-244628

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID:	280-60227-11	Units: ug/L	MSD Lab Sample ID:	280-60227-11	
Client Matrix:	Water		Client Matrix:	Water	
Dilution:	1.0		Dilution:	1.0	
Analysis Date:	09/24/2014 1044		Analysis Date:	09/24/2014 1102	
Prep Date:	09/24/2014 1044		Prep Date:	09/24/2014 1102	
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	290	200	200	518	530

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Method Blank - Batch: 280-244868

Method: 8260B SIM
Preparation: 5030B

Lab Sample ID:	MB 280-244868/19	Analysis Batch:	280-244868	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E5818.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2014 1727	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/25/2014 1727				
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)	98	70 - 127

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 280-244868

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-244868/15	Analysis Batch:	280-244868	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E5813.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2014 1555	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/25/2014 1555				20 mL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 280-244868/16	Analysis Batch:	280-244868	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E5814.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2014 1613	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/25/2014 1613				20 mL
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,4-Dioxane	78	92	25 - 141	16	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	99	100	70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 280-244868

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-244868/15	Units: ug/L		LCSD Lab Sample ID:	LCSD 280-244868/16
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/25/2014 1555			Analysis Date:	09/25/2014 1613
Prep Date:	09/25/2014 1555			Prep Date:	09/25/2014 1613
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,4-Dioxane	5.00	5.00	3.90	4.58

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

Method Blank - Batch: 280-244993

Method: 8260B SIM
Preparation: 5030B

Lab Sample ID:	MB 280-244993/5	Analysis Batch:	280-244993	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E5842.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/26/2014 1000	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/26/2014 1000				
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)	92	70 - 127

Lab Control Sample - Batch: 280-244993

Method: 8260B SIM
Preparation: 5030B

Lab Sample ID:	LCS 280-244993/3	Analysis Batch:	280-244993	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E5840.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/26/2014 0924	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/26/2014 0924				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,4-Dioxane	5.00	4.51	90	25 - 141	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	92	70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:280-244189					
LCS 280-244189/3	Lab Control Sample	T	Water	8260B SIM	
LCSD 280-244189/4	Lab Control Sample Duplicate	T	Water	8260B SIM	
MB 280-244189/5	Method Blank	T	Water	8260B SIM	
280-60227-1	PIN12-0524	T	Water	8260B SIM	
280-60227-2	PIN12-0525	T	Water	8260B SIM	
280-60227-2MS	Matrix Spike	T	Water	8260B SIM	
280-60227-2MSD	Matrix Spike Duplicate	T	Water	8260B SIM	
280-60227-13	PIN12-0585-1	T	Water	8260B SIM	
280-60227-14	PIN12-0585-2	T	Water	8260B SIM	
Analysis Batch:280-244426					
LCS 280-244426/3	Lab Control Sample	T	Water	8260B SIM	
LCSD 280-244426/4	Lab Control Sample Duplicate	T	Water	8260B SIM	
MB 280-244426/5	Method Blank	T	Water	8260B SIM	
280-60227-3	PIN12-0541	T	Water	8260B SIM	
280-60227-4	PIN12-0542	T	Water	8260B SIM	
280-60227-5	PIN12-0549	T	Water	8260B SIM	
280-60227-7	PIN12-0581-1	T	Water	8260B SIM	
280-60227-8	PIN12-0581-2	T	Water	8260B SIM	
280-60227-9	PIN12-0581-3	T	Water	8260B SIM	
280-60227-10	PIN12-0582-1	T	Water	8260B SIM	
280-60227-16	PIN12-2451	T	Water	8260B SIM	
280-60230-C-1 MS	Matrix Spike	T	Water	8260B SIM	
280-60230-C-1 MSD	Matrix Spike Duplicate	T	Water	8260B SIM	
Analysis Batch:280-244628					
LCS 280-244628/3	Lab Control Sample	T	Water	8260B SIM	
LCSD 280-244628/4	Lab Control Sample Duplicate	T	Water	8260B SIM	
MB 280-244628/5	Method Blank	T	Water	8260B SIM	
280-60227-6	PIN12-0554C	T	Water	8260B SIM	
280-60227-11	PIN12-0582-2	T	Water	8260B SIM	
280-60227-11MS	Matrix Spike	T	Water	8260B SIM	
280-60227-11MSD	Matrix Spike Duplicate	T	Water	8260B SIM	
280-60227-12	PIN12-0582-3	T	Water	8260B SIM	

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:280-244629					
LCS 280-244629/4	Lab Control Sample	T	Water	8260B	
MB 280-244629/6	Method Blank	T	Water	8260B	
280-60030-A-7 MS	Matrix Spike	T	Water	8260B	
280-60030-A-7 MSD	Matrix Spike Duplicate	T	Water	8260B	
280-60227-3	PIN12-0541	T	Water	8260B	
280-60227-4	PIN12-0542	T	Water	8260B	
280-60227-5	PIN12-0549	T	Water	8260B	
280-60227-6	PIN12-0554C	T	Water	8260B	
280-60227-7	PIN12-0581-1	T	Water	8260B	
280-60227-8	PIN12-0581-2	T	Water	8260B	
280-60227-9	PIN12-0581-3	T	Water	8260B	
280-60227-10	PIN12-0582-1	T	Water	8260B	
280-60227-11	PIN12-0582-2	T	Water	8260B	
280-60227-12	PIN12-0582-3	T	Water	8260B	
280-60227-16	PIN12-2451	T	Water	8260B	
280-60227-17	PIN12-0539	T	Water	8260B	
Analysis Batch:280-244637					
LCS 280-244637/4	Lab Control Sample	T	Water	8260B	
MB 280-244637/6	Method Blank	T	Water	8260B	
280-60005-D-1 MS	Matrix Spike	T	Water	8260B	
280-60005-D-1 MSD	Matrix Spike Duplicate	T	Water	8260B	
280-60227-1	PIN12-0524	T	Water	8260B	
280-60227-1DL	PIN12-0524	T	Water	8260B	
280-60227-2	PIN12-0525	T	Water	8260B	
280-60227-13	PIN12-0585-1	T	Water	8260B	
280-60227-14	PIN12-0585-2	T	Water	8260B	
280-60227-15	PIN99-2203	T	Water	8260B	
Analysis Batch:280-244798					
LCS 280-244798/4	Lab Control Sample	T	Water	8260B	
MB 280-244798/6	Method Blank	T	Water	8260B	
280-60227-18	PIN12-0540	T	Water	8260B	
280-60227-18DL	PIN12-0540	T	Water	8260B	
280-60227-19	PIN12-0580-1	T	Water	8260B	
280-60227-20	PIN12-0580-2	T	Water	8260B	
280-60227-20DL	PIN12-0580-2	T	Water	8260B	
280-60227-A-21 MS	Matrix Spike	T	Water	8260B	
280-60227-A-21 MSD	Matrix Spike Duplicate	T	Water	8260B	

Client: S.M. Stoller Corporation

Job Number: 280-60227-1
Sdg Number: 14086435

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:280-244799					
LCS 280-244799/4	Lab Control Sample	T	Water	8260B	
MB 280-244799/6	Method Blank	T	Water	8260B	
280-60069-E-3 MS	Matrix Spike	T	Water	8260B	
280-60069-E-3 MSD	Matrix Spike Duplicate	T	Water	8260B	
280-60227-11DL	PIN12-0582-2	T	Water	8260B	
Analysis Batch:280-244868					
LCS 280-244868/15	Lab Control Sample	T	Water	8260B SIM	
LCSD 280-244868/16	Lab Control Sample Duplicate	T	Water	8260B SIM	
MB 280-244868/19	Method Blank	T	Water	8260B SIM	
280-60227-17	PIN12-0539	T	Water	8260B SIM	
280-60227-19	PIN12-0580-1	T	Water	8260B SIM	
Analysis Batch:280-244993					
LCS 280-244993/3	Lab Control Sample	T	Water	8260B SIM	
MB 280-244993/5	Method Blank	T	Water	8260B SIM	
280-60227-18	PIN12-0540	T	Water	8260B SIM	
280-60227-20	PIN12-0580-2	T	Water	8260B SIM	
Analysis Batch:280-245007					
LCS 280-245007/4	Lab Control Sample	T	Water	8260B	
LCSD 280-245007/5	Lab Control Sample Duplicate	T	Water	8260B	
MB 280-245007/6	Method Blank	T	Water	8260B	
280-60187-V-15 MS	Matrix Spike	T	Water	8260B	
280-60187-V-15 MSD	Matrix Spike Duplicate	T	Water	8260B	
280-60227-14DL	PIN12-0585-2	T	Water	8260B	
Analysis Batch:280-245912					
LCS 280-245912/4	Lab Control Sample	T	Water	8260B	
LCSD 280-245912/8	Lab Control Sample Duplicate	T	Water	8260B	
MB 280-245912/5	Method Blank	T	Water	8260B	
280-60227-75MSMS	Matrix Spike	T	Water	8260B	
280-60227-75MSDMSD	Matrix Spike Duplicate	T	Water	8260B	

Report Basis
T = Total

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 280-60227-2

SDG Number: 14086435

Job Description: PINELLAS MONITORING

For:
S.M. Stoller Corporation
2597 Legacy Way
Grand Junction, CO 81503

Attention: Mr. Steve Donivan

Approved for release.
DiLea R Bindel
Project Manager I
10/8/2014 5:38 PM

DiLea R Bindel, Project Manager I
4955 Yarrow Street, Arvada, CO, 80002
(303)736-0173
dilea.bindel@testamericainc.com
10/08/2014

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.

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 - 14086435

Report Number: 280-60227-2

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.

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.

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.

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 9/19/2014 9:25 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 3 coolers at receipt time were 0.2º C, 1.7º C and 2.1º C.

Two of the container labels for sample PIN12-0551-1 (MJS 852) collected 9/15/2014 at 15:25 were mislabeled as PIN12-0551-2 (MJS 853) 9/15/2014 15:25. The laboratory logged the containers as PIN12-0551-1 (MJS 852) 9/15/2014 15:25 per client instruction and matching collection times.

Two of the four 40mL vials submitted for sample PIN12-0576-3 (MJS 915), requesting VOA, Dioxane analysis, contained headspace greater than 6mm in diameter. Sufficient volume remained to proceed with the requested analysis. The client was notified on 9/23/2014.

The laboratory noted that the samples listed on the chain-of-custody under the signature line were almost missed. In order to avoid missing any of the samples listed on the chains-of-custody, the client was advised to make sure all of the samples are listed on the chains-of-custody above the signature lines. The client was notified on 9/23/2014.

GC/MS VOLATILES - SW846 8260B

Methylene Chloride, a common laboratory contaminant, was detected in the method blanks associated with batches 280-244637 and 280-245229, at levels that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged “J”. If the associated samples reported a result above the MDL and/or RL, the result has been “B” flagged.

The accuracy and precision of Trichloroethene in the MS/MSD associated with batch 280-244985 could not be reliably evaluated, as the concentration present in the parent sample was 4 times greater than the matrix spike concentration. In addition, concentrations were present above the instrument calibration range for this analyte. 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 280-244637 exhibited percent recoveries outside the control limits, biased high, for some analytes. 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 above or in the Definitions/Glossary page.

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

In some cases, due to high concentrations of target analytes, samples had to be analyzed using reduced aliquot sizes. The reporting limits have been elevated accordingly.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

DATA REPORTING QUALIFIERS

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

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.
	F1	MS and/or MSD Recovery exceeds the control 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.
	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.

SAMPLE SUMMARY

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
280-60227-21	PIN12-0580-3	Water	09/16/2014 1545	09/19/2014 0925
280-60227-22	PIN12-0583-1	Water	09/16/2014 0825	09/19/2014 0925
280-60227-23	PIN12-0583-2	Water	09/16/2014 0849	09/19/2014 0925
280-60227-24	PIN12-0583-3	Water	09/16/2014 0940	09/19/2014 0925
280-60227-25	PIN12-0586-1	Water	09/18/2014 1142	09/19/2014 0925
280-60227-26	PIN12-0586-2	Water	09/18/2014 1230	09/19/2014 0925
280-60227-27	PIN12-0586-3	Water	09/18/2014 1325	09/19/2014 0925
280-60227-28	PIN99-2523	Water	09/16/2014 0800	09/19/2014 0925
280-60227-29	PIN12-S68B	Water	09/17/2014 1535	09/19/2014 0925
280-60227-30	PIN12-S68C	Water	09/17/2014 1625	09/19/2014 0925
280-60227-31	PIN12-S68D	Water	09/17/2014 1720	09/19/2014 0925
280-60227-32	PIN12-S69B	Water	09/18/2014 0955	09/19/2014 0925
280-60227-33	PIN12-0551-1	Water	09/15/2014 1525	09/19/2014 0925
280-60227-34	PIN12-0561-1	Water	09/13/2014 0836	09/19/2014 0925
280-60227-35	PIN12-0561-2	Water	09/13/2014 0913	09/19/2014 0925
280-60227-36	PIN12-0561-3	Water	09/13/2014 1113	09/19/2014 0925
280-60227-37	PIN12-0576-1	Water	09/15/2014 1030	09/19/2014 0925
280-60227-38	PIN12-0576-2	Water	09/15/2014 1052	09/19/2014 0925
280-60227-39	PIN12-0576-3	Water	09/15/2014 1119	09/19/2014 0925
280-60227-40	PIN12-0577-1	Water	09/15/2014 1346	09/19/2014 0925
280-60227-41	PIN12-0577-2	Water	09/15/2014 1408	09/19/2014 0925
280-60227-42	PIN12-0577-3	Water	09/15/2014 1430	09/19/2014 0925

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-60227-21	**PIN12-0580-3**					
Acetone		6.7	J	10	ug/L	8260B
1,1-Dichloroethane		3.1		1.0	ug/L	8260B
cis-1,2-Dichloroethene		16		1.0	ug/L	8260B
trans-1,2-Dichloroethene		3.4		1.0	ug/L	8260B
1,1-Dichloroethene		0.23	J	1.0	ug/L	8260B
Vinyl chloride		45		1.0	ug/L	8260B
1,4-Dioxane		34		4.0	ug/L	8260B SIM
280-60227-23	**PIN12-0583-2**					
Acetone		6.0	J	10	ug/L	8260B
1,1-Dichloroethane		0.46	J	1.0	ug/L	8260B
cis-1,2-Dichloroethene		0.29	J	1.0	ug/L	8260B
trans-1,2-Dichloroethene		0.72	J	1.0	ug/L	8260B
Vinyl chloride		6.0		1.0	ug/L	8260B
1,4-Dioxane		3.0		1.0	ug/L	8260B SIM
280-60227-24	**PIN12-0583-3**					
Acetone		5.8	J	10	ug/L	8260B
280-60227-25	**PIN12-0586-1**					
Acetone		8.5	J	10	ug/L	8260B
cis-1,2-Dichloroethene		0.28	J	1.0	ug/L	8260B
1,4-Dioxane		10		1.0	ug/L	8260B SIM
280-60227-26	**PIN12-0586-2**					
Acetone		4.2	J	10	ug/L	8260B
1,1-Dichloroethane		0.26	J	1.0	ug/L	8260B
cis-1,2-Dichloroethene		10		1.0	ug/L	8260B
1,1-Dichloroethene		0.52	J	1.0	ug/L	8260B
Vinyl chloride		5.0		1.0	ug/L	8260B
1,4-Dioxane		3.6		1.0	ug/L	8260B SIM
280-60227-27	**PIN12-0586-3**					
Acetone		7.7	J	10	ug/L	8260B
Vinyl chloride		5.2		1.0	ug/L	8260B
1,4-Dioxane		0.47	J	1.0	ug/L	8260B SIM
280-60227-29	**PIN12-S68B**					
Acetone		2.4	J	10	ug/L	8260B

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-60227-30	**PIN12-S68C**					
Acetone		3.2	J	10	ug/L	8260B
Benzene		0.19	J	1.0	ug/L	8260B
1,1-Dichloroethane		2.3		1.0	ug/L	8260B
cis-1,2-Dichloroethene		18		1.0	ug/L	8260B
trans-1,2-Dichloroethene		0.37	J	1.0	ug/L	8260B
Vinyl chloride		6.6		1.0	ug/L	8260B
1,4-Dioxane		5.8		1.0	ug/L	8260B SIM
280-60227-31	**PIN12-S68D**					
Acetone		9.2	J	10	ug/L	8260B
Benzene		0.55	J	1.0	ug/L	8260B
1,1-Dichloroethane		1.1		1.0	ug/L	8260B
cis-1,2-Dichloroethene		54		1.0	ug/L	8260B
trans-1,2-Dichloroethene		0.81	J	1.0	ug/L	8260B
Vinyl chloride		27		1.0	ug/L	8260B
1,4-Dioxane		1.9		1.0	ug/L	8260B SIM
280-60227-32	**PIN12-S69B**					
Acetone		8.3	J	10	ug/L	8260B
1,4-Dioxane		1.5		1.0	ug/L	8260B SIM
280-60227-33	**PIN12-0551-1**					
Acetone		3.5	J	10	ug/L	8260B
280-60227-36	**PIN12-0561-3**					
Acetone		6.6	J	10	ug/L	8260B
Methylene Chloride		0.38	J B	1.0	ug/L	8260B
280-60227-37	**PIN12-0576-1**					
1,1-Dichloroethane		11		1.0	ug/L	8260B
cis-1,2-Dichloroethene		6.4		1.0	ug/L	8260B
trans-1,2-Dichloroethene		0.25	J	1.0	ug/L	8260B
1,1-Dichloroethene		2.0		1.0	ug/L	8260B
Vinyl chloride		9.5		1.0	ug/L	8260B
1,4-Dioxane		33		4.0	ug/L	8260B SIM

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-60227-38	**PIN12-0576-2**					
1,1-Dichloroethane		12		1.0	ug/L	8260B
cis-1,2-Dichloroethene		7.1		1.0	ug/L	8260B
trans-1,2-Dichloroethene		0.28	J	1.0	ug/L	8260B
1,1-Dichloroethene		1.6		1.0	ug/L	8260B
Vinyl chloride		9.2		1.0	ug/L	8260B
1,4-Dioxane		32		4.0	ug/L	8260B SIM
280-60227-39	**PIN12-0576-3**					
Acetone		4.6	J	10	ug/L	8260B
1,1-Dichloroethane		0.56	J	1.0	ug/L	8260B
cis-1,2-Dichloroethene		0.54	J	1.0	ug/L	8260B
Vinyl chloride		0.93	J	1.0	ug/L	8260B
280-60227-41	**PIN12-0577-2**					
Trichloroethene		0.49	J	1.0	ug/L	8260B
280-60227-42	**PIN12-0577-3**					
Trichloroethene		0.42	J	1.0	ug/L	8260B

METHOD SUMMARY

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

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: 280-60227-2
Sdg Number: 14086435

Method	Analyst	Analyst ID
SW846 8260B	Moan, Matthew R	MRM
SW846 8260B	Seifert, Judy L	JLS
SW846 8260B	Wickham, Tom A	TAW
SW846 8260B SIM	Moan, Matthew R	MRM

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Client Sample ID: **PIN12-0580-3**

Lab Sample ID: 280-60227-21
Client Matrix: Water

Date Sampled: 09/16/2014 1545
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244798	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H4695.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2014 1118			Final Weight/Volume:	20 mL
Prep Date:	09/25/2014 1118				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	6.7	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	3.1		0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	16		0.15	1.0
trans-1,2-Dichloroethene	3.4		0.15	1.0
1,1-Dichloroethene	0.23	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

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Client Sample ID: **PIN12-0580-3**

Lab Sample ID: 280-60227-21
Client Matrix: Water

Date Sampled: 09/16/2014 1545
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244798	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H4695.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2014 1118			Final Weight/Volume:	20 mL
Prep Date:	09/25/2014 1118				

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)	115		70 - 127
Toluene-d8 (Surr)	106		80 - 125
4-Bromofluorobenzene (Surr)	99		78 - 120
Dibromofluoromethane (Surr)	114		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Client Sample ID: **PIN12-0583-1**

Lab Sample ID: 280-60227-22
Client Matrix: Water

Date Sampled: 09/16/2014 0825
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244798	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H4703.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2014 1412			Final Weight/Volume:	20 mL
Prep Date:	09/25/2014 1412				

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

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Client Sample ID: **PIN12-0583-1**

Lab Sample ID: 280-60227-22
Client Matrix: Water

Date Sampled: 09/16/2014 0825
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244798	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H4703.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2014 1412			Final Weight/Volume:	20 mL
Prep Date:	09/25/2014 1412				

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)	109		70 - 127
Toluene-d8 (Surr)	96		80 - 125
4-Bromofluorobenzene (Surr)	92		78 - 120
Dibromofluoromethane (Surr)	109		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Client Sample ID: **PIN12-0583-2**

Lab Sample ID: 280-60227-23
Client Matrix: Water

Date Sampled: 09/16/2014 0849
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244798	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H4704.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2014 1433			Final Weight/Volume:	20 mL
Prep Date:	09/25/2014 1433				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	6.0	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	0.46	J	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.29	J	0.15	1.0
trans-1,2-Dichloroethene	0.72	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

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Client Sample ID: **PIN12-0583-2**

Lab Sample ID: 280-60227-23
Client Matrix: Water

Date Sampled: 09/16/2014 0849
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244798	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H4704.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2014 1433			Final Weight/Volume:	20 mL
Prep Date:	09/25/2014 1433				

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	6.0		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)	105		70 - 127
Toluene-d8 (Surr)	97		80 - 125
4-Bromofluorobenzene (Surr)	95		78 - 120
Dibromofluoromethane (Surr)	109		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Client Sample ID: **PIN12-0583-3**

Lab Sample ID: 280-60227-24
Client Matrix: Water

Date Sampled: 09/16/2014 0940
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244798	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H4705.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2014 1455			Final Weight/Volume:	20 mL
Prep Date:	09/25/2014 1455				

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)	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

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Client Sample ID: **PIN12-0583-3**

Lab Sample ID: 280-60227-24
Client Matrix: Water

Date Sampled: 09/16/2014 0940
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244798	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H4705.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2014 1455			Final Weight/Volume:	20 mL
Prep Date:	09/25/2014 1455				

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)	110		70 - 127
Toluene-d8 (Surr)	102		80 - 125
4-Bromofluorobenzene (Surr)	97		78 - 120
Dibromofluoromethane (Surr)	112		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Client Sample ID: **PIN12-0586-1**

Lab Sample ID: 280-60227-25
Client Matrix: Water

Date Sampled: 09/18/2014 1142
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244798	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H4706.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2014 1517			Final Weight/Volume:	20 mL
Prep Date:	09/25/2014 1517				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	8.5	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	0.28	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

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Client Sample ID: **PIN12-0586-1**

Lab Sample ID: 280-60227-25
Client Matrix: Water

Date Sampled: 09/18/2014 1142
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244798	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H4706.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2014 1517			Final Weight/Volume:	20 mL
Prep Date:	09/25/2014 1517				

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)	83		80 - 125
4-Bromofluorobenzene (Surr)	78		78 - 120
Dibromofluoromethane (Surr)	91		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Client Sample ID: **PIN12-0586-2**

Lab Sample ID: 280-60227-26
Client Matrix: Water

Date Sampled: 09/18/2014 1230
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244798	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H4707.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2014 1539			Final Weight/Volume:	20 mL
Prep Date:	09/25/2014 1539				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	4.2	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	0.26	J	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	0.15	U	0.15	1.0
1,1-Dichloroethene	0.52	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

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Client Sample ID: **PIN12-0586-2**

Lab Sample ID: 280-60227-26
Client Matrix: Water

Date Sampled: 09/18/2014 1230
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244798	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H4707.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2014 1539			Final Weight/Volume:	20 mL
Prep Date:	09/25/2014 1539				

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	5.0		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)	112		70 - 127
Toluene-d8 (Surr)	96		80 - 125
4-Bromofluorobenzene (Surr)	91		78 - 120
Dibromofluoromethane (Surr)	107		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Client Sample ID: **PIN12-0586-3**

Lab Sample ID: 280-60227-27
Client Matrix: Water

Date Sampled: 09/18/2014 1325
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244798	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H4708.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2014 1600			Final Weight/Volume:	20 mL
Prep Date:	09/25/2014 1600				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	7.7	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

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Client Sample ID: **PIN12-0586-3**

Lab Sample ID: 280-60227-27
Client Matrix: Water

Date Sampled: 09/18/2014 1325
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244798	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H4708.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2014 1600			Final Weight/Volume:	20 mL
Prep Date:	09/25/2014 1600				

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)	101		70 - 127
Toluene-d8 (Surr)	96		80 - 125
4-Bromofluorobenzene (Surr)	90		78 - 120
Dibromofluoromethane (Surr)	104		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Client Sample ID: **PIN99-2523**

Lab Sample ID: 280-60227-28
Client Matrix: Water

Date Sampled: 09/16/2014 0800
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244798	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H4709.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2014 1622			Final Weight/Volume:	20 mL
Prep Date:	09/25/2014 1622				

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

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Client Sample ID: **PIN99-2523**

Lab Sample ID: 280-60227-28
Client Matrix: Water

Date Sampled: 09/16/2014 0800
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244798	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H4709.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2014 1622			Final Weight/Volume:	20 mL
Prep Date:	09/25/2014 1622				

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)	96		80 - 125
4-Bromofluorobenzene (Surr)	87		78 - 120
Dibromofluoromethane (Surr)	106		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Client Sample ID: **PIN12-S68B**

Lab Sample ID: 280-60227-29
Client Matrix: Water

Date Sampled: 09/17/2014 1535
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-245473	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H4879.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/30/2014 1707			Final Weight/Volume:	20 mL
Prep Date:	09/30/2014 1707				

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

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Client Sample ID: **PIN12-S68B**

Lab Sample ID: 280-60227-29
Client Matrix: Water

Date Sampled: 09/17/2014 1535
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-245473	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H4879.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/30/2014 1707			Final Weight/Volume:	20 mL
Prep Date:	09/30/2014 1707				

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)	93		70 - 127
Toluene-d8 (Surr)	96		80 - 125
4-Bromofluorobenzene (Surr)	105		78 - 120
Dibromofluoromethane (Surr)	108		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Client Sample ID: **PIN12-S68C**

Lab Sample ID: 280-60227-30
Client Matrix: Water

Date Sampled: 09/17/2014 1625
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244798	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H4711.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2014 1706			Final Weight/Volume:	20 mL
Prep Date:	09/25/2014 1706				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	3.2	J	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)	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	18		0.15	1.0
trans-1,2-Dichloroethene	0.37	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

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Client Sample ID: **PIN12-S68C**

Lab Sample ID: 280-60227-30
Client Matrix: Water

Date Sampled: 09/17/2014 1625
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244798	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H4711.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2014 1706			Final Weight/Volume:	20 mL
Prep Date:	09/25/2014 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	6.6		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)	108		70 - 127
Toluene-d8 (Surr)	117		80 - 125
4-Bromofluorobenzene (Surr)	109		78 - 120
Dibromofluoromethane (Surr)	118		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Client Sample ID: **PIN12-S68D**

Lab Sample ID: 280-60227-31
Client Matrix: Water

Date Sampled: 09/17/2014 1720
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244798	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H4712.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2014 1727			Final Weight/Volume:	20 mL
Prep Date:	09/25/2014 1727				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	9.2	J	1.9	10
Benzene	0.55	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	1.1		0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	54		0.15	1.0
trans-1,2-Dichloroethene	0.81	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

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Client Sample ID: **PIN12-S68D**

Lab Sample ID: 280-60227-31
Client Matrix: Water

Date Sampled: 09/17/2014 1720
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244798	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H4712.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2014 1727			Final Weight/Volume:	20 mL
Prep Date:	09/25/2014 1727				

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	27		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)	98		80 - 125
4-Bromofluorobenzene (Surr)	93		78 - 120
Dibromofluoromethane (Surr)	112		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Client Sample ID: **PIN12-S69B**

Lab Sample ID: 280-60227-32
Client Matrix: Water

Date Sampled: 09/18/2014 0955
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244798	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H4713.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2014 1749			Final Weight/Volume:	20 mL
Prep Date:	09/25/2014 1749				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	8.3	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

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Client Sample ID: **PIN12-S69B**

Lab Sample ID: 280-60227-32
Client Matrix: Water

Date Sampled: 09/18/2014 0955
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244798	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H4713.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2014 1749			Final Weight/Volume:	20 mL
Prep Date:	09/25/2014 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	0.10	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)	99		80 - 125
4-Bromofluorobenzene (Surr)	96		78 - 120
Dibromofluoromethane (Surr)	108		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Client Sample ID: **PIN12-0551-1**

Lab Sample ID: 280-60227-33
Client Matrix: Water

Date Sampled: 09/15/2014 1525
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244798	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H4714.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2014 1811			Final Weight/Volume:	20 mL
Prep Date:	09/25/2014 1811				

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	0.15	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

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Client Sample ID: **PIN12-0551-1**

Lab Sample ID: 280-60227-33
Client Matrix: Water

Date Sampled: 09/15/2014 1525
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244798	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H4714.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2014 1811			Final Weight/Volume:	20 mL
Prep Date:	09/25/2014 1811				

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)	102		80 - 125
4-Bromofluorobenzene (Surr)	98		78 - 120
Dibromofluoromethane (Surr)	114		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Client Sample ID: **PIN12-0561-1**

Lab Sample ID: 280-60227-34
Client Matrix: Water

Date Sampled: 09/13/2014 0836
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244637	Instrument ID:	VMS_P
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P5524.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2014 1332			Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 1332				

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

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Client Sample ID: **PIN12-0561-1**

Lab Sample ID: 280-60227-34
Client Matrix: Water

Date Sampled: 09/13/2014 0836
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244637	Instrument ID:	VMS_P
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P5524.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2014 1332			Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 1332				

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)	99		80 - 125
4-Bromofluorobenzene (Surr)	103		78 - 120
Dibromofluoromethane (Surr)	107		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Client Sample ID: **PIN12-0561-2**

Lab Sample ID: 280-60227-35
Client Matrix: Water

Date Sampled: 09/13/2014 0913
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244637	Instrument ID:	VMS_P
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P5525.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2014 1352			Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 1352				

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

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Client Sample ID: **PIN12-0561-2**

Lab Sample ID: 280-60227-35
Client Matrix: Water

Date Sampled: 09/13/2014 0913
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244637	Instrument ID:	VMS_P
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P5525.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2014 1352			Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 1352				

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)	94		80 - 125
4-Bromofluorobenzene (Surr)	106		78 - 120
Dibromofluoromethane (Surr)	106		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Client Sample ID: **PIN12-0561-3**

Lab Sample ID: 280-60227-36
Client Matrix: Water

Date Sampled: 09/13/2014 1113
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244637	Instrument ID:	VMS_P
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P5526.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2014 1411			Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 1411				

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)	2.0	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	0.38	J B	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

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Client Sample ID: **PIN12-0561-3**

Lab Sample ID: 280-60227-36
Client Matrix: Water

Date Sampled: 09/13/2014 1113
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244637	Instrument ID:	VMS_P
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P5526.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2014 1411			Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 1411				

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)	99		80 - 125
4-Bromofluorobenzene (Surr)	110		78 - 120
Dibromofluoromethane (Surr)	114		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Client Sample ID: **PIN12-0576-1**

Lab Sample ID: 280-60227-37
Client Matrix: Water

Date Sampled: 09/15/2014 1030
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244798	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H4715.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2014 1833			Final Weight/Volume:	20 mL
Prep Date:	09/25/2014 1833				

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	11		0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	6.4		0.15	1.0
trans-1,2-Dichloroethene	0.25	J	0.15	1.0
1,1-Dichloroethene	2.0		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

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Client Sample ID: **PIN12-0576-1**

Lab Sample ID: 280-60227-37
Client Matrix: Water

Date Sampled: 09/15/2014 1030
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244798	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H4715.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2014 1833			Final Weight/Volume:	20 mL
Prep Date:	09/25/2014 1833				

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	9.5		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)	111		70 - 127
Toluene-d8 (Surr)	98		80 - 125
4-Bromofluorobenzene (Surr)	88		78 - 120
Dibromofluoromethane (Surr)	110		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Client Sample ID: **PIN12-0576-2**

Lab Sample ID: 280-60227-38
Client Matrix: Water

Date Sampled: 09/15/2014 1052
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244798	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H4716.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2014 1854			Final Weight/Volume:	20 mL
Prep Date:	09/25/2014 1854				

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	12		0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	7.1		0.15	1.0
trans-1,2-Dichloroethene	0.28	J	0.15	1.0
1,1-Dichloroethene	1.6		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

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Client Sample ID: **PIN12-0576-2**

Lab Sample ID: 280-60227-38
Client Matrix: Water

Date Sampled: 09/15/2014 1052
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244798	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H4716.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2014 1854			Final Weight/Volume:	20 mL
Prep Date:	09/25/2014 1854				

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	9.2		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)	107		70 - 127
Toluene-d8 (Surr)	96		80 - 125
4-Bromofluorobenzene (Surr)	92		78 - 120
Dibromofluoromethane (Surr)	109		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Client Sample ID: **PIN12-0576-3**

Lab Sample ID: 280-60227-39
Client Matrix: Water

Date Sampled: 09/15/2014 1119
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-245229	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS9850.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/29/2014 1432			Final Weight/Volume:	20 mL
Prep Date:	09/29/2014 1432				

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	0.56	J	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.54	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

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Client Sample ID: **PIN12-0576-3**

Lab Sample ID: 280-60227-39
Client Matrix: Water

Date Sampled: 09/15/2014 1119
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-245229	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS9850.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/29/2014 1432			Final Weight/Volume:	20 mL
Prep Date:	09/29/2014 1432				

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	0.93	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)	102		70 - 127
Toluene-d8 (Surr)	99		80 - 125
4-Bromofluorobenzene (Surr)	96		78 - 120
Dibromofluoromethane (Surr)	100		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Client Sample ID: **PIN12-0577-1**

Lab Sample ID: 280-60227-40
Client Matrix: Water

Date Sampled: 09/15/2014 1346
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-245229	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS9851.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/29/2014 1456			Final Weight/Volume:	20 mL
Prep Date:	09/29/2014 1456				

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

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Client Sample ID: **PIN12-0577-1**

Lab Sample ID: 280-60227-40
Client Matrix: Water

Date Sampled: 09/15/2014 1346
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-245229	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS9851.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/29/2014 1456			Final Weight/Volume:	20 mL
Prep Date:	09/29/2014 1456				

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)	103		80 - 125
4-Bromofluorobenzene (Surr)	99		78 - 120
Dibromofluoromethane (Surr)	105		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Client Sample ID: **PIN12-0577-2**

Lab Sample ID: 280-60227-41
Client Matrix: Water

Date Sampled: 09/15/2014 1408
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244985	Instrument ID:	VMS_Z
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Z0979.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/26/2014 1146			Final Weight/Volume:	20 mL
Prep Date:	09/26/2014 1146				

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

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Client Sample ID: **PIN12-0577-2**

Lab Sample ID: 280-60227-41
Client Matrix: Water

Date Sampled: 09/15/2014 1408
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244985	Instrument ID:	VMS_Z
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Z0979.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/26/2014 1146			Final Weight/Volume:	20 mL
Prep Date:	09/26/2014 1146				

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	0.49	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	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)	80		70 - 127
Toluene-d8 (Surr)	96		80 - 125
4-Bromofluorobenzene (Surr)	98		78 - 120
Dibromofluoromethane (Surr)	81		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Client Sample ID: **PIN12-0577-3**

Lab Sample ID: 280-60227-42
Client Matrix: Water

Date Sampled: 09/15/2014 1430
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244985	Instrument ID:	VMS_Z
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Z0980.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/26/2014 1210			Final Weight/Volume:	20 mL
Prep Date:	09/26/2014 1210				

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

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Client Sample ID: **PIN12-0577-3**

Lab Sample ID: 280-60227-42
Client Matrix: Water

Date Sampled: 09/15/2014 1430
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244985	Instrument ID:	VMS_Z
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Z0980.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/26/2014 1210			Final Weight/Volume:	20 mL
Prep Date:	09/26/2014 1210				

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	0.42	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	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)	85		70 - 127
Toluene-d8 (Surr)	97		80 - 125
4-Bromofluorobenzene (Surr)	99		78 - 120
Dibromofluoromethane (Surr)	83		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Client Sample ID: **PIN12-0580-3**

Lab Sample ID: 280-60227-21
Client Matrix: Water

Date Sampled: 09/16/2014 1545
Date Received: 09/19/2014 0925

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

Analysis Method:	8260B SIM	Analysis Batch:	280-244993	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E5867.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	09/26/2014 1837			Final Weight/Volume:	20 mL
Prep Date:	09/26/2014 1837				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	34		0.88	4.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	83		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Client Sample ID: **PIN12-0583-1**

Lab Sample ID: 280-60227-22
Client Matrix: Water

Date Sampled: 09/16/2014 0825
Date Received: 09/19/2014 0925

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

Analysis Method:	8260B SIM	Analysis Batch:	280-244868	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E5827.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2014 2012			Final Weight/Volume:	20 mL
Prep Date:	09/25/2014 2012				

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

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Client Sample ID: **PIN12-0583-2**

Lab Sample ID: 280-60227-23
Client Matrix: Water

Date Sampled: 09/16/2014 0849
Date Received: 09/19/2014 0925

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

Analysis Method:	8260B SIM	Analysis Batch:	280-244868	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E5828.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2014 2030			Final Weight/Volume:	20 mL
Prep Date:	09/25/2014 2030				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	3.0		0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	87		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Client Sample ID: **PIN12-0583-3**

Lab Sample ID: 280-60227-24
Client Matrix: Water

Date Sampled: 09/16/2014 0940
Date Received: 09/19/2014 0925

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

Analysis Method:	8260B SIM	Analysis Batch:	280-244868	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E5829.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2014 2049			Final Weight/Volume:	20 mL
Prep Date:	09/25/2014 2049				

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)	86		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Client Sample ID: **PIN12-0586-1**

Lab Sample ID: 280-60227-25
Client Matrix: Water

Date Sampled: 09/18/2014 1142
Date Received: 09/19/2014 0925

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

Analysis Method:	8260B SIM	Analysis Batch:	280-245469	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E5931.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/30/2014 1221			Final Weight/Volume:	20 mL
Prep Date:	09/30/2014 1221				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	10		0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	88		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Client Sample ID: **PIN12-0586-2**

Lab Sample ID: 280-60227-26
Client Matrix: Water

Date Sampled: 09/18/2014 1230
Date Received: 09/19/2014 0925

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

Analysis Method:	8260B SIM	Analysis Batch:	280-245469	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E5932.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/30/2014 1239			Final Weight/Volume:	20 mL
Prep Date:	09/30/2014 1239				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	3.6		0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	89		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Client Sample ID: **PIN12-0586-3**

Lab Sample ID: 280-60227-27
Client Matrix: Water

Date Sampled: 09/18/2014 1325
Date Received: 09/19/2014 0925

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

Analysis Method:	8260B SIM	Analysis Batch:	280-245658	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E5961.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	10/01/2014 1056			Final Weight/Volume:	20 mL
Prep Date:	10/01/2014 1056				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.47	J	0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	88		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Client Sample ID: **PIN12-S68B**

