**WALGREEN COMPANY**

**104 Wilmot Road MS#1630**
**Deerfield, Illinois 60015**

# SUMMARY REPORT

**WALGREEN COMPANY STORE 02077**
**10 EAST CHESTER STREET**
**KINGSTON, NEW YORK**

**BCP Site No. C356032**

**January 2015**

**Prepared By:**

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## CERTIFICATION

I, Don Porterfield, PE, certify that I am currently a NYS registered professional engineer and that this Summary Report was prepared in accordance with all applicable statutes and regulations and in substantial conformance with the DER Technical Guidance for Site Investigation and Remediation (DER-10) and that all activities were performed in full accordance with the DER-approved work plan and any DER-approved modification.


Don Porterfield, PE

Jan-23-2015
Date

## 1.0 INTRODUCTION

URS Corporation-New York (URS), on behalf of the Walgreen Company (Walgreens), is submitting this Summary Report to the New York State Department of Environmental Conservation (NYSDEC) to summarize the remedial investigation activities conducted to delineate soil and groundwater impacts at the Walgreens Store located at 10 East Chester Street in Kingston, New York.

Walgreens received a letter from the NYSDEC on December 31, 2013 indicating that the Periodic Review Report (PRR) dated December 2013 and Institutional Control and Engineering Control (IC/EC) Certification for the site were not approved. The NYSDEC requested that a Corrective Measures Workplan (CMWP) be submitted to address recalcitrant levels of tetrachloroethene in MW-3. URS spoke with the NYSDEC on January 24, 2014 and suggested that additional delineation would need to be conducted at the site prior to submitting a CMWP. URS submitted a Workplan to Delineate Soil and Groundwater Impacts to the NYSDEC in May 2014 and the NYSDEC approved the Workplan on September 10, 2014.

## 2.0 SITE HISTORY

The subject property (site) is located at 10 East Chester Street in Kingston, New York (see Figure 1). The site consists of approximately one-acre of land and is currently Walgreens Store No. 02077. The construction of the store was completed in 2010. The site is commercially zoned with surrounding properties that include a mix of commercial businesses and residential lots.

According to available information, portions of the site have historically been occupied by a dry cleaning facility, a vehicle fueling/service station, and a trolley barn that became a school bus maintenance garage. Based on the results of the Brownfield Cleanup Program Remedial Investigation Report/Remedial Action Plan prepared by S&W Redevelopment of North America, LLC, dated August 2005, the constituents of potential concern at the site include volatile organic compounds (VOCs) associated with solvents (e.g., trichloroethene and tetrachloroethene) and petroleum products. The previous owner of the site, 10 East Chester Street LLC, entered into the New York State Brownfield Program (BCP Site Number C356032) and completed remediation in accordance with the requirements of the BCP.

The site remedial activities included the removal of seven underground storage tanks (USTs) that contained petroleum products, the excavation of impacted soil, and performing in-situ chemical oxidation using potassium permanganate to remediate the groundwater. The remedial activities were conducted in accordance with the New York State Department of Environmental Conservation (NYSDEC) approved Remedial Action Plan prepared by S&W Redevelopment of North America, LLC, dated August 2005 and the Remedial Design In-Situ Chemical Oxidation prepared by Sterns and Wheeler, LLC, dated October 2005.

S&W Redevelopment of North America, LLC submitted a Final Engineering Report to the NYSDEC in November 2006. A Certificate of Completion was issued by the NYSDEC on December 14, 2006. This certificate stated "…that the remediation requirements set forth in ECL Article 27, Title 14, have been or will be achieved in accordance with the time frames, if any established in the remedial work plan." The certificate also noted that the site is restricted to a "commercial" use and that the site remediation is also predicated on the use of institutional or engineering controls. The use of groundwater underlying the site is prohibited without prior approval from the NYSDEC.

A Site Management Plan (SMP) was prepared by S&W Redevelopment of North America, LLC, on behalf of 10 East Chester Street LLC in December 2006. The SMP requires that all buildings constructed on site have a NYSDEC and New York State Department of Health (NYSDOH) approved active sub-slab depressurization system, maintenance of six-inches of concrete or asphalt pavement across the site, and annual groundwater monitoring. Any future excavation of soils at the site must be done in accordance with the SMP. The SMP also requires an annual certification that the engineering and institutional controls employed at the site are unchanged from the previous certification and that nothing has occurred that would impair the ability of such controls to protect the public health and environment.

During redevelopment activities in May and June 2008, monitoring wells MW-1S, MW-2S, and MW-3S were abandoned with approval from the NYSDEC BCP. Replacement monitoring wells MW-1, MW-2 and MW-3 were installed by Bureau Veritas in February 2010. The locations of these wells are shown in Figure 2. Groundwater samples were collected in March and May 2010. The monitoring well installation and groundwater sampling results for 2010 are summarized in the Annual Groundwater Sampling Report prepared by Bureau Veritas, dated September 29, 2010.

URS submitted Annual Groundwater Sampling, Site Management Plan Review, and Institutional IC/EC Certifications to the NYSDEC in April 2011 and April 2012. URS collected a supplemental round of groundwater samples in August 2012 to verify recent data and to gather additional data to evaluate groundwater geochemistry. The recommendation was to continue annual groundwater sampling events using a low turbidity sampling methodology. The NYSDEC approved of this approach in January 2013. URS submitted an Annual Groundwater Sampling, Site Management Plan Review, and Institutional IC/EC Certification to the NYSDEC in December 2013. The NYSDEC did not approve the PRR dated December 2013 and IC/EC Certification and requested that a CMWP be submitted to address recalcitrant levels of tetrachloroethene in MW-3.

URS conducted a review of previous investigative work conducted at the site and identified data gaps. URS submitted a Workplan to Delineate Soil and Groundwater Impacts to the NYSDEC in May 2014. The Workplan proposed that additional investigative work be conducted to delineate shallow soil impacts above the water table along the former sewer line that connected the floor drains within the former dry cleaning facility to the sanitary sewer located in Broadway, in the area of the former 550-gallon waste oil UST, and along the western property boundary (along East Chester Street) to verify that there is not an off-site source of tetrachloroethene. The NYSDEC approved the Workplan on September 10, 2014. URS conducted the annual groundwater sampling event for 2014, review of compliance with the existing SMP, and investigation activities in October 2014. The remainder of this report summarizes the investigation activities. The annual groundwater sampling activities are summarized in this report for data completeness and are fully discussed in the 2014 Annual Groundwater Sampling, Site Management Plan Review, and IC/EC Certification.

## 3.0 SCOPE OF WORK

In order to delineate the shallow soil and groundwater impacts, URS conducted the following tasks:

- Task 1 – Conducted a Utility Markout/Geophysical Survey;
- Task 2 – Advanced Soil Borings Along East Chester Street and Collected Grab Groundwater Samples;
- Task 3 – Advanced Soil Borings Along the Former Sewer Line and Collected Grab Groundwater Samples;

- Task 4 – Advanced One Soil Boring in the Former 550-gallon Waste Oil UST Area and Collected a Grab Groundwater Sample; and
- Task 5 – Conducted Air Monitoring in Accordance with the Community Air Monitoring Plan.

In addition, URS completed the annual groundwater sampling, which will be discussed as Task 6. A description of the tasks is provided below.

The investigation activities were conducted in accordance with the project-specific Health and Safety Plan (HASP). The HASP was prepared in accordance with all applicable state and federal requirements. The personnel that conducted the investigation activities at the site met the appropriate training requirements as identified in 29CFR 1910.120. The fieldwork was performed with Level D personal protective equipment.

## 3.1 TASK 1: CONDUCTED A UTILITY MARKOUT/GEOPHYSICAL SURVEY

Prior to commencing work, a utility markout and geophysical survey were conducted to clear each drilling location. Dig Safely New York was notified in advance of the investigation activities. URS subcontracted Naeva Geophysics, Inc. (Naeva) of Congers, New York to conduct a geophysical survey at the site. Naeva used ground penetrating radar (GPR) and precision utility location (PUL) to locate subsurface utilities and structures.

Naeva conducted the utility markout and geophysical survey on October 12, 2014. Underground utility lines (including water, gas, sewer, and electrical) were identified at the site. Electrical lines run east between the existing light fixtures and south between the light fixture and the store sign. Storm sewer lines run east across the southern half of the parking lot, north across the western end of the parking lot, and north-northeast along the driveway for the drive-thru pharmacy on the west side of the store. A water line was detected running from East Chester Street along the driveway for the drive-thru pharmacy and around the north side of the store. A shallow water line was observed in the landscaped planter boxes for the automated sprinkler system. URS adjusted the drilling locations in the field to maintain a safe distance from all underground utility lines and structures.

## 3.2 TASK 2: ADVANCED SOIL BORINGS ALONG EAST CHESTER STREET AND COLLECTED GRAB GROUNDWATER SAMPLES

URS retained a licensed drilling subcontractor, Zebra Environmental Corporation (Zebra) of Schenectady, New York, to drill four soil borings (SB-1 through SB-3 and SB-9) along East Chester Street using a Geoprobe®. These soil borings were drilled in the planter boxes and in the landscaped area along the property boundary. Based upon historical information, groundwater flow at the site is towards the southeast. Therefore, the four soil borings advanced along East Chester Street represent upgradient conditions. The locations of soil borings SB-1 through SB-3 and SB-9 are shown on Figure 2. Each soil boring was advanced to the water table, which was encountered approximately eight to nine feet below ground surface (bgs). Soil boring logs are provided in Appendix A.

Continuous soil samples were collected using a Geoprobe® with dual-tube sampling technology and a five-foot macrocore sampler for field screening and soil classification. Soil samples were visually classified in the field according to lithology, sorting, grain size, and relative moisture content. A representative portion of each soil sample collected was placed into a re-sealable plastic bag. After allowing soil vapors to gather in the headspace of the plastic bag, the soil sample was field screened for the presence of total volatile organic vapors using a photoionization detector (PID) equipped with a 10.6 eV lamp. The PID was calibrated using ambient air and a 100 ppm isobutylene span gas prior to initiating site activities.

In order to vertically delineate soil impacts, soil samples were collected over two-foot intervals throughout each soil boring until the water table was encountered. Five soil samples were collected from soil borings SB-1, SB-2, and SB-9, as the water table was encountered at approximately nine feet bgs in these borings. Four soil samples were collected from SB-3, as the water table was encountered at approximately eight feet bgs in SB-3.

Once the soil sampling had been completed, the dual-tube sampling equipment was advanced five-feet into the water table. A stainless steel screen was placed into the hole through the dual tube casing, and a grab groundwater sample was collected from each soil boring using dedicated tubing and a stainless steel foot valve. At least 0.75 gallons of groundwater was purged prior to collecting the groundwater sample.