Lab Sample ID: 280-60227-29
Client Matrix: Water

Date Sampled: 09/17/2014 1535
Date Received: 09/19/2014 0925

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

Analysis Method:	8260B SIM	Analysis Batch:	280-245222	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E5891.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/29/2014 1304			Final Weight/Volume:	20 mL
Prep Date:	09/29/2014 1304				

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

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Client Sample ID: **PIN12-S68C**

Lab Sample ID: 280-60227-30
Client Matrix: Water

Date Sampled: 09/17/2014 1625
Date Received: 09/19/2014 0925

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

Analysis Method:	8260B SIM	Analysis Batch:	280-245222	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E5892.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/29/2014 1321			Final Weight/Volume:	20 mL
Prep Date:	09/29/2014 1321				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	5.8		0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	91		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Client Sample ID: **PIN12-S68D**

Lab Sample ID: 280-60227-31
Client Matrix: Water

Date Sampled: 09/17/2014 1720
Date Received: 09/19/2014 0925

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

Analysis Method:	8260B SIM	Analysis Batch:	280-245222	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E5895.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/29/2014 1415			Final Weight/Volume:	20 mL
Prep Date:	09/29/2014 1415				

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)	86		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Client Sample ID: **PIN12-S69B**

Lab Sample ID: 280-60227-32
Client Matrix: Water

Date Sampled: 09/18/2014 0955
Date Received: 09/19/2014 0925

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

Analysis Method:	8260B SIM	Analysis Batch:	280-245469	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E5933.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/30/2014 1302			Final Weight/Volume:	20 mL
Prep Date:	09/30/2014 1302				

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)	92		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Client Sample ID: **PIN12-0551-1**

Lab Sample ID: 280-60227-33
Client Matrix: Water

Date Sampled: 09/15/2014 1525
Date Received: 09/19/2014 0925

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

Analysis Method:	8260B SIM	Analysis Batch:	280-244426	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E5737.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2014 1748			Final Weight/Volume:	20 mL
Prep Date:	09/23/2014 1748				

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

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Client Sample ID: **PIN12-0561-1**

Lab Sample ID: 280-60227-34
Client Matrix: Water

Date Sampled: 09/13/2014 0836
Date Received: 09/19/2014 0925

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

Analysis Method:	8260B SIM	Analysis Batch:	280-244189	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E5687.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/22/2014 1320			Final Weight/Volume:	20 mL
Prep Date:	09/22/2014 1320				

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)	103		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Client Sample ID: **PIN12-0561-2**

Lab Sample ID: 280-60227-35
Client Matrix: Water

Date Sampled: 09/13/2014 0913
Date Received: 09/19/2014 0925

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

Analysis Method:	8260B SIM	Analysis Batch:	280-244189	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E5688.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/22/2014 1338			Final Weight/Volume:	20 mL
Prep Date:	09/22/2014 1338				

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

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Client Sample ID: **PIN12-0561-3**

Lab Sample ID: 280-60227-36
Client Matrix: Water

Date Sampled: 09/13/2014 1113
Date Received: 09/19/2014 0925

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

Analysis Method:	8260B SIM	Analysis Batch:	280-244189	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E5689.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/22/2014 1356			Final Weight/Volume:	20 mL
Prep Date:	09/22/2014 1356				

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)	106		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Client Sample ID: **PIN12-0576-1**

Lab Sample ID: 280-60227-37
Client Matrix: Water

Date Sampled: 09/15/2014 1030
Date Received: 09/19/2014 0925

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

Analysis Method:	8260B SIM	Analysis Batch:	280-244628	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E5760.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	09/24/2014 1157			Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 1157				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	33		0.88	4.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	98		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Client Sample ID: **PIN12-0576-2**

Lab Sample ID: 280-60227-38
Client Matrix: Water

Date Sampled: 09/15/2014 1052
Date Received: 09/19/2014 0925

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

Analysis Method:	8260B SIM	Analysis Batch:	280-244628	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E5761.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	09/24/2014 1215			Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 1215				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	32		0.88	4.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Client Sample ID: **PIN12-0576-3**

Lab Sample ID: 280-60227-39
Client Matrix: Water

Date Sampled: 09/15/2014 1119
Date Received: 09/19/2014 0925

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

Analysis Method:	8260B SIM	Analysis Batch:	280-244426	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E5740.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2014 1843			Final Weight/Volume:	20 mL
Prep Date:	09/23/2014 1843				

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)	99		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Client Sample ID: **PIN12-0577-1**

Lab Sample ID: 280-60227-40
Client Matrix: Water

Date Sampled: 09/15/2014 1346
Date Received: 09/19/2014 0925

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

Analysis Method:	8260B SIM	Analysis Batch:	280-244426	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E5741.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2014 1902			Final Weight/Volume:	20 mL
Prep Date:	09/23/2014 1902				

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)	99		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Client Sample ID: **PIN12-0577-2**

Lab Sample ID: 280-60227-41
Client Matrix: Water

Date Sampled: 09/15/2014 1408
Date Received: 09/19/2014 0925

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

Analysis Method:	8260B SIM	Analysis Batch:	280-244628	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E5762.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2014 1234			Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 1234				

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)	100		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Client Sample ID: **PIN12-0577-3**

Lab Sample ID: 280-60227-42
Client Matrix: Water

Date Sampled: 09/15/2014 1430
Date Received: 09/19/2014 0925

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

Analysis Method:	8260B SIM	Analysis Batch:	280-244628	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E5763.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2014 1252			Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 1252				

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

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
280-60227-21	PIN12-0580-3	114	115	106	99
280-60227-22	PIN12-0583-1	109	109	96	92
280-60227-23	PIN12-0583-2	109	105	97	95
280-60227-24	PIN12-0583-3	112	110	102	97
280-60227-25	PIN12-0586-1	91	95	83	78
280-60227-26	PIN12-0586-2	107	112	96	91
280-60227-27	PIN12-0586-3	104	101	96	90
280-60227-28	PIN99-2523	106	103	96	87
280-60227-29	PIN12-S68B	108	93	96	105
280-60227-30	PIN12-S68C	118	108	117	109
280-60227-31	PIN12-S68D	112	117	98	93
280-60227-32	PIN12-S69B	108	106	99	96
280-60227-33	PIN12-0551-1	114	113	102	98
280-60227-34	PIN12-0561-1	107	115	99	103
280-60227-35	PIN12-0561-2	106	117	94	106
280-60227-36	PIN12-0561-3	114	126	99	110
280-60227-37	PIN12-0576-1	110	111	98	88
280-60227-38	PIN12-0576-2	109	107	96	92
280-60227-39	PIN12-0576-3	100	102	99	96
280-60227-40	PIN12-0577-1	105	105	103	99
280-60227-41	PIN12-0577-2	81	80	96	98
280-60227-42	PIN12-0577-3	83	85	97	99
MB 280-244637/6		111	120	106	115
MB 280-244798/6		107	101	102	95
MB 280-244985/6		78	76	91	93
MB 280-245229/5		106	106	104	98
MB 280-245473/6		103	88	97	101
LCS 280-244637/4		98	105	98	100
LCS 280-244798/4		108	114	104	89

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

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

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
LCS 280-244985/4		80	78	102	95
LCS 280-245229/4		105	105	102	101
LCS 280-245473/4		102	93	103	97
280-60227-21 MS	PIN12-0580-3 MS	116	119	114	96
280-60005-D-1 MS		108	115	106	110
280-60339-C-2 MS		84	83	104	99
280-60095-C-1 MS		102	103	100	92
280-60114-L-3 MS		109	95	116	104
280-60227-21 MSD	PIN12-0580-3 MSD	108	110	108	90
280-60005-D-1 MSD		99	108	96	104
280-60339-C-2 MSD		79	83	105	100
280-60095-C-1 MSD		97	98	96	90
280-60114-M-3 MSD		101	92	104	97

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

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Surrogate Recovery Report

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

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCA %Rec
280-60227-21	PIN12-0580-3	83
280-60227-22	PIN12-0583-1	90
280-60227-23	PIN12-0583-2	87
280-60227-24	PIN12-0583-3	86
280-60227-25	PIN12-0586-1	88
280-60227-26	PIN12-0586-2	89
280-60227-27	PIN12-0586-3	88
280-60227-29	PIN12-S68B	87
280-60227-30	PIN12-S68C	91
280-60227-31	PIN12-S68D	86
280-60227-32	PIN12-S69B	92
280-60227-33	PIN12-0551-1	97
280-60227-34	PIN12-0561-1	103
280-60227-35	PIN12-0561-2	101
280-60227-36	PIN12-0561-3	106
280-60227-37	PIN12-0576-1	98
280-60227-38	PIN12-0576-2	97
280-60227-39	PIN12-0576-3	99
280-60227-40	PIN12-0577-1	99
280-60227-41	PIN12-0577-2	100
280-60227-42	PIN12-0577-3	101
MB 280-244189/5		100
MB 280-244426/5		94
MB 280-244628/5		97
MB 280-244868/19		98
MB 280-244993/5		92
MB 280-245222/5		87
MB 280-245469/5		86
MB 280-245658/5		86

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	70-127

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Surrogate Recovery Report

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

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCA %Rec
LCS 280-244189/3		108
LCS 280-244426/3		100
LCS 280-244628/3		98
LCS 280-244868/15		99
LCS 280-244993/3		92
LCS 280-245222/3		84
LCS 280-245469/3		84
LCS 280-245658/3		89
LCSD 280-244189/4		103
LCSD 280-244426/4		95
LCSD 280-244628/4		99
LCSD 280-244868/16		100
280-60227-B-2 MS		109
280-60230-C-1 MS		97
280-60227-B-11 MS		96
280-60122-J-13 MS		88
280-60227-B-62 MS		92
280-60227-D-81 MS		89
280-60227-A-79 MS		92
280-60227-B-2 MSD		106
280-60230-C-1 MSD		97
280-60227-B-11 MSD		96
280-60122-J-13 MSD		88
280-60227-B-62 MSD		96
280-60227-D-81 MSD		89
280-60227-A-79 MSD		90

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	70-127

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Method Blank - Batch: 280-244637

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-244637/6	Analysis Batch:	280-244637	Instrument ID:	VMS_P
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P5514.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2014 1004	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 1004				
Leach Date:	N/A				

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	0.694	J	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Method Blank - Batch: 280-244637

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-244637/6	Analysis Batch:	280-244637	Instrument ID:	VMS_P
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P5514.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2014 1004	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 1004				
Leach Date:	N/A				

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)	120	70 - 127
Toluene-d8 (Surr)	106	80 - 125
4-Bromofluorobenzene (Surr)	115	78 - 120
Dibromofluoromethane (Surr)	111	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Lab Control Sample - Batch: 280-244637

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 280-244637/4	Analysis Batch:	280-244637	Instrument ID:	VMS_P
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P5513.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2014 0945	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 0945				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	5.00	5.09	102	74 - 135	
Bromodichloromethane	5.00	5.09	102	73 - 135	
Carbon tetrachloride	5.00	6.67	133	67 - 135	
Chlorobenzene	5.00	5.16	103	76 - 135	
Chloroform	5.00	5.53	111	76 - 120	
1,3-Dichlorobenzene	5.00	5.06	101	74 - 135	
1,1-Dichloroethane	5.00	5.48	110	75 - 135	
trans-1,2-Dichloroethene	5.00	5.75	115	75 - 135	
1,1-Dichloroethene	5.00	5.33	107	71 - 136	
1,2-Dichloropropane	5.00	4.90	98	71 - 120	
Ethylbenzene	5.00	5.35	107	72 - 120	
Methylene Chloride	5.00	4.76	95	54 - 141	
Tetrachloroethene	5.00	5.65	113	70 - 135	
Toluene	5.00	5.33	107	73 - 120	
1,1,1-Trichloroethane	5.00	6.40	128	70 - 135	
Trichloroethene	5.00	5.44	109	73 - 135	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	105	70 - 127
Toluene-d8 (Surr)	98	80 - 125
4-Bromofluorobenzene (Surr)	100	78 - 120
Dibromofluoromethane (Surr)	98	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-244637

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-60005-D-1 MS	Analysis Batch:	280-244637	Instrument ID:	VMS_P
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P5518.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2014 1134			Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 1134				20 mL
Leach Date:	N/A				

MSD Lab Sample ID:	280-60005-D-1 MSD	Analysis Batch:	280-244637	Instrument ID:	VMS_P
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P5519.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2014 1153			Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 1153				20 mL
Leach Date:	N/A				

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	113	104	74 - 135	8	20		
Bromodichloromethane	118	110	73 - 135	7	20		
Carbon tetrachloride	152	136	67 - 135	11	21	F1	F1
Chlorobenzene	112	104	76 - 135	7	20		
Chloroform	124	115	76 - 120	7	20	F1	
1,3-Dichlorobenzene	112	106	74 - 135	5	20		
1,1-Dichloroethane	122	113	75 - 135	8	21		
trans-1,2-Dichloroethene	127	114	75 - 135	10	24		
1,1-Dichloroethene	115	99	71 - 136	15	20		
1,2-Dichloropropane	108	100	71 - 120	8	20		
Ethylbenzene	117	106	72 - 120	10	26		
Methylene Chloride	94	87	54 - 141	7	20		
Tetrachloroethene	124	116	70 - 135	7	20		
Toluene	116	108	73 - 120	7	20		
1,1,1-Trichloroethane	145	130	70 - 135	11	20	F1	
Trichloroethene	123	109	73 - 135	11	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	115	108	70 - 127
Toluene-d8 (Surr)	106	96	80 - 125
4-Bromofluorobenzene (Surr)	110	104	78 - 120
Dibromofluoromethane (Surr)	108	99	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-244637

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-60005-D-1 MS	Units:	ug/L	MSD Lab Sample ID:	280-60005-D-1 MSD
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/24/2014 1134			Analysis Date:	09/24/2014 1153
Prep Date:	09/24/2014 1134			Prep Date:	09/24/2014 1153
Leach Date:	N/A			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	5.63		5.21	
Bromodichloromethane	0.17	U	5.00	5.00	5.89		5.51	
Carbon tetrachloride	0.19	U	5.00	5.00	7.60	F1	6.82	F1
Chlorobenzene	0.17	U	5.00	5.00	5.61		5.21	
Chloroform	0.16	U	5.00	5.00	6.19	F1	5.75	
1,3-Dichlorobenzene	0.13	U	5.00	5.00	5.62		5.32	
1,1-Dichloroethane	0.22	U	5.00	5.00	6.10		5.65	
trans-1,2-Dichloroethene	0.15	U	5.00	5.00	6.33		5.70	
1,1-Dichloroethene	0.23	U	5.00	5.00	5.75		4.97	
1,2-Dichloropropane	0.18	U	5.00	5.00	5.38		4.99	
Ethylbenzene	0.16	U	5.00	5.00	5.84		5.29	
Methylene Chloride	0.36	J	5.00	5.00	5.03		4.70	
Tetrachloroethene	0.20	U	5.00	5.00	6.22		5.81	
Toluene	0.17	U	5.00	5.00	5.79		5.40	
1,1,1-Trichloroethane	0.16	U	5.00	5.00	7.26	F1	6.52	
Trichloroethene	0.16	U	5.00	5.00	6.13		5.47	

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Method Blank - Batch: 280-244798

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-244798/6	Analysis Batch:	280-244798	Instrument ID:	VMS_H
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	H4692.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2014 0955	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/25/2014 0955				
Leach Date:	N/A				

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

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Method Blank - Batch: 280-244798

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-244798/6	Analysis Batch:	280-244798	Instrument ID:	VMS_H
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	H4692.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2014 0955	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/25/2014 0955				
Leach Date:	N/A				

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)	101	70 - 127
Toluene-d8 (Surr)	102	80 - 125
4-Bromofluorobenzene (Surr)	95	78 - 120
Dibromofluoromethane (Surr)	107	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Lab Control Sample - Batch: 280-244798

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 280-244798/4	Analysis Batch:	280-244798	Instrument ID:	VMS_H
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	H4690.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2014 0853	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/25/2014 0853				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	5.00	4.34	87	74 - 135	
Bromodichloromethane	5.00	4.59	92	73 - 135	
Carbon tetrachloride	5.00	5.32	106	67 - 135	
Chlorobenzene	5.00	4.38	88	76 - 135	
Chloroform	5.00	4.95	99	76 - 120	
1,3-Dichlorobenzene	5.00	4.18	84	74 - 135	
1,1-Dichloroethane	5.00	4.32	86	75 - 135	
trans-1,2-Dichloroethene	5.00	4.50	90	75 - 135	
1,1-Dichloroethene	5.00	4.28	86	71 - 136	
1,2-Dichloropropane	5.00	4.08	82	71 - 120	
Ethylbenzene	5.00	4.36	87	72 - 120	
Methylene Chloride	5.00	4.13	83	54 - 141	
Tetrachloroethene	5.00	4.71	94	70 - 135	
Toluene	5.00	4.56	91	73 - 120	
1,1,1-Trichloroethane	5.00	4.90	98	70 - 135	
Trichloroethene	5.00	4.79	96	73 - 135	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	114	70 - 127
Toluene-d8 (Surr)	104	80 - 125
4-Bromofluorobenzene (Surr)	89	78 - 120
Dibromofluoromethane (Surr)	108	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-244798

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-60227-21	Analysis Batch:	280-244798	Instrument ID:	VMS_H
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	H4696.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2014 1139			Final Weight/Volume:	20 mL
Prep Date:	09/25/2014 1139				20 mL
Leach Date:	N/A				

MSD Lab Sample ID:	280-60227-21	Analysis Batch:	280-244798	Instrument ID:	VMS_H
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	H4697.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2014 1201			Final Weight/Volume:	20 mL
Prep Date:	09/25/2014 1201				20 mL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	94	89	74 - 135	6	20		
Bromodichloromethane	96	90	73 - 135	6	20		
Carbon tetrachloride	118	111	67 - 135	6	21		
Chlorobenzene	94	88	76 - 135	7	20		
Chloroform	107	98	76 - 120	8	20		
1,3-Dichlorobenzene	90	84	74 - 135	7	20		
1,1-Dichloroethane	96	85	75 - 135	7	21		
trans-1,2-Dichloroethene	110	96	75 - 135	8	24		
1,1-Dichloroethene	105	117	71 - 136	10	20		
1,2-Dichloropropane	92	83	71 - 120	11	20		
Ethylbenzene	94	90	72 - 120	5	26		
Methylene Chloride	103	98	54 - 141	5	20		
Tetrachloroethene	107	100	70 - 135	7	20		
Toluene	100	93	73 - 120	8	20		
1,1,1-Trichloroethane	113	105	70 - 135	7	20		
Trichloroethene	105	97	73 - 135	8	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	119	110	70 - 127
Toluene-d8 (Surr)	114	108	80 - 125
4-Bromofluorobenzene (Surr)	96	90	78 - 120
Dibromofluoromethane (Surr)	116	108	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-244798

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-60227-21	Units:	ug/L	MSD Lab Sample ID:	280-60227-21
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/25/2014 1139			Analysis Date:	09/25/2014 1201
Prep Date:	09/25/2014 1139			Prep Date:	09/25/2014 1201
Leach Date:	N/A			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	4.72	4.43
Bromodichloromethane	0.17	U	5.00	5.00	4.81	4.52
Carbon tetrachloride	0.19	U	5.00	5.00	5.89	5.55
Chlorobenzene	0.17	U	5.00	5.00	4.68	4.38
Chloroform	0.16	U	5.00	5.00	5.33	4.91
1,3-Dichlorobenzene	0.13	U	5.00	5.00	4.51	4.22
1,1-Dichloroethane	3.1		5.00	5.00	7.85	7.31
trans-1,2-Dichloroethene	3.4		5.00	5.00	8.95	8.23
1,1-Dichloroethene	0.23	J	5.00	5.00	5.50	6.09
1,2-Dichloropropane	0.18	U	5.00	5.00	4.62	4.15
Ethylbenzene	0.16	U	5.00	5.00	4.72	4.49
Methylene Chloride	0.32	U	5.00	5.00	5.16	4.92
Tetrachloroethene	0.20	U	5.00	5.00	5.35	5.01
Toluene	0.17	U	5.00	5.00	5.00	4.63
1,1,1-Trichloroethane	0.16	U	5.00	5.00	5.63	5.25
Trichloroethene	0.16	U	5.00	5.00	5.25	4.85

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Method Blank - Batch: 280-244985

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-244985/6	Analysis Batch:	280-244985	Instrument ID:	VMS_Z
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	Z0969.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/26/2014 0751	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/26/2014 0751				
Leach Date:	N/A				

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

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Method Blank - Batch: 280-244985

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-244985/6	Analysis Batch:	280-244985	Instrument ID:	VMS_Z
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	Z0969.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/26/2014 0751	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/26/2014 0751				
Leach Date:	N/A				

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)	76	70 - 127
Toluene-d8 (Surr)	91	80 - 125
4-Bromofluorobenzene (Surr)	93	78 - 120
Dibromofluoromethane (Surr)	78	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Lab Control Sample - Batch: 280-244985

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 280-244985/4	Analysis Batch:	280-244985	Instrument ID:	VMS_Z
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	Z0968.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/26/2014 0728	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/26/2014 0728				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	5.00	4.64	93	74 - 135	
Bromodichloromethane	5.00	4.37	87	73 - 135	
Carbon tetrachloride	5.00	5.26	105	67 - 135	
Chlorobenzene	5.00	5.55	111	76 - 135	
Chloroform	5.00	4.77	95	76 - 120	
1,3-Dichlorobenzene	5.00	5.18	104	74 - 135	
1,1-Dichloroethane	5.00	4.70	94	75 - 135	
trans-1,2-Dichloroethene	5.00	4.85	97	75 - 135	
1,1-Dichloroethene	5.00	4.57	91	71 - 136	
1,2-Dichloropropane	5.00	4.74	95	71 - 120	
Ethylbenzene	5.00	5.65	113	72 - 120	
Methylene Chloride	5.00	4.10	82	54 - 141	
Tetrachloroethene	5.00	5.92	118	70 - 135	
Toluene	5.00	4.93	99	73 - 120	
1,1,1-Trichloroethane	5.00	5.03	101	70 - 135	
Trichloroethene	5.00	5.08	102	73 - 135	

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

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-244985

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-60339-C-2 MS	Analysis Batch:	280-244985	Instrument ID:	VMS_Z
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	Z0976.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/26/2014 1036			Final Weight/Volume:	20 mL
Prep Date:	09/26/2014 1036				20 mL/100g
Leach Date:	N/A				

MSD Lab Sample ID:	280-60339-C-2 MSD	Analysis Batch:	280-244985	Instrument ID:	VMS_Z
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	Z0977.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/26/2014 1100			Final Weight/Volume:	20 mL
Prep Date:	09/26/2014 1100				20 mL/100g
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	93	95	74 - 135	2	20		
Bromodichloromethane	93	93	73 - 135	0	20		
Carbon tetrachloride	103	105	67 - 135	2	21		
Chlorobenzene	108	112	76 - 135	3	20		
Chloroform	98	100	76 - 120	2	20		
1,3-Dichlorobenzene	108	111	74 - 135	3	20		
1,1-Dichloroethane	96	98	75 - 135	2	21		
trans-1,2-Dichloroethene	96	98	75 - 135	2	24		
1,1-Dichloroethene	92	96	71 - 136	5	20		
1,2-Dichloropropane	98	103	71 - 120	5	20		
Ethylbenzene	108	111	72 - 120	3	26		
Methylene Chloride	79	82	54 - 141	5	20		
Tetrachloroethene	117	121	70 - 135	3	20		
Toluene	99	102	73 - 120	3	20		
1,1,1-Trichloroethane	100	101	70 - 135	1	20		
Trichloroethene	-121	-169	73 - 135	2	20	E 4	E 4

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	83	83	70 - 127
Toluene-d8 (Surr)	104	105	80 - 125
4-Bromofluorobenzene (Surr)	99	100	78 - 120
Dibromofluoromethane (Surr)	84	79	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-244985

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-60339-C-2 MS	Units: ug/L	MSD Lab Sample ID:	280-60339-C-2 MSD	
Client Matrix:	Water		Client Matrix:	Water	
Dilution:	1.0		Dilution:	1.0	
Analysis Date:	09/26/2014 1036		Analysis Date:	09/26/2014 1100	
Prep Date:	09/26/2014 1036		Prep Date:	09/26/2014 1100	
Leach Date:	N/A		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		4.77	
Bromodichloromethane	0.17	U	5.00	5.00	4.63		4.63	
Carbon tetrachloride	0.19	U	5.00	5.00	5.15		5.25	
Chlorobenzene	0.17	U	5.00	5.00	5.41		5.58	
Chloroform	0.16	U	5.00	5.00	4.88		5.00	
1,3-Dichlorobenzene	0.13	U	5.00	5.00	5.39		5.53	
1,1-Dichloroethane	0.22	U	5.00	5.00	4.78		4.88	
trans-1,2-Dichloroethene	0.15	U	5.00	5.00	4.80		4.90	
1,1-Dichloroethene	0.23	U	5.00	5.00	4.58		4.79	
1,2-Dichloropropane	0.18	U	5.00	5.00	4.89		5.16	
Ethylbenzene	0.16	U	5.00	5.00	5.39		5.54	
Methylene Chloride	0.32	U	5.00	5.00	3.93		4.12	
Tetrachloroethene	0.20	U	5.00	5.00	5.87		6.07	
Toluene	0.17	U	5.00	5.00	4.97		5.12	
1,1,1-Trichloroethane	0.16	U	5.00	5.00	5.00		5.06	
Trichloroethene	150		5.00	5.00	148	E 4	146	E 4

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Method Blank - Batch: 280-245229

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-245229/5	Analysis Batch:	280-245229	Instrument ID:	VMS_MS1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	MS9840.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/29/2014 1020	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/29/2014 1020				
Leach Date:	N/A				

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	0.630	J	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Method Blank - Batch: 280-245229

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-245229/5	Analysis Batch:	280-245229	Instrument ID:	VMS_MS1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	MS9840.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/29/2014 1020	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/29/2014 1020				
Leach Date:	N/A				

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)	106	70 - 127
Toluene-d8 (Surr)	104	80 - 125
4-Bromofluorobenzene (Surr)	98	78 - 120
Dibromofluoromethane (Surr)	106	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Lab Control Sample - Batch: 280-245229

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 280-245229/4	Analysis Batch:	280-245229	Instrument ID:	VMS_MS1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	MS9839.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/29/2014 0956	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/29/2014 0956				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	5.00	5.14	103	74 - 135	
Bromodichloromethane	5.00	4.86	97	73 - 135	
Carbon tetrachloride	5.00	5.00	100	67 - 135	
Chlorobenzene	5.00	4.94	99	76 - 135	
Chloroform	5.00	5.08	102	76 - 120	
1,3-Dichlorobenzene	5.00	5.06	101	74 - 135	
1,1-Dichloroethane	5.00	5.35	107	75 - 135	
trans-1,2-Dichloroethene	5.00	5.19	104	75 - 135	
1,1-Dichloroethene	5.00	4.78	96	71 - 136	
1,2-Dichloropropane	5.00	5.03	101	71 - 120	
Ethylbenzene	5.00	4.85	97	72 - 120	
Methylene Chloride	5.00	5.13	103	54 - 141	
Tetrachloroethene	5.00	4.79	96	70 - 135	
Toluene	5.00	5.09	102	73 - 120	
1,1,1-Trichloroethane	5.00	4.99	100	70 - 135	
Trichloroethene	5.00	4.93	99	73 - 135	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	105	70 - 127
Toluene-d8 (Surr)	102	80 - 125
4-Bromofluorobenzene (Surr)	101	78 - 120
Dibromofluoromethane (Surr)	105	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-245229

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-60095-C-1 MS	Analysis Batch:	280-245229	Instrument ID:	VMS_MS1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	MS9847.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/29/2014 1322			Final Weight/Volume:	20 mL
Prep Date:	09/29/2014 1322				20 mL
Leach Date:	N/A				

MSD Lab Sample ID:	280-60095-C-1 MSD	Analysis Batch:	280-245229	Instrument ID:	VMS_MS1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	MS9848.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/29/2014 1345			Final Weight/Volume:	20 mL
Prep Date:	09/29/2014 1345				20 mL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	100	98	74 - 135	2	20		
Bromodichloromethane	96	93	73 - 135	3	20		
Carbon tetrachloride	91	91	67 - 135	0	21		
Chlorobenzene	99	97	76 - 135	2	20		
Chloroform	100	99	76 - 120	2	20		
1,3-Dichlorobenzene	93	92	74 - 135	1	20		
1,1-Dichloroethane	102	98	75 - 135	2	21		
trans-1,2-Dichloroethene	98	98	75 - 135	0	24		
1,1-Dichloroethene	85	86	71 - 136	1	20		
1,2-Dichloropropane	99	96	71 - 120	2	20		
Ethylbenzene	94	92	72 - 120	2	26		
Methylene Chloride	91	91	54 - 141	0	20		
Tetrachloroethene	89	90	70 - 135	1	20		
Toluene	97	94	73 - 120	3	20		
1,1,1-Trichloroethane	92	92	70 - 135	1	20		
Trichloroethene	91	89	73 - 135	1	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103	98	70 - 127
Toluene-d8 (Surr)	100	96	80 - 125
4-Bromofluorobenzene (Surr)	92	90	78 - 120
Dibromofluoromethane (Surr)	102	97	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-245229

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-60095-C-1 MS	Units:	ug/L	MSD Lab Sample ID:	280-60095-C-1 MSD
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/29/2014 1322			Analysis Date:	09/29/2014 1345
Prep Date:	09/29/2014 1322			Prep Date:	09/29/2014 1345
Leach Date:	N/A			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	5.01	4.91
Bromodichloromethane	0.17	U	5.00	5.00	4.80	4.67
Carbon tetrachloride	0.19	U	5.00	5.00	4.56	4.57
Chlorobenzene	0.17	U	5.00	5.00	4.97	4.86
Chloroform	0.16	U	5.00	5.00	5.01	4.93
1,3-Dichlorobenzene	0.13	U	5.00	5.00	4.64	4.58
1,1-Dichloroethane	2.8		5.00	5.00	7.92	7.73
trans-1,2-Dichloroethene	0.15	U	5.00	5.00	4.90	4.91
1,1-Dichloroethene	1.7		5.00	5.00	6.01	6.06
1,2-Dichloropropane	0.18	U	5.00	5.00	4.94	4.82
Ethylbenzene	0.16	U	5.00	5.00	4.72	4.62
Methylene Chloride	0.32	U	5.00	5.00	4.57	4.55
Tetrachloroethene	0.44	J	5.00	5.00	4.89	4.93
Toluene	0.17	U	5.00	5.00	4.84	4.72
1,1,1-Trichloroethane	0.16	U	5.00	5.00	4.58	4.61
Trichloroethene	2.2		5.00	5.00	6.76	6.67

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Method Blank - Batch: 280-245473

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-245473/6	Analysis Batch:	280-245473	Instrument ID:	VMS_H
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	H4860.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/30/2014 0916	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/30/2014 0916				
Leach Date:	N/A				

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

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Method Blank - Batch: 280-245473

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-245473/6	Analysis Batch:	280-245473	Instrument ID:	VMS_H
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	H4860.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/30/2014 0916	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/30/2014 0916				
Leach Date:	N/A				

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)	88	70 - 127
Toluene-d8 (Surr)	97	80 - 125
4-Bromofluorobenzene (Surr)	101	78 - 120
Dibromofluoromethane (Surr)	103	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Lab Control Sample - Batch: 280-245473

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 280-245473/4	Analysis Batch:	280-245473	Instrument ID:	VMS_H
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	H4861.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/30/2014 1013	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/30/2014 1013				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	5.00	4.71	94	74 - 135	
Bromodichloromethane	5.00	4.51	90	73 - 135	
Carbon tetrachloride	5.00	4.77	95	67 - 135	
Chlorobenzene	5.00	5.01	100	76 - 135	
Chloroform	5.00	4.75	95	76 - 120	
1,3-Dichlorobenzene	5.00	4.57	91	74 - 135	
1,1-Dichloroethane	5.00	4.76	95	75 - 135	
trans-1,2-Dichloroethene	5.00	4.88	98	75 - 135	
1,1-Dichloroethene	5.00	4.60	92	71 - 136	
1,2-Dichloropropane	5.00	4.63	93	71 - 120	
Ethylbenzene	5.00	4.84	97	72 - 120	
Methylene Chloride	5.00	4.83	97	54 - 141	
Tetrachloroethene	5.00	4.95	99	70 - 135	
Toluene	5.00	4.79	96	73 - 120	
1,1,1-Trichloroethane	5.00	4.61	92	70 - 135	
Trichloroethene	5.00	4.54	91	73 - 135	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93	70 - 127
Toluene-d8 (Surr)	103	80 - 125
4-Bromofluorobenzene (Surr)	97	78 - 120
Dibromofluoromethane (Surr)	102	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-245473

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-60114-L-3 MS	Analysis Batch:	280-245473	Instrument ID:	VMS_H
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	H4884.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/30/2014 1855			Final Weight/Volume:	20 mL
Prep Date:	09/30/2014 1855				20 mL
Leach Date:	N/A				

MSD Lab Sample ID:	280-60114-M-3 MSD	Analysis Batch:	280-245473	Instrument ID:	VMS_H
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	H4885.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/30/2014 1916			Final Weight/Volume:	20 mL
Prep Date:	09/30/2014 1916				20 mL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	101	88	74 - 135	14	20		
Bromodichloromethane	95	88	73 - 135	7	20		
Carbon tetrachloride	101	87	67 - 135	16	21		
Chlorobenzene	108	92	76 - 135	16	20		
Chloroform	99	89	76 - 120	11	20		
1,3-Dichlorobenzene	99	88	74 - 135	13	20		
1,1-Dichloroethane	98	87	75 - 135	12	21		
trans-1,2-Dichloroethene	104	92	75 - 135	13	24		
1,1-Dichloroethene	100	86	71 - 136	16	20		
1,2-Dichloropropane	97	86	71 - 120	12	20		
Ethylbenzene	104	89	72 - 120	16	26		
Methylene Chloride	99	87	54 - 141	14	20		
Tetrachloroethene	109	92	70 - 135	16	20		
Toluene	104	89	73 - 120	15	20		
1,1,1-Trichloroethane	101	86	70 - 135	17	20		
Trichloroethene	95	83	73 - 135	14	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95	92	70 - 127
Toluene-d8 (Surr)	116	104	80 - 125
4-Bromofluorobenzene (Surr)	104	97	78 - 120
Dibromofluoromethane (Surr)	109	101	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-245473

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-60114-L-3 MS	Units:	ug/L	MSD Lab Sample ID:	280-60114-M-3 MSD
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/30/2014 1855			Analysis Date:	09/30/2014 1916
Prep Date:	09/30/2014 1855			Prep Date:	09/30/2014 1916
Leach Date:	N/A			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	5.07	4.42
Bromodichloromethane	0.17	U	5.00	5.00	4.73	4.39
Carbon tetrachloride	0.19	U	5.00	5.00	5.07	4.33
Chlorobenzene	0.17	U	5.00	5.00	5.39	4.58
Chloroform	0.16	U	5.00	5.00	4.93	4.44
1,3-Dichlorobenzene	0.13	U	5.00	5.00	4.97	4.38
1,1-Dichloroethane	0.22	U	5.00	5.00	4.90	4.33
trans-1,2-Dichloroethene	0.15	U	5.00	5.00	5.21	4.58
1,1-Dichloroethene	0.23	U	5.00	5.00	5.01	4.28
1,2-Dichloropropane	0.18	U	5.00	5.00	4.87	4.32
Ethylbenzene	0.16	U	5.00	5.00	5.19	4.43
Methylene Chloride	0.32	U	5.00	5.00	4.97	4.33
Tetrachloroethene	0.20	U	5.00	5.00	5.43	4.62
Toluene	0.17	U	5.00	5.00	5.21	4.47
1,1,1-Trichloroethane	0.16	U	5.00	5.00	5.05	4.28
Trichloroethene	0.16	U	5.00	5.00	4.77	4.13

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Method Blank - Batch: 280-244189

Method: 8260B SIM
Preparation: 5030B

Lab Sample ID:	MB 280-244189/5	Analysis Batch:	280-244189	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E5674.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/22/2014 0919	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/22/2014 0919				
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)	100	70 - 127

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 280-244189

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-244189/3	Analysis Batch:	280-244189	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E5672.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/22/2014 0844	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/22/2014 0844				20 mL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 280-244189/4	Analysis Batch:	280-244189	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E5673.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/22/2014 0902	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/22/2014 0902				20 mL
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,4-Dioxane	95	99	25 - 141	4	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	108	103	70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 280-244189

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-244189/3	Units: ug/L		LCSD Lab Sample ID:	LCSD 280-244189/4
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/22/2014 0844			Analysis Date:	09/22/2014 0902
Prep Date:	09/22/2014 0844			Prep Date:	09/22/2014 0902
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,4-Dioxane	5.00	5.00	4.75	4.93

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-244189

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID:	280-60227-B-2 MS	Analysis Batch:	280-244189	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E5680.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/22/2014 1114			Final Weight/Volume:	20 mL
Prep Date:	09/22/2014 1114				20 mL
Leach Date:	N/A				

MSD Lab Sample ID:	280-60227-B-2 MSD	Analysis Batch:	280-244189	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E5681.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/22/2014 1132			Final Weight/Volume:	20 mL
Prep Date:	09/22/2014 1132				20 mL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,4-Dioxane	94	103	25 - 141	6	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	109	106	70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-244189

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID:	280-60227-B-2 MS	Units: ug/L	MSD Lab Sample ID:	280-60227-B-2 MSD	
Client Matrix:	Water		Client Matrix:	Water	
Dilution:	1.0		Dilution:	1.0	
Analysis Date:	09/22/2014 1114		Analysis Date:	09/22/2014 1132	
Prep Date:	09/22/2014 1114		Prep Date:	09/22/2014 1132	
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	3.0	5.00	5.00	7.73	8.18

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Method Blank - Batch: 280-244426

Method: 8260B SIM
Preparation: 5030B

Lab Sample ID:	MB 280-244426/5	Analysis Batch:	280-244426	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E5717.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2014 1135	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/23/2014 1135				
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)	94	70 - 127

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 280-244426

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-244426/3	Analysis Batch:	280-244426	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E5715.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2014 1059	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/23/2014 1059				20 mL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 280-244426/4	Analysis Batch:	280-244426	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E5716.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2014 1117	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/23/2014 1117				20 mL
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,4-Dioxane	100	88	25 - 141	12	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	100	95	70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 280-244426

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-244426/3	Units: ug/L		LCSD Lab Sample ID:	LCSD 280-244426/4
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/23/2014 1059			Analysis Date:	09/23/2014 1117
Prep Date:	09/23/2014 1059			Prep Date:	09/23/2014 1117
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,4-Dioxane	5.00	5.00	4.98	4.40

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-244426

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID:	280-60230-C-1 MS	Analysis Batch:	280-244426	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E5722.D
Dilution:	400	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2014 1314			Final Weight/Volume:	20 mL
Prep Date:	09/23/2014 1314				20 mL
Leach Date:	N/A				