The soil samples and groundwater samples were contained in laboratory-supplied glassware, labeled, placed on ice, and shipped to TestAmerica Laboratories, Inc. (TestAmerica) of Amherst, New York for analysis of target compound list (TCL) VOCs by EPA Method 8260C. One duplicate soil sample per media, one matrix spike (MS) sample per media, and one matrix spike duplicate (MSD) sample per media were collected for every 20 samples and analyzed for TCL VOCs.

The boring locations were backfilled to the surface with grout. All drilling equipment was decontaminated after the completion of each soil boring. Sampling equipment was decontaminated prior to each sample interval using a Simple Green™ solution followed by a deionized water rinse. Purge water, waste water generated during decontamination, and soil cuttings were containerized in DOT-approved 55-gallon drums, labeled and dated, and staged in an area approved by the Walgreens site contact. The drums are scheduled to be removed and properly disposed of in December 2014.

### 3.3 TASK 3: ADVANCED SOIL BORINGS ALONG THE FORMER SEWER LINE AND COLLECTED GRAB GROUNDWATER SAMPLES

URS directed Zebra to drill three soil borings (SB-4 through SB-6) along the approximate location of the former sewer line that connected the floor drains within the former dry cleaning facility to the sanitary sewer located along Broadway. Based upon field observations (elevated PID readings, visual staining, and odor), two additional soil borings (SB-8 and SB-10) were drilled east of the former sewer line along the southern end of the parking lot. The locations of soil borings SB-4 through SB-6, SB-8, and SB-10 are shown on Figure 2. Each soil boring was advanced to the water table, which was encountered at a depth of approximately eight to nine feet bgs. Soil boring logs are provided in Appendix A. These soil borings were advanced in the parking lot, which consists of a layer of reinforced concrete measuring approximately six to ten inches in thickness. In order to access the subsurface beneath the parking lot, Zebra cored through the concrete at each boring.

Continuous soil sampling using the dual-tube sampling technology, field screening using a PID, collection of soil samples for vertical delineation, and collection of grab groundwater samples were conducted using the same methodology as described above in Task 2. Four soil samples were collected from each soil boring (SB-4 through SB-6, SB-8, and SB-10). The soil and groundwater samples were analyzed for the same parameters as indicated in Task 2.

The boring locations were backfilled to approximately ten inches below grade with grout and then completed with concrete to match surface conditions within the parking lot. All drilling equipment was decontaminated after the completion of each soil boring. Sampling equipment was decontaminated prior to each sample interval using a Simple Green™ solution followed by a deionized water rinse. Purge

water, waste water generated during decontamination, and soil cuttings were containerized in DOT-approved 55-gallon drums, labeled and dated, and staged in an area approved by the Walgreens site contact. The drums are scheduled to be removed and properly disposed of in December 2014.

## 3.4 TASK 4: ADVANCED ONE SOIL BORING IN THE FORMER 550-GALLON WASTE OIL UST AREA AND COLLECTED A GRAB GROUNDWATER SAMPLE

URS directed Zebra to drill one soil boring (SB-7) in the area of the former 550-gallon waste oil UST. The location of SB-7 is shown on Figure 2. The soil boring was advanced to the water table, which was encountered at a depth of approximately nine feet bgs. The soil boring log is provided in Appendix A. This soil boring was advanced in the parking lot, which consists of a layer of reinforced concrete measuring approximately six to ten inches in thickness. In order to access the subsurface beneath the parking lot, Zebra cored through the concrete at the boring location.

Continuous soil sampling using the dual-tube sampling technology, field screening using a PID, collection of soil samples for vertical delineation, and collection of grab groundwater samples were conducted using the same methodology as described above in Task 2. Four soil samples were collected from SB-7. The soil and groundwater samples were analyzed for the same parameters as indicated in Task 2.

The boring location was backfilled to approximately ten inches below grade with grout and then completed with concrete to match surface conditions within the parking lot. All drilling equipment was decontaminated after the completion of each soil boring. Sampling equipment was decontaminated prior to each sample interval using a Simple Green™ solution followed by a deionized water rinse. Purge water, waste water generated during decontamination, and soil cuttings were containerized in DOT-approved 55-gallon drums, labeled and dated, and staged in an area approved by the Walgreens site contact. The drums are scheduled to be removed and properly disposed of in December 2014.

## 3.5 TASK 5: CONDUCTED AIR MONITORING IN ACCORDANCE WITH THE COMMUNITY AIR MONITORING PLAN

URS conducted the work in accordance with the approved Community Air Monitoring Plan (CAMP) with the intent to protect the downwind community (i.e., off-site receptors including residences and businesses and on-site workers not directly involved with the subject work activities) from potential airborne contaminant releases as a direct result of investigative and remedial work activities.

Volatile Organic Compound Monitoring

An Exclusion Zone was defined prior to the commencement of work. VOCs were monitored at the perimeter of the Exclusion Zone on a periodic basis using a PID. The upwind concentration was measured at the start of each workday and periodically thereafter to establish background conditions. Wind direction was monitored throughout the day. PID readings were 0.0 ppm at all locations throughout the day.

Particulate Monitoring

Particulate monitoring consisted of making visual observations regarding dust leaving the work area. A concrete corer equipped with water to suppress dust generation was used to core through the concrete surface at the site. The drilling activities were completed with a Geoprobe®. Dust was not observed leaving the site during the investigation activities.

### 3.6 TASK 6: ANNUAL GROUNDWATER SAMPLING

As part of annual compliance with the SMP, URS collected groundwater samples from the three existing monitoring wells (MW-1, MW-2, and MW-3) on October 13, 2014. The location of the monitoring wells is shown on Figure 2.

Each monitoring well was purged prior to the collection of groundwater samples in accordance with Low Stress (Low Flow) Purging and Sampling Procedure for the Collection of Ground Water Samples from Monitoring Wells, Revision 3 (United States Environmental Protection Agency Region 1 [USEPA], 1996). Low flow purging was performed using a Geopump 2TM low flow peristaltic pump and dedicated silicone (rotor head) and polyethylene (down well) tubing for each well. The polyethylene tubing intake was set at the midpoint of the saturated portion of the well screen in each monitoring well. Depth to water measurements were collected, and flow rates adjusted, until the water level drawdown stabilized. URS monitored temperature, pH, specific conductivity, dissolved oxygen (DO), turbidity, and oxidation-reduction potential (ORP) during purging using a Horiba multi-parameter meter. Water quality measurements were taken at five-minute intervals throughout purging.

Purging continued until the variation of each parameter listed above was within designated ranges (USEPA, 1996) over three consecutive readings, at which point the tubing was removed from the flow-through cell and the sample bottles were filled. The groundwater samples were containerized in laboratory-supplied pre-preserved bottles. The groundwater samples were immediately chilled on ice and shipped to TestAmerica of Buffalo, New York following proper chain-of-custody (COC) procedures. Each groundwater sample was analyzed for VOCs by USEPA Method 8260. URS collected one field duplicate from MW-3 for the analysis of VOCs. In addition, one trip blank was submitted for analysis.

The groundwater removed during purging was containerized in a DOT-approved 55-gallon steel drum, labeled and dated, and staged on site. The waste is scheduled to be removed in December 2014.

## 4.0 SUMMARY OF RESULTS

### 4.1 SITE GEOLOGY AND HYDROGEOLOGY

The subsurface at the site consists primarily of fine to medium-grained brown sand with variable amounts of silt to a depth of ten feet bgs. Fine angular gravel was observed in each soil boring near the surface. An approximately one-foot thick layer of inorganic silt was observed in soil boring SB-9 at a depth of five to six feet bgs. Soil boring logs are provided in Appendix A.

The water table was observed in each soil boring at an approximate depth of eight to nine feet bgs. Based upon historical information, groundwater flow at the site is towards the southeast.

### 4.2 FIELD SCREENING RESULTS

A representative portion of each two-foot soil sample interval was placed into a re-sealable plastic bag. After allowing soil vapors to gather in the headspace of the plastic bag, the soil sample was field screened for the presence of total volatile organic vapors using a PID equipped with a 10.6 eV lamp. The PID readings are shown in Table 1 and on the soil boring logs in Appendix A.

PID readings were 0.0 ppm in the soil samples collected from SB-2 and SB-3. As shown in Table 1, the

highest PID readings in the remaining soil borings were observed at the water table interface. The highest PID readings observed were 1,901 ppm at SB-1 (9-10 feet bgs), 315 ppm at SB-4 (9-10 feet bgs), 101 ppm at SB-10 (9-10 feet bgs), and 60.8 ppm at SB-8 (8-10 feet bgs).

Visual and olfactory observations were also noted in the field. Staining and odor were noted at a depth of 9-10 feet bgs in SB-1, SB-4, SB-7, and SB-10. Gray discoloration of the soil at the water table interface was observed in soil boring SB-8.

## 4.3 SOIL ANALYTICAL RESULTS

Table 2 presents the soil analytical results for TCL VOCs. The laboratory analytical reports are provided in Appendix B. Soil samples were compared to the NYSDEC Unrestricted Use Soil Cleanup Objectives (SCOs) established in 6 NYCRR Part 375, Table 375-6.8(a), dated December 2006.

Soil samples were collected from each soil boring at intervals above the water table. Saturated soil samples were not collected. As shown in Table 2, six VOCs (acetone, benzene, cis-1,2-dichloroethene, tetrachloroethene, toluene, and trichloroethene) were detected in at least one soil sample. With the exception of tetrachloroethene in one soil sample collected from SB-5 (3-5 feet bgs), all of the remaining VOCs were detected below their respective NYSDEC Unrestricted Use SCO. The concentration of tetrachloroethene at SB-5 (3-5 feet bgs), 1.7 milligrams per kilogram (mg/kg), slightly exceeds the NYSDEC Unrestricted Use SCO and Protection of Groundwater SCO of 1.3 mg/kg. This concentration is two orders of magnitude less than the Restricted Use Commercial SCO of 150 mg/kg for tetrachloroethene.

## 4.4 GROUNDWATER ANALYTICAL RESULTS

Table 3 presents the groundwater analytical results for the grab groundwater samples collected from the soil borings advanced during the investigation activities. Table 4 presents the groundwater results for samples collected from the existing monitoring wells as part of the annual groundwater sampling. The laboratory analytical reports are provided in Appendix C. Groundwater samples were compared to the NYSDEC Ambient Water Quality Standards (GW) from the Technical and Operational Guidance Series (TOGS) 1.1.1.

Grab Groundwater Samples

As shown in Table 3, four VOCs (tetrachloroethene, trichloroethene, cis-1,2-dichloroethene, and vinyl chloride) were detected in at least one grab groundwater sample collected from the soil borings above their respective NYSDEC GW standard.

Concentrations of tetrachloroethene in the groundwater exceed the NYSDEC GW standard at every sampling location. Concentrations of tetrachloroethene in the groundwater are shown in Figure 3. The highest concentration, 9,100 micrograms per liter (µg/L), was detected in the groundwater sample collected from SB-2. This concentration is almost an order of magnitude greater than the other concentrations of tetrachloroethene detected during the investigation. As shown in Figure 3, SB-2 was drilled in the planter box along the East Chester Street property boundary. Based upon historical information, groundwater flow at the site is towards the southeast and this location is believed to represent upgradient conditions. In general, tetrachloroethene concentrations decrease southeast across the site in the direction of historical groundwater flow. With the exception of one groundwater sample, the concentration of tetrachloroethene in the groundwater samples was two to three orders of magnitude higher than the NYSDEC GW standard.

The degradation products of tetrachloroethene (trichloroethene, cis-1,2-dichloroethene, and vinyl chloride) were also detected at the site in at least one groundwater sample above their respective NYSDEC GW standard. Trichloroethene was detected above the NYSDEC GW standard in all of the groundwater samples except for SB-1 and SB-3. All three of the degradation products were detected in the groundwater sample collected from SB-10. The concentration of trichloroethene detected in the groundwater sample collected from SB-10 (81 µg/L) is above the NYSDEC GW standard of 5.0 µg/L. The concentration of cis-1,2-dichloroethene detected in the groundwater sample collected from SB-10 (160 µg/L) is above the NYSDEC GW standard of 5.0 µg/L. The concentration of vinyl chloride detected in the groundwater sample collected from SB-10 (3.8 µg/L) is above the NYSDEC GW standard of 2.0 µg/L. cis-1,2-dichloroethene was detected in the groundwater sample collected from SB-8 at a concentration of 200 µg/L, which is above the NYSDEC GW standard of 5.0 µg/L.

Annual Groundwater Samples from Existing Monitoring Wells

As shown in Table 4, seven VOCs (benzene, ethylbenzene, isopropylbenzene, toluene, xylenes 1,2-dichloroethane, and tetrachloroethene) were detected above their respective NYSDEC GW standard in at least one of the groundwater samples collected from the existing monitoring wells. The purpose of this investigation was to delineate shallow soil and groundwater impacts related to the chlorinated VOCs. Therefore, the petroleum compounds listed are not discussed in this report. A full discussion of the analytical results is provided in the 2014 Annual Groundwater Sampling, Site Management Plan Review, and IC/EC Certification.

Tetrachloroethene was detected in the groundwater sample collected from MW-3 at a concentration of 1,200 µg/L (Duplicate sample was 1,100 µg/L), which exceeds the NYSDEC GW standard of 5 µg/L. Tetrachloroethene was not detected in the groundwater samples collected from MW-1 or MW-2. As discussed above and shown in Figure 3, tetrachloroethene concentrations decrease to the southeast across the site in the direction of historical groundwater flow.

1,2-dichloroethane was detected in the groundwater sample collected from MW-1 at a concentration of 0.65 µg/L. 1,2-dichloroethane was detected at a concentration of 0.29 µg/L (below the NYSDEC GW standard) in the groundwater sample collected from MW-2 and was not detected in the groundwater sample collected from MW-3.

## 5.0 CONCLUSIONS AND RECOMMENDATIONS

The purpose of the investigation was to delineate shallow soil impacts above the water table along the former sewer line that connected the floor drains within the former dry cleaning facility to the sanitary sewer located in Broadway, in the area of the former 550-gallon waste oil UST, and along the western property boundary (along East Chester Street) to verify that there is not an off-site source of tetrachloroethene. The following conclusions can made from the investigation work conducted.

- The subsurface at the site consists primarily of fine to medium-grained brown sand with variable amounts of silt to a depth of ten feet bgs. The water table was observed in each soil boring at an approximate depth of eight to nine feet bgs. Based upon historical information, groundwater flow at the site is towards the southeast.

- Staining and odor were noted at a depth of 9-10 feet bgs in SB-1, SB-4, SB-7, and SB-10. Gray discoloration of the soil at the water table interface was observed in soil boring SB-8. The highest PID readings were observed at the water table interface.

- Soil samples were collected above the water table. Only one VOC, tetrachloroethene, exceeded the NYSDEC Unrestricted Use SCO and Protection of Groundwater SCO in one soil sample, which was collected from SB-5 at a depth of 3 to 5 feet bgs. The concentration of tetrachloroethene detected in this sample (1.7 mg/kg) is two orders of magnitude less than the Restricted Use Commercial SCO. All other VOCs were detected below NYSDEC Unrestricted Use SCOs in soil.

- The results of the soil investigation suggest that there is not an on-going source of tetrachloroethene in the shallow soil at the site that is contributing to the groundwater concentrations in the areas investigated.

- Concentrations of tetrachloroethene in the grab groundwater samples collected from the soil borings exceed the NYSDEC GW standard at every sampling location. In addition, tetrachloroethene was detected in the groundwater sample collected from MW-3.

- The highest concentration of tetracholorethene in the groundwater was detected along the East Chester Street property boundary. The concentration was significantly higher than the other tetrachloroethene concentrations observed. Based upon historical information, groundwater flow at the site is towards the southeast and this location is believed to represent upgradient conditions.

- In general, tetrachloroethene concentrations in the groundwater decrease southeast across the site in the direction of historical groundwater flow.

URS and Walgreens respectfully request that the NYSDEC provide any information that may be available regarding elevated concentrations of tetrachloroethene or other VOCs in the groundwater near the site that may be migrating towards the site.

# TABLES

**TABLE 1**
**SUMMARY OF PID READINGS IN SOIL**

WALGREEN COMPANY STORE 02077
10 EAST CHESTER STREET
KINGSTON, NEW YORK

| Soil Boring | Depth (feet bgs) | PID (ppm) |
|---|---|---|
| SB-1 | 0-2 | 0.4 |
| | 2-4 | 1.0 |
| | 4-6 | 0.7 |
| | 6-8 | 0.6 |
| | 8-9 | 1.0 |
| | 9-10 | 1,901 |
| SB-2 | 0-2 | 0 |
| | 2-4 | 0 |
| | 4-6 | 0 |
| | 6-8 | 0 |
| | 8-9 | 0 |
| | 9-10 | NA |
| SB-3 | 0-2 | 0 |
| | 2-4 | 0 |
| | 4-6 | 0 |
| | 6-8 | 0 |
| | 8-10 | NA |
| SB-4 | 0-1 | NA |
| | 1-3 | 1.8 |
| | 3-5 | 1.4 |
| | 5-7 | 0.3 |
| | 7-9 | 1.3 |
| | 9-10 | 315 |
| SB-5 | 0-1 | NA |
| | 1-3 | 3.1 |
| | 3-5 | 5.8 |
| | 5-7 | 3.1 |
| | 7-9 | 1.8 |
| | 9-10 | 10.0 |
| SB-6 | 0-1 | NA |
| | 1-3 | 0.1 |
| | 3-5 | 0.3 |
| | 5-7 | 0.4 |
| | 7-9 | 0.2 |
| | 9-10 | 2.0 |
| SB-7 | 0-1 | NA |
| | 1-3 | 0.4 |
| | 3-5 | 0.2 |
| | 5-7 | 0.2 |
| | 7-9 | 0.3 |
| | 9-10 | 0.7 |

**TABLE 1**
**SUMMARY OF PID READINGS IN SOIL**

WALGREEN COMPANY STORE 02077
10 EAST CHESTER STREET
KINGSTON, NEW YORK

| Soil Boring | Depth (feet bgs) | PID (ppm) |
|---|---|---|
| SB-8 | 0-1 | NA |
| | 1-3 | 0.6 |
| | 3-5 | 2.4 |
| | 5-7 | 1.5 |
| | 7-8 | 0.8 |
| | 8-10 | 60.8 |
| SB-9 | 0-2 | 0 |
| | 2-4 | 0.2 |
| | 4-6 | 1.5 |
| | 6-8 | 1.3 |
| | 8-9 | 0.8 |
| | 9-10 | 8.9 |
| SB-10 | 0-1 | NA |
| | 1-3 | 0.3 |
| | 3-5 | 0 |
| | 5-7 | 0.3 |
| | 7-9 | 0.3 |
| | 9-10 | 101 |

Notes
bgs: below ground surface
ppm: parts per million
PID: photoionization detector

**TABLE 2**
**SUMMARY OF SOIL ANALYTICAL RESULTS**

WALGREEN COMPANY STORE 02077
10 EAST CHESTER STREET
KINGSTON, NEW YORK

| Sample ID | | NYSDEC Unrestricted Use SCO* (mg/kg) | SB-1 | SB-1 | SB-1 | SB-1 | SB-1 | SB-2 | SB-2 | SB-2 |
|---|---|---|---|---|---|---|---|---|---|---|
| **Sampling Date** | | | 10/14/2014 | 10/14/2014 | 10/14/2014 | 10/14/2014 | 10/14/2014 | 10/14/2014 | 10/14/2014 | 10/14/2014 |
| **Depth Interval (feet bgs)** | | | 0-2 | 2-4 | 4-6 | 6-8 | 8-9 | 0-2 | 2-4 | 4-6 |
| **Volatile Organic Compounds - EPA 8260C (mg/kg)** | **CAS #** | | | | | | | | | |
| 1,1,1-Trichloroethane | 71-55-6 | 0.68 | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,1,2-Trichloroethane | 79-00-5 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 76-13-1 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,1-Dichloroethane | 75-34-3 | 0.27 | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,1-Dichloroethene | 75-35-4 | 0.33 | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,2,4-Trichlorobenzene | 120-82-1 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,2-Dibromo-3-Chloropropane | 96-12-8 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,2-Dichlorobenzene | 95-50-1 | 1.1 | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,2-Dichloroethane | 107-06-2 | 0.02 | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,2-Dichloropropane | 78-87-5 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,3-Dichlorobenzene | 541-73-1 | 2.4 | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,4-Dichlorobenzene | 106-46-7 | 1.8 | ND | ND | ND | ND | ND | ND | ND | ND |
| 2-Butanone (MEK) | 78-93-3 | 0.12 | ND | ND | ND | ND | ND | ND | ND | ND |
| 2-Hexanone | 591-78-6 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| 4-Methyl-2-pentanone (MIBK) | 108-10-1 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| Acetone | 67-64-1 | 0.05 | ND | ND | ND | **0.0057 J** | ND | **0.017** | **0.002 J** | ND |
| Benzene | 71-43-2 | 0.06 | **0.00027 J** | **0.00023 J** | ND | ND | ND | ND | ND | ND |
| Bromodichloromethane | 75-27-4 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| Bromoform | 75-25-2 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| Bromomethane | 74-83-9 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| Carbon disulfide | 75-15-0 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| Carbon tetrachloride | 56-23-5 | 0.76 | ND | ND | ND | ND | ND | ND | ND | ND |
| Chlorobenzene | 108-90-7 | 1.1 | ND | ND | ND | ND | ND | ND | ND | ND |
| Dibromochloromethane | 124-48-1 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| Chloroethane | 75-00-3 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| Chloroform | 67-66-3 | 0.37 | ND | ND | ND | ND | ND | ND | ND | ND |
| Chloromethane | 74-87-3 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| cis-1,2-Dichloroethene | 156-59-2 | 0.25 | ND | ND | ND | ND | ND | ND | ND | ND |
| cis-1,3-Dichloropropene | 10061-01-5 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| Cyclohexane | 110-82-7 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| Dichlorodifluoromethane | 75-71-8 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| Ethylbenzene | 100-41-4 | 1.0 | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,2-Dibromoethane | 106-93-4 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| Isopropylbenzene | 98-82-8 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| Methyl acetate | 79-20-9 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| Methyl tert-butyl ether | 1634-04-4 | 0.93 | ND | ND | ND | ND | ND | ND | ND | ND |