MSD Lab Sample ID:	280-60230-C-1 MSD	Analysis Batch:	280-244426	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E5723.D
Dilution:	400	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2014 1332			Final Weight/Volume:	20 mL
Prep Date:	09/23/2014 1332				20 mL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,4-Dioxane	102	89	25 - 141	6	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97	97	70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-244426

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID:	280-60230-C-1 MS	Units: ug/L	MSD Lab Sample ID:	280-60230-C-1 MSD	
Client Matrix:	Water		Client Matrix:	Water	
Dilution:	400		Dilution:	400	
Analysis Date:	09/23/2014 1314		Analysis Date:	09/23/2014 1332	
Prep Date:	09/23/2014 1314		Prep Date:	09/23/2014 1332	
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	2800	2000	2000	4810	4530

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Method Blank - Batch: 280-244628

Method: 8260B SIM
Preparation: 5030B

Lab Sample ID:	MB 280-244628/5	Analysis Batch:	280-244628	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E5754.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2014 0956	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 0956				
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)	97	70 - 127

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 280-244628

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-244628/3	Analysis Batch:	280-244628	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E5752.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2014 0920	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 0920				20 mL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 280-244628/4	Analysis Batch:	280-244628	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E5753.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2014 0938	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 0938				20 mL
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,4-Dioxane	91	91	25 - 141	0	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	98	99	70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 280-244628

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-244628/3	Units: ug/L		LCSD Lab Sample ID:	LCSD 280-244628/4
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/24/2014 0920			Analysis Date:	09/24/2014 0938
Prep Date:	09/24/2014 0920			Prep Date:	09/24/2014 0938
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,4-Dioxane	5.00	5.00	4.55	4.53

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-244628

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID:	280-60227-B-11 MS	Analysis Batch:	280-244628	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E5756.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.5 mL
Analysis Date:	09/24/2014 1044			Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 1044				20 mL
Leach Date:	N/A				

MSD Lab Sample ID:	280-60227-B-11 MSD	Analysis Batch:	280-244628	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E5757.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.5 mL
Analysis Date:	09/24/2014 1102			Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 1102				20 mL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,4-Dioxane	115	121	25 - 141	2	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96	96	70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-244628

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID:	280-60227-B-11 MS	Units: ug/L	MSD Lab Sample ID:	280-60227-B-11 MSD	
Client Matrix:	Water		Client Matrix:	Water	
Dilution:	1.0		Dilution:	1.0	
Analysis Date:	09/24/2014 1044		Analysis Date:	09/24/2014 1102	
Prep Date:	09/24/2014 1044		Prep Date:	09/24/2014 1102	
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	290	200	200	518	530

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Method Blank - Batch: 280-244868

Method: 8260B SIM
Preparation: 5030B

Lab Sample ID:	MB 280-244868/19	Analysis Batch:	280-244868	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E5818.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2014 1727	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/25/2014 1727				
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)	98	70 - 127

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 280-244868

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-244868/15	Analysis Batch:	280-244868	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E5813.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2014 1555	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/25/2014 1555				20 mL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 280-244868/16	Analysis Batch:	280-244868	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E5814.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2014 1613	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/25/2014 1613				20 mL
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,4-Dioxane	78	92	25 - 141	16	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	99	100	70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 280-244868

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-244868/15	Units: ug/L		LCSD Lab Sample ID:	LCSD 280-244868/16
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/25/2014 1555			Analysis Date:	09/25/2014 1613
Prep Date:	09/25/2014 1555			Prep Date:	09/25/2014 1613
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,4-Dioxane	5.00	5.00	3.90	4.58

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Method Blank - Batch: 280-244993

Method: 8260B SIM
Preparation: 5030B

Lab Sample ID:	MB 280-244993/5	Analysis Batch:	280-244993	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E5842.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/26/2014 1000	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/26/2014 1000				
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)	92	70 - 127

Lab Control Sample - Batch: 280-244993

Method: 8260B SIM
Preparation: 5030B

Lab Sample ID:	LCS 280-244993/3	Analysis Batch:	280-244993	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E5840.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/26/2014 0924	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/26/2014 0924				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,4-Dioxane	5.00	4.51	90	25 - 141	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	92	70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-244993

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID:	280-60122-J-13 MS	Analysis Batch:	280-244993	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E5848.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/26/2014 1252			Final Weight/Volume:	20 mL
Prep Date:	09/26/2014 1252				20 mL
Leach Date:	N/A				

MSD Lab Sample ID:	280-60122-J-13 MSD	Analysis Batch:	280-244993	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E5849.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/26/2014 1310			Final Weight/Volume:	20 mL
Prep Date:	09/26/2014 1310				20 mL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,4-Dioxane							

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	88	88	70 - 127

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-244993

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID:	280-60122-J-13 MS	Units:	ug/L	MSD Lab Sample ID:	280-60122-J-13 MSD
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/26/2014 1252			Analysis Date:	09/26/2014 1310
Prep Date:	09/26/2014 1252			Prep Date:	09/26/2014 1310
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		5.00	5.00	5.08	5.63

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Method Blank - Batch: 280-245222

Method: 8260B SIM
Preparation: 5030B

Lab Sample ID:	MB 280-245222/5	Analysis Batch:	280-245222	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E5888.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/29/2014 1210	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/29/2014 1210				
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)	87	70 - 127

Lab Control Sample - Batch: 280-245222

Method: 8260B SIM
Preparation: 5030B

Lab Sample ID:	LCS 280-245222/3	Analysis Batch:	280-245222	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E5886.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/29/2014 1134	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/29/2014 1134				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,4-Dioxane	5.00	5.69	114	25 - 141	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	84	70 - 127

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	92	96	70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Method Blank - Batch: 280-245469

Method: 8260B SIM
Preparation: 5030B

Lab Sample ID:	MB 280-245469/5	Analysis Batch:	280-245469	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E5922.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/30/2014 0935	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/30/2014 0935				
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: 280-245469

Method: 8260B SIM
Preparation: 5030B

Lab Sample ID:	LCS 280-245469/3	Analysis Batch:	280-245469	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E5920.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/30/2014 0858	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/30/2014 0858				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,4-Dioxane	5.00	4.66	93	25 - 141	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	84	70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-245469

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID:	280-60227-D-81 MS	Analysis Batch:	280-245469	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E5924.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	2 mL
Analysis Date:	09/30/2014 1011			Final Weight/Volume:	20 mL
Prep Date:	09/30/2014 1011				20 mL
Leach Date:	N/A				

MSD Lab Sample ID:	280-60227-D-81 MSD	Analysis Batch:	280-245469	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E5925.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	2 mL
Analysis Date:	09/30/2014 1030			Final Weight/Volume:	20 mL
Prep Date:	09/30/2014 1030				20 mL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,4-Dioxane	53	104	25 - 141	18	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	89	89	70 - 127

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-245469

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID:	280-60227-D-81 MS	Units:	ug/L	MSD Lab Sample ID:	280-60227-D-81 MSD
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/30/2014 1011			Analysis Date:	09/30/2014 1030
Prep Date:	09/30/2014 1011			Prep Date:	09/30/2014 1030
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	100	50.0	50.0	127	153

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Method Blank - Batch: 280-245658

Method: 8260B SIM
Preparation: 5030B

Lab Sample ID:	MB 280-245658/5	Analysis Batch:	280-245658	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E5955.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	10/01/2014 0859	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	10/01/2014 0859				
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: 280-245658

Method: 8260B SIM
Preparation: 5030B

Lab Sample ID:	LCS 280-245658/3	Analysis Batch:	280-245658	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E5953.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	10/01/2014 0823	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	10/01/2014 0823				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,4-Dioxane	5.00	4.21	84	25 - 141	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	89	70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-245658

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID:	280-60227-A-79 MS	Analysis Batch:	280-245658	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E5957.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	10/01/2014 0935			Final Weight/Volume:	20 mL
Prep Date:	10/01/2014 0935				20 mL
Leach Date:	N/A				

MSD Lab Sample ID:	280-60227-A-79 MSD	Analysis Batch:	280-245658	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E5958.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	10/01/2014 0953			Final Weight/Volume:	20 mL
Prep Date:	10/01/2014 0953				20 mL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,4-Dioxane	136	125	25 - 141	3	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	92	90	70 - 127

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-245658

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID:	280-60227-A-79 MS	Units:	ug/L	MSD Lab Sample ID:	280-60227-A-79 MSD
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	10/01/2014 0935			Analysis Date:	10/01/2014 0953
Prep Date:	10/01/2014 0935			Prep Date:	10/01/2014 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	18	10.0	10.0	31.4	30.3

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:280-244189					
LCS 280-244189/3	Lab Control Sample	T	Water	8260B SIM	
LCSD 280-244189/4	Lab Control Sample Duplicate	T	Water	8260B SIM	
MB 280-244189/5	Method Blank	T	Water	8260B SIM	
280-60227-B-2 MS	Matrix Spike	T	Water	8260B SIM	
280-60227-B-2 MSD	Matrix Spike Duplicate	T	Water	8260B SIM	
280-60227-34	PIN12-0561-1	T	Water	8260B SIM	
280-60227-35	PIN12-0561-2	T	Water	8260B SIM	
280-60227-36	PIN12-0561-3	T	Water	8260B SIM	
Analysis Batch:280-244426					
LCS 280-244426/3	Lab Control Sample	T	Water	8260B SIM	
LCSD 280-244426/4	Lab Control Sample Duplicate	T	Water	8260B SIM	
MB 280-244426/5	Method Blank	T	Water	8260B SIM	
280-60227-33	PIN12-0551-1	T	Water	8260B SIM	
280-60227-39	PIN12-0576-3	T	Water	8260B SIM	
280-60227-40	PIN12-0577-1	T	Water	8260B SIM	
280-60230-C-1 MS	Matrix Spike	T	Water	8260B SIM	
280-60230-C-1 MSD	Matrix Spike Duplicate	T	Water	8260B SIM	
Analysis Batch:280-244628					
LCS 280-244628/3	Lab Control Sample	T	Water	8260B SIM	
LCSD 280-244628/4	Lab Control Sample Duplicate	T	Water	8260B SIM	
MB 280-244628/5	Method Blank	T	Water	8260B SIM	
280-60227-B-11 MS	Matrix Spike	T	Water	8260B SIM	
280-60227-B-11 MSD	Matrix Spike Duplicate	T	Water	8260B SIM	
280-60227-37	PIN12-0576-1	T	Water	8260B SIM	
280-60227-38	PIN12-0576-2	T	Water	8260B SIM	
280-60227-41	PIN12-0577-2	T	Water	8260B SIM	
280-60227-42	PIN12-0577-3	T	Water	8260B SIM	
Analysis Batch:280-244637					
LCS 280-244637/4	Lab Control Sample	T	Water	8260B	
MB 280-244637/6	Method Blank	T	Water	8260B	
280-60005-D-1 MS	Matrix Spike	T	Water	8260B	
280-60005-D-1 MSD	Matrix Spike Duplicate	T	Water	8260B	
280-60227-34	PIN12-0561-1	T	Water	8260B	
280-60227-35	PIN12-0561-2	T	Water	8260B	
280-60227-36	PIN12-0561-3	T	Water	8260B	

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:280-244798					
LCS 280-244798/4	Lab Control Sample	T	Water	8260B	
MB 280-244798/6	Method Blank	T	Water	8260B	
280-60227-21	PIN12-0580-3	T	Water	8260B	
280-60227-21MS	Matrix Spike	T	Water	8260B	
280-60227-21MSD	Matrix Spike Duplicate	T	Water	8260B	
280-60227-22	PIN12-0583-1	T	Water	8260B	
280-60227-23	PIN12-0583-2	T	Water	8260B	
280-60227-24	PIN12-0583-3	T	Water	8260B	
280-60227-25	PIN12-0586-1	T	Water	8260B	
280-60227-26	PIN12-0586-2	T	Water	8260B	
280-60227-27	PIN12-0586-3	T	Water	8260B	
280-60227-28	PIN99-2523	T	Water	8260B	
280-60227-30	PIN12-S68C	T	Water	8260B	
280-60227-31	PIN12-S68D	T	Water	8260B	
280-60227-32	PIN12-S69B	T	Water	8260B	
280-60227-33	PIN12-0551-1	T	Water	8260B	
280-60227-37	PIN12-0576-1	T	Water	8260B	
280-60227-38	PIN12-0576-2	T	Water	8260B	
Analysis Batch:280-244868					
LCS 280-244868/15	Lab Control Sample	T	Water	8260B SIM	
LCSD 280-244868/16	Lab Control Sample Duplicate	T	Water	8260B SIM	
MB 280-244868/19	Method Blank	T	Water	8260B SIM	
280-60227-22	PIN12-0583-1	T	Water	8260B SIM	
280-60227-23	PIN12-0583-2	T	Water	8260B SIM	
280-60227-24	PIN12-0583-3	T	Water	8260B SIM	
Analysis Batch:280-244985					
LCS 280-244985/4	Lab Control Sample	T	Water	8260B	
MB 280-244985/6	Method Blank	T	Water	8260B	
280-60227-41	PIN12-0577-2	T	Water	8260B	
280-60227-42	PIN12-0577-3	T	Water	8260B	
280-60339-C-2 MS	Matrix Spike	T	Water	8260B	
280-60339-C-2 MSD	Matrix Spike Duplicate	T	Water	8260B	
Analysis Batch:280-244993					
LCS 280-244993/3	Lab Control Sample	T	Water	8260B SIM	
MB 280-244993/5	Method Blank	T	Water	8260B SIM	
280-60122-J-13 MS	Matrix Spike	T	Water	8260B SIM	
280-60122-J-13 MSD	Matrix Spike Duplicate	T	Water	8260B SIM	
280-60227-21	PIN12-0580-3	T	Water	8260B SIM	

Client: S.M. Stoller Corporation

Job Number: 280-60227-2
Sdg Number: 14086435

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:280-245222					
LCS 280-245222/3	Lab Control Sample	T	Water	8260B SIM	
MB 280-245222/5	Method Blank	T	Water	8260B SIM	
280-60227-29	PIN12-S68B	T	Water	8260B SIM	
280-60227-30	PIN12-S68C	T	Water	8260B SIM	
280-60227-31	PIN12-S68D	T	Water	8260B SIM	
280-60227-B-62 MS	Matrix Spike	T	Water	8260B SIM	
280-60227-B-62 MSD	Matrix Spike Duplicate	T	Water	8260B SIM	
Analysis Batch:280-245229					
LCS 280-245229/4	Lab Control Sample	T	Water	8260B	
MB 280-245229/5	Method Blank	T	Water	8260B	
280-60095-C-1 MS	Matrix Spike	T	Water	8260B	
280-60095-C-1 MSD	Matrix Spike Duplicate	T	Water	8260B	
280-60227-39	PIN12-0576-3	T	Water	8260B	
280-60227-40	PIN12-0577-1	T	Water	8260B	
Analysis Batch:280-245469					
LCS 280-245469/3	Lab Control Sample	T	Water	8260B SIM	
MB 280-245469/5	Method Blank	T	Water	8260B SIM	
280-60227-25	PIN12-0586-1	T	Water	8260B SIM	
280-60227-26	PIN12-0586-2	T	Water	8260B SIM	
280-60227-32	PIN12-S69B	T	Water	8260B SIM	
280-60227-D-81 MS	Matrix Spike	T	Water	8260B SIM	
280-60227-D-81 MSD	Matrix Spike Duplicate	T	Water	8260B SIM	
Analysis Batch:280-245473					
LCS 280-245473/4	Lab Control Sample	T	Water	8260B	
MB 280-245473/6	Method Blank	T	Water	8260B	
280-60114-L-3 MS	Matrix Spike	T	Water	8260B	
280-60114-M-3 MSD	Matrix Spike Duplicate	T	Water	8260B	
280-60227-29	PIN12-S68B	T	Water	8260B	
Analysis Batch:280-245658					
LCS 280-245658/3	Lab Control Sample	T	Water	8260B SIM	
MB 280-245658/5	Method Blank	T	Water	8260B SIM	
280-60227-27	PIN12-0586-3	T	Water	8260B SIM	
280-60227-A-79 MS	Matrix Spike	T	Water	8260B SIM	
280-60227-A-79 MSD	Matrix Spike Duplicate	T	Water	8260B SIM	

Report Basis
T = Total

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 280-60227-3

SDG Number: 14086435

Job Description: PINELLAS MONITORING

For:
S.M. Stoller Corporation
2597 Legacy Way
Grand Junction, CO 81503

Attention: Mr. Steve Donivan

Approved for release.
DiLea R Bindel
Project Manager I
10/9/2014 11:52 AM

DiLea R Bindel, Project Manager I
4955 Yarrow Street, Arvada, CO, 80002
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10/09/2014

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.

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 - 14086435

Report Number: 280-60227-3

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.

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.

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.

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 9/19/2014 9:25 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 3 coolers at receipt time were 0.2º C, 1.7º C and 2.1º C.

All four of the container labels for sample PIN12-0551-2 (MJS 853) collected 9/18/2014 at 09:48 were mislabeled as PIN12-0551-1 (MJS 852) 9/18/2014 09:48. The laboratory logged the containers as PIN12-0551-2 (MJS 853) 9/18/2014 09:48 per client instruction and matching collection times.

One of the four 40mL vials submitted for sample PIN12-0584-3 (MJS 877), requesting VOA, Dioxane analysis, contained headspace greater than 6mm in diameter. Sufficient volume remained to proceed with the requested analysis. The client was notified on 9/23/2014.

Three of the four 40mL vials submitted for sample PIN12-0584-2 (MJS 876), requesting VOA, Dioxane analysis, contained headspace greater than 6 mm in diameter. The laboratory will proceed with the requested analysis unless instructed otherwise. The client was notified on 9/23/2014.

The chain-of-custody indicates that four containers were submitted for sample PIN12-0579-3 (MJS 924) requesting VOA, Dioxane analysis; however, only three containers were received at the laboratory. Sufficient volume was received to proceed with the requested Volatile analysis. The client was notified on 9/23/2014.

The laboratory noted that the samples listed on the chain-of-custody under the signature line were almost missed. In order to avoid missing any of the samples listed on the chains-of-custody, the client was advised to make sure all of the samples are listed on the chains-of-custody above the signature lines. The client was notified on 9/23/2014.

GC/MS VOLATILES - SW846 8260B

Due to high concentrations of target analytes, sample PIN12-0572-2 (MJS 940) had to be analyzed using a reduced aliquot size. The reporting limits have been elevated accordingly. To provide the lowest possible detection limits, multiple runs are reported.

Sample PIN12-0584-1(MJS 934) in batch 280-244637 exhibited surrogate recoveries outside the control limits, biased high, for 1,2-Dichloroethane-d4. As no detectable concentrations are present at levels greater than the reporting limits in the samples, corrective action is deemed unnecessary.

The internal standard (ISTD) response for TBA-d9 in sample PIN12-0584-1 (MJS 934) was outside acceptance criteria. The ISTDs are not associated with the requested target compound; therefore, corrective action is deemed unnecessary.

Methylene Chloride, a common laboratory contaminant, was detected in the method blank associated with batch 280-246124 at a level exceeding the reporting limit. Because this common laboratory contaminant is present in the method blank at a level that was less than five times the reporting limit, corrective action is not required. If the associated samples reported a result above the MDL and/or RL, the result has been “B” flagged.

Methylene Chloride, a common laboratory contaminant, was detected in the method blanks associated with batches 280-244637, 280-245229 and 280-245474 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”. If the associated samples reported a result above the MDL and/or RL, the result has been “B” flagged.

1,2,3-Trichlorobenzene was detected in the method blank associated with batch 280-245657 at a level that was above the method detection limit but not greater than half the reporting limit. The value should be considered an estimate, and has been flagged “J”. If the associated samples reported a result above the MDL and/or RL, the result has been “B” flagged.

The accuracy and precision of Trichloroethene in the MS/MSD associated with batch 280-244985 could not be reliably evaluated, as the concentration present in the parent sample was 4 times greater than the matrix spike concentration. In addition, concentrations were present above the instrument calibration range for this analyte. 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 280-244637 exhibited percent recoveries outside the control limits, biased high, for some analytes. 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 above or in the Definitions/Glossary page.

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

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

DATA REPORTING QUALIFIERS

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

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.
	F1	MS and/or MSD Recovery exceeds the control 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.
	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

SAMPLE SUMMARY

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
280-60227-43	PIN12-0579-1	Water	09/15/2014 0844	09/19/2014 0925
280-60227-44	PIN12-0579-2	Water	09/15/2014 0919	09/19/2014 0925
280-60227-45	PIN12-0579-3	Water	09/15/2014 0954	09/19/2014 0925
280-60227-46	PIN12-0584-1	Water	09/13/2014 1147	09/19/2014 0925
280-60227-47	PIN12-0584-2	Water	09/13/2014 1220	09/19/2014 0925
280-60227-48	PIN12-0584-3	Water	09/13/2014 1304	09/19/2014 0925
280-60227-49	PIN12-0551-2	Water	09/18/2014 0948	09/19/2014 0925
280-60227-50	PIN12-0568-1	Water	09/16/2014 1229	09/19/2014 0925
280-60227-51	PIN12-0568-2	Water	09/16/2014 1255	09/19/2014 0925
280-60227-52	PIN12-0568-3	Water	09/16/2014 1325	09/19/2014 0925
280-60227-53	PIN12-0569-1	Water	09/16/2014 1329	09/19/2014 0925
280-60227-54	PIN12-0569-2	Water	09/16/2014 1441	09/19/2014 0925
280-60227-55	PIN12-0569-3	Water	09/16/2014 1510	09/19/2014 0925
280-60227-56	PIN12-0570-1	Water	09/17/2014 0943	09/19/2014 0925
280-60227-57	PIN12-0570-2	Water	09/17/2014 1345	09/19/2014 0925
280-60227-58	PIN12-0570-3	Water	09/17/2014 1425	09/19/2014 0925
280-60227-59	PIN12-0572-1	Water	09/16/2014 1014	09/19/2014 0925
280-60227-60	PIN12-0572-2	Water	09/16/2014 1039	09/19/2014 0925
280-60227-61	PIN12-0578-1	Water	09/16/2014 0822	09/19/2014 0925
280-60227-62	PIN12-0578-2	Water	09/16/2014 0904	09/19/2014 0925
280-60227-63	PIN12-0578-3	Water	09/16/2014 0935	09/19/2014 0925

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-60227-43	**PIN12-0579-1**					
Trichloroethene		0.29	J	1.0	ug/L	8260B
280-60227-44	**PIN12-0579-2**					
Methylene Chloride		0.37	J	1.0	ug/L	8260B
Trichloroethene		0.27	J	1.0	ug/L	8260B
280-60227-45	**PIN12-0579-3**					
Methylene Chloride		0.42	J	1.0	ug/L	8260B
Trichloroethene		0.25	J	1.0	ug/L	8260B
280-60227-46	**PIN12-0584-1**					
Methylene Chloride		0.35	J B	1.0	ug/L	8260B
1,4-Dioxane		1.8		1.0	ug/L	8260B SIM
280-60227-47	**PIN12-0584-2**					
Acetone		11		10	ug/L	8260B
1,1-Dichloroethane		0.23	J	1.0	ug/L	8260B
cis-1,2-Dichloroethene		0.76	J	1.0	ug/L	8260B
Methylene Chloride		0.34	J B	1.0	ug/L	8260B
Vinyl chloride		5.2		1.0	ug/L	8260B
1,4-Dioxane		0.89	J	1.0	ug/L	8260B SIM
280-60227-48	**PIN12-0584-3**					
Acetone		5.2	J	10	ug/L	8260B
cis-1,2-Dichloroethene		0.53	J	1.0	ug/L	8260B
Methylene Chloride		0.33	J B	1.0	ug/L	8260B
Vinyl chloride		7.8		1.0	ug/L	8260B
280-60227-49	**PIN12-0551-2**					
Methylene Chloride		0.47	J B	1.0	ug/L	8260B
1,4-Dioxane		1.9		1.0	ug/L	8260B SIM
280-60227-51	**PIN12-0568-2**					
1,4-Dioxane		1.5		1.0	ug/L	8260B SIM
280-60227-52	**PIN12-0568-3**					
Methylene Chloride		0.55	J B	1.0	ug/L	8260B

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-60227-53	**PIN12-0569-1**					
Acetone		3.6	J	10	ug/L	8260B
Methylene Chloride		0.47	J B	1.0	ug/L	8260B
280-60227-54	**PIN12-0569-2**					
Acetone		5.7	J	10	ug/L	8260B
cis-1,2-Dichloroethene		1.1		1.0	ug/L	8260B
Methylene Chloride		0.47	J B	1.0	ug/L	8260B
Vinyl chloride		5.2		1.0	ug/L	8260B
1,4-Dioxane		1.8		1.0	ug/L	8260B SIM
280-60227-55	**PIN12-0569-3**					
Acetone		4.2	J	10	ug/L	8260B
1,1-Dichloroethane		0.31	J	1.0	ug/L	8260B
cis-1,2-Dichloroethene		28		1.0	ug/L	8260B
trans-1,2-Dichloroethene		0.37	J	1.0	ug/L	8260B
1,1-Dichloroethene		1.0		1.0	ug/L	8260B
Methylene Chloride		0.49	J B	1.0	ug/L	8260B
Vinyl chloride		37		1.0	ug/L	8260B
1,4-Dioxane		1.8		1.0	ug/L	8260B SIM
280-60227-57	**PIN12-0570-2**					
1,4-Dioxane		2.4		1.0	ug/L	8260B SIM
280-60227-58	**PIN12-0570-3**					
Vinyl chloride		2.2		1.0	ug/L	8260B
1,4-Dioxane		3.0		1.0	ug/L	8260B SIM
280-60227-59	**PIN12-0572-1**					
Acetone		2.2	J	10	ug/L	8260B
Methylene Chloride		0.35	J B	1.0	ug/L	8260B
280-60227-60	**PIN12-0572-2**					
Acetone		4.0	J	10	ug/L	8260B
cis-1,2-Dichloroethene		120		4.0	ug/L	8260B
trans-1,2-Dichloroethene		1.2		1.0	ug/L	8260B
1,1-Dichloroethene		5.1		1.0	ug/L	8260B
Methylene Chloride		0.50	J B	1.0	ug/L	8260B
Vinyl chloride		30		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: 280-60227-3
Sdg Number: 14086435

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-60227-61	**PIN12-0578-1**					
Acetone		4.3	J	10	ug/L	8260B
Methylene Chloride		0.41	J B	1.0	ug/L	8260B
280-60227-62	**PIN12-0578-2**					
Acetone		2.5	J	10	ug/L	8260B
Methylene Chloride		0.42	J B	1.0	ug/L	8260B
1,4-Dioxane		0.35	J	1.0	ug/L	8260B SIM
280-60227-63	**PIN12-0578-3**					
Acetone		4.0	J	10	ug/L	8260B
Methylene Chloride		0.47	J B	1.0	ug/L	8260B

METHOD SUMMARY

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

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: 280-60227-3
Sdg Number: 14086435

Method	Analyst	Analyst ID
SW846 8260B	Dukes, Aaron D	ADD
SW846 8260B	Moan, Matthew R	MRM
SW846 8260B	Seifert, Judy L	JLS
SW846 8260B	Wickham, Tom A	TAW
SW846 8260B SIM	Moan, Matthew R	MRM

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

Client Sample ID: **PIN12-0579-1**

Lab Sample ID: 280-60227-43
Client Matrix: Water

Date Sampled: 09/15/2014 0844
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244985	Instrument ID:	VMS_Z
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Z0981.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/26/2014 1233			Final Weight/Volume:	20 mL
Prep Date:	09/26/2014 1233				

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

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

Client Sample ID: **PIN12-0579-1**

Lab Sample ID: 280-60227-43
Client Matrix: Water

Date Sampled: 09/15/2014 0844
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244985	Instrument ID:	VMS_Z
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Z0981.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/26/2014 1233			Final Weight/Volume:	20 mL
Prep Date:	09/26/2014 1233				

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	0.29	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	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)	84		70 - 127
Toluene-d8 (Surr)	96		80 - 125
4-Bromofluorobenzene (Surr)	100		78 - 120
Dibromofluoromethane (Surr)	84		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

Client Sample ID: **PIN12-0579-2**

Lab Sample ID: 280-60227-44
Client Matrix: Water

Date Sampled: 09/15/2014 0919
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244985	Instrument ID:	VMS_Z
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Z0982.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/26/2014 1257			Final Weight/Volume:	20 mL
Prep Date:	09/26/2014 1257				

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	0.37	J	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

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

Client Sample ID: **PIN12-0579-2**

Lab Sample ID: 280-60227-44
Client Matrix: Water

Date Sampled: 09/15/2014 0919
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244985	Instrument ID:	VMS_Z
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Z0982.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/26/2014 1257			Final Weight/Volume:	20 mL
Prep Date:	09/26/2014 1257				

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	0.27	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	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)	81		70 - 127
Toluene-d8 (Surr)	90		80 - 125
4-Bromofluorobenzene (Surr)	93		78 - 120
Dibromofluoromethane (Surr)	79		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

Client Sample ID: **PIN12-0579-3**

Lab Sample ID: 280-60227-45
Client Matrix: Water

Date Sampled: 09/15/2014 0954
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244985	Instrument ID:	VMS_Z
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Z0983.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/26/2014 1320			Final Weight/Volume:	20 mL
Prep Date:	09/26/2014 1320				

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	0.42	J	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

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

Client Sample ID: **PIN12-0579-3**

Lab Sample ID: 280-60227-45
Client Matrix: Water

Date Sampled: 09/15/2014 0954
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244985	Instrument ID:	VMS_Z
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Z0983.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/26/2014 1320			Final Weight/Volume:	20 mL
Prep Date:	09/26/2014 1320				

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	0.25	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	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)	85		70 - 127
Toluene-d8 (Surr)	96		80 - 125
4-Bromofluorobenzene (Surr)	98		78 - 120
Dibromofluoromethane (Surr)	83		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

Client Sample ID: **PIN12-0584-1**

Lab Sample ID: 280-60227-46
Client Matrix: Water

Date Sampled: 09/13/2014 1147
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244637	Instrument ID:	VMS_P
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P5527.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2014 1431			Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 1431				

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	0.35	J B	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

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

Client Sample ID: **PIN12-0584-1**

Lab Sample ID: 280-60227-46
Client Matrix: Water

Date Sampled: 09/13/2014 1147
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244637	Instrument ID:	VMS_P
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P5527.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2014 1431			Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 1431				

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)	129	X	70 - 127
Toluene-d8 (Surr)	112		80 - 125
4-Bromofluorobenzene (Surr)	115		78 - 120
Dibromofluoromethane (Surr)	118		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

Client Sample ID: **PIN12-0584-2**

Lab Sample ID: 280-60227-47
Client Matrix: Water

Date Sampled: 09/13/2014 1220
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244637	Instrument ID:	VMS_P
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P5528.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2014 1451			Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 1451				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	11		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	0.23	J	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.76	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	0.34	J B	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

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

Client Sample ID: **PIN12-0584-2**

Lab Sample ID: 280-60227-47
Client Matrix: Water

Date Sampled: 09/13/2014 1220
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244637	Instrument ID:	VMS_P
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P5528.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2014 1451			Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 1451				

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)	124		70 - 127
Toluene-d8 (Surr)	98		80 - 125
4-Bromofluorobenzene (Surr)	111		78 - 120
Dibromofluoromethane (Surr)	108		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

Client Sample ID: **PIN12-0584-3**

Lab Sample ID: 280-60227-48
Client Matrix: Water

Date Sampled: 09/13/2014 1304
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244637	Instrument ID:	VMS_P
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P5529.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2014 1510			Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 1510				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	5.2	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	0.53	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	0.33	J B	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

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

Client Sample ID: **PIN12-0584-3**

Lab Sample ID: 280-60227-48
Client Matrix: Water

Date Sampled: 09/13/2014 1304
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244637	Instrument ID:	VMS_P
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P5529.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2014 1510			Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 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	7.8		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)	126		70 - 127
Toluene-d8 (Surr)	100		80 - 125
4-Bromofluorobenzene (Surr)	112		78 - 120
Dibromofluoromethane (Surr)	110		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

Client Sample ID: **PIN12-0551-2**

Lab Sample ID: 280-60227-49
Client Matrix: Water

Date Sampled: 09/18/2014 0948
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-246124	Instrument ID:	VMS_G2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G2_5987.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	10/02/2014 2325			Final Weight/Volume:	20 mL
Prep Date:	10/02/2014 2325				

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	0.47	J B	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

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

Client Sample ID: **PIN12-0551-2**

Lab Sample ID: 280-60227-49
Client Matrix: Water

Date Sampled: 09/18/2014 0948
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-246124	Instrument ID:	VMS_G2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G2_5987.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	10/02/2014 2325			Final Weight/Volume:	20 mL
Prep Date:	10/02/2014 2325				

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)	100		78 - 120
Dibromofluoromethane (Surr)	94		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

Client Sample ID: **PIN12-0568-1**

Lab Sample ID: 280-60227-50
Client Matrix: Water

Date Sampled: 09/16/2014 1229
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-245229	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS9852.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/29/2014 1519			Final Weight/Volume:	20 mL
Prep Date:	09/29/2014 1519				

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

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

Client Sample ID: **PIN12-0568-1**

Lab Sample ID: 280-60227-50
Client Matrix: Water

Date Sampled: 09/16/2014 1229
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-245229	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS9852.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/29/2014 1519			Final Weight/Volume:	20 mL
Prep Date:	09/29/2014 1519				

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)	93		80 - 125
4-Bromofluorobenzene (Surr)	90		78 - 120
Dibromofluoromethane (Surr)	98		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

Client Sample ID: **PIN12-0568-2**

Lab Sample ID: 280-60227-51
Client Matrix: Water

Date Sampled: 09/16/2014 1255
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-245229	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS9853.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/29/2014 1543			Final Weight/Volume:	20 mL
Prep Date:	09/29/2014 1543				

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

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

Client Sample ID: **PIN12-0568-2**

Lab Sample ID: 280-60227-51
Client Matrix: Water

Date Sampled: 09/16/2014 1255
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-245229	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS9853.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/29/2014 1543			Final Weight/Volume:	20 mL
Prep Date:	09/29/2014 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)	114		70 - 127
Toluene-d8 (Surr)	110		80 - 125
4-Bromofluorobenzene (Surr)	108		78 - 120
Dibromofluoromethane (Surr)	115		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

Client Sample ID: **PIN12-0568-3**

Lab Sample ID: 280-60227-52
Client Matrix: Water

Date Sampled: 09/16/2014 1325
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-245474	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS9895.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/30/2014 1743			Final Weight/Volume:	20 mL
Prep Date:	09/30/2014 1743				

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	0.55	J B	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

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

Client Sample ID: **PIN12-0568-3**

Lab Sample ID: 280-60227-52
Client Matrix: Water

Date Sampled: 09/16/2014 1325
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-245474	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS9895.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/30/2014 1743			Final Weight/Volume:	20 mL
Prep Date:	09/30/2014 1743				

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)	110		80 - 125
4-Bromofluorobenzene (Surr)	108		78 - 120
Dibromofluoromethane (Surr)	113		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

Client Sample ID: **PIN12-0569-1**

Lab Sample ID: 280-60227-53
Client Matrix: Water

Date Sampled: 09/16/2014 1329
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-245474	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS9881.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/30/2014 1216			Final Weight/Volume:	20 mL
Prep Date:	09/30/2014 1216				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	3.6	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	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	0.47	J B	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

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

Client Sample ID: **PIN12-0569-1**

Lab Sample ID: 280-60227-53
Client Matrix: Water

Date Sampled: 09/16/2014 1329
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-245474	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS9881.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/30/2014 1216			Final Weight/Volume:	20 mL
Prep Date:	09/30/2014 1216				

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)	102		80 - 125
4-Bromofluorobenzene (Surr)	101		78 - 120
Dibromofluoromethane (Surr)	105		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

Client Sample ID: **PIN12-0569-2**

Lab Sample ID: 280-60227-54
Client Matrix: Water

Date Sampled: 09/16/2014 1441
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-245474	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS9882.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/30/2014 1239			Final Weight/Volume:	20 mL
Prep Date:	09/30/2014 1239				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	5.7	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	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	0.47	J B	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

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

Client Sample ID: **PIN12-0569-2**

Lab Sample ID: 280-60227-54
Client Matrix: Water

Date Sampled: 09/16/2014 1441
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-245474	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS9882.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/30/2014 1239			Final Weight/Volume:	20 mL
Prep Date:	09/30/2014 1239				

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)	103		70 - 127
Toluene-d8 (Surr)	100		80 - 125
4-Bromofluorobenzene (Surr)	99		78 - 120
Dibromofluoromethane (Surr)	104		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

Client Sample ID: **PIN12-0569-3**

Lab Sample ID: 280-60227-55
Client Matrix: Water

Date Sampled: 09/16/2014 1510
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-245474	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS9883.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/30/2014 1303			Final Weight/Volume:	20 mL
Prep Date:	09/30/2014 1303				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	4.2	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	0.31	J	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	28		0.15	1.0
trans-1,2-Dichloroethene	0.37	J	0.15	1.0
1,1-Dichloroethene	1.0		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	0.49	J B	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

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

Client Sample ID: **PIN12-0569-3**

Lab Sample ID: 280-60227-55
Client Matrix: Water

Date Sampled: 09/16/2014 1510
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-245474	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS9883.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/30/2014 1303			Final Weight/Volume:	20 mL
Prep Date:	09/30/2014 1303				

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	37		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)	100		80 - 125
4-Bromofluorobenzene (Surr)	97		78 - 120
Dibromofluoromethane (Surr)	103		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

Client Sample ID: **PIN12-0570-1**

Lab Sample ID: 280-60227-56
Client Matrix: Water

Date Sampled: 09/17/2014 0943
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-245657	Instrument ID:	VMS_Z
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Z1163.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	10/01/2014 1539			Final Weight/Volume:	20 mL
Prep Date:	10/01/2014 1539				

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

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

Client Sample ID: **PIN12-0570-1**

Lab Sample ID: 280-60227-56
Client Matrix: Water

Date Sampled: 09/17/2014 0943
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-245657	Instrument ID:	VMS_Z
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Z1163.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	10/01/2014 1539			Final Weight/Volume:	20 mL
Prep Date:	10/01/2014 1539				

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)	99		80 - 125
4-Bromofluorobenzene (Surr)	100		78 - 120
Dibromofluoromethane (Surr)	89		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

Client Sample ID: **PIN12-0570-2**

Lab Sample ID: 280-60227-57
Client Matrix: Water

Date Sampled: 09/17/2014 1345
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-245657	Instrument ID:	VMS_Z
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Z1164.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	10/01/2014 1602			Final Weight/Volume:	20 mL
Prep Date:	10/01/2014 1602				

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

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

Client Sample ID: **PIN12-0570-2**

Lab Sample ID: 280-60227-57
Client Matrix: Water

Date Sampled: 09/17/2014 1345
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-245657	Instrument ID:	VMS_Z
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Z1164.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	10/01/2014 1602			Final Weight/Volume:	20 mL
Prep Date:	10/01/2014 1602				

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)	82		70 - 127
Toluene-d8 (Surr)	92		80 - 125
4-Bromofluorobenzene (Surr)	94		78 - 120
Dibromofluoromethane (Surr)	81		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

Client Sample ID: **PIN12-0570-3**

Lab Sample ID: 280-60227-58
Client Matrix: Water

Date Sampled: 09/17/2014 1425
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-245657	Instrument ID:	VMS_Z
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Z1165.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	10/01/2014 1626			Final Weight/Volume:	20 mL
Prep Date:	10/01/2014 1626				

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

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

Client Sample ID: **PIN12-0570-3**

Lab Sample ID: 280-60227-58
Client Matrix: Water

Date Sampled: 09/17/2014 1425
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-245657	Instrument ID:	VMS_Z
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Z1165.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	10/01/2014 1626			Final Weight/Volume:	20 mL
Prep Date:	10/01/2014 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	2.2		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)	85		70 - 127
Toluene-d8 (Surr)	96		80 - 125
4-Bromofluorobenzene (Surr)	98		78 - 120
Dibromofluoromethane (Surr)	83		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

Client Sample ID: **PIN12-0572-1**

Lab Sample ID: 280-60227-59
Client Matrix: Water

Date Sampled: 09/16/2014 1014
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-245474	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS9884.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/30/2014 1326			Final Weight/Volume:	20 mL
Prep Date:	09/30/2014 1326				

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	0.35	J B	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

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

Client Sample ID: **PIN12-0572-1**

Lab Sample ID: 280-60227-59
Client Matrix: Water

Date Sampled: 09/16/2014 1014
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-245474	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS9884.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/30/2014 1326			Final Weight/Volume:	20 mL
Prep Date:	09/30/2014 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)	112		70 - 127
Toluene-d8 (Surr)	107		80 - 125
4-Bromofluorobenzene (Surr)	107		78 - 120
Dibromofluoromethane (Surr)	111		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

Client Sample ID: **PIN12-0572-2**

Lab Sample ID: 280-60227-60
Client Matrix: Water

Date Sampled: 09/16/2014 1039
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-245474	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS9885.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/30/2014 1349			Final Weight/Volume:	20 mL
Prep Date:	09/30/2014 1349				

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
trans-1,2-Dichloroethene	1.2		0.15	1.0
1,1-Dichloroethene	5.1		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	0.50	J B	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

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

Client Sample ID: **PIN12-0572-2**

Lab Sample ID: 280-60227-60
Client Matrix: Water

Date Sampled: 09/16/2014 1039
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-245474	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS9885.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/30/2014 1349			Final Weight/Volume:	20 mL
Prep Date:	09/30/2014 1349				

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	30		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)	111		80 - 125
4-Bromofluorobenzene (Surr)	111		78 - 120
Dibromofluoromethane (Surr)	117		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

Client Sample ID: **PIN12-0572-2**

Lab Sample ID: 280-60227-60
Client Matrix: Water

Date Sampled: 09/16/2014 1039
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-245474	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS9886.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	09/30/2014 1413	Run Type:	DL	Final Weight/Volume:	20 mL
Prep Date:	09/30/2014 1413				

Analyte	Result (ug/L)	Qualifier	MDL	RL
cis-1,2-Dichloroethene	120		0.60	4.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	98		70 - 127
Toluene-d8 (Surr)	95		80 - 125
4-Bromofluorobenzene (Surr)	92		78 - 120
Dibromofluoromethane (Surr)	101		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

Client Sample ID: **PIN12-0578-1**

Lab Sample ID: 280-60227-61
Client Matrix: Water

Date Sampled: 09/16/2014 0822
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-245474	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS9878.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/30/2014 1106			Final Weight/Volume:	20 mL
Prep Date:	09/30/2014 1106				

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	0.22	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	0.41	J B	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

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

Client Sample ID: **PIN12-0578-1**

Lab Sample ID: 280-60227-61
Client Matrix: Water

Date Sampled: 09/16/2014 0822
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-245474	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS9878.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/30/2014 1106			Final Weight/Volume:	20 mL
Prep Date:	09/30/2014 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	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)	108		80 - 125
4-Bromofluorobenzene (Surr)	107		78 - 120
Dibromofluoromethane (Surr)	110		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

Client Sample ID: **PIN12-0578-2**

Lab Sample ID: 280-60227-62
Client Matrix: Water

Date Sampled: 09/16/2014 0904
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-245474	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS9887.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/30/2014 1436			Final Weight/Volume:	20 mL
Prep Date:	09/30/2014 1436				

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	0.42	J B	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

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

Client Sample ID: **PIN12-0578-2**

Lab Sample ID: 280-60227-62
Client Matrix: Water

Date Sampled: 09/16/2014 0904
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-245474	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS9887.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/30/2014 1436			Final Weight/Volume:	20 mL
Prep Date:	09/30/2014 1436				

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)	103		80 - 125
4-Bromofluorobenzene (Surr)	101		78 - 120
Dibromofluoromethane (Surr)	104		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

Client Sample ID: **PIN12-0578-3**

Lab Sample ID: 280-60227-63
Client Matrix: Water

Date Sampled: 09/16/2014 0935
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-245474	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS9888.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/30/2014 1459			Final Weight/Volume:	20 mL
Prep Date:	09/30/2014 1459				

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	0.15	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	0.47	J B	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

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

Client Sample ID: **PIN12-0578-3**

Lab Sample ID: 280-60227-63
Client Matrix: Water

Date Sampled: 09/16/2014 0935
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-245474	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS9888.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/30/2014 1459			Final Weight/Volume:	20 mL
Prep Date:	09/30/2014 1459				

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)	102		80 - 125
4-Bromofluorobenzene (Surr)	102		78 - 120
Dibromofluoromethane (Surr)	103		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

Client Sample ID: **PIN12-0579-1**

Lab Sample ID: 280-60227-43
Client Matrix: Water

Date Sampled: 09/15/2014 0844
Date Received: 09/19/2014 0925

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

Analysis Method:	8260B SIM	Analysis Batch:	280-244628	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E5764.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2014 1310			Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 1310				

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

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

Client Sample ID: **PIN12-0579-2**

Lab Sample ID: 280-60227-44
Client Matrix: Water

Date Sampled: 09/15/2014 0919
Date Received: 09/19/2014 0925

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

Analysis Method:	8260B SIM	Analysis Batch:	280-244628	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E5765.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2014 1329			Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 1329				

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)	100		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

Client Sample ID: **PIN12-0579-3**

Lab Sample ID: 280-60227-45
Client Matrix: Water

Date Sampled: 09/15/2014 0954
Date Received: 09/19/2014 0925

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

Analysis Method:	8260B SIM	Analysis Batch:	280-244628	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E5766.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2014 1347			Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 1347				

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

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

Client Sample ID: **PIN12-0584-1**

Lab Sample ID: 280-60227-46
Client Matrix: Water

Date Sampled: 09/13/2014 1147
Date Received: 09/19/2014 0925

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

Analysis Method:	8260B SIM	Analysis Batch:	280-244189	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E5690.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/22/2014 1415			Final Weight/Volume:	20 mL
Prep Date:	09/22/2014 1415				

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)	99		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

Client Sample ID: **PIN12-0584-2**

Lab Sample ID: 280-60227-47
Client Matrix: Water

Date Sampled: 09/13/2014 1220
Date Received: 09/19/2014 0925

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

Analysis Method:	8260B SIM	Analysis Batch:	280-244189	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E5691.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/22/2014 1433			Final Weight/Volume:	20 mL
Prep Date:	09/22/2014 1433				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.89	J	0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

Client Sample ID: **PIN12-0584-3**

Lab Sample ID: 280-60227-48
Client Matrix: Water

Date Sampled: 09/13/2014 1304
Date Received: 09/19/2014 0925

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

Analysis Method:	8260B SIM	Analysis Batch:	280-244189	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E5692.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/22/2014 1451			Final Weight/Volume:	20 mL
Prep Date:	09/22/2014 1451				

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

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

Client Sample ID: **PIN12-0551-2**

Lab Sample ID: 280-60227-49
Client Matrix: Water

Date Sampled: 09/18/2014 0948
Date Received: 09/19/2014 0925

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

Analysis Method:	8260B SIM	Analysis Batch:	280-245469	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E5934.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/30/2014 1320			Final Weight/Volume:	20 mL
Prep Date:	09/30/2014 1320				

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)	91		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

Client Sample ID: **PIN12-0568-1**

Lab Sample ID: 280-60227-50
Client Matrix: Water

Date Sampled: 09/16/2014 1229
Date Received: 09/19/2014 0925

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

Analysis Method:	8260B SIM	Analysis Batch:	280-245222	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E5896.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/29/2014 1433			Final Weight/Volume:	20 mL
Prep Date:	09/29/2014 1433				

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

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

Client Sample ID: **PIN12-0568-2**

Lab Sample ID: 280-60227-51
Client Matrix: Water

Date Sampled: 09/16/2014 1255
Date Received: 09/19/2014 0925

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

Analysis Method:	8260B SIM	Analysis Batch:	280-245222	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E5897.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/29/2014 1451			Final Weight/Volume:	20 mL
Prep Date:	09/29/2014 1451				

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)	90		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

Client Sample ID: **PIN12-0568-3**

Lab Sample ID: 280-60227-52
Client Matrix: Water

Date Sampled: 09/16/2014 1325
Date Received: 09/19/2014 0925

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

Analysis Method:	8260B SIM	Analysis Batch:	280-245222	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E5898.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/29/2014 1509			Final Weight/Volume:	20 mL
Prep Date:	09/29/2014 1509				

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

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

Client Sample ID: **PIN12-0569-1**

Lab Sample ID: 280-60227-53
Client Matrix: Water

Date Sampled: 09/16/2014 1329
Date Received: 09/19/2014 0925

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

Analysis Method:	8260B SIM	Analysis Batch:	280-245222	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E5899.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/29/2014 1527			Final Weight/Volume:	20 mL
Prep Date:	09/29/2014 1527				

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

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

Client Sample ID: **PIN12-0569-2**

Lab Sample ID: 280-60227-54
Client Matrix: Water

Date Sampled: 09/16/2014 1441
Date Received: 09/19/2014 0925

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

Analysis Method:	8260B SIM	Analysis Batch:	280-245222	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E5900.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/29/2014 1545			Final Weight/Volume:	20 mL
Prep Date:	09/29/2014 1545				

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)	91		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

Client Sample ID: **PIN12-0569-3**

Lab Sample ID: 280-60227-55
Client Matrix: Water

Date Sampled: 09/16/2014 1510
Date Received: 09/19/2014 0925

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

Analysis Method:	8260B SIM	Analysis Batch:	280-245222	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E5901.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/29/2014 1603			Final Weight/Volume:	20 mL
Prep Date:	09/29/2014 1603				

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)	90		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

Client Sample ID: **PIN12-0570-1**

Lab Sample ID: 280-60227-56
Client Matrix: Water

Date Sampled: 09/17/2014 0943
Date Received: 09/19/2014 0925

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

Analysis Method:	8260B SIM	Analysis Batch:	280-245222	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E5902.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/29/2014 1621			Final Weight/Volume:	20 mL
Prep Date:	09/29/2014 1621				

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

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

Client Sample ID: **PIN12-0570-2**

Lab Sample ID: 280-60227-57
Client Matrix: Water

Date Sampled: 09/17/2014 1345
Date Received: 09/19/2014 0925

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

Analysis Method:	8260B SIM	Analysis Batch:	280-245469	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E5935.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/30/2014 1338			Final Weight/Volume:	20 mL
Prep Date:	09/30/2014 1338				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	2.4		0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	90		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

Client Sample ID: **PIN12-0570-3**

Lab Sample ID: 280-60227-58
Client Matrix: Water

Date Sampled: 09/17/2014 1425
Date Received: 09/19/2014 0925

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

Analysis Method:	8260B SIM	Analysis Batch:	280-245469	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E5936.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/30/2014 1356			Final Weight/Volume:	20 mL
Prep Date:	09/30/2014 1356				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	3.0		0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	90		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

Client Sample ID: **PIN12-0572-1**

Lab Sample ID: 280-60227-59
Client Matrix: Water

Date Sampled: 09/16/2014 1014
Date Received: 09/19/2014 0925

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

Analysis Method:	8260B SIM	Analysis Batch:	280-245222	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E5903.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/29/2014 1639			Final Weight/Volume:	20 mL
Prep Date:	09/29/2014 1639				

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)	86		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

Client Sample ID: **PIN12-0572-2**

Lab Sample ID: 280-60227-60
Client Matrix: Water

Date Sampled: 09/16/2014 1039
Date Received: 09/19/2014 0925

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

Analysis Method:	8260B SIM	Analysis Batch:	280-245222	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E5904.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/29/2014 1657			Final Weight/Volume:	20 mL
Prep Date:	09/29/2014 1657				

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)	87		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

Client Sample ID: **PIN12-0578-1**

Lab Sample ID: 280-60227-61
Client Matrix: Water

Date Sampled: 09/16/2014 0822
Date Received: 09/19/2014 0925

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

Analysis Method:	8260B SIM	Analysis Batch:	280-245222	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E5905.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/29/2014 1715			Final Weight/Volume:	20 mL
Prep Date:	09/29/2014 1715				

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)	86		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

Client Sample ID: **PIN12-0578-2**

Lab Sample ID: 280-60227-62
Client Matrix: Water

Date Sampled: 09/16/2014 0904
Date Received: 09/19/2014 0925

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

Analysis Method:	8260B SIM	Analysis Batch:	280-245222	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E5890.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/29/2014 1246			Final Weight/Volume:	20 mL
Prep Date:	09/29/2014 1246				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.35	J	0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	84		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

Client Sample ID: **PIN12-0578-3**

Lab Sample ID: 280-60227-63
Client Matrix: Water

Date Sampled: 09/16/2014 0935
Date Received: 09/19/2014 0925

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

Analysis Method:	8260B SIM	Analysis Batch:	280-245222	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E5906.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/29/2014 1733			Final Weight/Volume:	20 mL
Prep Date:	09/29/2014 1733				

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

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

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
280-60227-43	PIN12-0579-1	84	84	96	100
280-60227-44	PIN12-0579-2	79	81	90	93
280-60227-45	PIN12-0579-3	83	85	96	98
280-60227-46	PIN12-0584-1	118	129X	112	115
280-60227-47	PIN12-0584-2	108	124	98	111
280-60227-48	PIN12-0584-3	110	126	100	112
280-60227-49	PIN12-0551-2	94	89	104	100
280-60227-50	PIN12-0568-1	98	95	93	90
280-60227-51	PIN12-0568-2	115	114	110	108
280-60227-52	PIN12-0568-3	113	114	110	108
280-60227-53	PIN12-0569-1	105	103	102	101
280-60227-54	PIN12-0569-2	104	103	100	99
280-60227-55	PIN12-0569-3	103	102	100	97
280-60227-56	PIN12-0570-1	89	91	99	100
280-60227-57	PIN12-0570-2	81	82	92	94
280-60227-58	PIN12-0570-3	83	85	96	98
280-60227-59	PIN12-0572-1	111	112	107	107
280-60227-60	PIN12-0572-2	117	114	111	111
280-60227-60 DL	PIN12-0572-2 DL	101	98	95	92
280-60227-61	PIN12-0578-1	110	107	108	107
280-60227-62	PIN12-0578-2	104	105	103	101
280-60227-63	PIN12-0578-3	103	105	102	102
MB 280-244637/6		111	120	106	115
MB 280-244985/6		78	76	91	93
MB 280-245229/5		106	106	104	98
MB 280-245474/5		113	108	111	110
MB 280-245657/6		82	81	96	100
MB 280-246124/8		101	105	94	97
LCS 280-244637/4		98	105	98	100

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

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

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
LCS 280-244985/4		80	78	102	95
LCS 280-245229/4		105	105	102	101
LCS 280-245474/4		103	102	99	98
LCS 280-245657/4		85	85	104	100
LCS 280-246124/6		105	109	104	98
280-60227-61 MS	PIN12-0578-1 MS	103	105	97	98
280-60005-D-1 MS		108	115	106	110
280-60339-C-2 MS		84	83	104	99
280-60095-C-1 MS		102	103	100	92
280-60179-B-14 MS		83	83	102	98
280-60426-A-5 MS		98	104	88	83
280-60227-61 MSD	PIN12-0578-1 MSD	104	105	97	100
280-60005-D-1 MSD		99	108	96	104
280-60339-C-2 MSD		79	83	105	100
280-60095-C-1 MSD		97	98	96	90
280-60179-B-14 MSD		83	81	101	107
280-60426-A-5 MSD		102	113	95	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

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

Surrogate Recovery Report

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

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCA %Rec
280-60227-43	PIN12-0579-1	102
280-60227-44	PIN12-0579-2	100
280-60227-45	PIN12-0579-3	101
280-60227-46	PIN12-0584-1	99
280-60227-47	PIN12-0584-2	97
280-60227-48	PIN12-0584-3	101
280-60227-49	PIN12-0551-2	91
280-60227-50	PIN12-0568-1	90
280-60227-51	PIN12-0568-2	90
280-60227-52	PIN12-0568-3	89
280-60227-53	PIN12-0569-1	88
280-60227-54	PIN12-0569-2	91
280-60227-55	PIN12-0569-3	90
280-60227-56	PIN12-0570-1	89
280-60227-57	PIN12-0570-2	90
280-60227-58	PIN12-0570-3	90
280-60227-59	PIN12-0572-1	86
280-60227-60	PIN12-0572-2	87
280-60227-61	PIN12-0578-1	86
280-60227-62	PIN12-0578-2	84
280-60227-63	PIN12-0578-3	87
MB 280-244628/5		97
MB 280-245222/5		87
MB 280-245469/5		86
LCS 280-244628/3		98
LCS 280-245222/3		84
LCS 280-245469/3		84
LCSD 280-244628/4		99
280-60227-62 MS	PIN12-0578-2 MS	92

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	70-127

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

Surrogate Recovery Report

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

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCA %Rec
280-60227-B-11 MS		96
280-60227-D-81 MS		89
280-60227-62 MSD	PIN12-0578-2 MSD	96
280-60227-B-11 MSD		96
280-60227-D-81 MSD		89

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	70-127

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

Method Blank - Batch: 280-244637

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-244637/6	Analysis Batch:	280-244637	Instrument ID:	VMS_P
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P5514.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2014 1004	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 1004				
Leach Date:	N/A				

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	0.694	J	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

Method Blank - Batch: 280-244637

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-244637/6	Analysis Batch:	280-244637	Instrument ID:	VMS_P
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P5514.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2014 1004	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 1004				
Leach Date:	N/A				

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)	120	70 - 127
Toluene-d8 (Surr)	106	80 - 125
4-Bromofluorobenzene (Surr)	115	78 - 120
Dibromofluoromethane (Surr)	111	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

Lab Control Sample - Batch: 280-244637

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 280-244637/4	Analysis Batch:	280-244637	Instrument ID:	VMS_P
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P5513.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2014 0945	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 0945				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	5.00	5.09	102	74 - 135	
Bromodichloromethane	5.00	5.09	102	73 - 135	
Carbon tetrachloride	5.00	6.67	133	67 - 135	
Chlorobenzene	5.00	5.16	103	76 - 135	
Chloroform	5.00	5.53	111	76 - 120	
1,3-Dichlorobenzene	5.00	5.06	101	74 - 135	
1,1-Dichloroethane	5.00	5.48	110	75 - 135	
trans-1,2-Dichloroethene	5.00	5.75	115	75 - 135	
1,1-Dichloroethene	5.00	5.33	107	71 - 136	
1,2-Dichloropropane	5.00	4.90	98	71 - 120	
Ethylbenzene	5.00	5.35	107	72 - 120	
Methylene Chloride	5.00	4.76	95	54 - 141	
Tetrachloroethene	5.00	5.65	113	70 - 135	
Toluene	5.00	5.33	107	73 - 120	
1,1,1-Trichloroethane	5.00	6.40	128	70 - 135	
Trichloroethene	5.00	5.44	109	73 - 135	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	105	70 - 127
Toluene-d8 (Surr)	98	80 - 125
4-Bromofluorobenzene (Surr)	100	78 - 120
Dibromofluoromethane (Surr)	98	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-244637

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-60005-D-1 MS	Analysis Batch:	280-244637	Instrument ID:	VMS_P
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P5518.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2014 1134			Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 1134				20 mL
Leach Date:	N/A				

MSD Lab Sample ID:	280-60005-D-1 MSD	Analysis Batch:	280-244637	Instrument ID:	VMS_P
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P5519.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2014 1153			Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 1153				20 mL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	113	104	74 - 135	8	20		
Bromodichloromethane	118	110	73 - 135	7	20		
Carbon tetrachloride	152	136	67 - 135	11	21	F1	F1
Chlorobenzene	112	104	76 - 135	7	20		
Chloroform	124	115	76 - 120	7	20	F1	
1,3-Dichlorobenzene	112	106	74 - 135	5	20		
1,1-Dichloroethane	122	113	75 - 135	8	21		
trans-1,2-Dichloroethene	127	114	75 - 135	10	24		
1,1-Dichloroethene	115	99	71 - 136	15	20		
1,2-Dichloropropane	108	100	71 - 120	8	20		
Ethylbenzene	117	106	72 - 120	10	26		
Methylene Chloride	94	87	54 - 141	7	20		
Tetrachloroethene	124	116	70 - 135	7	20		
Toluene	116	108	73 - 120	7	20		
1,1,1-Trichloroethane	145	130	70 - 135	11	20	F1	
Trichloroethene	123	109	73 - 135	11	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	115	108	70 - 127
Toluene-d8 (Surr)	106	96	80 - 125
4-Bromofluorobenzene (Surr)	110	104	78 - 120
Dibromofluoromethane (Surr)	108	99	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-244637

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-60005-D-1 MS	Units:	ug/L	MSD Lab Sample ID:	280-60005-D-1 MSD
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/24/2014 1134			Analysis Date:	09/24/2014 1153
Prep Date:	09/24/2014 1134			Prep Date:	09/24/2014 1153
Leach Date:	N/A			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	5.63		5.21	
Bromodichloromethane	0.17	U	5.00	5.00	5.89		5.51	
Carbon tetrachloride	0.19	U	5.00	5.00	7.60	F1	6.82	F1
Chlorobenzene	0.17	U	5.00	5.00	5.61		5.21	
Chloroform	0.16	U	5.00	5.00	6.19	F1	5.75	
1,3-Dichlorobenzene	0.13	U	5.00	5.00	5.62		5.32	
1,1-Dichloroethane	0.22	U	5.00	5.00	6.10		5.65	
trans-1,2-Dichloroethene	0.15	U	5.00	5.00	6.33		5.70	
1,1-Dichloroethene	0.23	U	5.00	5.00	5.75		4.97	
1,2-Dichloropropane	0.18	U	5.00	5.00	5.38		4.99	
Ethylbenzene	0.16	U	5.00	5.00	5.84		5.29	
Methylene Chloride	0.36	J	5.00	5.00	5.03		4.70	
Tetrachloroethene	0.20	U	5.00	5.00	6.22		5.81	
Toluene	0.17	U	5.00	5.00	5.79		5.40	
1,1,1-Trichloroethane	0.16	U	5.00	5.00	7.26	F1	6.52	
Trichloroethene	0.16	U	5.00	5.00	6.13		5.47	

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

Method Blank - Batch: 280-244985

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-244985/6	Analysis Batch:	280-244985	Instrument ID:	VMS_Z
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	Z0969.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/26/2014 0751	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/26/2014 0751				
Leach Date:	N/A				

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

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

Method Blank - Batch: 280-244985

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-244985/6	Analysis Batch:	280-244985	Instrument ID:	VMS_Z
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	Z0969.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/26/2014 0751	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/26/2014 0751				
Leach Date:	N/A				

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)	76	70 - 127
Toluene-d8 (Surr)	91	80 - 125
4-Bromofluorobenzene (Surr)	93	78 - 120
Dibromofluoromethane (Surr)	78	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

Lab Control Sample - Batch: 280-244985

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 280-244985/4	Analysis Batch:	280-244985	Instrument ID:	VMS_Z
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	Z0968.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/26/2014 0728	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/26/2014 0728				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	5.00	4.64	93	74 - 135	
Bromodichloromethane	5.00	4.37	87	73 - 135	
Carbon tetrachloride	5.00	5.26	105	67 - 135	
Chlorobenzene	5.00	5.55	111	76 - 135	
Chloroform	5.00	4.77	95	76 - 120	
1,3-Dichlorobenzene	5.00	5.18	104	74 - 135	
1,1-Dichloroethane	5.00	4.70	94	75 - 135	
trans-1,2-Dichloroethene	5.00	4.85	97	75 - 135	
1,1-Dichloroethene	5.00	4.57	91	71 - 136	
1,2-Dichloropropane	5.00	4.74	95	71 - 120	
Ethylbenzene	5.00	5.65	113	72 - 120	
Methylene Chloride	5.00	4.10	82	54 - 141	
Tetrachloroethene	5.00	5.92	118	70 - 135	
Toluene	5.00	4.93	99	73 - 120	
1,1,1-Trichloroethane	5.00	5.03	101	70 - 135	
Trichloroethene	5.00	5.08	102	73 - 135	

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

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-244985

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-60339-C-2 MS	Analysis Batch:	280-244985	Instrument ID:	VMS_Z
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	Z0976.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/26/2014 1036			Final Weight/Volume:	20 mL
Prep Date:	09/26/2014 1036				20 mL/100g
Leach Date:	N/A				

MSD Lab Sample ID:	280-60339-C-2 MSD	Analysis Batch:	280-244985	Instrument ID:	VMS_Z
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	Z0977.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/26/2014 1100			Final Weight/Volume:	20 mL
Prep Date:	09/26/2014 1100				20 mL/100g
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	93	95	74 - 135	2	20		
Bromodichloromethane	93	93	73 - 135	0	20		
Carbon tetrachloride	103	105	67 - 135	2	21		
Chlorobenzene	108	112	76 - 135	3	20		
Chloroform	98	100	76 - 120	2	20		
1,3-Dichlorobenzene	108	111	74 - 135	3	20		
1,1-Dichloroethane	96	98	75 - 135	2	21		
trans-1,2-Dichloroethene	96	98	75 - 135	2	24		
1,1-Dichloroethene	92	96	71 - 136	5	20		
1,2-Dichloropropane	98	103	71 - 120	5	20		
Ethylbenzene	108	111	72 - 120	3	26		
Methylene Chloride	79	82	54 - 141	5	20		
Tetrachloroethene	117	121	70 - 135	3	20		
Toluene	99	102	73 - 120	3	20		
1,1,1-Trichloroethane	100	101	70 - 135	1	20		
Trichloroethene	-121	-169	73 - 135	2	20	E 4	E 4

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	83	83	70 - 127
Toluene-d8 (Surr)	104	105	80 - 125
4-Bromofluorobenzene (Surr)	99	100	78 - 120
Dibromofluoromethane (Surr)	84	79	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-244985

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-60339-C-2 MS	Units: ug/L	MSD Lab Sample ID:	280-60339-C-2 MSD	
Client Matrix:	Water		Client Matrix:	Water	
Dilution:	1.0		Dilution:	1.0	
Analysis Date:	09/26/2014 1036		Analysis Date:	09/26/2014 1100	
Prep Date:	09/26/2014 1036		Prep Date:	09/26/2014 1100	
Leach Date:	N/A		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		4.77	
Bromodichloromethane	0.17	U	5.00	5.00	4.63		4.63	
Carbon tetrachloride	0.19	U	5.00	5.00	5.15		5.25	
Chlorobenzene	0.17	U	5.00	5.00	5.41		5.58	
Chloroform	0.16	U	5.00	5.00	4.88		5.00	
1,3-Dichlorobenzene	0.13	U	5.00	5.00	5.39		5.53	
1,1-Dichloroethane	0.22	U	5.00	5.00	4.78		4.88	
trans-1,2-Dichloroethene	0.15	U	5.00	5.00	4.80		4.90	
1,1-Dichloroethene	0.23	U	5.00	5.00	4.58		4.79	
1,2-Dichloropropane	0.18	U	5.00	5.00	4.89		5.16	
Ethylbenzene	0.16	U	5.00	5.00	5.39		5.54	
Methylene Chloride	0.32	U	5.00	5.00	3.93		4.12	
Tetrachloroethene	0.20	U	5.00	5.00	5.87		6.07	
Toluene	0.17	U	5.00	5.00	4.97		5.12	
1,1,1-Trichloroethane	0.16	U	5.00	5.00	5.00		5.06	
Trichloroethene	150		5.00	5.00	148	E 4	146	E 4

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

Method Blank - Batch: 280-245229

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-245229/5	Analysis Batch:	280-245229	Instrument ID:	VMS_MS1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	MS9840.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/29/2014 1020	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/29/2014 1020				
Leach Date:	N/A				

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	0.630	J	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

Method Blank - Batch: 280-245229

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-245229/5	Analysis Batch:	280-245229	Instrument ID:	VMS_MS1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	MS9840.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/29/2014 1020	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/29/2014 1020				
Leach Date:	N/A				

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)	106	70 - 127
Toluene-d8 (Surr)	104	80 - 125
4-Bromofluorobenzene (Surr)	98	78 - 120
Dibromofluoromethane (Surr)	106	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

Lab Control Sample - Batch: 280-245229

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 280-245229/4	Analysis Batch:	280-245229	Instrument ID:	VMS_MS1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	MS9839.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/29/2014 0956	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/29/2014 0956				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	5.00	5.14	103	74 - 135	
Bromodichloromethane	5.00	4.86	97	73 - 135	
Carbon tetrachloride	5.00	5.00	100	67 - 135	
Chlorobenzene	5.00	4.94	99	76 - 135	
Chloroform	5.00	5.08	102	76 - 120	
1,3-Dichlorobenzene	5.00	5.06	101	74 - 135	
1,1-Dichloroethane	5.00	5.35	107	75 - 135	
trans-1,2-Dichloroethene	5.00	5.19	104	75 - 135	
1,1-Dichloroethene	5.00	4.78	96	71 - 136	
1,2-Dichloropropane	5.00	5.03	101	71 - 120	
Ethylbenzene	5.00	4.85	97	72 - 120	
Methylene Chloride	5.00	5.13	103	54 - 141	
Tetrachloroethene	5.00	4.79	96	70 - 135	
Toluene	5.00	5.09	102	73 - 120	
1,1,1-Trichloroethane	5.00	4.99	100	70 - 135	
Trichloroethene	5.00	4.93	99	73 - 135	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	105	70 - 127
Toluene-d8 (Surr)	102	80 - 125
4-Bromofluorobenzene (Surr)	101	78 - 120
Dibromofluoromethane (Surr)	105	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-245229

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-60095-C-1 MS	Analysis Batch:	280-245229	Instrument ID:	VMS_MS1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	MS9847.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/29/2014 1322			Final Weight/Volume:	20 mL
Prep Date:	09/29/2014 1322				20 mL
Leach Date:	N/A				

MSD Lab Sample ID:	280-60095-C-1 MSD	Analysis Batch:	280-245229	Instrument ID:	VMS_MS1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	MS9848.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/29/2014 1345			Final Weight/Volume:	20 mL
Prep Date:	09/29/2014 1345				20 mL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	100	98	74 - 135	2	20		
Bromodichloromethane	96	93	73 - 135	3	20		
Carbon tetrachloride	91	91	67 - 135	0	21		
Chlorobenzene	99	97	76 - 135	2	20		
Chloroform	100	99	76 - 120	2	20		
1,3-Dichlorobenzene	93	92	74 - 135	1	20		
1,1-Dichloroethane	102	98	75 - 135	2	21		
trans-1,2-Dichloroethene	98	98	75 - 135	0	24		
1,1-Dichloroethene	85	86	71 - 136	1	20		
1,2-Dichloropropane	99	96	71 - 120	2	20		
Ethylbenzene	94	92	72 - 120	2	26		
Methylene Chloride	91	91	54 - 141	0	20		
Tetrachloroethene	89	90	70 - 135	1	20		
Toluene	97	94	73 - 120	3	20		
1,1,1-Trichloroethane	92	92	70 - 135	1	20		
Trichloroethene	91	89	73 - 135	1	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103	98	70 - 127
Toluene-d8 (Surr)	100	96	80 - 125
4-Bromofluorobenzene (Surr)	92	90	78 - 120
Dibromofluoromethane (Surr)	102	97	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-245229

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-60095-C-1 MS	Units:	ug/L	MSD Lab Sample ID:	280-60095-C-1 MSD
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/29/2014 1322			Analysis Date:	09/29/2014 1345
Prep Date:	09/29/2014 1322			Prep Date:	09/29/2014 1345
Leach Date:	N/A			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	5.01	4.91
Bromodichloromethane	0.17	U	5.00	5.00	4.80	4.67
Carbon tetrachloride	0.19	U	5.00	5.00	4.56	4.57
Chlorobenzene	0.17	U	5.00	5.00	4.97	4.86
Chloroform	0.16	U	5.00	5.00	5.01	4.93
1,3-Dichlorobenzene	0.13	U	5.00	5.00	4.64	4.58
1,1-Dichloroethane	2.8		5.00	5.00	7.92	7.73
trans-1,2-Dichloroethene	0.15	U	5.00	5.00	4.90	4.91
1,1-Dichloroethene	1.7		5.00	5.00	6.01	6.06
1,2-Dichloropropane	0.18	U	5.00	5.00	4.94	4.82
Ethylbenzene	0.16	U	5.00	5.00	4.72	4.62
Methylene Chloride	0.32	U	5.00	5.00	4.57	4.55
Tetrachloroethene	0.44	J	5.00	5.00	4.89	4.93
Toluene	0.17	U	5.00	5.00	4.84	4.72
1,1,1-Trichloroethane	0.16	U	5.00	5.00	4.58	4.61
Trichloroethene	2.2		5.00	5.00	6.76	6.67

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

Method Blank - Batch: 280-245474

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-245474/5	Analysis Batch:	280-245474	Instrument ID:	VMS_MS1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	MS9876.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/30/2014 1007	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/30/2014 1007				
Leach Date:	N/A				

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	0.500	J	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

Method Blank - Batch: 280-245474

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-245474/5	Analysis Batch:	280-245474	Instrument ID:	VMS_MS1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	MS9876.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/30/2014 1007	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/30/2014 1007				
Leach Date:	N/A				

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)	108	70 - 127
Toluene-d8 (Surr)	111	80 - 125
4-Bromofluorobenzene (Surr)	110	78 - 120
Dibromofluoromethane (Surr)	113	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

Lab Control Sample - Batch: 280-245474

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 280-245474/4	Analysis Batch:	280-245474	Instrument ID:	VMS_MS1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	MS9875.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/30/2014 0944	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/30/2014 0944				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	5.00	5.39	108	74 - 135	
Bromodichloromethane	5.00	5.12	102	73 - 135	
Carbon tetrachloride	5.00	5.17	103	67 - 135	
Chlorobenzene	5.00	5.06	101	76 - 135	
Chloroform	5.00	5.21	104	76 - 120	
1,3-Dichlorobenzene	5.00	5.17	103	74 - 135	
1,1-Dichloroethane	5.00	5.53	111	75 - 135	
trans-1,2-Dichloroethene	5.00	5.38	108	75 - 135	
1,1-Dichloroethene	5.00	4.95	99	71 - 136	
1,2-Dichloropropane	5.00	5.30	106	71 - 120	
Ethylbenzene	5.00	4.95	99	72 - 120	
Methylene Chloride	5.00	5.24	105	54 - 141	
Tetrachloroethene	5.00	4.91	98	70 - 135	
Toluene	5.00	5.26	105	73 - 120	
1,1,1-Trichloroethane	5.00	5.03	101	70 - 135	
Trichloroethene	5.00	5.13	103	73 - 135	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	102	70 - 127
Toluene-d8 (Surr)	99	80 - 125
4-Bromofluorobenzene (Surr)	98	78 - 120
Dibromofluoromethane (Surr)	103	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-245474

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-60227-61	Analysis Batch:	280-245474	Instrument ID:	VMS_MS1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	MS9879.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/30/2014 1129			Final Weight/Volume:	20 mL
Prep Date:	09/30/2014 1129				20 mL
Leach Date:	N/A				

MSD Lab Sample ID:	280-60227-61	Analysis Batch:	280-245474	Instrument ID:	VMS_MS1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	MS9880.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/30/2014 1153			Final Weight/Volume:	20 mL
Prep Date:	09/30/2014 1153				20 mL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	104	104	74 - 135	0	20		
Bromodichloromethane	102	101	73 - 135	1	20		
Carbon tetrachloride	100	97	67 - 135	3	21		
Chlorobenzene	98	97	76 - 135	1	20		
Chloroform	102	102	76 - 120	0	20		
1,3-Dichlorobenzene	99	99	74 - 135	0	20		
1,1-Dichloroethane	107	106	75 - 135	0	21		
trans-1,2-Dichloroethene	105	103	75 - 135	2	24		
1,1-Dichloroethene	96	94	71 - 136	2	20		
1,2-Dichloropropane	104	105	71 - 120	1	20		
Ethylbenzene	96	93	72 - 120	2	26		
Methylene Chloride	90	93	54 - 141	3	20		
Tetrachloroethene	96	95	70 - 135	1	20		
Toluene	102	100	73 - 120	2	20		
1,1,1-Trichloroethane	97	96	70 - 135	1	20		
Trichloroethene	98	98	73 - 135	0	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	105	105	70 - 127
Toluene-d8 (Surr)	97	97	80 - 125
4-Bromofluorobenzene (Surr)	98	100	78 - 120
Dibromofluoromethane (Surr)	103	104	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-245474

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-60227-61	Units: ug/L		MSD Lab Sample ID:	280-60227-61
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/30/2014 1129			Analysis Date:	09/30/2014 1153
Prep Date:	09/30/2014 1129			Prep Date:	09/30/2014 1153
Leach Date:	N/A			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	5.20	5.19
Bromodichloromethane	0.17	U	5.00	5.00	5.11	5.05
Carbon tetrachloride	0.19	U	5.00	5.00	4.98	4.83
Chlorobenzene	0.17	U	5.00	5.00	4.90	4.84
Chloroform	0.16	U	5.00	5.00	5.08	5.08
1,3-Dichlorobenzene	0.13	U	5.00	5.00	4.95	4.94
1,1-Dichloroethane	0.22	U	5.00	5.00	5.34	5.31
trans-1,2-Dichloroethene	0.15	U	5.00	5.00	5.23	5.13
1,1-Dichloroethene	0.23	U	5.00	5.00	4.79	4.71
1,2-Dichloropropane	0.18	U	5.00	5.00	5.18	5.23
Ethylbenzene	0.16	U	5.00	5.00	4.78	4.67
Methylene Chloride	0.41	J	5.00	5.00	4.92	5.07
Tetrachloroethene	0.20	U	5.00	5.00	4.80	4.73
Toluene	0.17	U	5.00	5.00	5.10	5.00
1,1,1-Trichloroethane	0.16	U	5.00	5.00	4.86	4.81
Trichloroethene	0.16	U	5.00	5.00	4.91	4.89