**TABLE 2**
**SUMMARY OF SOIL ANALYTICAL RESULTS**

WALGREEN COMPANY STORE 02077
10 EAST CHESTER STREET
KINGSTON, NEW YORK

| **Sample ID** | | **NYSDEC Unrestricted Use SCO* (mg/kg)** | **SB-1** | **SB-1** | **SB-1** | **SB-1** | **SB-1** | **SB-2** | **SB-2** | **SB-2** |
|---|---|---|---|---|---|---|---|---|---|---|
| **Sampling Date** | | | **10/14/2014** | **10/14/2014** | **10/14/2014** | **10/14/2014** | **10/14/2014** | **10/14/2014** | **10/14/2014** | **10/14/2014** |
| **Depth Interval (feet bgs)** | | | **0-2** | **2-4** | **4-6** | **6-8** | **8-9** | **0-2** | **2-4** | **4-6** |
| **Volatile Organic Compounds - EPA 8260C (mg/kg)** | **CAS #** | | | | | | | | | |
| Methylcyclohexane | 108-87-2 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| Methylene Chloride | 75-09-2 | 0.05 | ND | ND | ND | ND | ND | ND | ND | ND |
| Styrene | 100-42-5 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| Tetrachloroethene | 127-18-4 | 1.3** | **0.0063** | **0.026** | **0.011** | **0.010** | **0.039** | ND | **0.0013 J** | **0.016** |
| Toluene | 108-88-3 | 0.7 | **0.00036 J** | **0.00035 J** | ND | ND | ND | ND | ND | ND |
| trans-1,2-Dichloroethene | 156-60-5 | 0.19 | ND | ND | ND | ND | ND | ND | ND | ND |
| trans-1,3-Dichloropropene | 10061-02-6 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| Trichloroethene | 79-01-6 | 0.47 | ND | ND | ND | ND | ND | ND | ND | ND |
| Trichlorofluoromethane | 75-69-4 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| Vinyl chloride | 75-01-4 | 0.02 | ND | ND | ND | ND | ND | ND | ND | ND |
| Xylenes, Total | 1330-20-7 | 0.26 | ND | ND | ND | ND | ND | ND | ND | ND |

**Notes:**

Soil samples analyzed at TestAmerica Laboratories in Amherst, New York.

*: New York State Department of Environmental Conservation (NYSDEC) 6 NYCRR Part 375,
Unrestricted Use Soil Cleanup Objective (SCO) issued December 14, 2006, Table 375-6.8(a).

**: Restrcited Use, Commercial SCO for tetrachloroethene is 150 mg/kg.
Protection of Groundwater SCO for tetrachloroethene is 1.3 mg/kg.

bgs: below ground surface

mg/kg: milligrams per kilogram

ND: The analyte was not detected.

NS: No standard available.

J: Result is less than the reporting limit but greater than or equal to the method detection limit.

Shaded and **bold** value indicates that the concentration is above the NYSDEC Unrestricted Use SCO.

**TABLE 2**
**SUMMARY OF SOIL ANALYTICAL RESULTS**

WALGREEN COMPANY STORE 02077
10 EAST CHESTER STREET
KINGSTON, NEW YORK

| Sample ID | | NYSDEC Unrestricted Use SCO* (mg/kg) | SB-2 | SB-2 | SB-3 | SB-3 | SB-3 | SB-3 | SB-2 (10-12) Duplicate of SB-3 | SB-4 |
|---|---|---|---|---|---|---|---|---|---|---|
| **Sampling Date** | | | 10/14/2014 | 10/14/2014 | 10/14/2014 | 10/14/2014 | 10/14/2014 | 10/14/2014 | 10/14/2014 | 10/14/2014 |
| **Depth Interval (feet bgs)** | | | 6-8 | 8-9 | 0-2 | 2-4 | 4-6 | 6-8 | 6-8 | 1-3 |
| **Volatile Organic Compounds - EPA 8260C (mg/kg)** | **CAS #** | | | | | | | | | |
| 1,1,1-Trichloroethane | 71-55-6 | 0.68 | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,1,2-Trichloroethane | 79-00-5 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 76-13-1 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,1-Dichloroethane | 75-34-3 | 0.27 | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,1-Dichloroethene | 75-35-4 | 0.33 | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,2,4-Trichlorobenzene | 120-82-1 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,2-Dibromo-3-Chloropropane | 96-12-8 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,2-Dichlorobenzene | 95-50-1 | 1.1 | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,2-Dichloroethane | 107-06-2 | 0.02 | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,2-Dichloropropane | 78-87-5 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,3-Dichlorobenzene | 541-73-1 | 2.4 | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,4-Dichlorobenzene | 106-46-7 | 1.8 | ND | ND | ND | ND | ND | ND | ND | ND |
| 2-Butanone (MEK) | 78-93-3 | 0.12 | ND | ND | ND | ND | ND | ND | ND | ND |
| 2-Hexanone | 591-78-6 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| 4-Methyl-2-pentanone (MIBK) | 108-10-1 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| Acetone | 67-64-1 | 0.05 | ND | ND | ND | ND | ND | ND | ND | **0.0067 J** |
| Benzene | 71-43-2 | 0.06 | ND | ND | ND | ND | ND | ND | ND | ND |
| Bromodichloromethane | 75-27-4 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| Bromoform | 75-25-2 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| Bromomethane | 74-83-9 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| Carbon disulfide | 75-15-0 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| Carbon tetrachloride | 56-23-5 | 0.76 | ND | ND | ND | ND | ND | ND | ND | ND |
| Chlorobenzene | 108-90-7 | 1.1 | ND | ND | ND | ND | ND | ND | ND | ND |
| Dibromochloromethane | 124-48-1 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| Chloroethane | 75-00-3 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| Chloroform | 67-66-3 | 0.37 | ND | ND | ND | ND | ND | ND | ND | ND |
| Chloromethane | 74-87-3 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| cis-1,2-Dichloroethene | 156-59-2 | 0.25 | ND | ND | ND | ND | ND | ND | ND | ND |
| cis-1,3-Dichloropropene | 10061-01-5 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| Cyclohexane | 110-82-7 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| Dichlorodifluoromethane | 75-71-8 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| Ethylbenzene | 100-41-4 | 1.0 | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,2-Dibromoethane | 106-93-4 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| Isopropylbenzene | 98-82-8 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| Methyl acetate | 79-20-9 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| Methyl tert-butyl ether | 1634-04-4 | 0.93 | ND | ND | ND | ND | ND | ND | ND | ND |

**TABLE 2**
**SUMMARY OF SOIL ANALYTICAL RESULTS**

WALGREEN COMPANY STORE 02077
10 EAST CHESTER STREET
KINGSTON, NEW YORK

| Sample ID | | NYSDEC Unrestricted Use SCO* (mg/kg) | SB-2 | SB-2 | SB-3 | SB-3 | SB-3 | SB-3 | SB-2 (10-12) Duplicate of SB-3 | SB-4 |
|---|---|---|---|---|---|---|---|---|---|---|
| **Sampling Date** | | | **10/14/2014** | **10/14/2014** | **10/14/2014** | **10/14/2014** | **10/14/2014** | **10/14/2014** | **10/14/2014** | **10/14/2014** |
| **Depth Interval (feet bgs)** | | | **6-8** | **8-9** | **0-2** | **2-4** | **4-6** | **6-8** | **6-8** | **1-3** |
| **Volatile Organic Compounds - EPA 8260C (mg/kg)** | **CAS #** | | | | | | | | | |
| Methylcyclohexane | 108-87-2 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| Methylene Chloride | 75-09-2 | 0.05 | ND | ND | ND | ND | ND | ND | ND | ND |
| Styrene | 100-42-5 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| Tetrachloroethene | 127-18-4 | 1.3** | **0.0025** | **0.0027** | ND | **0.00069 J** | **0.00071 J** | ND | **0.00037 J** | **0.029** |
| Toluene | 108-88-3 | 0.7 | ND | ND | ND | ND | ND | ND | ND | ND |
| trans-1,2-Dichloroethene | 156-60-5 | 0.19 | ND | ND | ND | ND | ND | ND | ND | ND |
| trans-1,3-Dichloropropene | 10061-02-6 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| Trichloroethene | 79-01-6 | 0.47 | ND | ND | ND | ND | ND | ND | ND | ND |
| Trichlorofluoromethane | 75-69-4 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| Vinyl chloride | 75-01-4 | 0.02 | ND | ND | ND | ND | ND | ND | ND | ND |
| Xylenes, Total | 1330-20-7 | 0.26 | ND | ND | ND | ND | ND | ND | ND | ND |

**Notes:**

Soil samples analyzed at TestAmerica Laboratories in Amherst, New York.

*: New York State Department of Environmental Conservation (NYSDEC) 6 NYCRR Part 375, Unrestricted Use Soil Cleanup Objective (SCO) issued December 14, 2006, Table 375-6.8(a).

**: Restrcited Use, Commercial SCO for tetrachloroethene is 150 mg/kg.
Protection of Groundwater SCO for tetrachloroethene is 1.3 mg/kg.

bgs: below ground surface

mg/kg: milligrams per kilogram

ND: The analyte was not detected.