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

Method Blank - Batch: 280-245657

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-245657/6	Analysis Batch:	280-245657	Instrument ID:	VMS_Z
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	Z1146.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	10/01/2014 0846	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	10/01/2014 0846				
Leach Date:	N/A				

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

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

Method Blank - Batch: 280-245657

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-245657/6	Analysis Batch:	280-245657	Instrument ID:	VMS_Z
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	Z1146.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	10/01/2014 0846	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	10/01/2014 0846				
Leach Date:	N/A				

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	0.267	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)	81	70 - 127
Toluene-d8 (Surr)	96	80 - 125
4-Bromofluorobenzene (Surr)	100	78 - 120
Dibromofluoromethane (Surr)	82	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

Lab Control Sample - Batch: 280-245657

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 280-245657/4	Analysis Batch:	280-245657	Instrument ID:	VMS_Z
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	Z1145.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	10/01/2014 0823	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	10/01/2014 0823				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	5.00	4.39	88	74 - 135	
Bromodichloromethane	5.00	4.48	90	73 - 135	
Carbon tetrachloride	5.00	5.18	104	67 - 135	
Chlorobenzene	5.00	5.16	103	76 - 135	
Chloroform	5.00	4.65	93	76 - 120	
1,3-Dichlorobenzene	5.00	5.23	105	74 - 135	
1,1-Dichloroethane	5.00	4.57	91	75 - 135	
trans-1,2-Dichloroethene	5.00	4.73	95	75 - 135	
1,1-Dichloroethene	5.00	4.53	91	71 - 136	
1,2-Dichloropropane	5.00	4.52	90	71 - 120	
Ethylbenzene	5.00	5.29	106	72 - 120	
Methylene Chloride	5.00	4.19	84	54 - 141	
Tetrachloroethene	5.00	5.67	113	70 - 135	
Toluene	5.00	4.79	96	73 - 120	
1,1,1-Trichloroethane	5.00	4.90	98	70 - 135	
Trichloroethene	5.00	4.98	100	73 - 135	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	85	70 - 127
Toluene-d8 (Surr)	104	80 - 125
4-Bromofluorobenzene (Surr)	100	78 - 120
Dibromofluoromethane (Surr)	85	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-245657

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-60179-B-14 MS	Analysis Batch:	280-245657	Instrument ID:	VMS_Z
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	Z1148.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	10/01/2014 0933			Final Weight/Volume:	20 mL
Prep Date:	10/01/2014 0933				20 mL/100g
Leach Date:	N/A				

MSD Lab Sample ID:	280-60179-B-14 MSD	Analysis Batch:	280-245657	Instrument ID:	VMS_Z
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	Z1149.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	10/01/2014 0956			Final Weight/Volume:	20 mL
Prep Date:	10/01/2014 0956				20 mL/100g
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	86	88	74 - 135	2	20		
Bromodichloromethane	89	90	73 - 135	1	20		
Carbon tetrachloride	101	103	67 - 135	2	21		
Chlorobenzene	101	104	76 - 135	3	20		
Chloroform	93	94	76 - 120	2	20		
1,3-Dichlorobenzene	102	117	74 - 135	14	20		
1,1-Dichloroethane	91	92	75 - 135	1	21		
trans-1,2-Dichloroethene	94	95	75 - 135	1	24		
1,1-Dichloroethene	88	89	71 - 136	0	20		
1,2-Dichloropropane	90	92	71 - 120	3	20		
Ethylbenzene	103	104	72 - 120	1	26		
Methylene Chloride	82	83	54 - 141	2	20		
Tetrachloroethene	110	111	70 - 135	1	20		
Toluene	95	97	73 - 120	2	20		
1,1,1-Trichloroethane	96	98	70 - 135	2	20		
Trichloroethene	98	100	73 - 135	2	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	83	81	70 - 127
Toluene-d8 (Surr)	102	101	80 - 125
4-Bromofluorobenzene (Surr)	98	107	78 - 120
Dibromofluoromethane (Surr)	83	83	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-245657

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-60179-B-14 MS	Units:	ug/L	MSD Lab Sample ID:	280-60179-B-14 MSD
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	10/01/2014 0933			Analysis Date:	10/01/2014 0956
Prep Date:	10/01/2014 0933			Prep Date:	10/01/2014 0956
Leach Date:	N/A			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	8.64	8.78
Bromodichloromethane	0.34	U	10.0	10.0	8.86	8.99
Carbon tetrachloride	0.38	U	10.0	10.0	10.1	10.3
Chlorobenzene	0.34	U	10.0	10.0	10.1	10.4
Chloroform	0.32	U	10.0	10.0	9.29	9.43
1,3-Dichlorobenzene	0.26	U	10.0	10.0	10.2	11.7
1,1-Dichloroethane	0.44	U	10.0	10.0	9.13	9.18
trans-1,2-Dichloroethene	0.30	U	10.0	10.0	9.36	9.46
1,1-Dichloroethene	0.64	J	10.0	10.0	9.49	9.50
1,2-Dichloropropane	0.36	U	10.0	10.0	8.96	9.24
Ethylbenzene	0.32	U	10.0	10.0	10.3	10.4
Methylene Chloride	0.64	U	10.0	10.0	8.17	8.30
Tetrachloroethene	0.40	U	10.0	10.0	11.0	11.1
Toluene	0.34	U	10.0	10.0	9.51	9.68
1,1,1-Trichloroethane	0.32	U	10.0	10.0	9.62	9.82
Trichloroethene	0.32	U	10.0	10.0	9.78	9.97

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

Method Blank - Batch: 280-246124

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-246124/8	Analysis Batch:	280-246124	Instrument ID:	VMS_G2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	G2_5992.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	10/03/2014 0106	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	10/03/2014 0106				
Leach Date:	N/A				

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	1.13		0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

Method Blank - Batch: 280-246124

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-246124/8	Analysis Batch:	280-246124	Instrument ID:	VMS_G2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	G2_5992.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	10/03/2014 0106	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	10/03/2014 0106				
Leach Date:	N/A				

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)	105	70 - 127
Toluene-d8 (Surr)	94	80 - 125
4-Bromofluorobenzene (Surr)	97	78 - 120
Dibromofluoromethane (Surr)	101	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

Lab Control Sample - Batch: 280-246124

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 280-246124/6	Analysis Batch:	280-246124	Instrument ID:	VMS_G2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	G2_5988.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	10/02/2014 2345	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	10/02/2014 2345				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	5.00	4.92	98	74 - 135	
Bromodichloromethane	5.00	5.49	110	73 - 135	
Carbon tetrachloride	5.00	5.62	112	67 - 135	
Chlorobenzene	5.00	4.97	99	76 - 135	
Chloroform	5.00	5.27	105	76 - 120	
1,3-Dichlorobenzene	5.00	4.95	99	74 - 135	
1,1-Dichloroethane	5.00	4.98	100	75 - 135	
trans-1,2-Dichloroethene	5.00	4.76	95	75 - 135	
1,1-Dichloroethene	5.00	4.36	87	71 - 136	
1,2-Dichloropropane	5.00	4.75	95	71 - 120	
Ethylbenzene	5.00	5.02	100	72 - 120	
Methylene Chloride	5.00	6.15	123	54 - 141	
Tetrachloroethene	5.00	5.06	101	70 - 135	
Toluene	5.00	5.28	106	73 - 120	
1,1,1-Trichloroethane	5.00	5.49	110	70 - 135	
Trichloroethene	5.00	5.06	101	73 - 135	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	109	70 - 127
Toluene-d8 (Surr)	104	80 - 125
4-Bromofluorobenzene (Surr)	98	78 - 120
Dibromofluoromethane (Surr)	105	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-246124

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-60426-A-5 MS	Analysis Batch:	280-246124	Instrument ID:	VMS_G2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	G2_6006.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	10/03/2014 0550			Final Weight/Volume:	20 mL
Prep Date:	10/03/2014 0550				20 mL
Leach Date:	N/A				

MSD Lab Sample ID:	280-60426-A-5 MSD	Analysis Batch:	280-246124	Instrument ID:	VMS_G2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	G2_6007.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	10/03/2014 0610			Final Weight/Volume:	20 mL
Prep Date:	10/03/2014 0610				20 mL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	89	104	74 - 135	16	20		
Bromodichloromethane	106	124	73 - 135	16	20		
Carbon tetrachloride	110	122	67 - 135	11	21		
Chlorobenzene	89	103	76 - 135	14	20		
Chloroform	104	116	76 - 120	10	20		
1,3-Dichlorobenzene	86	102	74 - 135	17	20		
1,1-Dichloroethane	95	107	75 - 135	11	21		
trans-1,2-Dichloroethene	88	101	75 - 135	14	24		
1,1-Dichloroethene	79	90	71 - 136	13	20		
1,2-Dichloropropane	89	104	71 - 120	16	20		
Ethylbenzene	86	99	72 - 120	15	26		
Methylene Chloride	88	102	54 - 141	14	20		
Tetrachloroethene	88	103	70 - 135	15	20		
Toluene	95	111	73 - 120	16	20		
1,1,1-Trichloroethane	108	119	70 - 135	10	20		
Trichloroethene	85	102	73 - 135	15	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	104	113	70 - 127
Toluene-d8 (Surr)	88	95	80 - 125
4-Bromofluorobenzene (Surr)	83	92	78 - 120
Dibromofluoromethane (Surr)	98	102	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-246124

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-60426-A-5 MS	Units:	ug/L	MSD Lab Sample ID:	280-60426-A-5 MSD
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	10/03/2014 0550			Analysis Date:	10/03/2014 0610
Prep Date:	10/03/2014 0550			Prep Date:	10/03/2014 0610
Leach Date:	N/A			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	4.43	5.19
Bromodichloromethane	0.17	U	5.00	5.00	5.28	6.18
Carbon tetrachloride	0.19	U	5.00	5.00	5.49	6.11
Chlorobenzene	0.17	U	5.00	5.00	4.46	5.13
Chloroform	0.41	J	5.00	5.00	5.60	6.20
1,3-Dichlorobenzene	0.13	U	5.00	5.00	4.31	5.10
1,1-Dichloroethane	0.22	U	5.00	5.00	4.77	5.36
trans-1,2-Dichloroethene	0.15	U	5.00	5.00	4.40	5.05
1,1-Dichloroethene	0.23	U	5.00	5.00	3.93	4.49
1,2-Dichloropropane	0.18	U	5.00	5.00	4.44	5.21
Ethylbenzene	0.16	U	5.00	5.00	4.28	4.96
Methylene Chloride	0.42	J	5.00	5.00	4.83	5.53
Tetrachloroethene	0.20	U	5.00	5.00	4.42	5.14
Toluene	0.17	U	5.00	5.00	4.73	5.57
1,1,1-Trichloroethane	0.16	U	5.00	5.00	5.38	5.94
Trichloroethene	1.2		5.00	5.00	5.43	6.29

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

Method Blank - Batch: 280-244628

Method: 8260B SIM
Preparation: 5030B

Lab Sample ID:	MB 280-244628/5	Analysis Batch:	280-244628	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E5754.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2014 0956	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 0956				
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)	97	70 - 127

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 280-244628

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-244628/3	Analysis Batch:	280-244628	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E5752.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2014 0920	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 0920				20 mL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 280-244628/4	Analysis Batch:	280-244628	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E5753.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2014 0938	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 0938				20 mL
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,4-Dioxane	91	91	25 - 141	0	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	98	99	70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 280-244628

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-244628/3	Units: ug/L		LCSD Lab Sample ID:	LCSD 280-244628/4
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/24/2014 0920			Analysis Date:	09/24/2014 0938
Prep Date:	09/24/2014 0920			Prep Date:	09/24/2014 0938
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,4-Dioxane	5.00	5.00	4.55	4.53

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-244628

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID:	280-60227-B-11 MS	Analysis Batch:	280-244628	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E5756.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.5 mL
Analysis Date:	09/24/2014 1044			Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 1044				20 mL
Leach Date:	N/A				

MSD Lab Sample ID:	280-60227-B-11 MSD	Analysis Batch:	280-244628	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E5757.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.5 mL
Analysis Date:	09/24/2014 1102			Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 1102				20 mL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,4-Dioxane	115	121	25 - 141	2	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96	96	70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-244628

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID:	280-60227-B-11 MS	Units: ug/L	MSD Lab Sample ID:	280-60227-B-11 MSD	
Client Matrix:	Water		Client Matrix:	Water	
Dilution:	1.0		Dilution:	1.0	
Analysis Date:	09/24/2014 1044		Analysis Date:	09/24/2014 1102	
Prep Date:	09/24/2014 1044		Prep Date:	09/24/2014 1102	
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	290	200	200	518	530

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

Method Blank - Batch: 280-245222

Method: 8260B SIM
Preparation: 5030B

Lab Sample ID:	MB 280-245222/5	Analysis Batch:	280-245222	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E5888.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/29/2014 1210	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/29/2014 1210				
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)	87	70 - 127

Lab Control Sample - Batch: 280-245222

Method: 8260B SIM
Preparation: 5030B

Lab Sample ID:	LCS 280-245222/3	Analysis Batch:	280-245222	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E5886.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/29/2014 1134	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/29/2014 1134				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,4-Dioxane	5.00	5.69	114	25 - 141	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	84	70 - 127

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	92	96	70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

Method Blank - Batch: 280-245469

Method: 8260B SIM
Preparation: 5030B

Lab Sample ID:	MB 280-245469/5	Analysis Batch:	280-245469	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E5922.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/30/2014 0935	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/30/2014 0935				
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: 280-245469

Method: 8260B SIM
Preparation: 5030B

Lab Sample ID:	LCS 280-245469/3	Analysis Batch:	280-245469	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E5920.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/30/2014 0858	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/30/2014 0858				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,4-Dioxane	5.00	4.66	93	25 - 141	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	84	70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-245469

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID:	280-60227-D-81 MS	Analysis Batch:	280-245469	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E5924.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	2 mL
Analysis Date:	09/30/2014 1011			Final Weight/Volume:	20 mL
Prep Date:	09/30/2014 1011				20 mL
Leach Date:	N/A				

MSD Lab Sample ID:	280-60227-D-81 MSD	Analysis Batch:	280-245469	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E5925.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	2 mL
Analysis Date:	09/30/2014 1030			Final Weight/Volume:	20 mL
Prep Date:	09/30/2014 1030				20 mL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,4-Dioxane	53	104	25 - 141	18	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	89	89	70 - 127

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-245469

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID:	280-60227-D-81 MS	Units:	ug/L	MSD Lab Sample ID:	280-60227-D-81 MSD
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/30/2014 1011			Analysis Date:	09/30/2014 1030
Prep Date:	09/30/2014 1011			Prep Date:	09/30/2014 1030
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	100	50.0	50.0	127	153

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:280-244189					
280-60227-46	PIN12-0584-1	T	Water	8260B SIM	
280-60227-47	PIN12-0584-2	T	Water	8260B SIM	
280-60227-48	PIN12-0584-3	T	Water	8260B SIM	
Analysis Batch:280-244628					
LCS 280-244628/3	Lab Control Sample	T	Water	8260B SIM	
LCSD 280-244628/4	Lab Control Sample Duplicate	T	Water	8260B SIM	
MB 280-244628/5	Method Blank	T	Water	8260B SIM	
280-60227-B-11 MS	Matrix Spike	T	Water	8260B SIM	
280-60227-B-11 MSD	Matrix Spike Duplicate	T	Water	8260B SIM	
280-60227-43	PIN12-0579-1	T	Water	8260B SIM	
280-60227-44	PIN12-0579-2	T	Water	8260B SIM	
280-60227-45	PIN12-0579-3	T	Water	8260B SIM	
Analysis Batch:280-244637					
LCS 280-244637/4	Lab Control Sample	T	Water	8260B	
MB 280-244637/6	Method Blank	T	Water	8260B	
280-60005-D-1 MS	Matrix Spike	T	Water	8260B	
280-60005-D-1 MSD	Matrix Spike Duplicate	T	Water	8260B	
280-60227-46	PIN12-0584-1	T	Water	8260B	
280-60227-47	PIN12-0584-2	T	Water	8260B	
280-60227-48	PIN12-0584-3	T	Water	8260B	
Analysis Batch:280-244985					
LCS 280-244985/4	Lab Control Sample	T	Water	8260B	
MB 280-244985/6	Method Blank	T	Water	8260B	
280-60227-43	PIN12-0579-1	T	Water	8260B	
280-60227-44	PIN12-0579-2	T	Water	8260B	
280-60227-45	PIN12-0579-3	T	Water	8260B	
280-60339-C-2 MS	Matrix Spike	T	Water	8260B	
280-60339-C-2 MSD	Matrix Spike Duplicate	T	Water	8260B	

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:280-245222					
LCS 280-245222/3	Lab Control Sample	T	Water	8260B SIM	
MB 280-245222/5	Method Blank	T	Water	8260B SIM	
280-60227-50	PIN12-0568-1	T	Water	8260B SIM	
280-60227-51	PIN12-0568-2	T	Water	8260B SIM	
280-60227-52	PIN12-0568-3	T	Water	8260B SIM	
280-60227-53	PIN12-0569-1	T	Water	8260B SIM	
280-60227-54	PIN12-0569-2	T	Water	8260B SIM	
280-60227-55	PIN12-0569-3	T	Water	8260B SIM	
280-60227-56	PIN12-0570-1	T	Water	8260B SIM	
280-60227-59	PIN12-0572-1	T	Water	8260B SIM	
280-60227-60	PIN12-0572-2	T	Water	8260B SIM	
280-60227-61	PIN12-0578-1	T	Water	8260B SIM	
280-60227-62	PIN12-0578-2	T	Water	8260B SIM	
280-60227-62MS	Matrix Spike	T	Water	8260B SIM	
280-60227-62MSD	Matrix Spike Duplicate	T	Water	8260B SIM	
280-60227-63	PIN12-0578-3	T	Water	8260B SIM	
Analysis Batch:280-245229					
LCS 280-245229/4	Lab Control Sample	T	Water	8260B	
MB 280-245229/5	Method Blank	T	Water	8260B	
280-60095-C-1 MS	Matrix Spike	T	Water	8260B	
280-60095-C-1 MSD	Matrix Spike Duplicate	T	Water	8260B	
280-60227-50	PIN12-0568-1	T	Water	8260B	
280-60227-51	PIN12-0568-2	T	Water	8260B	
Analysis Batch:280-245469					
LCS 280-245469/3	Lab Control Sample	T	Water	8260B SIM	
MB 280-245469/5	Method Blank	T	Water	8260B SIM	
280-60227-49	PIN12-0551-2	T	Water	8260B SIM	
280-60227-57	PIN12-0570-2	T	Water	8260B SIM	
280-60227-58	PIN12-0570-3	T	Water	8260B SIM	
280-60227-D-81 MS	Matrix Spike	T	Water	8260B SIM	
280-60227-D-81 MSD	Matrix Spike Duplicate	T	Water	8260B SIM	

Client: S.M. Stoller Corporation

Job Number: 280-60227-3
Sdg Number: 14086435

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:280-245474					
LCS 280-245474/4	Lab Control Sample	T	Water	8260B	
MB 280-245474/5	Method Blank	T	Water	8260B	
280-60227-52	PIN12-0568-3	T	Water	8260B	
280-60227-53	PIN12-0569-1	T	Water	8260B	
280-60227-54	PIN12-0569-2	T	Water	8260B	
280-60227-55	PIN12-0569-3	T	Water	8260B	
280-60227-59	PIN12-0572-1	T	Water	8260B	
280-60227-60	PIN12-0572-2	T	Water	8260B	
280-60227-60DL	PIN12-0572-2	T	Water	8260B	
280-60227-61	PIN12-0578-1	T	Water	8260B	
280-60227-61MS	Matrix Spike	T	Water	8260B	
280-60227-61MSD	Matrix Spike Duplicate	T	Water	8260B	
280-60227-62	PIN12-0578-2	T	Water	8260B	
280-60227-63	PIN12-0578-3	T	Water	8260B	
Analysis Batch:280-245657					
LCS 280-245657/4	Lab Control Sample	T	Water	8260B	
MB 280-245657/6	Method Blank	T	Water	8260B	
280-60179-B-14 MS	Matrix Spike	T	Water	8260B	
280-60179-B-14 MSD	Matrix Spike Duplicate	T	Water	8260B	
280-60227-56	PIN12-0570-1	T	Water	8260B	
280-60227-57	PIN12-0570-2	T	Water	8260B	
280-60227-58	PIN12-0570-3	T	Water	8260B	
Analysis Batch:280-246124					
LCS 280-246124/6	Lab Control Sample	T	Water	8260B	
MB 280-246124/8	Method Blank	T	Water	8260B	
280-60227-49	PIN12-0551-2	T	Water	8260B	
280-60426-A-5 MS	Matrix Spike	T	Water	8260B	
280-60426-A-5 MSD	Matrix Spike Duplicate	T	Water	8260B	

Report Basis
T = Total

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 280-60227-4

SDG Number: 14086435

Job Description: PINELLAS MONITORING

For:
S.M. Stoller Corporation
2597 Legacy Way
Grand Junction, CO 81503

Attention: Mr. Steve Donivan

Approved for release.
DiLea R Bindel
Project Manager I
10/9/2014 11:55 AM

DiLea R Bindel, Project Manager I
4955 Yarrow Street, Arvada, CO, 80002
(303)736-0173
dilea.bindel@testamericainc.com
10/09/2014

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.

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 - 14086435

Report Number: 280-60227-4

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.

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.

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.

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 9/19/2014 9:25 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 3 coolers at receipt time were 0.2º C, 1.7º C and 2.1º C.

One of the four 40mL vials submitted for sample PIN12-0585-3 (MJS 880), requesting VOA, Dioxane analysis, contained air bubbles greater than 6mm in diameter. Sufficient volume remained to proceed with the requested analysis. The client was notified on 9/23/2014.

Two of the four 40mL vials submitted for sample PIN12-2452 (MJS 949), requesting VOA, Dioxane analysis, contained air bubbles greater than 6mm in diameter. Sufficient volume remained to proceed with the requested analysis. The client was notified on 9/23/2014.

The laboratory noted that the samples listed on the chain-of-custody under the signature line were almost missed. In order to avoid missing any of the samples listed on the chains-of-custody, the client was advised to make sure all of the samples are listed on the chains-of-custody above the signature lines. The client was notified on 9/23/2014.

GC/MS VOLATILES - SW846 8260B

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

Samples PIN12-S70B (MJS 928), PIN12-S70C (MJS 929) and PIN12-S70D (MJS 930) exhibited surrogate recoveries outside the control limits, biased high, for 1,2-Dichloroethane-d4. As no detectable concentrations are present at levels greater than the reporting limits in the samples, corrective action is deemed unnecessary.

The internal standard (ISTD) response for TBA-d9 in sample PIN12-S70D (MJS 930) was outside acceptance criteria. The ISTDs are not associated with the requested target compound; therefore, corrective action is deemed unnecessary.

Methylene Chloride, a common laboratory contaminant, was detected in the method blanks associated with batches 280-244637 and 280-245007, 280-245474, 280-245896 and 280-246123 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”. If the associated samples reported a result above the MDL and/or RL, the result has been “B” flagged.

Methylene Chloride, a common laboratory contaminant, was detected in the method blank associated with batch 280-246128 at a level exceeding the reporting limit. Because this common laboratory contaminant is present in the method blank at a level that was less than five times the reporting limit, corrective action is not required. If the associated samples reported a result above the MDL and/or RL, the result has been “B” flagged.

1,2,3-Trichlorobenzene was detected in the method blank associated with batch 280-245657 at a level that was above the method detection limit but not greater than half the reporting limit. The value should be considered an estimate, and has been flagged “J”. If the associated samples reported a result above the MDL and/or RL, the result has been “B” flagged.

The MS/MSD associated with batch 280-245896 exhibited percent recoveries outside the control limits, biased high, for 1,1-Dichloroethene. In addition, the accuracy and precision of Tetrachloroethene in the MS/MSD could not be reliably evaluated, as the concentration present in the parent sample was 4 times greater than the matrix spike concentration, and the concentration was present above the instrument calibration range. The acceptable LCS analysis data indicated that the analytical system was operating within

control; therefore, corrective action is deemed unnecessary.

The accuracy and precision of Trichloroethene in the MS/MSD associated with batch 280-244985 could not be reliably evaluated, as the concentration present in the parent sample was 4 times greater than the matrix spike concentration. In addition, concentrations were present above the instrument calibration range for this analyte. The acceptable LCS analysis data indicated that the analytical system was operating within control; therefore, corrective action is deemed unnecessary.

The accuracy and precision of 1-Dichloroethene and Trichloroethene in the MS/MSD performed on sample PIN12-2454 (MJS 951) in batch 280-245912 could not be reliably evaluated, as the concentration present in the parent sample was 4 times greater than the matrix spike concentration. 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 280-244637 exhibited percent recoveries outside the control limits, biased high, for some analytes. The acceptable LCS analysis data indicated that the analytical system was operating within control; therefore, corrective action is deemed unnecessary.

The MS aliquot of the MS/MSD associated with batch 280-246128 exhibited percent recoveries outside the control limits, biased high, for Ethylbenzene. In addition, the accuracy and precision of Benzene and Toluene in the MS/MSD could not be reliably evaluated, as the concentrations present in the parent sample were 4 times greater than the matrix spike concentration, and the concentrations were present above the instrument calibration range for these analytes. The acceptable LCS analysis data indicated that the analytical system was operating within control; therefore, corrective action is deemed unnecessary.

A Continuing Calibration Verification (CCV) standard associated with samples in batch 280-246123 recovered above the upper control limit for Acetone. No detectable concentrations of Acetone are present in the associated samples; therefore, corrective action is deemed unnecessary.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

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

Due to high concentrations of non-target analytes, sample PIN12-2454 (MJS 951) in batch 280-245658 had to be analyzed using a reduced aliquot size. The reporting limits have been elevated accordingly.

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

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

DATA REPORTING QUALIFIERS

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

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.
	F1	MS and/or MSD Recovery exceeds the control 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.
	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

SAMPLE SUMMARY

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
280-60227-64	PIN12-0587-1	Water	09/18/2014 1245	09/19/2014 0925
280-60227-65	PIN12-2453	Water	09/13/2014 1200	09/19/2014 0925
280-60227-66	PIN12-S70B	Water	09/13/2014 0820	09/19/2014 0925
280-60227-67	PIN12-S70C	Water	09/13/2014 0920	09/19/2014 0925
280-60227-68	PIN12-S70D	Water	09/13/2014 1033	09/19/2014 0925
280-60227-69	PIN12-0587-3	Water	09/18/2014 1357	09/19/2014 0925
280-60227-70	PIN12-0588-1	Water	09/18/2014 1042	09/19/2014 0925
280-60227-71	PIN12-0588-2	Water	09/18/2014 1111	09/19/2014 0925
280-60227-72	PIN12-0588-3	Water	09/18/2014 1204	09/19/2014 0925
280-60227-73	PIN99-2200	Water	09/16/2014 1200	09/19/2014 0925
280-60227-74	PIN12-2450	Water	09/16/2014 0800	09/19/2014 0925
280-60227-75	PIN12-2454	Water	09/18/2014 1200	09/19/2014 0925
280-60227-76	PIN12-S69D	Water	09/18/2014 1110	09/19/2014 0925
280-60227-77	PIN12-S71B	Water	09/17/2014 0945	09/19/2014 0925
280-60227-78	PIN12-S71C	Water	09/17/2014 1104	09/19/2014 0925
280-60227-79	PIN12-S71D	Water	09/17/2014 1430	09/19/2014 0925
280-60227-80	PIN12-S73B	Water	09/16/2014 1025	09/19/2014 0925
280-60227-81	PIN12-S73C	Water	09/16/2014 1120	09/19/2014 0925
280-60227-82	PIN12-S73D	Water	09/16/2014 1208	09/19/2014 0925
280-60227-83	PIN99-2199	Water	09/13/2014 0800	09/19/2014 0925
280-60227-84	PIN12-2452	Water	09/15/2014 1230	09/19/2014 0925
280-60227-85	PIN12-S69C	Water	09/18/2014 1030	09/19/2014 0925
280-60227-86	PIN12-0585-3	Water	09/13/2014 1354	09/19/2014 0925
280-60227-87	PIN12-0587-2	Water	09/18/2014 1313	09/19/2014 0925

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-60227-64	**PIN12-0587-1**					
cis-1,2-Dichloroethene		60		4.0	ug/L	8260B
trans-1,2-Dichloroethene		0.94	J	1.0	ug/L	8260B
1,1-Dichloroethene		2.2		1.0	ug/L	8260B
Methylene Chloride		0.37	J B	1.0	ug/L	8260B
Vinyl chloride		86		4.0	ug/L	8260B
1,4-Dioxane		0.70	J	1.0	ug/L	8260B SIM
280-60227-65	**PIN12-2453**					
cis-1,2-Dichloroethene		7000		200	ug/L	8260B
trans-1,2-Dichloroethene		57		20	ug/L	8260B
1,1-Dichloroethene		480		20	ug/L	8260B
Methylene Chloride		13	J B	20	ug/L	8260B
Trichloroethene		2000		200	ug/L	8260B
Vinyl chloride		810		20	ug/L	8260B
1,4-Dioxane		5.5		1.0	ug/L	8260B SIM
280-60227-66	**PIN12-S70B**					
Acetone		2.8	J	10	ug/L	8260B
cis-1,2-Dichloroethene		14		1.0	ug/L	8260B
trans-1,2-Dichloroethene		0.55	J	1.0	ug/L	8260B
Vinyl chloride		5.6		1.0	ug/L	8260B
280-60227-67	**PIN12-S70C**					
1,1-Dichloroethane		6.2		1.0	ug/L	8260B
cis-1,2-Dichloroethene		12		1.0	ug/L	8260B
trans-1,2-Dichloroethene		3.6		1.0	ug/L	8260B
Vinyl chloride		10		1.0	ug/L	8260B
1,4-Dioxane		15		1.0	ug/L	8260B SIM
280-60227-68	**PIN12-S70D**					
Acetone		6.9	J	10	ug/L	8260B
1,1-Dichloroethane		8.8		1.0	ug/L	8260B
cis-1,2-Dichloroethene		20		1.0	ug/L	8260B
trans-1,2-Dichloroethene		7.4		1.0	ug/L	8260B
1,1-Dichloroethene		0.49	J	1.0	ug/L	8260B
Methylene Chloride		0.35	J B	1.0	ug/L	8260B
Vinyl chloride		14		1.0	ug/L	8260B
1,4-Dioxane		15		1.0	ug/L	8260B SIM

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-60227-69	**PIN12-0587-3**					
1,1-Dichloroethane		0.95	J	2.0	ug/L	8260B
cis-1,2-Dichloroethene		260		20	ug/L	8260B
trans-1,2-Dichloroethene		3.9		2.0	ug/L	8260B
1,1-Dichloroethene		13		2.0	ug/L	8260B
Methylene Chloride		1.2	J B	2.0	ug/L	8260B
Trichloroethene		0.81	J	2.0	ug/L	8260B
Vinyl chloride		550		20	ug/L	8260B
1,4-Dioxane		3.2		1.0	ug/L	8260B SIM
280-60227-70	**PIN12-0588-1**					
cis-1,2-Dichloroethene		0.23	J	1.0	ug/L	8260B
Methylene Chloride		0.38	J B	1.0	ug/L	8260B
Vinyl chloride		0.26	J	1.0	ug/L	8260B
280-60227-71	**PIN12-0588-2**					
1,1-Dichloroethane		1.7		1.0	ug/L	8260B
cis-1,2-Dichloroethene		1.3		1.0	ug/L	8260B
Vinyl chloride		2.6		1.0	ug/L	8260B
1,4-Dioxane		8.7		1.0	ug/L	8260B SIM
280-60227-72	**PIN12-0588-3**					
cis-1,2-Dichloroethene		0.24	J	1.0	ug/L	8260B
Vinyl chloride		0.62	J	1.0	ug/L	8260B
1,4-Dioxane		1.2		1.0	ug/L	8260B SIM
280-60227-73	**PIN99-2200**					
Acetone		7.3	J	10	ug/L	8260B
Methylene Chloride		0.70	J B	1.0	ug/L	8260B
280-60227-74	**PIN12-2450**					
Acetone		3.0	J	10	ug/L	8260B
Methylene Chloride		0.43	J B	1.0	ug/L	8260B

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-60227-75	**PIN12-2454**					
cis-1,2-Dichloroethene		8000		200	ug/L	8260B
trans-1,2-Dichloroethene		56		20	ug/L	8260B
1,1-Dichloroethene		490		20	ug/L	8260B
Trichloroethene		460		20	ug/L	8260B
Vinyl chloride		1500		200	ug/L	8260B
1,4-Dioxane		5.2	J	10	ug/L	8260B SIM
280-60227-76	**PIN12-S69D**					
Acetone		3.6	J	10	ug/L	8260B
cis-1,2-Dichloroethene		0.45	J	1.0	ug/L	8260B
Vinyl chloride		0.44	J	1.0	ug/L	8260B
1,4-Dioxane		0.65	J	1.0	ug/L	8260B SIM
280-60227-77	**PIN12-S71B**					
1,4-Dioxane		1.2		1.0	ug/L	8260B SIM
280-60227-78	**PIN12-S71C**					
1,1-Dichloroethane		0.80	J	1.0	ug/L	8260B
cis-1,2-Dichloroethene		5.8		1.0	ug/L	8260B
trans-1,2-Dichloroethene		3.5		1.0	ug/L	8260B
Vinyl chloride		12		1.0	ug/L	8260B
1,4-Dioxane		13		1.0	ug/L	8260B SIM
280-60227-79	**PIN12-S71D**					
1,1-Dichloroethane		1.6		1.0	ug/L	8260B
cis-1,2-Dichloroethene		22		1.0	ug/L	8260B
trans-1,2-Dichloroethene		9.4		1.0	ug/L	8260B
1,1-Dichloroethene		0.29	J	1.0	ug/L	8260B
Vinyl chloride		29		1.0	ug/L	8260B
1,4-Dioxane		18		2.0	ug/L	8260B SIM
280-60227-80	**PIN12-S73B**					
Acetone		2.3	J	10	ug/L	8260B
Methylene Chloride		0.43	J B	1.0	ug/L	8260B
Vinyl chloride		0.36	J	1.0	ug/L	8260B

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-60227-81	**PIN12-S73C**					
Acetone		6.5	J	10	ug/L	8260B
1,1-Dichloroethane		5.8		1.0	ug/L	8260B
cis-1,2-Dichloroethene		11		1.0	ug/L	8260B
trans-1,2-Dichloroethene		14		1.0	ug/L	8260B
Methylene Chloride		0.44	J B	1.0	ug/L	8260B
Vinyl chloride		110		10	ug/L	8260B
1,4-Dioxane		100		10	ug/L	8260B SIM
280-60227-82	**PIN12-S73D**					
1,1-Dichloroethane		0.46	J	1.0	ug/L	8260B
trans-1,2-Dichloroethene		0.72	J	1.0	ug/L	8260B
Methylene Chloride		0.34	J B	1.0	ug/L	8260B
Vinyl chloride		5.9		1.0	ug/L	8260B
1,4-Dioxane		8.0		1.0	ug/L	8260B SIM
280-60227-83	**PIN99-2199**					
Methylene Chloride		0.50	J B	1.0	ug/L	8260B
280-60227-84	**PIN12-2452**					
1,1-Dichloroethane		43		1.0	ug/L	8260B
cis-1,2-Dichloroethene		25		1.0	ug/L	8260B
trans-1,2-Dichloroethene		6.6		1.0	ug/L	8260B
1,1-Dichloroethene		0.46	J	1.0	ug/L	8260B
Methylene Chloride		0.90	J	1.0	ug/L	8260B
Trichloroethene		0.23	J	1.0	ug/L	8260B
Vinyl chloride		210		10	ug/L	8260B
1,4-Dioxane		380		40	ug/L	8260B SIM
280-60227-85	**PIN12-S69C**					
cis-1,2-Dichloroethene		0.56	J	1.0	ug/L	8260B
trans-1,2-Dichloroethene		0.16	J	1.0	ug/L	8260B
Vinyl chloride		0.34	J	1.0	ug/L	8260B
1,4-Dioxane		1.0		1.0	ug/L	8260B SIM

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-60227-86	**PIN12-0585-3**					
cis-1,2-Dichloroethene		540		10	ug/L	8260B
trans-1,2-Dichloroethene		12		10	ug/L	8260B
1,1-Dichloroethene		22		10	ug/L	8260B
Methylene Chloride		6.7	J B	10	ug/L	8260B
Trichloroethene		29		10	ug/L	8260B
Vinyl chloride		1400		100	ug/L	8260B
1,4-Dioxane		2.3		1.0	ug/L	8260B SIM
280-60227-87	**PIN12-0587-2**					
cis-1,2-Dichloroethene		7600		200	ug/L	8260B
trans-1,2-Dichloroethene		50		20	ug/L	8260B
1,1-Dichloroethene		400		20	ug/L	8260B
Trichloroethene		360		20	ug/L	8260B
Vinyl chloride		1500		200	ug/L	8260B
1,4-Dioxane		5.2		4.0	ug/L	8260B SIM

METHOD SUMMARY

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

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: 280-60227-4
Sdg Number: 14086435

Method	Analyst	Analyst ID
SW846 8260B	Contreras, Evan	EC
SW846 8260B	Lines, Jeremy N	JNL
SW846 8260B	Meier, Greg P	GPM
SW846 8260B	Moan, Matthew R	MRM
SW846 8260B	Seifert, Judy L	JLS
SW846 8260B	Wickham, Tom A	TAW
SW846 8260B SIM	Moan, Matthew R	MRM

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Client Sample ID: **PIN12-0587-1**

Lab Sample ID: 280-60227-64
Client Matrix: Water

Date Sampled: 09/18/2014 1245
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-246128	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS0035.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	10/02/2014 2331			Final Weight/Volume:	20 mL
Prep Date:	10/02/2014 2331				

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
trans-1,2-Dichloroethene	0.94	J	0.15	1.0
1,1-Dichloroethene	2.2		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	0.37	J B	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

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Client Sample ID: **PIN12-0587-1**

Lab Sample ID: 280-60227-64
Client Matrix: Water

Date Sampled: 09/18/2014 1245
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-246128	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS0035.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	10/02/2014 2331			Final Weight/Volume:	20 mL
Prep Date:	10/02/2014 2331				

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)	95		70 - 127
Toluene-d8 (Surr)	110		80 - 125
4-Bromofluorobenzene (Surr)	97		78 - 120
Dibromofluoromethane (Surr)	107		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Client Sample ID: **PIN12-0587-1**

Lab Sample ID: 280-60227-64
Client Matrix: Water

Date Sampled: 09/18/2014 1245
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-246123	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R8553.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	10/02/2014 2349	Run Type:	DL	Final Weight/Volume:	20 mL
Prep Date:	10/02/2014 2349				

Analyte	Result (ug/L)	Qualifier	MDL	RL
cis-1,2-Dichloroethene	60		0.60	4.0
Vinyl chloride	86		0.40	4.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96		70 - 127
Toluene-d8 (Surr)	107		80 - 125
4-Bromofluorobenzene (Surr)	100		78 - 120
Dibromofluoromethane (Surr)	104		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Client Sample ID: **PIN12-2453**

Lab Sample ID: 280-60227-65
Client Matrix: Water

Date Sampled: 09/13/2014 1200
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244637	Instrument ID:	VMS_P
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P5530.D
Dilution:	1.0			Initial Weight/Volume:	1 mL
Analysis Date:	09/24/2014 1530			Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 1530				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	38	U	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	57		3.0	20
1,1-Dichloroethene	480		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	13	J B	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

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Client Sample ID: **PIN12-2453**

Lab Sample ID: 280-60227-65
Client Matrix: Water

Date Sampled: 09/13/2014 1200
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244637	Instrument ID:	VMS_P
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P5530.D
Dilution:	1.0			Initial Weight/Volume:	1 mL
Analysis Date:	09/24/2014 1530			Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 1530				

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
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
Vinyl chloride	810		2.0	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)	120		70 - 127
Toluene-d8 (Surr)	100		80 - 125
4-Bromofluorobenzene (Surr)	105		78 - 120
Dibromofluoromethane (Surr)	109		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Client Sample ID: **PIN12-2453**

Lab Sample ID: 280-60227-65
Client Matrix: Water

Date Sampled: 09/13/2014 1200
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-245007	Instrument ID:	VMS_P
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P5668.D
Dilution:	1.0			Initial Weight/Volume:	0.1 mL
Analysis Date:	09/26/2014 1859	Run Type:	DL	Final Weight/Volume:	20 mL
Prep Date:	09/26/2014 1859				

Analyte	Result (ug/L)	Qualifier	MDL	RL
cis-1,2-Dichloroethene	7000		30	200
Trichloroethene	2000		32	200

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	91		70 - 127
Toluene-d8 (Surr)	99		80 - 125
4-Bromofluorobenzene (Surr)	90		78 - 120
Dibromofluoromethane (Surr)	94		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Client Sample ID: **PIN12-S70B**

Lab Sample ID: 280-60227-66
Client Matrix: Water

Date Sampled: 09/13/2014 0820
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244637	Instrument ID:	VMS_P
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P5532.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2014 1609			Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 1609				

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	14		0.15	1.0
trans-1,2-Dichloroethene	0.55	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

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Client Sample ID: **PIN12-S70B**

Lab Sample ID: 280-60227-66
Client Matrix: Water

Date Sampled: 09/13/2014 0820
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244637	Instrument ID:	VMS_P
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P5532.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2014 1609			Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 1609				

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	5.6		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)	132	X	70 - 127
Toluene-d8 (Surr)	96		80 - 125
4-Bromofluorobenzene (Surr)	111		78 - 120
Dibromofluoromethane (Surr)	113		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Client Sample ID: **PIN12-S70C**

Lab Sample ID: 280-60227-67
Client Matrix: Water

Date Sampled: 09/13/2014 0920
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244637	Instrument ID:	VMS_P
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P5533.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2014 1628			Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 1628				

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	6.2		0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	12		0.15	1.0
trans-1,2-Dichloroethene	3.6		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

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Client Sample ID: **PIN12-S70C**

Lab Sample ID: 280-60227-67
Client Matrix: Water

Date Sampled: 09/13/2014 0920
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244637	Instrument ID:	VMS_P
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P5533.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2014 1628			Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 1628				

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	10		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)	98		80 - 125
4-Bromofluorobenzene (Surr)	110		78 - 120
Dibromofluoromethane (Surr)	114		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Client Sample ID: **PIN12-S70D**

Lab Sample ID: 280-60227-68
Client Matrix: Water

Date Sampled: 09/13/2014 1033
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244637	Instrument ID:	VMS_P
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P5534.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2014 1648			Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 1648				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	6.9	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	8.8		0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	20		0.15	1.0
trans-1,2-Dichloroethene	7.4		0.15	1.0
1,1-Dichloroethene	0.49	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	0.35	J B	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

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Client Sample ID: **PIN12-S70D**

Lab Sample ID: 280-60227-68
Client Matrix: Water

Date Sampled: 09/13/2014 1033
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244637	Instrument ID:	VMS_P
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P5534.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2014 1648			Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 1648				

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	14		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)	131	X	70 - 127
Toluene-d8 (Surr)	104		80 - 125
4-Bromofluorobenzene (Surr)	115		78 - 120
Dibromofluoromethane (Surr)	116		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Client Sample ID: **PIN12-0587-3**

Lab Sample ID: 280-60227-69
Client Matrix: Water

Date Sampled: 09/18/2014 1357
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-245896	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS9990.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	10/02/2014 0705			Final Weight/Volume:	20 mL
Prep Date:	10/02/2014 0705				

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)	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	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	0.95	J	0.44	2.0
1,2-Dichloroethane	0.26	U	0.26	2.0
trans-1,2-Dichloroethene	3.9		0.30	2.0
1,1-Dichloroethene	13		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	1.2	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
Styrene	0.34	U	0.34	2.0

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Client Sample ID: **PIN12-0587-3**

Lab Sample ID: 280-60227-69
Client Matrix: Water

Date Sampled: 09/18/2014 1357
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-245896	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS9990.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	10/02/2014 0705			Final Weight/Volume:	20 mL
Prep Date:	10/02/2014 0705				

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	0.34	U	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	0.81	J	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)	103		70 - 127
Toluene-d8 (Surr)	106		80 - 125
4-Bromofluorobenzene (Surr)	96		78 - 120
Dibromofluoromethane (Surr)	109		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Client Sample ID: **PIN12-0587-3**

Lab Sample ID: 280-60227-69
Client Matrix: Water

Date Sampled: 09/18/2014 1357
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-245896	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS9991.D
Dilution:	1.0			Initial Weight/Volume:	1 mL
Analysis Date:	10/02/2014 0726	Run Type:	DL	Final Weight/Volume:	20 mL
Prep Date:	10/02/2014 0726				

Analyte	Result (ug/L)	Qualifier	MDL	RL
cis-1,2-Dichloroethene	260		3.0	20
Vinyl chloride	550		2.0	20

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	109		70 - 127
Toluene-d8 (Surr)	107		80 - 125
4-Bromofluorobenzene (Surr)	99		78 - 120
Dibromofluoromethane (Surr)	113		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Client Sample ID: **PIN12-0588-1**

Lab Sample ID: 280-60227-70
Client Matrix: Water

Date Sampled: 09/18/2014 1042
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-245896	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS9992.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	10/02/2014 0748			Final Weight/Volume:	20 mL
Prep Date:	10/02/2014 0748				

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	0.23	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	0.38	J B	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

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Client Sample ID: **PIN12-0588-1**

Lab Sample ID: 280-60227-70
Client Matrix: Water

Date Sampled: 09/18/2014 1042
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-245896	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS9992.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	10/02/2014 0748			Final Weight/Volume:	20 mL
Prep Date:	10/02/2014 0748				

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	0.26	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)	99		70 - 127
Toluene-d8 (Surr)	101		80 - 125
4-Bromofluorobenzene (Surr)	92		78 - 120
Dibromofluoromethane (Surr)	104		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Client Sample ID: **PIN12-0588-2**

Lab Sample ID: 280-60227-71
Client Matrix: Water

Date Sampled: 09/18/2014 1111
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-245912	Instrument ID:	VMS_C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C1560.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	10/02/2014 1619			Final Weight/Volume:	20 mL
Prep Date:	10/02/2014 1619				

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	1.7		0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	1.3		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

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Client Sample ID: **PIN12-0588-2**

Lab Sample ID: 280-60227-71
Client Matrix: Water

Date Sampled: 09/18/2014 1111
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-245912	Instrument ID:	VMS_C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C1560.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	10/02/2014 1619			Final Weight/Volume:	20 mL
Prep Date:	10/02/2014 1619				

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	2.6		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)	112		70 - 127
Toluene-d8 (Surr)	98		80 - 125
4-Bromofluorobenzene (Surr)	95		78 - 120
Dibromofluoromethane (Surr)	104		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Client Sample ID: **PIN12-0588-3**

Lab Sample ID: 280-60227-72
Client Matrix: Water

Date Sampled: 09/18/2014 1204
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-245912	Instrument ID:	VMS_C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C1561.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	10/02/2014 1640			Final Weight/Volume:	20 mL
Prep Date:	10/02/2014 1640				

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	0.24	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

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Client Sample ID: **PIN12-0588-3**

Lab Sample ID: 280-60227-72
Client Matrix: Water

Date Sampled: 09/18/2014 1204
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-245912	Instrument ID:	VMS_C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C1561.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	10/02/2014 1640			Final Weight/Volume:	20 mL
Prep Date:	10/02/2014 1640				

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	0.62	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)	113		70 - 127
Toluene-d8 (Surr)	99		80 - 125
4-Bromofluorobenzene (Surr)	99		78 - 120
Dibromofluoromethane (Surr)	105		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Client Sample ID: **PIN99-2200**

Lab Sample ID: 280-60227-73
Client Matrix: Water

Date Sampled: 09/16/2014 1200
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-245474	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS9889.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/30/2014 1522			Final Weight/Volume:	20 mL
Prep Date:	09/30/2014 1522				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	7.3	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	0.70	J B	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

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Client Sample ID: **PIN99-2200**

Lab Sample ID: 280-60227-73
Client Matrix: Water

Date Sampled: 09/16/2014 1200
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-245474	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS9889.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/30/2014 1522			Final Weight/Volume:	20 mL
Prep Date:	09/30/2014 1522				

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)	115		80 - 125
4-Bromofluorobenzene (Surr)	106		78 - 120
Dibromofluoromethane (Surr)	114		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Client Sample ID: **PIN12-2450**

Lab Sample ID: 280-60227-74
Client Matrix: Water

Date Sampled: 09/16/2014 0800
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-245474	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS9890.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/30/2014 1546			Final Weight/Volume:	20 mL
Prep Date:	09/30/2014 1546				

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	0.43	J B	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

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Client Sample ID: **PIN12-2450**

Lab Sample ID: 280-60227-74
Client Matrix: Water

Date Sampled: 09/16/2014 0800
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-245474	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS9890.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/30/2014 1546			Final Weight/Volume:	20 mL
Prep Date:	09/30/2014 1546				

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)	97		80 - 125
4-Bromofluorobenzene (Surr)	95		78 - 120
Dibromofluoromethane (Surr)	97		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Client Sample ID: **PIN12-2454**

Lab Sample ID: 280-60227-75
Client Matrix: Water

Date Sampled: 09/18/2014 1200
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-245912	Instrument ID:	VMS_C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C1562.D
Dilution:	1.0			Initial Weight/Volume:	1 mL
Analysis Date:	10/02/2014 1700			Final Weight/Volume:	20 mL
Prep Date:	10/02/2014 1700				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	38	U	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	56		3.0	20
1,1-Dichloroethene	490		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

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Client Sample ID: **PIN12-2454**

Lab Sample ID: 280-60227-75
Client Matrix: Water

Date Sampled: 09/18/2014 1200
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-245912	Instrument ID:	VMS_C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C1562.D
Dilution:	1.0			Initial Weight/Volume:	1 mL
Analysis Date:	10/02/2014 1700			Final Weight/Volume:	20 mL
Prep Date:	10/02/2014 1700				

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	460		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)	107		70 - 127
Toluene-d8 (Surr)	93		80 - 125
4-Bromofluorobenzene (Surr)	91		78 - 120
Dibromofluoromethane (Surr)	101		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Client Sample ID: **PIN12-2454**

Lab Sample ID: 280-60227-75
Client Matrix: Water

Date Sampled: 09/18/2014 1200
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-245912	Instrument ID:	VMS_C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C1565.D
Dilution:	1.0			Initial Weight/Volume:	0.1 mL
Analysis Date:	10/02/2014 1802	Run Type:	DL	Final Weight/Volume:	20 mL
Prep Date:	10/02/2014 1802				

Analyte	Result (ug/L)	Qualifier	MDL	RL
cis-1,2-Dichloroethene	8000		30	200
Vinyl chloride	1500		20	200

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	106		70 - 127
Toluene-d8 (Surr)	96		80 - 125
4-Bromofluorobenzene (Surr)	94		78 - 120
Dibromofluoromethane (Surr)	101		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Client Sample ID: **PIN12-S69D**

Lab Sample ID: 280-60227-76
Client Matrix: Water

Date Sampled: 09/18/2014 1110
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-245912	Instrument ID:	VMS_C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C1566.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	10/02/2014 1822			Final Weight/Volume:	20 mL
Prep Date:	10/02/2014 1822				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	3.6	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	0.45	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

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Client Sample ID: **PIN12-S69D**

Lab Sample ID: 280-60227-76
Client Matrix: Water

Date Sampled: 09/18/2014 1110
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-245912	Instrument ID:	VMS_C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C1566.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	10/02/2014 1822			Final Weight/Volume:	20 mL
Prep Date:	10/02/2014 1822				

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	0.44	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)	107		70 - 127
Toluene-d8 (Surr)	89		80 - 125
4-Bromofluorobenzene (Surr)	90		78 - 120
Dibromofluoromethane (Surr)	97		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Client Sample ID: **PIN12-S71B**

Lab Sample ID: 280-60227-77
Client Matrix: Water

Date Sampled: 09/17/2014 0945
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-245657	Instrument ID:	VMS_Z
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Z1166.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	10/01/2014 1650			Final Weight/Volume:	20 mL
Prep Date:	10/01/2014 1650				

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

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Client Sample ID: **PIN12-S71B**

Lab Sample ID: 280-60227-77
Client Matrix: Water

Date Sampled: 09/17/2014 0945
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-245657	Instrument ID:	VMS_Z
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Z1166.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	10/01/2014 1650			Final Weight/Volume:	20 mL
Prep Date:	10/01/2014 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	0.17	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)	96		80 - 125
4-Bromofluorobenzene (Surr)	97		78 - 120
Dibromofluoromethane (Surr)	82		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Client Sample ID: **PIN12-S71C**

Lab Sample ID: 280-60227-78
Client Matrix: Water

Date Sampled: 09/17/2014 1104
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-245657	Instrument ID:	VMS_Z
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Z1167.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	10/01/2014 1713			Final Weight/Volume:	20 mL
Prep Date:	10/01/2014 1713				

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	0.80	J	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	5.8		0.15	1.0
trans-1,2-Dichloroethene	3.5		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

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Client Sample ID: **PIN12-S71C**

Lab Sample ID: 280-60227-78
Client Matrix: Water

Date Sampled: 09/17/2014 1104
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-245657	Instrument ID:	VMS_Z
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Z1167.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	10/01/2014 1713			Final Weight/Volume:	20 mL
Prep Date:	10/01/2014 1713				

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)	86		70 - 127
Toluene-d8 (Surr)	97		80 - 125
4-Bromofluorobenzene (Surr)	100		78 - 120
Dibromofluoromethane (Surr)	82		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Client Sample ID: **PIN12-S71D**

Lab Sample ID: 280-60227-79
Client Matrix: Water

Date Sampled: 09/17/2014 1430
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-245657	Instrument ID:	VMS_Z
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Z1168.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	10/01/2014 1737			Final Weight/Volume:	20 mL
Prep Date:	10/01/2014 1737				

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	1.6		0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	22		0.15	1.0
trans-1,2-Dichloroethene	9.4		0.15	1.0
1,1-Dichloroethene	0.29	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

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Client Sample ID: **PIN12-S71D**

Lab Sample ID: 280-60227-79
Client Matrix: Water

Date Sampled: 09/17/2014 1430
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-245657	Instrument ID:	VMS_Z
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Z1168.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	10/01/2014 1737			Final Weight/Volume:	20 mL
Prep Date:	10/01/2014 1737				

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	29		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)	102		78 - 120
Dibromofluoromethane (Surr)	87		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Client Sample ID: **PIN12-S73B**

Lab Sample ID: 280-60227-80
Client Matrix: Water

Date Sampled: 09/16/2014 1025
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-245474	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS9891.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/30/2014 1610			Final Weight/Volume:	20 mL
Prep Date:	09/30/2014 1610				

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	0.43	J B	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

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Client Sample ID: **PIN12-S73B**

Lab Sample ID: 280-60227-80
Client Matrix: Water

Date Sampled: 09/16/2014 1025
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-245474	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS9891.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/30/2014 1610			Final Weight/Volume:	20 mL
Prep Date:	09/30/2014 1610				

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	0.36	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)	108		80 - 125
4-Bromofluorobenzene (Surr)	105		78 - 120
Dibromofluoromethane (Surr)	108		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Client Sample ID: **PIN12-S73C**

Lab Sample ID: 280-60227-81
Client Matrix: Water

Date Sampled: 09/16/2014 1120
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-245474	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS9892.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/30/2014 1633			Final Weight/Volume:	20 mL
Prep Date:	09/30/2014 1633				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	6.5	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	5.8		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	14		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	0.44	J B	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

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Client Sample ID: **PIN12-S73C**

Lab Sample ID: 280-60227-81
Client Matrix: Water

Date Sampled: 09/16/2014 1120
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-245474	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS9892.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/30/2014 1633			Final Weight/Volume:	20 mL
Prep Date:	09/30/2014 1633				

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)	103		70 - 127
Toluene-d8 (Surr)	103		80 - 125
4-Bromofluorobenzene (Surr)	100		78 - 120
Dibromofluoromethane (Surr)	103		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Client Sample ID: **PIN12-S73C**

Lab Sample ID: 280-60227-81
Client Matrix: Water

Date Sampled: 09/16/2014 1120
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-245640	Instrument ID:	VMS_Z
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Z1133.D
Dilution:	1.0			Initial Weight/Volume:	2 mL
Analysis Date:	09/30/2014 2216	Run Type:	DL	Final Weight/Volume:	20 mL
Prep Date:	09/30/2014 2216				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	110		1.0	10

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	82		70 - 127
Toluene-d8 (Surr)	99		80 - 125
4-Bromofluorobenzene (Surr)	88		78 - 120
Dibromofluoromethane (Surr)	81		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Client Sample ID: **PIN12-S73D**

Lab Sample ID: 280-60227-82
Client Matrix: Water

Date Sampled: 09/16/2014 1208
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-245474	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS9894.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/30/2014 1720			Final Weight/Volume:	20 mL
Prep Date:	09/30/2014 1720				

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	0.46	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	0.72	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	0.34	J B	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

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Client Sample ID: **PIN12-S73D**

Lab Sample ID: 280-60227-82
Client Matrix: Water

Date Sampled: 09/16/2014 1208
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-245474	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS9894.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/30/2014 1720			Final Weight/Volume:	20 mL
Prep Date:	09/30/2014 1720				

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	5.9		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)	105		70 - 127
Toluene-d8 (Surr)	101		80 - 125
4-Bromofluorobenzene (Surr)	99		78 - 120
Dibromofluoromethane (Surr)	104		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Client Sample ID: **PIN99-2199**

Lab Sample ID: 280-60227-83
Client Matrix: Water

Date Sampled: 09/13/2014 0800
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244637	Instrument ID:	VMS_P
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P5535.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2014 1708			Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 1708				

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	0.50	J B	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

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Client Sample ID: **PIN99-2199**

Lab Sample ID: 280-60227-83
Client Matrix: Water

Date Sampled: 09/13/2014 0800
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244637	Instrument ID:	VMS_P
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P5535.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2014 1708			Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 1708				

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)	100		80 - 125
4-Bromofluorobenzene (Surr)	107		78 - 120
Dibromofluoromethane (Surr)	110		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Client Sample ID: **PIN12-2452**

Lab Sample ID: 280-60227-84
Client Matrix: Water

Date Sampled: 09/15/2014 1230
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244985	Instrument ID:	VMS_Z
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Z0984.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/26/2014 1344			Final Weight/Volume:	20 mL
Prep Date:	09/26/2014 1344				

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	43		0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	25		0.15	1.0
trans-1,2-Dichloroethene	6.6		0.15	1.0
1,1-Dichloroethene	0.46	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	0.90	J	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

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Client Sample ID: **PIN12-2452**

Lab Sample ID: 280-60227-84
Client Matrix: Water

Date Sampled: 09/15/2014 1230
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244985	Instrument ID:	VMS_Z
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Z0984.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/26/2014 1344			Final Weight/Volume:	20 mL
Prep Date:	09/26/2014 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	0.23	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
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)	82		70 - 127
Toluene-d8 (Surr)	94		80 - 125
4-Bromofluorobenzene (Surr)	96		78 - 120
Dibromofluoromethane (Surr)	81		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Client Sample ID: **PIN12-2452**

Lab Sample ID: 280-60227-84
Client Matrix: Water

Date Sampled: 09/15/2014 1230
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244985	Instrument ID:	VMS_Z
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Z0985.D
Dilution:	1.0			Initial Weight/Volume:	2 mL
Analysis Date:	09/26/2014 1407	Run Type:	DL	Final Weight/Volume:	20 mL
Prep Date:	09/26/2014 1407				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	210		1.0	10

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	82		70 - 127
Toluene-d8 (Surr)	96		80 - 125
4-Bromofluorobenzene (Surr)	97		78 - 120
Dibromofluoromethane (Surr)	82		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Client Sample ID: **PIN12-S69C**

Lab Sample ID: 280-60227-85
Client Matrix: Water

Date Sampled: 09/18/2014 1030
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-245912	Instrument ID:	VMS_C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C1567.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	10/02/2014 1843			Final Weight/Volume:	20 mL
Prep Date:	10/02/2014 1843				

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	0.56	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

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Client Sample ID: **PIN12-S69C**

Lab Sample ID: 280-60227-85
Client Matrix: Water

Date Sampled: 09/18/2014 1030
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-245912	Instrument ID:	VMS_C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C1567.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	10/02/2014 1843			Final Weight/Volume:	20 mL
Prep Date:	10/02/2014 1843				

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	0.34	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)	118		70 - 127
Toluene-d8 (Surr)	98		80 - 125
4-Bromofluorobenzene (Surr)	100		78 - 120
Dibromofluoromethane (Surr)	107		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Client Sample ID: **PIN12-0585-3**

Lab Sample ID: 280-60227-86
Client Matrix: Water

Date Sampled: 09/13/2014 1354
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244637	Instrument ID:	VMS_P
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P5536.D
Dilution:	1.0			Initial Weight/Volume:	2 mL
Analysis Date:	09/24/2014 1728			Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 1728				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	19	U	19	100
Benzene	1.6	U	1.6	10
Bromobenzene	1.7	U	1.7	10
Bromochloromethane	1.0	U	1.0	10
Bromodichloromethane	1.7	U	1.7	10
Bromoform	1.9	U	1.9	10
Bromomethane	2.1	U	2.1	10
2-Butanone (MEK)	20	U	20	50
n-Butylbenzene	3.2	U	3.2	10
sec-Butylbenzene	1.7	U	1.7	10
tert-Butylbenzene	1.6	U	1.6	10
Carbon disulfide	4.5	U	4.5	10
Carbon tetrachloride	1.9	U	1.9	10
Chlorobenzene	1.7	U	1.7	10
Dibromochloromethane	1.7	U	1.7	10
Chloroethane	4.1	U	4.1	10
Chloroform	1.6	U	1.6	10
Chloromethane	3.0	U	3.0	10
2-Chlorotoluene	1.7	U	1.7	10
4-Chlorotoluene	2.1	U	2.1	10
1,2-Dibromo-3-Chloropropane	4.7	U	4.7	10
Dibromomethane	1.7	U	1.7	10
1,2-Dichlorobenzene	1.5	U	1.5	10
1,3-Dichlorobenzene	1.3	U	1.3	10
1,4-Dichlorobenzene	1.6	U	1.6	10
Dichlorodifluoromethane	3.1	U	3.1	10
1,1-Dichloroethane	2.2	U	2.2	10
1,2-Dichloroethane	1.3	U	1.3	10
cis-1,2-Dichloroethene	540		1.5	10
trans-1,2-Dichloroethene	12		1.5	10
1,1-Dichloroethene	22		2.3	10
1,2-Dichloropropane	1.8	U	1.8	10
1,3-Dichloropropane	2.2	U	2.2	10
2,2-Dichloropropane	1.8	U	1.8	10
cis-1,3-Dichloropropene	1.6	U	1.6	10
trans-1,3-Dichloropropene	1.9	U	1.9	10
1,1-Dichloropropene	1.9	U	1.9	10
Ethylbenzene	1.6	U	1.6	10
Hexachlorobutadiene	3.6	U	3.6	10
2-Hexanone	17	U	17	50
Isopropylbenzene	1.9	U	1.9	10
4-Isopropyltoluene	2.0	U	2.0	10
Methylene Chloride	6.7	J B	3.2	10
4-Methyl-2-pentanone	9.8	U	9.8	50
Naphthalene	2.2	U	2.2	10
n-Propylbenzene	1.6	U	1.6	10

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Client Sample ID: **PIN12-0585-3**

Lab Sample ID: 280-60227-86
Client Matrix: Water

Date Sampled: 09/13/2014 1354
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-244637	Instrument ID:	VMS_P
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P5536.D
Dilution:	1.0			Initial Weight/Volume:	2 mL
Analysis Date:	09/24/2014 1728			Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 1728				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	1.7	U	1.7	10
1,1,1,2-Tetrachloroethane	2.1	U	2.1	10
1,1,2,2-Tetrachloroethane	2.1	U	2.1	10
Tetrachloroethene	2.0	U	2.0	10
Toluene	1.7	U	1.7	10
1,2,3-Trichlorobenzene	2.1	U	2.1	10
1,2,4-Trichlorobenzene	2.1	U	2.1	10
1,1,1-Trichloroethane	1.6	U	1.6	10
1,1,2-Trichloroethane	2.7	U	2.7	10
Trichloroethene	29		1.6	10
Trichlorofluoromethane	2.9	U	2.9	10
1,2,3-Trichloropropane	3.3	U	3.3	10
1,2,4-Trimethylbenzene	1.5	U	1.5	10
1,3,5-Trimethylbenzene	1.6	U	1.6	10
Xylenes, Total	1.9	U	1.9	10
1,2-Dibromoethane	1.8	U	1.8	10

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	127		70 - 127
Toluene-d8 (Surr)	101		80 - 125
4-Bromofluorobenzene (Surr)	104		78 - 120
Dibromofluoromethane (Surr)	112		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Client Sample ID: **PIN12-0585-3**

Lab Sample ID: 280-60227-86
Client Matrix: Water

Date Sampled: 09/13/2014 1354
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-245007	Instrument ID:	VMS_P
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P5669.D
Dilution:	1.0			Initial Weight/Volume:	0.2 mL
Analysis Date:	09/26/2014 1918	Run Type:	DL	Final Weight/Volume:	20 mL
Prep Date:	09/26/2014 1918				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	1400		10	100

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94		70 - 127
Toluene-d8 (Surr)	97		80 - 125
4-Bromofluorobenzene (Surr)	89		78 - 120
Dibromofluoromethane (Surr)	98		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Client Sample ID: **PIN12-0587-2**

Lab Sample ID: 280-60227-87
Client Matrix: Water

Date Sampled: 09/18/2014 1313
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-245912	Instrument ID:	VMS_C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C1568.D
Dilution:	1.0			Initial Weight/Volume:	1 mL
Analysis Date:	10/02/2014 1903			Final Weight/Volume:	20 mL
Prep Date:	10/02/2014 1903				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	38	U	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	50		3.0	20
1,1-Dichloroethene	400		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

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Client Sample ID: **PIN12-0587-2**

Lab Sample ID: 280-60227-87
Client Matrix: Water

Date Sampled: 09/18/2014 1313
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-245912	Instrument ID:	VMS_C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C1568.D
Dilution:	1.0			Initial Weight/Volume:	1 mL
Analysis Date:	10/02/2014 1903			Final Weight/Volume:	20 mL
Prep Date:	10/02/2014 1903				

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	360		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)	115		70 - 127
Toluene-d8 (Surr)	99		80 - 125
4-Bromofluorobenzene (Surr)	95		78 - 120
Dibromofluoromethane (Surr)	108		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Client Sample ID: **PIN12-0587-2**

Lab Sample ID: 280-60227-87
Client Matrix: Water

Date Sampled: 09/18/2014 1313
Date Received: 09/19/2014 0925

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-245912	Instrument ID:	VMS_C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C1569.D
Dilution:	1.0			Initial Weight/Volume:	0.1 mL
Analysis Date:	10/02/2014 1924	Run Type:	DL	Final Weight/Volume:	20 mL
Prep Date:	10/02/2014 1924				

Analyte	Result (ug/L)	Qualifier	MDL	RL
cis-1,2-Dichloroethene	7600		30	200
Vinyl chloride	1500		20	200

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	119		70 - 127
Toluene-d8 (Surr)	102		80 - 125
4-Bromofluorobenzene (Surr)	100		78 - 120
Dibromofluoromethane (Surr)	110		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Client Sample ID: **PIN12-0587-1**

Lab Sample ID: 280-60227-64
Client Matrix: Water

Date Sampled: 09/18/2014 1245
Date Received: 09/19/2014 0925

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

Analysis Method:	8260B SIM	Analysis Batch:	280-245658	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E5962.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	10/01/2014 1115			Final Weight/Volume:	20 mL
Prep Date:	10/01/2014 1115				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.70	J	0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	86		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Client Sample ID: **PIN12-2453**

Lab Sample ID: 280-60227-65
Client Matrix: Water

Date Sampled: 09/13/2014 1200
Date Received: 09/19/2014 0925

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

Analysis Method:	8260B SIM	Analysis Batch:	280-244426	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E5725.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2014 1409			Final Weight/Volume:	20 mL
Prep Date:	09/23/2014 1409				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	5.5		0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Client Sample ID: **PIN12-S70B**

Lab Sample ID: 280-60227-66
Client Matrix: Water

Date Sampled: 09/13/2014 0820
Date Received: 09/19/2014 0925

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

Analysis Method:	8260B SIM	Analysis Batch:	280-244189	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E5693.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/22/2014 1509			Final Weight/Volume:	20 mL
Prep Date:	09/22/2014 1509				

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)	99		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Client Sample ID: **PIN12-S70C**

Lab Sample ID: 280-60227-67
Client Matrix: Water

Date Sampled: 09/13/2014 0920
Date Received: 09/19/2014 0925

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

Analysis Method:	8260B SIM	Analysis Batch:	280-244189	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E5694.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/22/2014 1527			Final Weight/Volume:	20 mL
Prep Date:	09/22/2014 1527				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	15		0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Client Sample ID: **PIN12-S70D**

Lab Sample ID: 280-60227-68
Client Matrix: Water

Date Sampled: 09/13/2014 1033
Date Received: 09/19/2014 0925

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

Analysis Method:	8260B SIM	Analysis Batch:	280-244189	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E5695.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/22/2014 1545			Final Weight/Volume:	20 mL
Prep Date:	09/22/2014 1545				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	15		0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	101		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Client Sample ID: **PIN12-0587-3**

Lab Sample ID: 280-60227-69
Client Matrix: Water

Date Sampled: 09/18/2014 1357
Date Received: 09/19/2014 0925

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

Analysis Method:	8260B SIM	Analysis Batch:	280-245469	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E5937.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/30/2014 1414			Final Weight/Volume:	20 mL
Prep Date:	09/30/2014 1414				

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)	89		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Client Sample ID: **PIN12-0588-1**

Lab Sample ID: 280-60227-70
Client Matrix: Water

Date Sampled: 09/18/2014 1042
Date Received: 09/19/2014 0925

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

Analysis Method:	8260B SIM	Analysis Batch:	280-245658	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E5963.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	10/01/2014 1133			Final Weight/Volume:	20 mL
Prep Date:	10/01/2014 1133				

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

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Client Sample ID: **PIN12-0588-2**

Lab Sample ID: 280-60227-71
Client Matrix: Water

Date Sampled: 09/18/2014 1111
Date Received: 09/19/2014 0925

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

Analysis Method:	8260B SIM	Analysis Batch:	280-245469	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E5938.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/30/2014 1433			Final Weight/Volume:	20 mL
Prep Date:	09/30/2014 1433				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	8.7		0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	89		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Client Sample ID: **PIN12-0588-3**

Lab Sample ID: 280-60227-72
Client Matrix: Water

Date Sampled: 09/18/2014 1204
Date Received: 09/19/2014 0925

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

Analysis Method:	8260B SIM	Analysis Batch:	280-245469	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E5939.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/30/2014 1451			Final Weight/Volume:	20 mL
Prep Date:	09/30/2014 1451				

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

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Client Sample ID: **PIN12-2450**

Lab Sample ID: 280-60227-74
Client Matrix: Water

Date Sampled: 09/16/2014 0800
Date Received: 09/19/2014 0925

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

Analysis Method:	8260B SIM	Analysis Batch:	280-245222	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E5907.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/29/2014 1751			Final Weight/Volume:	20 mL
Prep Date:	09/29/2014 1751				

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)	86		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Client Sample ID: **PIN12-2454**

Lab Sample ID: 280-60227-75
Client Matrix: Water

Date Sampled: 09/18/2014 1200
Date Received: 09/19/2014 0925

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

Analysis Method:	8260B SIM	Analysis Batch:	280-245658	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E5964.D
Dilution:	1.0			Initial Weight/Volume:	2 mL
Analysis Date:	10/01/2014 1152			Final Weight/Volume:	20 mL
Prep Date:	10/01/2014 1152				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	5.2	J	2.2	10

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	84		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Client Sample ID: **PIN12-S69D**

Lab Sample ID: 280-60227-76
Client Matrix: Water

Date Sampled: 09/18/2014 1110
Date Received: 09/19/2014 0925

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

Analysis Method:	8260B SIM	Analysis Batch:	280-245469	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E5940.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/30/2014 1509			Final Weight/Volume:	20 mL
Prep Date:	09/30/2014 1509				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.65	J	0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	92		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Client Sample ID: **PIN12-S71B**

Lab Sample ID: 280-60227-77
Client Matrix: Water

Date Sampled: 09/17/2014 0945
Date Received: 09/19/2014 0925

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

Analysis Method:	8260B SIM	Analysis Batch:	280-245469	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E5941.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/30/2014 1527			Final Weight/Volume:	20 mL
Prep Date:	09/30/2014 1527				

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)	90		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Client Sample ID: **PIN12-S71C**

Lab Sample ID: 280-60227-78
Client Matrix: Water

Date Sampled: 09/17/2014 1104
Date Received: 09/19/2014 0925

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

Analysis Method:	8260B SIM	Analysis Batch:	280-245469	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E5942.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/30/2014 1545			Final Weight/Volume:	20 mL
Prep Date:	09/30/2014 1545				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	13		0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	90		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Client Sample ID: **PIN12-S71D**

Lab Sample ID: 280-60227-79
Client Matrix: Water

Date Sampled: 09/17/2014 1430
Date Received: 09/19/2014 0925

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

Analysis Method:	8260B SIM	Analysis Batch:	280-245658	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E5956.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	10/01/2014 0917			Final Weight/Volume:	20 mL
Prep Date:	10/01/2014 0917				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	18		0.44	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	89		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Client Sample ID: **PIN12-S73B**

Lab Sample ID: 280-60227-80
Client Matrix: Water

Date Sampled: 09/16/2014 1025
Date Received: 09/19/2014 0925

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

Analysis Method:	8260B SIM	Analysis Batch:	280-245222	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E5908.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/29/2014 1810			Final Weight/Volume:	20 mL
Prep Date:	09/29/2014 1810				

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)	86		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Client Sample ID: **PIN12-S73C**

Lab Sample ID: 280-60227-81
Client Matrix: Water

Date Sampled: 09/16/2014 1120
Date Received: 09/19/2014 0925

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

Analysis Method:	8260B SIM	Analysis Batch:	280-245469	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E5923.D
Dilution:	1.0			Initial Weight/Volume:	2 mL
Analysis Date:	09/30/2014 0953			Final Weight/Volume:	20 mL
Prep Date:	09/30/2014 0953				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	100		2.2	10

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	87		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Client Sample ID: **PIN12-S73D**

Lab Sample ID: 280-60227-82
Client Matrix: Water

Date Sampled: 09/16/2014 1208
Date Received: 09/19/2014 0925

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

Analysis Method:	8260B SIM	Analysis Batch:	280-245469	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E5927.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/30/2014 1107			Final Weight/Volume:	20 mL
Prep Date:	09/30/2014 1107				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	8.0		0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	85		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Client Sample ID: **PIN12-2452**

Lab Sample ID: 280-60227-84
Client Matrix: Water

Date Sampled: 09/15/2014 1230
Date Received: 09/19/2014 0925

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

Analysis Method:	8260B SIM	Analysis Batch:	280-244628	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E5769.D
Dilution:	1.0			Initial Weight/Volume:	0.5 mL
Analysis Date:	09/24/2014 1442			Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 1442				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	380		8.8	40

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Client Sample ID: **PIN12-S69C**

Lab Sample ID: 280-60227-85
Client Matrix: Water

Date Sampled: 09/18/2014 1030
Date Received: 09/19/2014 0925

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

Analysis Method:	8260B SIM	Analysis Batch:	280-245469	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E5944.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/30/2014 1622			Final Weight/Volume:	20 mL
Prep Date:	09/30/2014 1622				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	1.0		0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	88		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Client Sample ID: **PIN12-0585-3**

Lab Sample ID: 280-60227-86
Client Matrix: Water

Date Sampled: 09/13/2014 1354
Date Received: 09/19/2014 0925

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

Analysis Method:	8260B SIM	Analysis Batch:	280-244189	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E5696.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/22/2014 1604			Final Weight/Volume:	20 mL
Prep Date:	09/22/2014 1604				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	2.3		0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Client Sample ID: **PIN12-0587-2**

Lab Sample ID: 280-60227-87
Client Matrix: Water

Date Sampled: 09/18/2014 1313
Date Received: 09/19/2014 0925

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

Analysis Method:	8260B SIM	Analysis Batch:	280-245658	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E5959.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	10/01/2014 1011			Final Weight/Volume:	20 mL
Prep Date:	10/01/2014 1011				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	5.2		0.88	4.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	87		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

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
280-60227-64	PIN12-0587-1	107	95	110	97
280-60227-64 DL	PIN12-0587-1 DL	104	96	107	100
280-60227-65	PIN12-2453	109	120	100	105
280-60227-65 DL	PIN12-2453 DL	94	91	99	90
280-60227-66	PIN12-S70B	113	132X	96	111
280-60227-67	PIN12-S70C	114	133X	98	110
280-60227-68	PIN12-S70D	116	131X	104	115
280-60227-69	PIN12-0587-3	109	103	106	96
280-60227-69 DL	PIN12-0587-3 DL	113	109	107	99
280-60227-70	PIN12-0588-1	104	99	101	92
280-60227-71	PIN12-0588-2	104	112	98	95
280-60227-72	PIN12-0588-3	105	113	99	99
280-60227-73	PIN99-2200	114	114	115	106
280-60227-74	PIN12-2450	97	100	97	95
280-60227-75	PIN12-2454	101	107	93	91
280-60227-75 DL	PIN12-2454 DL	101	106	96	94
280-60227-76	PIN12-S69D	97	107	89	90
280-60227-77	PIN12-S71B	82	83	96	97
280-60227-78	PIN12-S71C	82	86	97	100
280-60227-79	PIN12-S71D	87	89	100	102
280-60227-80	PIN12-S73B	108	110	108	105
280-60227-81	PIN12-S73C	103	103	103	100
280-60227-81 DL	PIN12-S73C DL	81	82	99	88
280-60227-82	PIN12-S73D	104	105	101	99
280-60227-83	PIN99-2199	110	126	100	107
280-60227-84	PIN12-2452	81	82	94	96
280-60227-84 DL	PIN12-2452 DL	82	82	96	97
280-60227-85	PIN12-S69C	107	118	98	100
280-60227-86	PIN12-0585-3	112	127	101	104