NS: No standard available.

J: Result is less than the reporting limit but greater than or equal to the method detection limit.

Shaded and **bold** value indicates that the concentration is above the NYSDEC Unrestricted Use SCO.

**TABLE 2**
**SUMMARY OF SOIL ANALYTICAL RESULTS**

WALGREEN COMPANY STORE 02077
10 EAST CHESTER STREET
KINGSTON, NEW YORK

| Sample ID | | NYSDEC Unrestricted Use SCO* (mg/kg) | SB-4 | SB-4 | SB-4 | SB-5 | SB-5 | SB-5 | SB-5 | SB-6 |
|---|---|---|---|---|---|---|---|---|---|---|
| **Sampling Date** | | | 10/14/2014 | 10/14/2014 | 10/14/2014 | 10/14/2014 | 10/14/2014 | 10/14/2014 | 10/14/2014 | 10/14/2014 |
| **Depth Interval (feet bgs)** | | | 3-5 | 5-7 | 7-9 | 1-3 | 3-5 | 5-7 | 7-9 | 1-3 |
| **Volatile Organic Compounds - EPA 8260C (mg/kg)** | **CAS #** | | | | | | | | | |
| 1,1,1-Trichloroethane | 71-55-6 | 0.68 | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,1,2-Trichloroethane | 79-00-5 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 76-13-1 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,1-Dichloroethane | 75-34-3 | 0.27 | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,1-Dichloroethene | 75-35-4 | 0.33 | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,2,4-Trichlorobenzene | 120-82-1 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,2-Dibromo-3-Chloropropane | 96-12-8 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,2-Dichlorobenzene | 95-50-1 | 1.1 | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,2-Dichloroethane | 107-06-2 | 0.02 | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,2-Dichloropropane | 78-87-5 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,3-Dichlorobenzene | 541-73-1 | 2.4 | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,4-Dichlorobenzene | 106-46-7 | 1.8 | ND | ND | ND | ND | ND | ND | ND | ND |
| 2-Butanone (MEK) | 78-93-3 | 0.12 | ND | ND | ND | ND | ND | ND | ND | ND |
| 2-Hexanone | 591-78-6 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| 4-Methyl-2-pentanone (MIBK) | 108-10-1 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| Acetone | 67-64-1 | 0.05 | ND | **0.0077 J** | ND | **0.0057 J** | **0.0066 J** | ND | **0.0036 J** | ND |
| Benzene | 71-43-2 | 0.06 | ND | ND | ND | ND | ND | ND | ND | ND |
| Bromodichloromethane | 75-27-4 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| Bromoform | 75-25-2 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| Bromomethane | 74-83-9 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| Carbon disulfide | 75-15-0 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| Carbon tetrachloride | 56-23-5 | 0.76 | ND | ND | ND | ND | ND | ND | ND | ND |
| Chlorobenzene | 108-90-7 | 1.1 | ND | ND | ND | ND | ND | ND | ND | ND |
| Dibromochloromethane | 124-48-1 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| Chloroethane | 75-00-3 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| Chloroform | 67-66-3 | 0.37 | ND | ND | ND | ND | ND | ND | ND | ND |
| Chloromethane | 74-87-3 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| cis-1,2-Dichloroethene | 156-59-2 | 0.25 | ND | ND | ND | ND | ND | ND | ND | ND |
| cis-1,3-Dichloropropene | 10061-01-5 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| Cyclohexane | 110-82-7 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| Dichlorodifluoromethane | 75-71-8 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| Ethylbenzene | 100-41-4 | 1.0 | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,2-Dibromoethane | 106-93-4 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| Isopropylbenzene | 98-82-8 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| Methyl acetate | 79-20-9 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| Methyl tert-butyl ether | 1634-04-4 | 0.93 | ND | ND | ND | ND | ND | ND | ND | ND |

**TABLE 2**
**SUMMARY OF SOIL ANALYTICAL RESULTS**

WALGREEN COMPANY STORE 02077
10 EAST CHESTER STREET
KINGSTON, NEW YORK

| Sample ID | | NYSDEC Unrestricted Use SCO* (mg/kg) | SB-4 | SB-4 | SB-4 | SB-5 | SB-5 | SB-5 | SB-5 | SB-6 |
|---|---|---|---|---|---|---|---|---|---|---|
| **Sampling Date** | | | **10/14/2014** | **10/14/2014** | **10/14/2014** | **10/14/2014** | **10/14/2014** | **10/14/2014** | **10/14/2014** | **10/14/2014** |
| **Depth Interval (feet bgs)** | | | **3-5** | **5-7** | **7-9** | **1-3** | **3-5** | **5-7** | **7-9** | **1-3** |
| **Volatile Organic Compounds - EPA 8260C (mg/kg)** | **CAS #** | | | | | | | | | |
| Methylcyclohexane | 108-87-2 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| Methylene Chloride | 75-09-2 | 0.05 | ND | ND | ND | ND | ND | ND | ND | ND |
| Styrene | 100-42-5 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| Tetrachloroethene | 127-18-4 | 1.3** | **0.024** | **0.0024 J** | **0.0049** | **0.021** | **1.7** | **0.060** | **0.023** | **0.00092 J** |
| Toluene | 108-88-3 | 0.7 | ND | ND | ND | ND | ND | ND | ND | ND |
| trans-1,2-Dichloroethene | 156-60-5 | 0.19 | ND | ND | ND | ND | ND | ND | ND | ND |
| trans-1,3-Dichloropropene | 10061-02-6 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| Trichloroethene | 79-01-6 | 0.47 | ND | ND | ND | ND | **0.0033** | **0.0011 J** | ND | ND |
| Trichlorofluoromethane | 75-69-4 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| Vinyl chloride | 75-01-4 | 0.02 | ND | ND | ND | ND | ND | ND | ND | ND |
| Xylenes, Total | 1330-20-7 | 0.26 | ND | ND | ND | ND | ND | ND | ND | ND |

**Notes:**

Soil samples analyzed at TestAmerica Laboratories in Amherst, New York.

*: New York State Department of Environmental Conservation (NYSDEC) 6 NYCRR Part 375,
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**: Restrcited Use, Commercial SCO for tetrachloroethene is 150 mg/kg.
Protection of Groundwater SCO for tetrachloroethene is 1.3 mg/kg.

bgs: below ground surface

mg/kg: milligrams per kilogram

ND: The analyte was not detected.

NS: No standard available.

J: Result is less than the reporting limit but greater than or equal to the method detection limit.

Shaded and **bold** value indicates that the concentration is above the NYSDEC Unrestricted Use SCO.

**TABLE 2**
**SUMMARY OF SOIL ANALYTICAL RESULTS**

WALGREEN COMPANY STORE 02077
10 EAST CHESTER STREET
KINGSTON, NEW YORK

| Sample ID | | NYSDEC Unrestricted Use SCO* (mg/kg) | SB-6 | SB-6 | SB-6 | SB-7 | SB-7 | SB-7 | SB-7 | SB-8 |
|---|---|---|---|---|---|---|---|---|---|---|
| **Sampling Date** | | | **10/14/2014** | **10/14/2014** | **10/14/2014** | **10/15/2014** | **10/15/2014** | **10/15/2014** | **10/15/2014** | **10/14/2014** |
| **Depth Interval (feet bgs)** | | | **3-5** | **5-7** | **7-9** | **1-3** | **3-5** | **5-7** | **7-9** | **1-3** |
| **Volatile Organic Compounds - EPA 8260C (mg/kg)** | **CAS #** | | | | | | | | | |
| 1,1,1-Trichloroethane | 71-55-6 | 0.68 | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,1,2-Trichloroethane | 79-00-5 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 76-13-1 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,1-Dichloroethane | 75-34-3 | 0.27 | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,1-Dichloroethene | 75-35-4 | 0.33 | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,2,4-Trichlorobenzene | 120-82-1 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,2-Dibromo-3-Chloropropane | 96-12-8 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,2-Dichlorobenzene | 95-50-1 | 1.1 | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,2-Dichloroethane | 107-06-2 | 0.02 | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,2-Dichloropropane | 78-87-5 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,3-Dichlorobenzene | 541-73-1 | 2.4 | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,4-Dichlorobenzene | 106-46-7 | 1.8 | ND | ND | ND | ND | ND | ND | ND | ND |
| 2-Butanone (MEK) | 78-93-3 | 0.12 | ND | ND | ND | ND | ND | ND | ND | ND |
| 2-Hexanone | 591-78-6 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| 4-Methyl-2-pentanone (MIBK) | 108-10-1 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| Acetone | 67-64-1 | 0.05 | **0.0097 J** | **0.011 J** | ND | **0.0095 J** | ND | **0.016** | **0.041** | ND |
| Benzene | 71-43-2 | 0.06 | ND | ND | ND | **0.00019 J** | ND | ND | ND | ND |
| Bromodichloromethane | 75-27-4 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| Bromoform | 75-25-2 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| Bromomethane | 74-83-9 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| Carbon disulfide | 75-15-0 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| Carbon tetrachloride | 56-23-5 | 0.76 | ND | ND | ND | ND | ND | ND | ND | ND |
| Chlorobenzene | 108-90-7 | 1.1 | ND | ND | ND | ND | ND | ND | ND | ND |
| Dibromochloromethane | 124-48-1 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| Chloroethane | 75-00-3 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| Chloroform | 67-66-3 | 0.37 | ND | ND | ND | ND | ND | ND | ND | ND |
| Chloromethane | 74-87-3 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| cis-1,2-Dichloroethene | 156-59-2 | 0.25 | ND | ND | ND | ND | ND | ND | ND | ND |
| cis-1,3-Dichloropropene | 10061-01-5 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| Cyclohexane | 110-82-7 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| Dichlorodifluoromethane | 75-71-8 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| Ethylbenzene | 100-41-4 | 1.0 | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,2-Dibromoethane | 106-93-4 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| Isopropylbenzene | 98-82-8 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| Methyl acetate | 79-20-9 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| Methyl tert-butyl ether | 1634-04-4 | 0.93 | ND | ND | ND | ND | ND | ND | ND | ND |

**TABLE 2**
**SUMMARY OF SOIL ANALYTICAL RESULTS**

WALGREEN COMPANY STORE 02077
10 EAST CHESTER STREET
KINGSTON, NEW YORK

| **Sample ID** | | **NYSDEC Unrestricted Use SCO* (mg/kg)** | **SB-6** | **SB-6** | **SB-6** | **SB-7** | **SB-7** | **SB-7** | **SB-7** | **SB-8** |
|---|---|---|---|---|---|---|---|---|---|---|
| **Sampling Date** | | | **10/14/2014** | **10/14/2014** | **10/14/2014** | **10/15/2014** | **10/15/2014** | **10/15/2014** | **10/15/2014** | **10/14/2014** |
| **Depth Interval (feet bgs)** | | | **3-5** | **5-7** | **7-9** | **1-3** | **3-5** | **5-7** | **7-9** | **1-3** |
| **Volatile Organic Compounds - EPA 8260C (mg/kg)** | **CAS #** | | | | | | | | | |
| Methylcyclohexane | 108-87-2 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| Methylene Chloride | 75-09-2 | 0.05 | ND | ND | ND | ND | ND | ND | ND | ND |
| Styrene | 100-42-5 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| Tetrachloroethene | 127-18-4 | 1.3** | **0.0023 J** | **0.001 J** | ND | ND | **0.0015 J** | **0.00098 J** | ND | **0.0045** |
| Toluene | 108-88-3 | 0.7 | ND | ND | ND | ND | ND | ND | ND | ND |
| trans-1,2-Dichloroethene | 156-60-5 | 0.19 | ND | ND | ND | ND | ND | ND | ND | ND |
| trans-1,3-Dichloropropene | 10061-02-6 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| Trichloroethene | 79-01-6 | 0.47 | ND | ND | ND | ND | ND | ND | ND | ND |
| Trichlorofluoromethane | 75-69-4 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| Vinyl chloride | 75-01-4 | 0.02 | ND | ND | ND | ND | ND | ND | ND | ND |
| Xylenes, Total | 1330-20-7 | 0.26 | ND | ND | ND | ND | ND | ND | ND | ND |

**Notes:**

Soil samples analyzed at TestAmerica Laboratories in Amherst, New York.

*: New York State Department of Environmental Conservation (NYSDEC) 6 NYCRR Part 375,
Unrestricted Use Soil Cleanup Objective (SCO) issued December 14, 2006, Table 375-6.8(a).

**: Restrcited Use, Commercial SCO for tetrachloroethene is 150 mg/kg.
Protection of Groundwater SCO for tetrachloroethene is 1.3 mg/kg.

bgs: below ground surface

mg/kg: milligrams per kilogram

ND: The analyte was not detected.

NS: No standard available.

J: Result is less than the reporting limit but greater than or equal to the method detection limit.

Shaded and **bold** value indicates that the concentration is above the NYSDEC Unrestricted Use SCO.

**TABLE 2**
**SUMMARY OF SOIL ANALYTICAL RESULTS**

WALGREEN COMPANY STORE 02077
10 EAST CHESTER STREET
KINGSTON, NEW YORK

| Sample ID | | NYSDEC Unrestricted Use SCO* (mg/kg) | SB-8 | SB-8 | SB-8 | SB-9 | SB-9 | SB-9 (10-12) Duplicate of SB-9 | SB-9 | SB-9 |
|---|---|---|---|---|---|---|---|---|---|---|
| **Sampling Date** | | | 10/14/2014 | 10/14/2014 | 10/14/2014 | 10/14/2014 | 10/14/2014 | 10/14/2014 | 10/14/2014 | 10/14/2014 |
| **Depth Interval (feet bgs)** | | | 3-5 | 5-7 | 7-8 | 0-2 | 2-4 | 2-4 | 4-6 | 6-8 |
| **Volatile Organic Compounds - EPA 8260C (mg/kg)** | **CAS #** | | | | | | | | | |
| 1,1,1-Trichloroethane | 71-55-6 | 0.68 | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,1,2-Trichloroethane | 79-00-5 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 76-13-1 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,1-Dichloroethane | 75-34-3 | 0.27 | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,1-Dichloroethene | 75-35-4 | 0.33 | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,2,4-Trichlorobenzene | 120-82-1 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,2-Dibromo-3-Chloropropane | 96-12-8 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,2-Dichlorobenzene | 95-50-1 | 1.1 | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,2-Dichloroethane | 107-06-2 | 0.02 | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,2-Dichloropropane | 78-87-5 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,3-Dichlorobenzene | 541-73-1 | 2.4 | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,4-Dichlorobenzene | 106-46-7 | 1.8 | ND | ND | ND | ND | ND | ND | ND | ND |
| 2-Butanone (MEK) | 78-93-3 | 0.12 | ND | ND | ND | ND | ND | ND | ND | ND |
| 2-Hexanone | 591-78-6 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| 4-Methyl-2-pentanone (MIBK) | 108-10-1 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| Acetone | 67-64-1 | 0.05 | ND | **0.0033 J** | **0.0088 J** | ND | ND | ND | ND | ND |
| Benzene | 71-43-2 | 0.06 | ND | ND | ND | ND | ND | ND | ND | ND |
| Bromodichloromethane | 75-27-4 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| Bromoform | 75-25-2 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| Bromomethane | 74-83-9 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| Carbon disulfide | 75-15-0 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| Carbon tetrachloride | 56-23-5 | 0.76 | ND | ND | ND | ND | ND | ND | ND | ND |
| Chlorobenzene | 108-90-7 | 1.1 | ND | ND | ND | ND | ND | ND | ND | ND |
| Dibromochloromethane | 124-48-1 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| Chloroethane | 75-00-3 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| Chloroform | 67-66-3 | 0.37 | ND | ND | ND | ND | ND | ND | ND | ND |
| Chloromethane | 74-87-3 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| cis-1,2-Dichloroethene | 156-59-2 | 0.25 | ND | ND | ND | ND | ND | ND | ND | ND |
| cis-1,3-Dichloropropene | 10061-01-5 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| Cyclohexane | 110-82-7 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| Dichlorodifluoromethane | 75-71-8 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| Ethylbenzene | 100-41-4 | 1.0 | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,2-Dibromoethane | 106-93-4 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| Isopropylbenzene | 98-82-8 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| Methyl acetate | 79-20-9 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| Methyl tert-butyl ether | 1634-04-4 | 0.93 | ND | ND | ND | ND | ND | ND | ND | ND |

**TABLE 2**
**SUMMARY OF SOIL ANALYTICAL RESULTS**

WALGREEN COMPANY STORE 02077
10 EAST CHESTER STREET
KINGSTON, NEW YORK

| Sample ID | | NYSDEC Unrestricted Use SCO* (mg/kg) | SB-8 | SB-8 | SB-8 | SB-9 | SB-9 | SB-9 (10-12) Duplicate of SB-9 | SB-9 | SB-9 |
|---|---|---|---|---|---|---|---|---|---|---|
| **Sampling Date** | | | **10/14/2014** | **10/14/2014** | **10/14/2014** | **10/14/2014** | **10/14/2014** | **10/14/2014** | **10/14/2014** | **10/14/2014** |
| **Depth Interval (feet bgs)** | | | **3-5** | **5-7** | **7-8** | **0-2** | **2-4** | **2-4** | **4-6** | **6-8** |
| **Volatile Organic Compounds - EPA 8260C (mg/kg)** | **CAS #** | | | | | | | | | |
| Methylcyclohexane | 108-87-2 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| Methylene Chloride | 75-09-2 | 0.05 | ND | ND | ND | ND | ND | ND | ND | ND |
| Styrene | 100-42-5 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| Tetrachloroethene | 127-18-4 | 1.3** | **0.021** | **0.0082** | **0.0033** | **0.00068 J** | **0.0058** | **0.0022 J** | **0.014** | **0.0082** |
| Toluene | 108-88-3 | 0.7 | ND | ND | ND | ND | ND | ND | ND | ND |
| trans-1,2-Dichloroethene | 156-60-5 | 0.19 | ND | ND | ND | ND | ND | ND | ND | ND |
| trans-1,3-Dichloropropene | 10061-02-6 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| Trichloroethene | 79-01-6 | 0.47 | ND | ND | ND | ND | ND | ND | ND | ND |
| Trichlorofluoromethane | 75-69-4 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| Vinyl chloride | 75-01-4 | 0.02 | ND | ND | ND | ND | ND | ND | ND | ND |
| Xylenes, Total | 1330-20-7 | 0.26 | ND | ND | ND | ND | ND | ND | ND | ND |

**Notes:**

Soil samples analyzed at TestAmerica Laboratories in Amherst, New York.

*: New York State Department of Environmental Conservation (NYSDEC) 6 NYCRR Part 375,
Unrestricted Use Soil Cleanup Objective (SCO) issued December 14, 2006, Table 375-6.8(a).

**: Restrcited Use, Commercial SCO for tetrachloroethene is 150 mg/kg.
Protection of Groundwater SCO for tetrachloroethene is 1.3 mg/kg.

bgs: below ground surface

mg/kg: milligrams per kilogram

ND: The analyte was not detected.

NS: No standard available.

J: Result is less than the reporting limit but greater than or equal to the method detection limit.

Shaded and **bold** value indicates that the concentration is above the NYSDEC Unrestricted Use SCO.