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

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
280-60227-86 DL	PIN12-0585-3 DL	98	94	97	89
280-60227-87	PIN12-0587-2	108	115	99	95
280-60227-87 DL	PIN12-0587-2 DL	110	119	102	100
MB 280-244637/6		111	120	106	115
MB 280-244985/6		78	76	91	93
MB 280-245007/6		96	98	98	99
MB 280-245474/5		113	108	111	110
MB 280-245640/6		88	88	103	106
MB 280-245657/6		82	81	96	100
MB 280-245896/5		111	112	110	104
MB 280-245912/5		98	96	96	93
MB 280-246123/6		93	90	98	95
MB 280-246128/5		115	110	112	106
LCS 280-244637/4		98	105	98	100
LCS 280-244985/4		80	78	102	95
LCS 280-245007/4		91	89	100	94
LCS 280-245474/4		103	102	99	98
LCS 280-245640/4		81	86	109	100
LCS 280-245657/4		85	85	104	100
LCS 280-245896/4		101	105	97	99
LCS 280-245912/4		102	100	99	99
LCS 280-246123/4		88	86	97	90
LCS 280-246128/4		103	101	104	100
LCSD 280-245007/5		92	95	97	92
LCSD 280-245912/8		103	100	98	97
LCSD 280-246128/8		105	101	102	97
280-60227-75 MS	PIN12-2454 MS	105	110	97	94
280-60005-D-1 MS		108	115	106	110
280-60339-C-2 MS		84	83	104	99
280-60187-V-15 MS		88	80	96	88

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

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

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
280-60227-A-61 MS		103	105	97	98
280-60179-A-18 MS		79	82	104	98
280-60179-B-14 MS		83	83	102	98
280-60219-B-14 MS		116	115	113	109
280-60355-Q-2 MS		94	90	104	93
280-60204-J-4 MS		119	114	121	119
280-60227-75 MSD	PIN12-2454 MSD	105	109	99	93
280-60005-D-1 MSD		99	108	96	104
280-60339-C-2 MSD		79	83	105	100
280-60187-V-15 MSD		87	80	94	90
280-60227-A-61 MSD		104	105	97	100
280-60179-A-18 MSD		79	83	103	98
280-60179-B-14 MSD		83	81	101	107
280-60219-C-14 MSD		108	109	105	106
280-60355-Q-2 MSD		91	87	99	91
280-60204-J-4 MSD		101	98	101	100

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

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Surrogate Recovery Report

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

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCA %Rec
280-60227-64	PIN12-0587-1	86
280-60227-65	PIN12-2453	94
280-60227-66	PIN12-S70B	99
280-60227-67	PIN12-S70C	96
280-60227-68	PIN12-S70D	101
280-60227-69	PIN12-0587-3	89
280-60227-70	PIN12-0588-1	89
280-60227-71	PIN12-0588-2	89
280-60227-72	PIN12-0588-3	88
280-60227-74	PIN12-2450	86
280-60227-75	PIN12-2454	84
280-60227-76	PIN12-S69D	92
280-60227-77	PIN12-S71B	90
280-60227-78	PIN12-S71C	90
280-60227-79	PIN12-S71D	89
280-60227-80	PIN12-S73B	86
280-60227-81	PIN12-S73C	87
280-60227-82	PIN12-S73D	85
280-60227-84	PIN12-2452	96
280-60227-85	PIN12-S69C	88
280-60227-86	PIN12-0585-3	94
280-60227-87	PIN12-0587-2	87
MB 280-244426/5		94
MB 280-244628/5		97
MB 280-245222/5		87
MB 280-245469/5		86
MB 280-245658/5		86
LCS 280-244426/3		100
LCS 280-244628/3		98

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	70-127

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Surrogate Recovery Report

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

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCA %Rec
LCS 280-245222/3		84
LCS 280-245469/3		84
LCS 280-245658/3		89
LCSD 280-244426/4		95
LCSD 280-244628/4		99
280-60227-79 MS	PIN12-S71D MS	92
280-60227-81 MS	PIN12-S73C MS	89
280-60230-C-1 MS		97
280-60227-B-11 MS		96
280-60227-B-62 MS		92
280-60227-79 MSD	PIN12-S71D MSD	90
280-60227-81 MSD	PIN12-S73C MSD	89
280-60230-C-1 MSD		97
280-60227-B-11 MSD		96
280-60227-B-62 MSD		96

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	70-127

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Method Blank - Batch: 280-244637

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-244637/6	Analysis Batch:	280-244637	Instrument ID:	VMS_P
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P5514.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2014 1004	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 1004				
Leach Date:	N/A				

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	0.694	J	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Method Blank - Batch: 280-244637

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-244637/6	Analysis Batch:	280-244637	Instrument ID:	VMS_P
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P5514.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2014 1004	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 1004				
Leach Date:	N/A				

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)	120	70 - 127
Toluene-d8 (Surr)	106	80 - 125
4-Bromofluorobenzene (Surr)	115	78 - 120
Dibromofluoromethane (Surr)	111	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Lab Control Sample - Batch: 280-244637

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 280-244637/4	Analysis Batch:	280-244637	Instrument ID:	VMS_P
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P5513.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2014 0945	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 0945				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	5.00	5.09	102	74 - 135	
Bromodichloromethane	5.00	5.09	102	73 - 135	
Carbon tetrachloride	5.00	6.67	133	67 - 135	
Chlorobenzene	5.00	5.16	103	76 - 135	
Chloroform	5.00	5.53	111	76 - 120	
1,3-Dichlorobenzene	5.00	5.06	101	74 - 135	
1,1-Dichloroethane	5.00	5.48	110	75 - 135	
trans-1,2-Dichloroethene	5.00	5.75	115	75 - 135	
1,1-Dichloroethene	5.00	5.33	107	71 - 136	
1,2-Dichloropropane	5.00	4.90	98	71 - 120	
Ethylbenzene	5.00	5.35	107	72 - 120	
Methylene Chloride	5.00	4.76	95	54 - 141	
Tetrachloroethene	5.00	5.65	113	70 - 135	
Toluene	5.00	5.33	107	73 - 120	
1,1,1-Trichloroethane	5.00	6.40	128	70 - 135	
Trichloroethene	5.00	5.44	109	73 - 135	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	105	70 - 127
Toluene-d8 (Surr)	98	80 - 125
4-Bromofluorobenzene (Surr)	100	78 - 120
Dibromofluoromethane (Surr)	98	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-244637

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-60005-D-1 MS	Analysis Batch:	280-244637	Instrument ID:	VMS_P
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P5518.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2014 1134			Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 1134				20 mL
Leach Date:	N/A				

MSD Lab Sample ID:	280-60005-D-1 MSD	Analysis Batch:	280-244637	Instrument ID:	VMS_P
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P5519.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2014 1153			Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 1153				20 mL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	113	104	74 - 135	8	20		
Bromodichloromethane	118	110	73 - 135	7	20		
Carbon tetrachloride	152	136	67 - 135	11	21	F1	F1
Chlorobenzene	112	104	76 - 135	7	20		
Chloroform	124	115	76 - 120	7	20	F1	
1,3-Dichlorobenzene	112	106	74 - 135	5	20		
1,1-Dichloroethane	122	113	75 - 135	8	21		
trans-1,2-Dichloroethene	127	114	75 - 135	10	24		
1,1-Dichloroethene	115	99	71 - 136	15	20		
1,2-Dichloropropane	108	100	71 - 120	8	20		
Ethylbenzene	117	106	72 - 120	10	26		
Methylene Chloride	94	87	54 - 141	7	20		
Tetrachloroethene	124	116	70 - 135	7	20		
Toluene	116	108	73 - 120	7	20		
1,1,1-Trichloroethane	145	130	70 - 135	11	20	F1	
Trichloroethene	123	109	73 - 135	11	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	115	108	70 - 127
Toluene-d8 (Surr)	106	96	80 - 125
4-Bromofluorobenzene (Surr)	110	104	78 - 120
Dibromofluoromethane (Surr)	108	99	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-244637

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-60005-D-1 MS	Units:	ug/L	MSD Lab Sample ID:	280-60005-D-1 MSD
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/24/2014 1134			Analysis Date:	09/24/2014 1153
Prep Date:	09/24/2014 1134			Prep Date:	09/24/2014 1153
Leach Date:	N/A			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	5.63		5.21	
Bromodichloromethane	0.17	U	5.00	5.00	5.89		5.51	
Carbon tetrachloride	0.19	U	5.00	5.00	7.60	F1	6.82	F1
Chlorobenzene	0.17	U	5.00	5.00	5.61		5.21	
Chloroform	0.16	U	5.00	5.00	6.19	F1	5.75	
1,3-Dichlorobenzene	0.13	U	5.00	5.00	5.62		5.32	
1,1-Dichloroethane	0.22	U	5.00	5.00	6.10		5.65	
trans-1,2-Dichloroethene	0.15	U	5.00	5.00	6.33		5.70	
1,1-Dichloroethene	0.23	U	5.00	5.00	5.75		4.97	
1,2-Dichloropropane	0.18	U	5.00	5.00	5.38		4.99	
Ethylbenzene	0.16	U	5.00	5.00	5.84		5.29	
Methylene Chloride	0.36	J	5.00	5.00	5.03		4.70	
Tetrachloroethene	0.20	U	5.00	5.00	6.22		5.81	
Toluene	0.17	U	5.00	5.00	5.79		5.40	
1,1,1-Trichloroethane	0.16	U	5.00	5.00	7.26	F1	6.52	
Trichloroethene	0.16	U	5.00	5.00	6.13		5.47	

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Method Blank - Batch: 280-244985

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-244985/6	Analysis Batch:	280-244985	Instrument ID:	VMS_Z
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	Z0969.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/26/2014 0751	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/26/2014 0751				
Leach Date:	N/A				

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

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Method Blank - Batch: 280-244985

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-244985/6	Analysis Batch:	280-244985	Instrument ID:	VMS_Z
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	Z0969.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/26/2014 0751	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/26/2014 0751				
Leach Date:	N/A				

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)	76	70 - 127
Toluene-d8 (Surr)	91	80 - 125
4-Bromofluorobenzene (Surr)	93	78 - 120
Dibromofluoromethane (Surr)	78	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Lab Control Sample - Batch: 280-244985

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 280-244985/4	Analysis Batch:	280-244985	Instrument ID:	VMS_Z
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	Z0968.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/26/2014 0728	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/26/2014 0728				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	5.00	4.64	93	74 - 135	
Bromodichloromethane	5.00	4.37	87	73 - 135	
Carbon tetrachloride	5.00	5.26	105	67 - 135	
Chlorobenzene	5.00	5.55	111	76 - 135	
Chloroform	5.00	4.77	95	76 - 120	
1,3-Dichlorobenzene	5.00	5.18	104	74 - 135	
1,1-Dichloroethane	5.00	4.70	94	75 - 135	
trans-1,2-Dichloroethene	5.00	4.85	97	75 - 135	
1,1-Dichloroethene	5.00	4.57	91	71 - 136	
1,2-Dichloropropane	5.00	4.74	95	71 - 120	
Ethylbenzene	5.00	5.65	113	72 - 120	
Methylene Chloride	5.00	4.10	82	54 - 141	
Tetrachloroethene	5.00	5.92	118	70 - 135	
Toluene	5.00	4.93	99	73 - 120	
1,1,1-Trichloroethane	5.00	5.03	101	70 - 135	
Trichloroethene	5.00	5.08	102	73 - 135	

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

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-244985

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-60339-C-2 MS	Analysis Batch:	280-244985	Instrument ID:	VMS_Z
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	Z0976.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/26/2014 1036			Final Weight/Volume:	20 mL
Prep Date:	09/26/2014 1036				20 mL/100g
Leach Date:	N/A				

MSD Lab Sample ID:	280-60339-C-2 MSD	Analysis Batch:	280-244985	Instrument ID:	VMS_Z
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	Z0977.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/26/2014 1100			Final Weight/Volume:	20 mL
Prep Date:	09/26/2014 1100				20 mL/100g
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	93	95	74 - 135	2	20		
Bromodichloromethane	93	93	73 - 135	0	20		
Carbon tetrachloride	103	105	67 - 135	2	21		
Chlorobenzene	108	112	76 - 135	3	20		
Chloroform	98	100	76 - 120	2	20		
1,3-Dichlorobenzene	108	111	74 - 135	3	20		
1,1-Dichloroethane	96	98	75 - 135	2	21		
trans-1,2-Dichloroethene	96	98	75 - 135	2	24		
1,1-Dichloroethene	92	96	71 - 136	5	20		
1,2-Dichloropropane	98	103	71 - 120	5	20		
Ethylbenzene	108	111	72 - 120	3	26		
Methylene Chloride	79	82	54 - 141	5	20		
Tetrachloroethene	117	121	70 - 135	3	20		
Toluene	99	102	73 - 120	3	20		
1,1,1-Trichloroethane	100	101	70 - 135	1	20		
Trichloroethene	-121	-169	73 - 135	2	20	E 4	E 4

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	83	83	70 - 127
Toluene-d8 (Surr)	104	105	80 - 125
4-Bromofluorobenzene (Surr)	99	100	78 - 120
Dibromofluoromethane (Surr)	84	79	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-244985

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-60339-C-2 MS	Units: ug/L	MSD Lab Sample ID:	280-60339-C-2 MSD	
Client Matrix:	Water		Client Matrix:	Water	
Dilution:	1.0		Dilution:	1.0	
Analysis Date:	09/26/2014 1036		Analysis Date:	09/26/2014 1100	
Prep Date:	09/26/2014 1036		Prep Date:	09/26/2014 1100	
Leach Date:	N/A		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		4.77	
Bromodichloromethane	0.17	U	5.00	5.00	4.63		4.63	
Carbon tetrachloride	0.19	U	5.00	5.00	5.15		5.25	
Chlorobenzene	0.17	U	5.00	5.00	5.41		5.58	
Chloroform	0.16	U	5.00	5.00	4.88		5.00	
1,3-Dichlorobenzene	0.13	U	5.00	5.00	5.39		5.53	
1,1-Dichloroethane	0.22	U	5.00	5.00	4.78		4.88	
trans-1,2-Dichloroethene	0.15	U	5.00	5.00	4.80		4.90	
1,1-Dichloroethene	0.23	U	5.00	5.00	4.58		4.79	
1,2-Dichloropropane	0.18	U	5.00	5.00	4.89		5.16	
Ethylbenzene	0.16	U	5.00	5.00	5.39		5.54	
Methylene Chloride	0.32	U	5.00	5.00	3.93		4.12	
Tetrachloroethene	0.20	U	5.00	5.00	5.87		6.07	
Toluene	0.17	U	5.00	5.00	4.97		5.12	
1,1,1-Trichloroethane	0.16	U	5.00	5.00	5.00		5.06	
Trichloroethene	150		5.00	5.00	148	E 4	146	E 4

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Method Blank - Batch: 280-245007

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-245007/6	Analysis Batch:	280-245007	Instrument ID:	VMS_P
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P5643.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/26/2014 1048	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/26/2014 1048				
Leach Date:	N/A				

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	0.540	J	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Method Blank - Batch: 280-245007

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-245007/6	Analysis Batch:	280-245007	Instrument ID:	VMS_P
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P5643.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/26/2014 1048	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/26/2014 1048				
Leach Date:	N/A				

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)	98	80 - 125
4-Bromofluorobenzene (Surr)	99	78 - 120
Dibromofluoromethane (Surr)	96	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 280-245007

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-245007/4	Analysis Batch:	280-245007	Instrument ID:	VMS_P
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P5641.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/26/2014 1009	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/26/2014 1009				20 mL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 280-245007/5	Analysis Batch:	280-245007	Instrument ID:	VMS_P
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P5642.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/26/2014 1029	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/26/2014 1029				20 mL
Leach Date:	N/A				

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Benzene	107	100	74 - 135	6	20		
Bromodichloromethane	106	101	73 - 135	5	20		
Carbon tetrachloride	123	110	67 - 135	11	21		
Chlorobenzene	104	99	76 - 135	5	20		
Chloroform	107	101	76 - 120	5	20		
1,3-Dichlorobenzene	108	98	74 - 135	9	20		
1,1-Dichloroethane	110	103	75 - 135	7	21		
trans-1,2-Dichloroethene	110	102	75 - 135	7	24		
1,1-Dichloroethene	121	102	71 - 136	17	20		
1,2-Dichloropropane	101	99	71 - 120	2	20		
Ethylbenzene	106	99	72 - 120	6	26		
Methylene Chloride	113	105	54 - 141	7	20		
Tetrachloroethene	112	102	70 - 135	10	20		
Toluene	114	109	73 - 120	4	20		
1,1,1-Trichloroethane	119	108	70 - 135	10	20		
Trichloroethene	105	98	73 - 135	7	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	89	95	70 - 127
Toluene-d8 (Surr)	100	97	80 - 125
4-Bromofluorobenzene (Surr)	94	92	78 - 120
Dibromofluoromethane (Surr)	91	92	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 280-245007

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-245007/4	Units:	ug/L	LCSD Lab Sample ID:	LCSD 280-245007/5
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/26/2014 1009			Analysis Date:	09/26/2014 1029
Prep Date:	09/26/2014 1009			Prep Date:	09/26/2014 1029
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Benzene	5.00	5.00	5.33	5.01
Bromodichloromethane	5.00	5.00	5.29	5.05
Carbon tetrachloride	5.00	5.00	6.14	5.51
Chlorobenzene	5.00	5.00	5.22	4.95
Chloroform	5.00	5.00	5.33	5.06
1,3-Dichlorobenzene	5.00	5.00	5.38	4.90
1,1-Dichloroethane	5.00	5.00	5.50	5.15
trans-1,2-Dichloroethene	5.00	5.00	5.50	5.12
1,1-Dichloroethene	5.00	5.00	6.03	5.09
1,2-Dichloropropane	5.00	5.00	5.03	4.93
Ethylbenzene	5.00	5.00	5.30	4.97
Methylene Chloride	5.00	5.00	5.67	5.26
Tetrachloroethene	5.00	5.00	5.61	5.10
Toluene	5.00	5.00	5.69	5.45
1,1,1-Trichloroethane	5.00	5.00	5.94	5.38
Trichloroethene	5.00	5.00	5.24	4.91

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-245007

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-60187-V-15 MS	Analysis Batch:	280-245007	Instrument ID:	VMS_P
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P5650.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/26/2014 1305			Final Weight/Volume:	20 mL
Prep Date:	09/26/2014 1305				20 mL
Leach Date:	N/A				

MSD Lab Sample ID:	280-60187-V-15 MSD	Analysis Batch:	280-245007	Instrument ID:	VMS_P
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P5651.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/26/2014 1325			Final Weight/Volume:	20 mL
Prep Date:	09/26/2014 1325				20 mL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	101	101	74 - 135	1	20		
Bromodichloromethane	93	96	73 - 135	3	20		
Carbon tetrachloride	100	97	67 - 135	3	21		
Chlorobenzene	101	99	76 - 135	2	20		
Chloroform	96	95	76 - 120	1	20		
1,3-Dichlorobenzene	99	99	74 - 135	0	20		
1,1-Dichloroethane	103	102	75 - 135	0	21		
trans-1,2-Dichloroethene	108	103	75 - 135	5	24		
1,1-Dichloroethene	115	99	71 - 136	15	20		
1,2-Dichloropropane	96	96	71 - 120	0	20		
Ethylbenzene	102	99	72 - 120	3	26		
Methylene Chloride	107	105	54 - 141	1	20		
Tetrachloroethene	108	101	70 - 135	6	20		
Toluene	108	109	73 - 120	1	20		
1,1,1-Trichloroethane	99	96	70 - 135	3	20		
Trichloroethene	99	97	73 - 135	2	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	80	80	70 - 127
Toluene-d8 (Surr)	96	94	80 - 125
4-Bromofluorobenzene (Surr)	88	90	78 - 120
Dibromofluoromethane (Surr)	88	87	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-245007

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-60187-V-15 MS	Units:	ug/L	MSD Lab Sample ID:	280-60187-V-15 MSD
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/26/2014 1305			Analysis Date:	09/26/2014 1325
Prep Date:	09/26/2014 1305			Prep Date:	09/26/2014 1325
Leach Date:	N/A			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	5.07	5.03
Bromodichloromethane	0.17	U	5.00	5.00	4.67	4.82
Carbon tetrachloride	0.19	U	5.00	5.00	5.00	4.85
Chlorobenzene	0.17	U	5.00	5.00	5.06	4.97
Chloroform	0.16	U	5.00	5.00	4.79	4.76
1,3-Dichlorobenzene	0.13	U	5.00	5.00	4.95	4.96
1,1-Dichloroethane	0.22	J	5.00	5.00	5.14	5.12
trans-1,2-Dichloroethene	0.15	U	5.00	5.00	5.38	5.13
1,1-Dichloroethene	0.23	U	5.00	5.00	5.73	4.95
1,2-Dichloropropane	0.18	U	5.00	5.00	4.81	4.79
Ethylbenzene	0.16	U	5.00	5.00	5.12	4.94
Methylene Chloride	0.37	J	5.00	5.00	5.71	5.64
Tetrachloroethene	0.20	U	5.00	5.00	5.38	5.07
Toluene	0.17	U	5.00	5.00	5.40	5.46
1,1,1-Trichloroethane	0.16	U	5.00	5.00	4.97	4.80
Trichloroethene	0.16	U	5.00	5.00	4.97	4.87

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Method Blank - Batch: 280-245474

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-245474/5	Analysis Batch:	280-245474	Instrument ID:	VMS_MS1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	MS9876.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/30/2014 1007	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/30/2014 1007				
Leach Date:	N/A				

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	0.500	J	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Method Blank - Batch: 280-245474

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-245474/5	Analysis Batch:	280-245474	Instrument ID:	VMS_MS1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	MS9876.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/30/2014 1007	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/30/2014 1007				
Leach Date:	N/A				

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)	108	70 - 127
Toluene-d8 (Surr)	111	80 - 125
4-Bromofluorobenzene (Surr)	110	78 - 120
Dibromofluoromethane (Surr)	113	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Lab Control Sample - Batch: 280-245474

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 280-245474/4	Analysis Batch:	280-245474	Instrument ID:	VMS_MS1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	MS9875.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/30/2014 0944	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/30/2014 0944				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	5.00	5.39	108	74 - 135	
Bromodichloromethane	5.00	5.12	102	73 - 135	
Carbon tetrachloride	5.00	5.17	103	67 - 135	
Chlorobenzene	5.00	5.06	101	76 - 135	
Chloroform	5.00	5.21	104	76 - 120	
1,3-Dichlorobenzene	5.00	5.17	103	74 - 135	
1,1-Dichloroethane	5.00	5.53	111	75 - 135	
trans-1,2-Dichloroethene	5.00	5.38	108	75 - 135	
1,1-Dichloroethene	5.00	4.95	99	71 - 136	
1,2-Dichloropropane	5.00	5.30	106	71 - 120	
Ethylbenzene	5.00	4.95	99	72 - 120	
Methylene Chloride	5.00	5.24	105	54 - 141	
Tetrachloroethene	5.00	4.91	98	70 - 135	
Toluene	5.00	5.26	105	73 - 120	
1,1,1-Trichloroethane	5.00	5.03	101	70 - 135	
Trichloroethene	5.00	5.13	103	73 - 135	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	102	70 - 127
Toluene-d8 (Surr)	99	80 - 125
4-Bromofluorobenzene (Surr)	98	78 - 120
Dibromofluoromethane (Surr)	103	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-245474

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-60227-A-61 MS	Analysis Batch:	280-245474	Instrument ID:	VMS_MS1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	MS9879.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/30/2014 1129			Final Weight/Volume:	20 mL
Prep Date:	09/30/2014 1129				20 mL
Leach Date:	N/A				

MSD Lab Sample ID:	280-60227-A-61 MSD	Analysis Batch:	280-245474	Instrument ID:	VMS_MS1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	MS9880.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/30/2014 1153			Final Weight/Volume:	20 mL
Prep Date:	09/30/2014 1153				20 mL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	104	104	74 - 135	0	20		
Bromodichloromethane	102	101	73 - 135	1	20		
Carbon tetrachloride	100	97	67 - 135	3	21		
Chlorobenzene	98	97	76 - 135	1	20		
Chloroform	102	102	76 - 120	0	20		
1,3-Dichlorobenzene	99	99	74 - 135	0	20		
1,1-Dichloroethane	107	106	75 - 135	0	21		
trans-1,2-Dichloroethene	105	103	75 - 135	2	24		
1,1-Dichloroethene	96	94	71 - 136	2	20		
1,2-Dichloropropane	104	105	71 - 120	1	20		
Ethylbenzene	96	93	72 - 120	2	26		
Methylene Chloride	90	93	54 - 141	3	20		
Tetrachloroethene	96	95	70 - 135	1	20		
Toluene	102	100	73 - 120	2	20		
1,1,1-Trichloroethane	97	96	70 - 135	1	20		
Trichloroethene	98	98	73 - 135	0	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	105	105	70 - 127
Toluene-d8 (Surr)	97	97	80 - 125
4-Bromofluorobenzene (Surr)	98	100	78 - 120
Dibromofluoromethane (Surr)	103	104	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-245474

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-60227-A-61 MS	Units:	ug/L	MSD Lab Sample ID:	280-60227-A-61 MSD
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/30/2014 1129			Analysis Date:	09/30/2014 1153
Prep Date:	09/30/2014 1129			Prep Date:	09/30/2014 1153
Leach Date:	N/A			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	5.20	5.19
Bromodichloromethane	0.17	U	5.00	5.00	5.11	5.05
Carbon tetrachloride	0.19	U	5.00	5.00	4.98	4.83
Chlorobenzene	0.17	U	5.00	5.00	4.90	4.84
Chloroform	0.16	U	5.00	5.00	5.08	5.08
1,3-Dichlorobenzene	0.13	U	5.00	5.00	4.95	4.94
1,1-Dichloroethane	0.22	U	5.00	5.00	5.34	5.31
trans-1,2-Dichloroethene	0.15	U	5.00	5.00	5.23	5.13
1,1-Dichloroethene	0.23	U	5.00	5.00	4.79	4.71
1,2-Dichloropropane	0.18	U	5.00	5.00	5.18	5.23
Ethylbenzene	0.16	U	5.00	5.00	4.78	4.67
Methylene Chloride	0.41	J	5.00	5.00	4.92	5.07
Tetrachloroethene	0.20	U	5.00	5.00	4.80	4.73
Toluene	0.17	U	5.00	5.00	5.10	5.00
1,1,1-Trichloroethane	0.16	U	5.00	5.00	4.86	4.81
Trichloroethene	0.16	U	5.00	5.00	4.91	4.89

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Method Blank - Batch: 280-245640

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-245640/6	Analysis Batch:	280-245640	Instrument ID:	VMS_Z
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	Z1129.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/30/2014 2042	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/30/2014 2042				
Leach Date:	N/A				

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

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Method Blank - Batch: 280-245640

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-245640/6	Analysis Batch:	280-245640	Instrument ID:	VMS_Z
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	Z1129.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/30/2014 2042	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/30/2014 2042				
Leach Date:	N/A				

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)	88	70 - 127
Toluene-d8 (Surr)	103	80 - 125
4-Bromofluorobenzene (Surr)	106	78 - 120
Dibromofluoromethane (Surr)	88	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Lab Control Sample - Batch: 280-245640

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 280-245640/4	Analysis Batch:	280-245640	Instrument ID:	VMS_Z
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	Z1127.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/30/2014 1956	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/30/2014 1956				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	5.00	4.37	87	74 - 135	
Bromodichloromethane	5.00	4.41	88	73 - 135	
Carbon tetrachloride	5.00	5.12	102	67 - 135	
Chlorobenzene	5.00	5.31	106	76 - 135	
Chloroform	5.00	4.64	93	76 - 120	
1,3-Dichlorobenzene	5.00	5.21	104	74 - 135	
1,1-Dichloroethane	5.00	4.55	91	75 - 135	
trans-1,2-Dichloroethene	5.00	4.69	94	75 - 135	
1,1-Dichloroethene	5.00	4.51	90	71 - 136	
1,2-Dichloropropane	5.00	4.52	90	71 - 120	
Ethylbenzene	5.00	5.36	107	72 - 120	
Methylene Chloride	5.00	4.10	82	54 - 141	
Tetrachloroethene	5.00	5.83	117	70 - 135	
Toluene	5.00	4.78	96	73 - 120	
1,1,1-Trichloroethane	5.00	4.88	98	70 - 135	
Trichloroethene	5.00	4.96	99	73 - 135	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	86	70 - 127
Toluene-d8 (Surr)	109	80 - 125
4-Bromofluorobenzene (Surr)	100	78 - 120
Dibromofluoromethane (Surr)	81	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-245640

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-60179-A-18 MS	Analysis Batch:	280-245640	Instrument ID:	VMS_Z
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	Z1135.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	2 mL
Analysis Date:	09/30/2014 2302			Final Weight/Volume:	20 mL
Prep Date:	09/30/2014 2302				20 mL/100g
Leach Date:	N/A				

MSD Lab Sample ID:	280-60179-A-18 MSD	Analysis Batch:	280-245640	Instrument ID:	VMS_Z
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	Z1136.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	2 mL
Analysis Date:	09/30/2014 2326			Final Weight/Volume:	20 mL
Prep Date:	09/30/2014 2326				20 mL/100g
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	86	82	74 - 135	5	20		
Bromodichloromethane	88	85	73 - 135	5	20		
Carbon tetrachloride	101	96	67 - 135	6	21		
Chlorobenzene	101	96	76 - 135	5	20		
Chloroform	92	88	76 - 120	4	20		
1,3-Dichlorobenzene	100	97	74 - 135	3	20		
1,1-Dichloroethane	90	87	75 - 135	4	21		
trans-1,2-Dichloroethene	92	89	75 - 135	4	24		
1,1-Dichloroethene	88	76	71 - 136	13	20		
1,2-Dichloropropane	90	84	71 - 120	6	20		
Ethylbenzene	102	97	72 - 120	5	26		
Methylene Chloride	80	77	54 - 141	5	20		
Tetrachloroethene	112	105	70 - 135	7	20		
Toluene	94	90	73 - 120	5	20		
1,1,1-Trichloroethane	96	90	70 - 135	6	20		
Trichloroethene	97	92	73 - 135	5	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	82	83	70 - 127
Toluene-d8 (Surr)	104	103	80 - 125
4-Bromofluorobenzene (Surr)	98	98	78 - 120
Dibromofluoromethane (Surr)	79	79	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-245640

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-60179-A-18 MS	Units:	ug/L	MSD Lab Sample ID:	280-60179-A-18 MSD
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/30/2014 2302			Analysis Date:	09/30/2014 2326
Prep Date:	09/30/2014 2302			Prep Date:	09/30/2014 2326
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Benzene	1.6	U	50.0	50.0	43.2	41.2
Bromodichloromethane	1.7	U	50.0	50.0	44.2	42.3
Carbon tetrachloride	1.9	U	50.0	50.0	50.6	47.8
Chlorobenzene	1.7	U	50.0	50.0	50.7	48.2
Chloroform	1.6	U	50.0	50.0	45.9	43.9
1,3-Dichlorobenzene	1.3	U	50.0	50.0	49.9	48.4
1,1-Dichloroethane	2.2	U	50.0	50.0	45.1	43.3
trans-1,2-Dichloroethene	1.5	U	50.0	50.0	46.2	44.3
1,1-Dichloroethene	7.1	J	50.0	50.0	51.1	45.1
1,2-Dichloropropane	1.8	U	50.0	50.0	44.9	42.1
Ethylbenzene	1.6	U	50.0	50.0	51.1	48.5
Methylene Chloride	3.2	U	50.0	50.0	40.2	38.3
Tetrachloroethene	2.0	U	50.0	50.0	56.0	52.4
Toluene	1.7	U	50.0	50.0	47.0	44.9
1,1,1-Trichloroethane	1.6	U	50.0	50.0	48.0	45.2
Trichloroethene	1.6	U	50.0	50.0	48.6	46.2

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Method Blank - Batch: 280-245657

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-245657/6	Analysis Batch:	280-245657	Instrument ID:	VMS_Z
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	Z1146.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	10/01/2014 0846	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	10/01/2014 0846				
Leach Date:	N/A				

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

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Method Blank - Batch: 280-245657

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-245657/6	Analysis Batch:	280-245657	Instrument ID:	VMS_Z
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	Z1146.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	10/01/2014 0846	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	10/01/2014 0846				
Leach Date:	N/A				

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	0.267	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)	81	70 - 127
Toluene-d8 (Surr)	96	80 - 125
4-Bromofluorobenzene (Surr)	100	78 - 120
Dibromofluoromethane (Surr)	82	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Lab Control Sample - Batch: 280-245657

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 280-245657/4	Analysis Batch:	280-245657	Instrument ID:	VMS_Z
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	Z1145.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	10/01/2014 0823	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	10/01/2014 0823				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	5.00	4.39	88	74 - 135	
Bromodichloromethane	5.00	4.48	90	73 - 135	
Carbon tetrachloride	5.00	5.18	104	67 - 135	
Chlorobenzene	5.00	5.16	103	76 - 135	
Chloroform	5.00	4.65	93	76 - 120	
1,3-Dichlorobenzene	5.00	5.23	105	74 - 135	
1,1-Dichloroethane	5.00	4.57	91	75 - 135	
trans-1,2-Dichloroethene	5.00	4.73	95	75 - 135	
1,1-Dichloroethene	5.00	4.53	91	71 - 136	
1,2-Dichloropropane	5.00	4.52	90	71 - 120	
Ethylbenzene	5.00	5.29	106	72 - 120	
Methylene Chloride	5.00	4.19	84	54 - 141	
Tetrachloroethene	5.00	5.67	113	70 - 135	
Toluene	5.00	4.79	96	73 - 120	
1,1,1-Trichloroethane	5.00	4.90	98	70 - 135	
Trichloroethene	5.00	4.98	100	73 - 135	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	85	70 - 127
Toluene-d8 (Surr)	104	80 - 125
4-Bromofluorobenzene (Surr)	100	78 - 120
Dibromofluoromethane (Surr)	85	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-245657

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-60179-B-14 MS	Analysis Batch:	280-245657	Instrument ID:	VMS_Z
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	Z1148.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	10/01/2014 0933			Final Weight/Volume:	20 mL
Prep Date:	10/01/2014 0933				20 mL/100g
Leach Date:	N/A				

MSD Lab Sample ID:	280-60179-B-14 MSD	Analysis Batch:	280-245657	Instrument ID:	VMS_Z
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	Z1149.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	10/01/2014 0956			Final Weight/Volume:	20 mL
Prep Date:	10/01/2014 0956				20 mL/100g
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	86	88	74 - 135	2	20		
Bromodichloromethane	89	90	73 - 135	1	20		
Carbon tetrachloride	101	103	67 - 135	2	21		
Chlorobenzene	101	104	76 - 135	3	20		
Chloroform	93	94	76 - 120	2	20		
1,3-Dichlorobenzene	102	117	74 - 135	14	20		
1,1-Dichloroethane	91	92	75 - 135	1	21		
trans-1,2-Dichloroethene	94	95	75 - 135	1	24		
1,1-Dichloroethene	88	89	71 - 136	0	20		
1,2-Dichloropropane	90	92	71 - 120	3	20		
Ethylbenzene	103	104	72 - 120	1	26		
Methylene Chloride	82	83	54 - 141	2	20		
Tetrachloroethene	110	111	70 - 135	1	20		
Toluene	95	97	73 - 120	2	20		
1,1,1-Trichloroethane	96	98	70 - 135	2	20		
Trichloroethene	98	100	73 - 135	2	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	83	81	70 - 127
Toluene-d8 (Surr)	102	101	80 - 125
4-Bromofluorobenzene (Surr)	98	107	78 - 120
Dibromofluoromethane (Surr)	83	83	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-245657

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-60179-B-14 MS	Units:	ug/L	MSD Lab Sample ID:	280-60179-B-14 MSD
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	10/01/2014 0933			Analysis Date:	10/01/2014 0956
Prep Date:	10/01/2014 0933			Prep Date:	10/01/2014 0956
Leach Date:	N/A			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	8.64	8.78
Bromodichloromethane	0.34	U	10.0	10.0	8.86	8.99
Carbon tetrachloride	0.38	U	10.0	10.0	10.1	10.3
Chlorobenzene	0.34	U	10.0	10.0	10.1	10.4
Chloroform	0.32	U	10.0	10.0	9.29	9.43
1,3-Dichlorobenzene	0.26	U	10.0	10.0	10.2	11.7
1,1-Dichloroethane	0.44	U	10.0	10.0	9.13	9.18
trans-1,2-Dichloroethene	0.30	U	10.0	10.0	9.36	9.46
1,1-Dichloroethene	0.64	J	10.0	10.0	9.49	9.50
1,2-Dichloropropane	0.36	U	10.0	10.0	8.96	9.24
Ethylbenzene	0.32	U	10.0	10.0	10.3	10.4
Methylene Chloride	0.64	U	10.0	10.0	8.17	8.30
Tetrachloroethene	0.40	U	10.0	10.0	11.0	11.1
Toluene	0.34	U	10.0	10.0	9.51	9.68
1,1,1-Trichloroethane	0.32	U	10.0	10.0	9.62	9.82
Trichloroethene	0.32	U	10.0	10.0	9.78	9.97

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Method Blank - Batch: 280-245896

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-245896/5	Analysis Batch:	280-245896	Instrument ID:	VMS_MS1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	MS9967.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	10/01/2014 2202	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	10/01/2014 2202				
Leach Date:	N/A				

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	0.764	J	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Method Blank - Batch: 280-245896

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-245896/5	Analysis Batch:	280-245896	Instrument ID:	VMS_MS1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	MS9967.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	10/01/2014 2202	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	10/01/2014 2202				
Leach Date:	N/A				

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)	112	70 - 127
Toluene-d8 (Surr)	110	80 - 125
4-Bromofluorobenzene (Surr)	104	78 - 120
Dibromofluoromethane (Surr)	111	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Lab Control Sample - Batch: 280-245896