**TABLE 2**
**SUMMARY OF SOIL ANALYTICAL RESULTS**

WALGREEN COMPANY STORE 02077
10 EAST CHESTER STREET
KINGSTON, NEW YORK

| Sample ID | CAS # | NYSDEC Unrestricted Use SCO* (mg/kg) | SB-9 | SB-10 | SB-10 | SB-10 (9-11) Duplicate of SB-10 | SB-10 | SB-10 |
|---|---|---|---|---|---|---|---|---|
| **Sampling Date** | | | **10/14/2014** | **10/15/2014** | **10/15/2014** | **10/15/2014** | **10/15/2014** | **10/15/2014** |
| **Depth Interval (feet bgs)** | | | **8-9** | **1-3** | **3-5** | **3-5** | **5-7** | **7-9** |
| **Volatile Organic Compounds - EPA 8260C (mg/kg)** | | | | | | | | |
| 1,1,1-Trichloroethane | 71-55-6 | 0.68 | ND | ND | ND | ND | ND | ND |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | NS | ND | ND | ND | ND | ND | ND |
| 1,1,2-Trichloroethane | 79-00-5 | NS | ND | ND | ND | ND | ND | ND |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 76-13-1 | NS | ND | ND | ND | ND | ND | ND |
| 1,1-Dichloroethane | 75-34-3 | 0.27 | ND | ND | ND | ND | ND | ND |
| 1,1-Dichloroethene | 75-35-4 | 0.33 | ND | ND | ND | ND | ND | ND |
| 1,2,4-Trichlorobenzene | 120-82-1 | NS | ND | ND | ND | ND | ND | ND |
| 1,2-Dibromo-3-Chloropropane | 96-12-8 | NS | ND | ND | ND | ND | ND | ND |
| 1,2-Dichlorobenzene | 95-50-1 | 1.1 | ND | ND | ND | ND | ND | ND |
| 1,2-Dichloroethane | 107-06-2 | 0.02 | ND | ND | ND | ND | ND | ND |
| 1,2-Dichloropropane | 78-87-5 | NS | ND | ND | ND | ND | ND | ND |
| 1,3-Dichlorobenzene | 541-73-1 | 2.4 | ND | ND | ND | ND | ND | ND |
| 1,4-Dichlorobenzene | 106-46-7 | 1.8 | ND | ND | ND | ND | ND | ND |
| 2-Butanone (MEK) | 78-93-3 | 0.12 | ND | ND | ND | ND | ND | ND |
| 2-Hexanone | 591-78-6 | NS | ND | ND | ND | ND | ND | ND |
| 4-Methyl-2-pentanone (MIBK) | 108-10-1 | NS | ND | ND | ND | ND | ND | ND |
| Acetone | 67-64-1 | 0.05 | **0.015** | **0.031** | **0.018** | ND | **0.029** | ND |
| Benzene | 71-43-2 | 0.06 | ND | ND | ND | ND | ND | ND |
| Bromodichloromethane | 75-27-4 | NS | ND | ND | ND | ND | ND | ND |
| Bromoform | 75-25-2 | NS | ND | ND | ND | ND | ND | ND |
| Bromomethane | 74-83-9 | NS | ND | ND | ND | ND | ND | ND |
| Carbon disulfide | 75-15-0 | NS | ND | ND | ND | ND | ND | ND |
| Carbon tetrachloride | 56-23-5 | 0.76 | ND | ND | ND | ND | ND | ND |
| Chlorobenzene | 108-90-7 | 1.1 | ND | ND | ND | ND | ND | ND |
| Dibromochloromethane | 124-48-1 | NS | ND | ND | ND | ND | ND | ND |
| Chloroethane | 75-00-3 | NS | ND | ND | ND | ND | ND | ND |
| Chloroform | 67-66-3 | 0.37 | ND | ND | ND | ND | ND | ND |
| Chloromethane | 74-87-3 | NS | ND | ND | ND | ND | ND | ND |
| cis-1,2-Dichloroethene | 156-59-2 | 0.25 | ND | ND | **0.00041 J** | **0.00037 J** | **0.00055 J** | ND |
| cis-1,3-Dichloropropene | 10061-01-5 | NS | ND | ND | ND | ND | ND | ND |
| Cyclohexane | 110-82-7 | NS | ND | ND | ND | ND | ND | ND |
| Dichlorodifluoromethane | 75-71-8 | NS | ND | ND | ND | ND | ND | ND |
| Ethylbenzene | 100-41-4 | 1.0 | ND | ND | ND | ND | ND | ND |
| 1,2-Dibromoethane | 106-93-4 | NS | ND | ND | ND | ND | ND | ND |
| Isopropylbenzene | 98-82-8 | NS | ND | ND | ND | ND | ND | ND |
| Methyl acetate | 79-20-9 | NS | ND | ND | ND | ND | ND | ND |
| Methyl tert-butyl ether | 1634-04-4 | 0.93 | ND | ND | ND | ND | ND | ND |

**TABLE 2**
**SUMMARY OF SOIL ANALYTICAL RESULTS**

WALGREEN COMPANY STORE 02077
10 EAST CHESTER STREET
KINGSTON, NEW YORK

| **Sample ID** | | **NYSDEC Unrestricted Use SCO* (mg/kg)** | **SB-9** | **SB-10** | **SB-10** | **SB-10 (9-11) Duplicate of SB-10** | **SB-10** | **SB-10** |
|---|---|---|---|---|---|---|---|---|
| **Sampling Date** | | | **10/14/2014** | **10/15/2014** | **10/15/2014** | **10/15/2014** | **10/15/2014** | **10/15/2014** |
| **Depth Interval (feet bgs)** | | | **8-9** | **1-3** | **3-5** | **3-5** | **5-7** | **7-9** |
| **Volatile Organic Compounds - EPA 8260C (mg/kg)** | **CAS #** | | | | | | | |
| Methylcyclohexane | 108-87-2 | NS | ND | ND | ND | ND | ND | ND |
| Methylene Chloride | 75-09-2 | 0.05 | ND | ND | ND | ND | ND | ND |
| Styrene | 100-42-5 | NS | ND | ND | ND | ND | ND | ND |
| Tetrachloroethene | 127-18-4 | 1.3** | **0.0019 J** | **0.0019 J** | **0.0055** | **0.0036** | **0.003** | **0.00067 J** |
| Toluene | 108-88-3 | 0.7 | ND | ND | ND | ND | ND | ND |
| trans-1,2-Dichloroethene | 156-60-5 | 0.19 | ND | ND | ND | ND | ND | ND |
| trans-1,3-Dichloropropene | 10061-02-6 | NS | ND | ND | ND | ND | ND | ND |
| Trichloroethene | 79-01-6 | 0.47 | ND | ND | ND | ND | ND | ND |
| Trichlorofluoromethane | 75-69-4 | NS | ND | ND | ND | ND | ND | ND |
| Vinyl chloride | 75-01-4 | 0.02 | ND | ND | ND | ND | ND | ND |
| Xylenes, Total | 1330-20-7 | 0.26 | ND | ND | ND | ND | ND | ND |

**Notes:**

Soil samples analyzed at TestAmerica Laboratories in Amherst, New York.

*: New York State Department of Environmental Conservation (NYSDEC) 6 NYCRR Part 375,
Unrestricted Use Soil Cleanup Objective (SCO) issued December 14, 2006, Table 375-6.8(a).

**: Restrcited Use, Commercial SCO for tetrachloroethene is 150 mg/kg.
Protection of Groundwater SCO for tetrachloroethene is 1.3 mg/kg.

bgs: below ground surface

mg/kg: milligrams per kilogram

ND: The analyte was not detected.

NS: No standard available.

J: Result is less than the reporting limit but greater than or equal to the method detection limit.

Shaded and **bold** value indicates that the concentration is above the NYSDEC Unrestricted Use SCO.

**TABLE 3**
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**
**GRAB SAMPLING FROM SOIL BORINGS**

WALGREEN COMPANY STORE 02077
10 EAST CHESTER STREET
KINGSTON, NEW YORK

| **Sample ID** | | **NYS GW** | **SB-1** | **SB-2** | **SB-3** | **SB-4** | **SB-5** | **SB-6** | **SB-7** | **SB-8** |
|---|---|---|---|---|---|---|---|---|---|---|
| **Sampling Date** | | **Standard*** | **10/14/2014** | **10/14/2014** | **10/14/2014** | **10/14/2014** | **10/14/2014** | **10/14/2014** | **10/15/2014** | **10/14/2014** |
| **Volatile Organic Compounds - EPA 8260C** | **CAS #** | **(µg/L)** | | | | | | | | |
| 1,1,1-Trichloroethane | 71-55-6 | 5.0 | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | 5.0 | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,1,2-Trichloroethane | 79-00-5 | 1.0 | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 76-13-1 | 5.0 | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,1-Dichloroethane | 75-34-3 | 5.0 | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,1-Dichloroethene | 75-35-4 | 5.0 | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,2,4-Trichlorobenzene | 120-82-1 | 5.0 | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,2-Dibromo-3-Chloropropane | 96-12-8 | 0.04 | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,2-Dibromoethane | 106-93-4 | 0.0006 | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,2-Dichlorobenzene | 95-50-1 | 3.0 | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,2-Dichloroethane | 107-06-2 | 0.6 | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,2-Dichloropropane | 78-87-5 | 1.0 | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,3-Dichlorobenzene | 541-73-1 | 3.0 | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,4-Dichlorobenzene | 106-46-7 | 3.0 | ND | ND | ND | ND | ND | ND | ND | ND |
| 2-Hexanone | 591-78-6 | [50] | ND | ND | ND | ND | ND | ND | ND | ND |
| 2-Butanone (MEK) | 78-93-3 | [50] | ND | ND | ND | ND | ND | ND | ND | ND |
| 4-Methyl-2-pentanone (MIBK) | 108-10-1 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| Acetone | 67-64-1 | [50] | ND | ND | ND | ND | ND | ND | ND | **3.1 J** |
| Benzene | 71-43-2 | 1.0 | ND | ND | ND | ND | ND | ND | ND | ND |
| Bromodichloromethane | 75-27-4 | [50] | ND | ND | ND | ND | ND | ND | ND | ND |
| Bromoform | 75-25-2 | [50] | ND | ND | ND | ND | ND | ND | ND | ND |
| Bromomethane | 74-83-9 | 5.0 | ND | ND | ND | ND | ND | ND | ND | ND |
| Carbon disulfide | 75-15-0 | [60] | ND | **0.25 J** | ND | ND | ND | **0.31 J** | ND | **0.59 J** |
| Carbon tetrachloride | 56-23-5 | 5.0 | ND | ND | ND | ND | ND | ND | ND | ND |
| Chlorobenzene | 108-90-7 | 5.0 | ND | ND | ND | ND | ND | ND | ND | ND |
| Dibromochloromethane | 124-48-1 | [50] | ND | ND | ND | ND | ND | ND | ND | ND |
| Chloroethane | 75-00-3 | 5.0 | ND | ND | ND | ND | ND | ND | ND | ND |
| Chloroform | 67-66-3 | 7.0 | ND | **0.57 J** | ND | ND | ND | ND | ND | ND |
| Chloromethane | 74-87-3 | 5.0 | ND | ND | ND | ND | ND | ND | ND | ND |
| cis-1,2-Dichloroethene | 156-59-2 | 5.0 | ND | **3.2** | ND | ND | **1.8** | ND | **1.1** | **200** |
| cis-1,3-Dichloropropene | 10061-01-5 | 0.4 | ND | ND | ND | ND | ND | ND | ND | ND |
| Cyclohexane | 110-82-7 | NS | ND | ND | ND | ND | ND | ND | ND | ND |
| Dichlorodifluoromethane | 75-71-8 | 5.0 | ND | ND | ND | ND | ND | ND | ND | ND |
| Ethylbenzene | 100-41-4 | 5.0 | ND | ND | ND | ND | ND | ND | ND | ND |
| Isopropylbenzene | 98-82-8 | 5.0 | ND | ND | ND | ND | ND | ND | ND | ND |
| Methyl acetate | 79-20-9 | NS | ND | ND | ND | ND | ND | ND | ND | ND |