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 280-245896/4	Analysis Batch:	280-245896	Instrument ID:	VMS_MS1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	MS9966.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	10/01/2014 2139	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	10/01/2014 2139				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	5.00	5.46	109	74 - 135	
Bromodichloromethane	5.00	5.03	101	73 - 135	
Carbon tetrachloride	5.00	5.08	102	67 - 135	
Chlorobenzene	5.00	4.94	99	76 - 135	
Chloroform	5.00	5.17	103	76 - 120	
1,3-Dichlorobenzene	5.00	4.87	97	74 - 135	
1,1-Dichloroethane	5.00	5.61	112	75 - 135	
trans-1,2-Dichloroethene	5.00	5.43	109	75 - 135	
1,1-Dichloroethene	5.00	4.99	100	71 - 136	
1,2-Dichloropropane	5.00	5.47	109	71 - 120	
Ethylbenzene	5.00	4.85	97	72 - 120	
Methylene Chloride	5.00	5.39	108	54 - 141	
Tetrachloroethene	5.00	4.72	94	70 - 135	
Toluene	5.00	5.44	109	73 - 120	
1,1,1-Trichloroethane	5.00	5.06	101	70 - 135	
Trichloroethene	5.00	4.99	100	73 - 135	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	105	70 - 127
Toluene-d8 (Surr)	97	80 - 125
4-Bromofluorobenzene (Surr)	99	78 - 120
Dibromofluoromethane (Surr)	101	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-245896

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-60219-B-14 MS	Analysis Batch:	280-245896	Instrument ID:	VMS_MS1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	MS9970.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	10/01/2014 2316			Final Weight/Volume:	20 mL
Prep Date:	10/01/2014 2316				20 mL
Leach Date:	N/A				

MSD Lab Sample ID:	280-60219-C-14 MSD	Analysis Batch:	280-245896	Instrument ID:	VMS_MS1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	MS9972.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	10/02/2014 0002			Final Weight/Volume:	20 mL
Prep Date:	10/02/2014 0002				20 mL
Leach Date:	N/A				

	% Rec.					
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	125	114	74 - 135	7	20		
Bromodichloromethane	111	108	73 - 135	2	20		
Carbon tetrachloride	110	106	67 - 135	4	21		
Chlorobenzene	109	105	76 - 135	4	20		
Chloroform	119	106	76 - 120	6	20		
1,3-Dichlorobenzene	106	104	74 - 135	2	20		
1,1-Dichloroethane	125	120	75 - 135	5	21		
trans-1,2-Dichloroethene	120	115	75 - 135	4	24		
1,1-Dichloroethene	184	177	71 - 136	4	20	F1	F1
1,2-Dichloropropane	118	114	71 - 120	3	20		
Ethylbenzene	108	104	72 - 120	4	26		
Methylene Chloride	103	102	54 - 141	2	20		
Tetrachloroethene	-21	-317	70 - 135	13	20	E 4	E 4
Toluene	116	114	73 - 120	2	20		
1,1,1-Trichloroethane	111	107	70 - 135	4	20		
Trichloroethene	116	100	73 - 135	7	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	115	109	70 - 127
Toluene-d8 (Surr)	113	105	80 - 125
4-Bromofluorobenzene (Surr)	109	106	78 - 120
Dibromofluoromethane (Surr)	116	108	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-245896

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-60219-B-14 MS	Units:	ug/L	MSD Lab Sample ID:	280-60219-C-14 MSD
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	10/01/2014 2316			Analysis Date:	10/02/2014 0002
Prep Date:	10/01/2014 2316			Prep Date:	10/02/2014 0002
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Benzene	1.3		5.00	5.00	7.55		7.03	
Bromodichloromethane	0.17	U	5.00	5.00	5.53		5.41	
Carbon tetrachloride	0.19	U	5.00	5.00	5.51		5.29	
Chlorobenzene	0.17	U	5.00	5.00	5.46		5.23	
Chloroform	4.4		5.00	5.00	10.3		9.70	
1,3-Dichlorobenzene	0.13	U	5.00	5.00	5.31		5.19	
1,1-Dichloroethane	0.22	U	5.00	5.00	6.27		5.99	
trans-1,2-Dichloroethene	0.15	U	5.00	5.00	5.99		5.76	
1,1-Dichloroethene	0.23	U	5.00	5.00	9.20	F1	8.84	F1
1,2-Dichloropropane	0.18	U	5.00	5.00	5.88		5.72	
Ethylbenzene	0.16	U	5.00	5.00	5.41		5.22	
Methylene Chloride	0.77	J	5.00	5.00	5.94		5.85	
Tetrachloroethene	120		5.00	5.00	120	E 4	106	E 4
Toluene	0.17	U	5.00	5.00	5.78		5.69	
1,1,1-Trichloroethane	0.16	U	5.00	5.00	5.53		5.33	
Trichloroethene	5.9		5.00	5.00	11.7		10.9	

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Method Blank - Batch: 280-245912

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-245912/5	Analysis Batch:	280-245912	Instrument ID:	VMS_C
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	C1541.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	10/02/2014 0948	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	10/02/2014 0948				
Leach Date:	N/A				

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

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Method Blank - Batch: 280-245912

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-245912/5	Analysis Batch:	280-245912	Instrument ID:	VMS_C
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	C1541.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	10/02/2014 0948	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	10/02/2014 0948				
Leach Date:	N/A				

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)	96	70 - 127
Toluene-d8 (Surr)	96	80 - 125
4-Bromofluorobenzene (Surr)	93	78 - 120
Dibromofluoromethane (Surr)	98	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 280-245912

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-245912/4	Analysis Batch:	280-245912	Instrument ID:	VMS_C
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	C1540.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	10/02/2014 0927	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	10/02/2014 0927				20 mL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 280-245912/8	Analysis Batch:	280-245912	Instrument ID:	VMS_C
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	C1542.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	10/02/2014 1008	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	10/02/2014 1008				20 mL
Leach Date:	N/A				

	% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Benzene	80	83	74 - 135	4	20		
Bromodichloromethane	75	76	73 - 135	1	20		
Carbon tetrachloride	89	92	67 - 135	3	21		
Chlorobenzene	81	81	76 - 135	1	20		
Chloroform	83	89	76 - 120	6	20		
1,3-Dichlorobenzene	82	83	74 - 135	2	20		
1,1-Dichloroethane	84	88	75 - 135	5	21		
trans-1,2-Dichloroethene	84	89	75 - 135	6	24		
1,1-Dichloroethene	81	82	71 - 136	1	20		
1,2-Dichloropropane	77	81	71 - 120	5	20		
Ethylbenzene	77	80	72 - 120	4	26		
Methylene Chloride	74	75	54 - 141	1	20		
Tetrachloroethene	80	81	70 - 135	2	20		
Toluene	84	86	73 - 120	2	20		
1,1,1-Trichloroethane	89	92	70 - 135	3	20		
Trichloroethene	82	86	73 - 135	4	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	100	100	70 - 127
Toluene-d8 (Surr)	99	98	80 - 125
4-Bromofluorobenzene (Surr)	99	97	78 - 120
Dibromofluoromethane (Surr)	102	103	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 280-245912

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-245912/4	Units:	ug/L	LCSD Lab Sample ID:	LCSD 280-245912/8
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	10/02/2014 0927			Analysis Date:	10/02/2014 1008
Prep Date:	10/02/2014 0927			Prep Date:	10/02/2014 1008
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Benzene	5.00	5.00	4.00	4.16
Bromodichloromethane	5.00	5.00	3.76	3.81
Carbon tetrachloride	5.00	5.00	4.45	4.59
Chlorobenzene	5.00	5.00	4.04	4.07
Chloroform	5.00	5.00	4.16	4.44
1,3-Dichlorobenzene	5.00	5.00	4.08	4.14
1,1-Dichloroethane	5.00	5.00	4.18	4.39
trans-1,2-Dichloroethene	5.00	5.00	4.19	4.46
1,1-Dichloroethene	5.00	5.00	4.04	4.08
1,2-Dichloropropane	5.00	5.00	3.83	4.04
Ethylbenzene	5.00	5.00	3.84	4.00
Methylene Chloride	5.00	5.00	3.71	3.76
Tetrachloroethene	5.00	5.00	3.99	4.06
Toluene	5.00	5.00	4.20	4.29
1,1,1-Trichloroethane	5.00	5.00	4.47	4.59
Trichloroethene	5.00	5.00	4.10	4.29

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-245912

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-60227-75	Analysis Batch:	280-245912	Instrument ID:	VMS_C
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	C1563.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	10/02/2014 1721			Final Weight/Volume:	20 mL
Prep Date:	10/02/2014 1721				20 mL
Leach Date:	N/A				

MSD Lab Sample ID:	280-60227-75	Analysis Batch:	280-245912	Instrument ID:	VMS_C
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	C1564.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	10/02/2014 1742			Final Weight/Volume:	20 mL
Prep Date:	10/02/2014 1742				20 mL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	82	84	74 - 135	2	20		
Bromodichloromethane	78	81	73 - 135	4	20		
Carbon tetrachloride	90	97	67 - 135	8	21		
Chlorobenzene	78	83	76 - 135	7	20		
Chloroform	92	93	76 - 120	1	20		
1,3-Dichlorobenzene	77	81	74 - 135	6	20		
1,1-Dichloroethane	90	93	75 - 135	4	21		
trans-1,2-Dichloroethene	80	83	75 - 135	3	24		
1,1-Dichloroethene	38	37	71 - 136	0	20	4	4
1,2-Dichloropropane	79	84	71 - 120	6	20		
Ethylbenzene	75	80	72 - 120	6	26		
Methylene Chloride	91	86	54 - 141	6	20		
Tetrachloroethene	75	80	70 - 135	6	20		
Toluene	83	87	73 - 120	4	20		
1,1,1-Trichloroethane	91	97	70 - 135	7	20		
Trichloroethene	62	50	73 - 135	2	20	4	4

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	110	109	70 - 127
Toluene-d8 (Surr)	97	99	80 - 125
4-Bromofluorobenzene (Surr)	94	93	78 - 120
Dibromofluoromethane (Surr)	105	105	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-245912

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-60227-75	Units:	ug/L	MSD Lab Sample ID:	280-60227-75
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	10/02/2014 1721			Analysis Date:	10/02/2014 1742
Prep Date:	10/02/2014 1721			Prep Date:	10/02/2014 1742
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Benzene	32	U	100	100	82.1		84.2	
Bromodichloromethane	34	U	100	100	78.3		81.5	
Carbon tetrachloride	38	U	100	100	90.1		97.5	
Chlorobenzene	34	U	100	100	77.8		83.1	
Chloroform	32	U	100	100	91.8		92.7	
1,3-Dichlorobenzene	26	U	100	100	76.7		81.5	
1,1-Dichloroethane	44	U	100	100	89.9		93.3	
trans-1,2-Dichloroethene	56	J	100	100	135		139	
1,1-Dichloroethene	480		100	100	516	4	514	4
1,2-Dichloropropane	36	U	100	100	78.6		83.6	
Ethylbenzene	32	U	100	100	75.3		80.0	
Methylene Chloride	64	U	100	100	91.3		85.7	
Tetrachloroethene	40	U	100	100	75.0		79.8	
Toluene	34	U	100	100	83.1		86.6	
1,1,1-Trichloroethane	32	U	100	100	90.8		97.0	
Trichloroethene	440		100	100	502	4	491	4

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Method Blank - Batch: 280-246123

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-246123/6	Analysis Batch:	280-246123	Instrument ID:	VMS_R1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	R8550.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	10/02/2014 2229	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	10/02/2014 2229				
Leach Date:	N/A				

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	0.579	J	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Method Blank - Batch: 280-246123

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-246123/6	Analysis Batch:	280-246123	Instrument ID:	VMS_R1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	R8550.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	10/02/2014 2229	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	10/02/2014 2229				
Leach Date:	N/A				

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)	90	70 - 127
Toluene-d8 (Surr)	98	80 - 125
4-Bromofluorobenzene (Surr)	95	78 - 120
Dibromofluoromethane (Surr)	93	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Lab Control Sample - Batch: 280-246123

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 280-246123/4	Analysis Batch:	280-246123	Instrument ID:	VMS_R1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	R8549.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	10/02/2014 2209	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	10/02/2014 2209				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	5.00	4.95	99	74 - 135	
Bromodichloromethane	5.00	4.53	91	73 - 135	
Carbon tetrachloride	5.00	5.21	104	67 - 135	
Chlorobenzene	5.00	4.71	94	76 - 135	
Chloroform	5.00	4.65	93	76 - 120	
1,3-Dichlorobenzene	5.00	4.86	97	74 - 135	
1,1-Dichloroethane	5.00	4.73	95	75 - 135	
trans-1,2-Dichloroethene	5.00	5.09	102	75 - 135	
1,1-Dichloroethene	5.00	6.07	121	71 - 136	
1,2-Dichloropropane	5.00	4.71	94	71 - 120	
Ethylbenzene	5.00	4.99	100	72 - 120	
Methylene Chloride	5.00	5.10	102	54 - 141	
Tetrachloroethene	5.00	5.18	104	70 - 135	
Toluene	5.00	5.05	101	73 - 120	
1,1,1-Trichloroethane	5.00	5.11	102	70 - 135	
Trichloroethene	5.00	4.95	99	73 - 135	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	86	70 - 127
Toluene-d8 (Surr)	97	80 - 125
4-Bromofluorobenzene (Surr)	90	78 - 120
Dibromofluoromethane (Surr)	88	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-246123

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-60355-Q-2 MS	Analysis Batch:	280-246123	Instrument ID:	VMS_R1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	R8555.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	10/03/2014 0029			Final Weight/Volume:	20 mL
Prep Date:	10/03/2014 0029				20 mL
Leach Date:	N/A				

MSD Lab Sample ID:	280-60355-Q-2 MSD	Analysis Batch:	280-246123	Instrument ID:	VMS_R1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	R8556.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	10/03/2014 0048			Final Weight/Volume:	20 mL
Prep Date:	10/03/2014 0048				20 mL
Leach Date:	N/A				

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	109	105	74 - 135	3	20		
Bromodichloromethane	105	100	73 - 135	6	20		
Carbon tetrachloride	100	100	67 - 135	0	21		
Chlorobenzene	105	99	76 - 135	6	20		
Chloroform	106	101	76 - 120	5	20		
1,3-Dichlorobenzene	107	105	74 - 135	2	20		
1,1-Dichloroethane	106	101	75 - 135	5	21		
trans-1,2-Dichloroethene	106	103	75 - 135	4	24		
1,1-Dichloroethene	116	117	71 - 136	1	20		
1,2-Dichloropropane	106	102	71 - 120	3	20		
Ethylbenzene	106	103	72 - 120	3	26		
Methylene Chloride	99	89	54 - 141	11	20		
Tetrachloroethene	103	95	70 - 135	4	20		
Toluene	107	104	73 - 120	2	20		
1,1,1-Trichloroethane	102	99	70 - 135	3	20		
Trichloroethene	102	102	73 - 135	1	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	90	87	70 - 127
Toluene-d8 (Surr)	104	99	80 - 125
4-Bromofluorobenzene (Surr)	93	91	78 - 120
Dibromofluoromethane (Surr)	94	91	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-246123

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-60355-Q-2 MS	Units:	ug/L	MSD Lab Sample ID:	280-60355-Q-2 MSD
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	10/03/2014 0029			Analysis Date:	10/03/2014 0048
Prep Date:	10/03/2014 0029			Prep Date:	10/03/2014 0048
Leach Date:	N/A			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	5.43	5.25
Bromodichloromethane	0.17	U	5.00	5.00	5.26	4.98
Carbon tetrachloride	0.19	U	5.00	5.00	4.99	5.02
Chlorobenzene	0.17	U	5.00	5.00	5.26	4.96
Chloroform	0.16	U	5.00	5.00	5.30	5.04
1,3-Dichlorobenzene	0.13	U	5.00	5.00	5.35	5.24
1,1-Dichloroethane	0.22	U	5.00	5.00	5.29	5.03
trans-1,2-Dichloroethene	0.15	U	5.00	5.00	5.32	5.14
1,1-Dichloroethene	0.23	U	5.00	5.00	5.81	5.87
1,2-Dichloropropane	0.18	U	5.00	5.00	5.29	5.12
Ethylbenzene	0.16	U	5.00	5.00	5.31	5.14
Methylene Chloride	0.32	U	5.00	5.00	4.97	4.46
Tetrachloroethene	4.6		5.00	5.00	9.78	9.37
Toluene	0.17	U	5.00	5.00	5.35	5.22
1,1,1-Trichloroethane	0.17	J	5.00	5.00	5.29	5.14
Trichloroethene	0.20	J	5.00	5.00	5.32	5.29

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Method Blank - Batch: 280-246128

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-246128/5	Analysis Batch:	280-246128	Instrument ID:	VMS_MS1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	MS0031.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	10/02/2014 2202	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	10/02/2014 2202				
Leach Date:	N/A				

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	1.18		0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Method Blank - Batch: 280-246128

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-246128/5	Analysis Batch:	280-246128	Instrument ID:	VMS_MS1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	MS0031.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	10/02/2014 2202	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	10/02/2014 2202				
Leach Date:	N/A				

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)	110	70 - 127
Toluene-d8 (Surr)	112	80 - 125
4-Bromofluorobenzene (Surr)	106	78 - 120
Dibromofluoromethane (Surr)	115	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 280-246128

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-246128/4	Analysis Batch:	280-246128	Instrument ID:	VMS_MS1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	MS0030.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	10/02/2014 2140	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	10/02/2014 2140				20 mL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 280-246128/8	Analysis Batch:	280-246128	Instrument ID:	VMS_MS1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	MS0032.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	10/02/2014 2226	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	10/02/2014 2226				20 mL
Leach Date:	N/A				

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Benzene	110	115	74 - 135	4	20		
Bromodichloromethane	98	102	73 - 135	4	20		
Carbon tetrachloride	100	112	67 - 135	11	21		
Chlorobenzene	101	105	76 - 135	4	20		
Chloroform	104	110	76 - 120	6	20		
1,3-Dichlorobenzene	99	102	74 - 135	4	20		
1,1-Dichloroethane	113	120	75 - 135	6	21		
trans-1,2-Dichloroethene	111	119	75 - 135	7	24		
1,1-Dichloroethene	99	110	71 - 136	11	20		
1,2-Dichloropropane	107	111	71 - 120	3	20		
Ethylbenzene	103	105	72 - 120	1	26		
Methylene Chloride	113	130	54 - 141	14	20		
Tetrachloroethene	105	108	70 - 135	3	20		
Toluene	107	109	73 - 120	3	20		
1,1,1-Trichloroethane	98	112	70 - 135	13	20		
Trichloroethene	103	106	73 - 135	3	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	101	101	70 - 127
Toluene-d8 (Surr)	104	102	80 - 125
4-Bromofluorobenzene (Surr)	100	97	78 - 120
Dibromofluoromethane (Surr)	103	105	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 280-246128

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-246128/4	Units:	ug/L	LCSD Lab Sample ID:	LCSD 280-246128/8
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	10/02/2014 2140			Analysis Date:	10/02/2014 2226
Prep Date:	10/02/2014 2140			Prep Date:	10/02/2014 2226
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Benzene	5.00	5.00	5.50	5.75
Bromodichloromethane	5.00	5.00	4.92	5.11
Carbon tetrachloride	5.00	5.00	5.00	5.59
Chlorobenzene	5.00	5.00	5.07	5.25
Chloroform	5.00	5.00	5.21	5.51
1,3-Dichlorobenzene	5.00	5.00	4.93	5.11
1,1-Dichloroethane	5.00	5.00	5.66	6.00
trans-1,2-Dichloroethene	5.00	5.00	5.55	5.97
1,1-Dichloroethene	5.00	5.00	4.93	5.48
1,2-Dichloropropane	5.00	5.00	5.37	5.54
Ethylbenzene	5.00	5.00	5.16	5.23
Methylene Chloride	5.00	5.00	5.65	6.52
Tetrachloroethene	5.00	5.00	5.24	5.39
Toluene	5.00	5.00	5.33	5.47
1,1,1-Trichloroethane	5.00	5.00	4.92	5.59
Trichloroethene	5.00	5.00	5.15	5.29

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-246128

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-60204-J-4 MS	Analysis Batch:	280-246128	Instrument ID:	VMS_MS1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	MS0037.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.1 mL
Analysis Date:	10/03/2014 0014			Final Weight/Volume:	20 mL
Prep Date:	10/03/2014 0014				20 mL
Leach Date:	N/A				

MSD Lab Sample ID:	280-60204-J-4 MSD	Analysis Batch:	280-246128	Instrument ID:	VMS_MS1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	MS0038.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.1 mL
Analysis Date:	10/03/2014 0036			Final Weight/Volume:	20 mL
Prep Date:	10/03/2014 0036				20 mL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	35	-190	74 - 135	12	20	E 4	E 4
Bromodichloromethane	101	96	73 - 135	5	20		
Carbon tetrachloride	101	95	67 - 135	6	21		
Chlorobenzene	110	101	76 - 135	8	20		
Chloroform	107	100	76 - 120	7	20		
1,3-Dichlorobenzene	107	98	74 - 135	9	20		
1,1-Dichloroethane	118	108	75 - 135	8	21		
trans-1,2-Dichloroethene	114	107	75 - 135	6	24		
1,1-Dichloroethene	103	99	71 - 136	4	20		
1,2-Dichloropropane	115	106	71 - 120	8	20		
Ethylbenzene	133	87	72 - 120	12	26	F1	
Methylene Chloride	95	86	54 - 141	8	20		
Tetrachloroethene	110	102	70 - 135	8	20		
Toluene	15	-234	73 - 120	12	20	E 4	E 4
1,1,1-Trichloroethane	100	95	70 - 135	5	20		
Trichloroethene	108	103	73 - 135	5	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	114	98	70 - 127
Toluene-d8 (Surr)	121	101	80 - 125
4-Bromofluorobenzene (Surr)	119	100	78 - 120
Dibromofluoromethane (Surr)	119	101	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-246128

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-60204-J-4 MS	Units:	ug/L	MSD Lab Sample ID:	280-60204-J-4 MSD
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	10/03/2014 0014			Analysis Date:	10/03/2014 0036
Prep Date:	10/03/2014 0014			Prep Date:	10/03/2014 0036
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Benzene	19000		1000	1000	19300	E 4	17100	E 4
Bromodichloromethane	34	U	1000	1000	1010		959	
Carbon tetrachloride	38	U	1000	1000	1010		952	
Chlorobenzene	34	U	1000	1000	1100		1010	
Chloroform	32	U	1000	1000	1070		1000	
1,3-Dichlorobenzene	26	U	1000	1000	1070		983	
1,1-Dichloroethane	44	U	1000	1000	1180		1080	
trans-1,2-Dichloroethene	30	U	1000	1000	1140		1070	
1,1-Dichloroethene	46	U	1000	1000	1030		986	
1,2-Dichloropropane	36	U	1000	1000	1150		1060	
Ethylbenzene	2800		1000	1000	4080	F1	3620	
Methylene Chloride	340		1000	1000	1300		1200	
Tetrachloroethene	40	U	1000	1000	1100		1020	
Toluene	21000		1000	1000	21300	E 4	18800	E 4
1,1,1-Trichloroethane	32	U	1000	1000	1000		953	
Trichloroethene	32	U	1000	1000	1080		1030	

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Method Blank - Batch: 280-244426

Method: 8260B SIM
Preparation: 5030B

Lab Sample ID:	MB 280-244426/5	Analysis Batch:	280-244426	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E5717.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2014 1135	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/23/2014 1135				
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)	94	70 - 127

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 280-244426

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-244426/3	Analysis Batch:	280-244426	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E5715.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2014 1059	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/23/2014 1059				20 mL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 280-244426/4	Analysis Batch:	280-244426	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E5716.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2014 1117	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/23/2014 1117				20 mL
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,4-Dioxane	100	88	25 - 141	12	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	100	95	70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 280-244426

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-244426/3	Units: ug/L		LCSD Lab Sample ID:	LCSD 280-244426/4
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/23/2014 1059			Analysis Date:	09/23/2014 1117
Prep Date:	09/23/2014 1059			Prep Date:	09/23/2014 1117
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,4-Dioxane	5.00	5.00	4.98	4.40

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-244426

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID:	280-60230-C-1 MS	Analysis Batch:	280-244426	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E5722.D
Dilution:	400	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2014 1314			Final Weight/Volume:	20 mL
Prep Date:	09/23/2014 1314				20 mL
Leach Date:	N/A				

MSD Lab Sample ID:	280-60230-C-1 MSD	Analysis Batch:	280-244426	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E5723.D
Dilution:	400	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2014 1332			Final Weight/Volume:	20 mL
Prep Date:	09/23/2014 1332				20 mL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,4-Dioxane	102	89	25 - 141	6	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97	97	70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-244426

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID:	280-60230-C-1 MS	Units: ug/L	MSD Lab Sample ID:	280-60230-C-1 MSD	
Client Matrix:	Water		Client Matrix:	Water	
Dilution:	400		Dilution:	400	
Analysis Date:	09/23/2014 1314		Analysis Date:	09/23/2014 1332	
Prep Date:	09/23/2014 1314		Prep Date:	09/23/2014 1332	
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	2800	2000	2000	4810	4530

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Method Blank - Batch: 280-244628

Method: 8260B SIM
Preparation: 5030B

Lab Sample ID:	MB 280-244628/5	Analysis Batch:	280-244628	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E5754.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2014 0956	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 0956				
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)	97	70 - 127

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 280-244628

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-244628/3	Analysis Batch:	280-244628	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E5752.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2014 0920	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 0920				20 mL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 280-244628/4	Analysis Batch:	280-244628	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E5753.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2014 0938	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 0938				20 mL
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,4-Dioxane	91	91	25 - 141	0	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	98	99	70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 280-244628

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-244628/3	Units: ug/L		LCSD Lab Sample ID:	LCSD 280-244628/4
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/24/2014 0920			Analysis Date:	09/24/2014 0938
Prep Date:	09/24/2014 0920			Prep Date:	09/24/2014 0938
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,4-Dioxane	5.00	5.00	4.55	4.53

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-244628

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID:	280-60227-B-11 MS	Analysis Batch:	280-244628	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E5756.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.5 mL
Analysis Date:	09/24/2014 1044			Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 1044				20 mL
Leach Date:	N/A				

MSD Lab Sample ID:	280-60227-B-11 MSD	Analysis Batch:	280-244628	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E5757.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.5 mL
Analysis Date:	09/24/2014 1102			Final Weight/Volume:	20 mL
Prep Date:	09/24/2014 1102				20 mL
Leach Date:	N/A				

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,4-Dioxane	115	121	25 - 141	2	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96	96	70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-244628

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID:	280-60227-B-11 MS	Units: ug/L	MSD Lab Sample ID:	280-60227-B-11 MSD	
Client Matrix:	Water		Client Matrix:	Water	
Dilution:	1.0		Dilution:	1.0	
Analysis Date:	09/24/2014 1044		Analysis Date:	09/24/2014 1102	
Prep Date:	09/24/2014 1044		Prep Date:	09/24/2014 1102	
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	290	200	200	518	530

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Method Blank - Batch: 280-245222

Method: 8260B SIM
Preparation: 5030B

Lab Sample ID:	MB 280-245222/5	Analysis Batch:	280-245222	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E5888.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/29/2014 1210	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/29/2014 1210				
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)	87	70 - 127

Lab Control Sample - Batch: 280-245222

Method: 8260B SIM
Preparation: 5030B

Lab Sample ID:	LCS 280-245222/3	Analysis Batch:	280-245222	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E5886.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/29/2014 1134	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/29/2014 1134				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,4-Dioxane	5.00	5.69	114	25 - 141	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	84	70 - 127

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	92	96	70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Method Blank - Batch: 280-245469

Method: 8260B SIM
Preparation: 5030B

Lab Sample ID:	MB 280-245469/5	Analysis Batch:	280-245469	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E5922.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/30/2014 0935	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/30/2014 0935				
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: 280-245469

Method: 8260B SIM
Preparation: 5030B

Lab Sample ID:	LCS 280-245469/3	Analysis Batch:	280-245469	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E5920.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/30/2014 0858	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/30/2014 0858				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,4-Dioxane	5.00	4.66	93	25 - 141	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	84	70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-245469

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID:	280-60227-81	Analysis Batch:	280-245469	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E5924.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	2 mL
Analysis Date:	09/30/2014 1011			Final Weight/Volume:	20 mL
Prep Date:	09/30/2014 1011				20 mL
Leach Date:	N/A				

MSD Lab Sample ID:	280-60227-81	Analysis Batch:	280-245469	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E5925.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	2 mL
Analysis Date:	09/30/2014 1030			Final Weight/Volume:	20 mL
Prep Date:	09/30/2014 1030				20 mL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,4-Dioxane	53	104	25 - 141	18	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	89	89	70 - 127

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-245469

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID:	280-60227-81	Units:	ug/L	MSD Lab Sample ID:	280-60227-81
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/30/2014 1011			Analysis Date:	09/30/2014 1030
Prep Date:	09/30/2014 1011			Prep Date:	09/30/2014 1030
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	100	50.0	50.0	127	153

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Method Blank - Batch: 280-245658

Method: 8260B SIM
Preparation: 5030B

Lab Sample ID:	MB 280-245658/5	Analysis Batch:	280-245658	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E5955.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	10/01/2014 0859	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	10/01/2014 0859				
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: 280-245658

Method: 8260B SIM
Preparation: 5030B

Lab Sample ID:	LCS 280-245658/3	Analysis Batch:	280-245658	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E5953.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	10/01/2014 0823	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	10/01/2014 0823				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,4-Dioxane	5.00	4.21	84	25 - 141	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	89	70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-245658

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID:	280-60227-79	Analysis Batch:	280-245658	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E5957.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	10/01/2014 0935			Final Weight/Volume:	20 mL
Prep Date:	10/01/2014 0935				20 mL
Leach Date:	N/A				

MSD Lab Sample ID:	280-60227-79	Analysis Batch:	280-245658	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E5958.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	10/01/2014 0953			Final Weight/Volume:	20 mL
Prep Date:	10/01/2014 0953				20 mL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,4-Dioxane	136	125	25 - 141	3	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	92	90	70 - 127

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-245658

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID:	280-60227-79	Units:	ug/L	MSD Lab Sample ID:	280-60227-79
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	10/01/2014 0935			Analysis Date:	10/01/2014 0953
Prep Date:	10/01/2014 0935			Prep Date:	10/01/2014 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	18	10.0	10.0	31.4	30.3

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:280-244189					
280-60227-66	PIN12-S70B	T	Water	8260B SIM	
280-60227-67	PIN12-S70C	T	Water	8260B SIM	
280-60227-68	PIN12-S70D	T	Water	8260B SIM	
280-60227-86	PIN12-0585-3	T	Water	8260B SIM	
Analysis Batch:280-244426					
LCS 280-244426/3	Lab Control Sample	T	Water	8260B SIM	
LCSD 280-244426/4	Lab Control Sample Duplicate	T	Water	8260B SIM	
MB 280-244426/5	Method Blank	T	Water	8260B SIM	
280-60227-65	PIN12-2453	T	Water	8260B SIM	
280-60230-C-1 MS	Matrix Spike	T	Water	8260B SIM	
280-60230-C-1 MSD	Matrix Spike Duplicate	T	Water	8260B SIM	
Analysis Batch:280-244628					
LCS 280-244628/3	Lab Control Sample	T	Water	8260B SIM	
LCSD 280-244628/4	Lab Control Sample Duplicate	T	Water	8260B SIM	
MB 280-244628/5	Method Blank	T	Water	8260B SIM	
280-60227-B-11 MS	Matrix Spike	T	Water	8260B SIM	
280-60227-B-11 MSD	Matrix Spike Duplicate	T	Water	8260B SIM	
280-60227-84	PIN12-2452	T	Water	8260B SIM	
Analysis Batch:280-244637					
LCS 280-244637/4	Lab Control Sample	T	Water	8260B	
MB 280-244637/6	Method Blank	T	Water	8260B	
280-60005-D-1 MS	Matrix Spike	T	Water	8260B	
280-60005-D-1 MSD	Matrix Spike Duplicate	T	Water	8260B	
280-60227-65	PIN12-2453	T	Water	8260B	
280-60227-66	PIN12-S70B	T	Water	8260B	
280-60227-67	PIN12-S70C	T	Water	8260B	
280-60227-68	PIN12-S70D	T	Water	8260B	
280-60227-83	PIN99-2199	T	Water	8260B	
280-60227-86	PIN12-0585-3	T	Water	8260B	
Analysis Batch:280-244985					
LCS 280-244985/4	Lab Control Sample	T	Water	8260B	
MB 280-244985/6	Method Blank	T	Water	8260B	
280-60227-84	PIN12-2452	T	Water	8260B	
280-60227-84DL	PIN12-2452	T	Water	8260B	
280-60339-C-2 MS	Matrix Spike	T	Water	8260B	
280-60339-C-2 MSD	Matrix Spike Duplicate	T	Water	8260B	

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:280-245007					
LCS 280-245007/4	Lab Control Sample	T	Water	8260B	
LCSD 280-245007/5	Lab Control Sample Duplicate	T	Water	8260B	
MB 280-245007/6	Method Blank	T	Water	8260B	
280-60187-V-15 MS	Matrix Spike	T	Water	8260B	
280-60187-V-15 MSD	Matrix Spike Duplicate	T	Water	8260B	
280-60227-65DL	PIN12-2453	T	Water	8260B	
280-60227-86DL	PIN12-0585-3	T	Water	8260B	
Analysis Batch:280-245222					
LCS 280-245222/3	Lab Control Sample	T	Water	8260B SIM	
MB 280-245222/5	Method Blank	T	Water	8260B SIM	
280-60227-B-62 MS	Matrix Spike	T	Water	8260B SIM	
280-60227-B-62 MSD	Matrix Spike Duplicate	T	Water	8260B SIM	
280-60227-74	PIN12-2450	T	Water	8260B SIM	
280-60227-80	PIN12-S73B	T	Water	8260B SIM	
Analysis Batch:280-245469					
LCS 280-245469/3	Lab Control Sample	T	Water	8260B SIM	
MB 280-245469/5	Method Blank	T	Water	8260B SIM	
280-60227-69	PIN12-0587-3	T	Water	8260B SIM	
280-60227-71	PIN12-0588-2	T	Water	8260B SIM	
280-60227-72	PIN12-0588-3	T	Water	8260B SIM	
280-60227-76	PIN12-S69D	T	Water	8260B SIM	
280-60227-77	PIN12-S71B	T	Water	8260B SIM	
280-60227-78	PIN12-S71C	T	Water	8260B SIM	
280-60227-81	PIN12-S73C	T	Water	8260B SIM	
280-60227-81MS	Matrix Spike	T	Water	8260B SIM	
280-60227-81MSD	Matrix Spike Duplicate	T	Water	8260B SIM	
280-60227-82	PIN12-S73D	T	Water	8260B SIM	
280-60227-85	PIN12-S69C	T	Water	8260B SIM	
Analysis Batch:280-245474					
LCS 280-245474/4	Lab Control Sample	T	Water	8260B	
MB 280-245474/5	Method Blank	T	Water	8260B	
280-60227-A-61 MS	Matrix Spike	T	Water	8260B	
280-60227-A-61 MSD	Matrix Spike Duplicate	T	Water	8260B	
280-60227-73	PIN99-2200	T	Water	8260B	
280-60227-74	PIN12-2450	T	Water	8260B	
280-60227-80	PIN12-S73B	T	Water	8260B	
280-60227-81	PIN12-S73C	T	Water	8260B	
280-60227-82	PIN12-S73D	T	Water	8260B	

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
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QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:280-245640					
LCS 280-245640/4	Lab Control Sample	T	Water	8260B	
MB 280-245640/6	Method Blank	T	Water	8260B	
280-60179-A-18 MS	Matrix Spike	T	Water	8260B	
280-60179-A-18 MSD	Matrix Spike Duplicate	T	Water	8260B	
280-60227-81DL	PIN12-S73C	T	Water	8260B	
Analysis Batch:280-245657					
LCS 280-245657/4	Lab Control Sample	T	Water	8260B	
MB 280-245657/6	Method Blank	T	Water	8260B	
280-60179-B-14 MS	Matrix Spike	T	Water	8260B	
280-60179-B-14 MSD	Matrix Spike Duplicate	T	Water	8260B	
280-60227-77	PIN12-S71B	T	Water	8260B	
280-60227-78	PIN12-S71C	T	Water	8260B	
280-60227-79	PIN12-S71D	T	Water	8260B	
Analysis Batch:280-245658					
LCS 280-245658/3	Lab Control Sample	T	Water	8260B SIM	
MB 280-245658/5	Method Blank	T	Water	8260B SIM	
280-60227-64	PIN12-0587-1	T	Water	8260B SIM	
280-60227-70	PIN12-0588-1	T	Water	8260B SIM	
280-60227-75	PIN12-2454	T	Water	8260B SIM	
280-60227-79	PIN12-S71D	T	Water	8260B SIM	
280-60227-79MS	Matrix Spike	T	Water	8260B SIM	
280-60227-79MSD	Matrix Spike Duplicate	T	Water	8260B SIM	
280-60227-87	PIN12-0587-2	T	Water	8260B SIM	
Analysis Batch:280-245896					
LCS 280-245896/4	Lab Control Sample	T	Water	8260B	
MB 280-245896/5	Method Blank	T	Water	8260B	
280-60219-B-14 MS	Matrix Spike	T	Water	8260B	
280-60219-C-14 MSD	Matrix Spike Duplicate	T	Water	8260B	
280-60227-69	PIN12-0587-3	T	Water	8260B	
280-60227-69DL	PIN12-0587-3	T	Water	8260B	
280-60227-70	PIN12-0588-1	T	Water	8260B	

Client: S.M. Stoller Corporation

Job Number: 280-60227-4
Sdg Number: 14086435

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:280-245912					
LCS 280-245912/4	Lab Control Sample	T	Water	8260B	
LCSD 280-245912/8	Lab Control Sample Duplicate	T	Water	8260B	
MB 280-245912/5	Method Blank	T	Water	8260B	
280-60227-71	PIN12-0588-2	T	Water	8260B	
280-60227-72	PIN12-0588-3	T	Water	8260B	
280-60227-75	PIN12-2454	T	Water	8260B	
280-60227-75DL	PIN12-2454	T	Water	8260B	
280-60227-75MS	Matrix Spike	T	Water	8260B	
280-60227-75MSD	Matrix Spike Duplicate	T	Water	8260B	
280-60227-76	PIN12-S69D	T	Water	8260B	
280-60227-85	PIN12-S69C	T	Water	8260B	
280-60227-87	PIN12-0587-2	T	Water	8260B	
280-60227-87DL	PIN12-0587-2	T	Water	8260B	
Analysis Batch:280-246123					
LCS 280-246123/4	Lab Control Sample	T	Water	8260B	
MB 280-246123/6	Method Blank	T	Water	8260B	
280-60227-64DL	PIN12-0587-1	T	Water	8260B	
280-60355-Q-2 MS	Matrix Spike	T	Water	8260B	
280-60355-Q-2 MSD	Matrix Spike Duplicate	T	Water	8260B	
Analysis Batch:280-246128					
LCS 280-246128/4	Lab Control Sample	T	Water	8260B	
LCSD 280-246128/8	Lab Control Sample Duplicate	T	Water	8260B	
MB 280-246128/5	Method Blank	T	Water	8260B	
280-60204-J-4 MS	Matrix Spike	T	Water	8260B	
280-60204-J-4 MSD	Matrix Spike Duplicate	T	Water	8260B	
280-60227-64	PIN12-0587-1	T	Water	8260B	

Report Basis
T = Total