**TABLE 3**
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**
**GRAB SAMPLING FROM SOIL BORINGS**

WALGREEN COMPANY STORE 02077
10 EAST CHESTER STREET
KINGSTON, NEW YORK

| **Sample ID** | | **NYS GW** | **SB-1** | **SB-2** | **SB-3** | **SB-4** | **SB-5** | **SB-6** | **SB-7** | **SB-8** |
|---|---|---|---|---|---|---|---|---|---|---|
| **Sampling Date** | | **Standard*** | **10/14/2014** | **10/14/2014** | **10/14/2014** | **10/14/2014** | **10/14/2014** | **10/14/2014** | **10/15/2014** | **10/14/2014** |
| **Volatile Organic Compounds - EPA 8260C** | **CAS #** | **(µg/L)** | | | | | | | | |
| Methyl tert-butyl ether | 1634-04-4 | [10] | **1.7** | ND | ND | **0.97 J** | ND | ND | ND | **0.2 J** |
| Methylcyclohexane | 108-87-2 | NS | ND | ND | ND | ND | ND | ND | ND | **1.1** |
| Methylene Chloride | 75-09-2 | 5.0 | ND | ND | ND | ND | ND | ND | ND | ND |
| Styrene | 100-42-5 | 5.0 | ND | ND | ND | ND | ND | ND | ND | ND |
| Tetrachloroethene | 127-18-4 | 5.0 | **710** | **9,100** | **8.5** | **660** | **4,500** | **3,200** | **3,200** | **1,100** |
| Toluene | 108-88-3 | 5.0 | ND | ND | ND | ND | ND | ND | ND | ND |
| trans-1,2-Dichloroethene | 156-60-5 | 5.0 | ND | ND | ND | ND | ND | ND | ND | **3.0** |
| trans-1,3-Dichloropropene | 10061-02-6 | 0.4 | ND | ND | ND | ND | ND | ND | ND | ND |
| Trichloroethene | 79-01-6 | 5.0 | **2.5** | **28** | ND | **10** | **20** | **12** | **11** | **50** |
| Trichlorofluoromethane | 75-69-4 | 5.0 | ND | ND | ND | ND | ND | ND | ND | ND |
| Vinyl chloride | 75-01-4 | 2.0 | ND | ND | ND | ND | ND | ND | ND | ND |
| Xylenes, Total | 1330-20-7 | 5.0 | ND | ND | ND | ND | ND | ND | ND | ND |

**Notes:**

Groundwater samples analyzed at TestAmerica Laboratories in Amherst, New York.

*: New York State Department of Environmental Conservation (NYSDEC) Groundwater (GW) Standard, Technical and Operational Guidance Series (TOGS) 1.1.1, 2004.

ug/L: micrograms per liter

ND: The analyte was not detected.

NS: No standard available.

J: Result is less than the reporting limit but greater than or equal to the method detection limit.

Shaded and **bold** value indicates that the concentration was detected above the comparison standard.

**TABLE 3**
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**
**GRAB SAMPLING FROM SOIL BORINGS**

WALGREEN COMPANY STORE 02077
10 EAST CHESTER STREET
KINGSTON, NEW YORK

| Sample ID | | NYS GW | B-20 (Duplicate of SB-8) | SB-9 | SB-10 |
|---|---|---|---|---|---|
| **Sampling Date** | | Standard* | **10/14/2014** | **10/14/2014** | **10/15/2014** |
| **Volatile Organic Compounds - EPA 8260C** | **CAS #** | **(µg/L)** | | | |
| 1,1,1-Trichloroethane | 71-55-6 | 5.0 | ND | ND | ND |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | 5.0 | ND | ND | ND |
| 1,1,2-Trichloroethane | 79-00-5 | 1.0 | ND | ND | ND |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 76-13-1 | 5.0 | ND | ND | ND |
| 1,1-Dichloroethane | 75-34-3 | 5.0 | ND | ND | ND |
| 1,1-Dichloroethene | 75-35-4 | 5.0 | ND | ND | ND |
| 1,2,4-Trichlorobenzene | 120-82-1 | 5.0 | ND | ND | ND |
| 1,2-Dibromo-3-Chloropropane | 96-12-8 | 0.04 | ND | ND | ND |
| 1,2-Dibromoethane | 106-93-4 | 0.0006 | ND | ND | ND |
| 1,2-Dichlorobenzene | 95-50-1 | 3.0 | ND | ND | ND |
| 1,2-Dichloroethane | 107-06-2 | 0.6 | ND | ND | ND |
| 1,2-Dichloropropane | 78-87-5 | 1.0 | ND | ND | ND |
| 1,3-Dichlorobenzene | 541-73-1 | 3.0 | ND | ND | ND |
| 1,4-Dichlorobenzene | 106-46-7 | 3.0 | ND | ND | ND |
| 2-Hexanone | 591-78-6 | [50] | ND | ND | ND |
| 2-Butanone (MEK) | 78-93-3 | [50] | ND | ND | ND |
| 4-Methyl-2-pentanone (MIBK) | 108-10-1 | NS | ND | ND | ND |
| Acetone | 67-64-1 | [50] | ND | ND | ND |
| Benzene | 71-43-2 | 1.0 | ND | ND | ND |
| Bromodichloromethane | 75-27-4 | [50] | ND | ND | ND |
| Bromoform | 75-25-2 | [50] | ND | ND | ND |
| Bromomethane | 74-83-9 | 5.0 | ND | ND | ND |
| Carbon disulfide | 75-15-0 | [60] | **0.6 J** | ND | **0.38 J** |
| Carbon tetrachloride | 56-23-5 | 5.0 | ND | ND | ND |
| Chlorobenzene | 108-90-7 | 5.0 | ND | ND | ND |
| Dibromochloromethane | 124-48-1 | [50] | ND | ND | ND |
| Chloroethane | 75-00-3 | 5.0 | ND | ND | ND |
| Chloroform | 67-66-3 | 7.0 | ND | ND | ND |
| Chloromethane | 74-87-3 | 5.0 | ND | ND | ND |
| cis-1,2-Dichloroethene | 156-59-2 | 5.0 | **220** | ND | **160** |
| cis-1,3-Dichloropropene | 10061-01-5 | 0.4 | ND | ND | ND |
| Cyclohexane | 110-82-7 | NS | ND | ND | ND |
| Dichlorodifluoromethane | 75-71-8 | 5.0 | ND | ND | ND |
| Ethylbenzene | 100-41-4 | 5.0 | ND | ND | ND |
| Isopropylbenzene | 98-82-8 | 5.0 | ND | ND | ND |
| Methyl acetate | 79-20-9 | NS | ND | ND | ND |

**TABLE 3**
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**
**GRAB SAMPLING FROM SOIL BORINGS**

WALGREEN COMPANY STORE 02077
10 EAST CHESTER STREET
KINGSTON, NEW YORK

| **Sample ID** | | **NYS GW** | **B-20 (Duplicate of SB-8)** | **SB-9** | **SB-10** |
|---|---|---|---|---|---|
| **Sampling Date** | | **Standard*** | **10/14/2014** | **10/14/2014** | **10/15/2014** |
| **Volatile Organic Compounds - EPA 8260C** | **CAS #** | **(µg/L)** | | | |
| Methyl tert-butyl ether | 1634-04-4 | [10] | ND | ND | **0.43 J** |
| Methylcyclohexane | 108-87-2 | NS | **1.3** | ND | ND |
| Methylene Chloride | 75-09-2 | 5.0 | ND | ND | ND |
| Styrene | 100-42-5 | 5.0 | ND | ND | ND |
| Tetrachloroethene | 127-18-4 | 5.0 | **1,000** | **1,400** | **1,000** |
| Toluene | 108-88-3 | 5.0 | ND | ND | ND |
| trans-1,2-Dichloroethene | 156-60-5 | 5.0 | **3.0** | ND | **2.6** |
| trans-1,3-Dichloropropene | 10061-02-6 | 0.4 | ND | ND | ND |
| Trichloroethene | 79-01-6 | 5.0 | **53** | **5.1** | **81** |
| Trichlorofluoromethane | 75-69-4 | 5.0 | ND | ND | ND |
| Vinyl chloride | 75-01-4 | 2.0 | ND | ND | **3.8** |
| Xylenes, Total | 1330-20-7 | 5.0 | ND | ND | ND |

**Notes:**

Groundwater samples analyzed at TestAmerica Laboratories in Amherst, New York.

*: New York State Department of Environmental Conservation (NYSDEC) Groundwater (GW) Standard, Technical and Operational Guidance Series (TOGS) 1.1.1, 2004.

ug/L: micrograms per liter

ND: The analyte was not detected.

NS: No standard available.

J: Result is less than the reporting limit but greater than or equal to the method detection limit.

Shaded and **bold** value indicates that the concentration was detected above the comparison standard.

**TABLE 4**
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**
**ANNUAL SAMPLING FROM MONITORING WELLS**

WALGREEN COMPANY STORE 02077
10 EAST CHESTER STREET
KINGSTON, NEW YORK

| COMPOUND (µg/L) | CAS # | NYS GW Standard* (µg/L) | MW-1 10/13/2014 | MW-2 10/13/2014 | MW-3 10/13/2014 | MW-4 (Duplicate of MW-3) 10/13/2014 |
|---|---|---|---|---|---|---|
| **Volatile Organic Compounds - EPA 8260 C** | | | | | | |
| 1,1,1-Trichloroethane | 71-55-6 | 5.0 | ND (0.82) | ND (0.82) | ND (16) | ND (16) |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | 5.0 | ND (0.21) | ND (0.21) | ND (4.2) | ND (4.2) |
| 1,1,2-Trichloroethane | 79-00-5 | 1.0 | ND (0.23) | ND (0.23) | ND (4.6) | ND (4.6) |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 76-13-1 | 1.0 | ND (0.31) | ND (0.31) | ND (6.2) | ND (6.2) |
| 1,1-Dichloroethane | 75-34-3 | 5.0 | ND (0.38) | ND (0.38) | ND (7.6) | ND (7.6) |
| 1,1-Dichloroethene | 75-35-4 | 5.0 | ND (0.29) | ND (0.29) | ND (5.8) | ND (5.8) |
| 1,2,4-Trichlorobenzene | 120-82-1 | 5.0 | ND (0.41) | ND (0.41) | ND (8.2) | ND (8.2) |
| 1,2-Dibromo-3-Chloropropane | 96-12-8 | 0.04 | ND (0.39) | ND (0.39) | ND (7.8) | ND (7.8) |
| 1,2-Dibromoethane | 106-93-4 | 0.0006 | ND (0.73) | ND (0.73) | ND (15) | ND (15) |
| 1,2-Dichlorobenzene | 95-50-1 | 3.0 | ND (0.79) | ND (0.79) | ND (16) | ND (16) |
| 1,2-Dichloroethane | 107-06-2 | 0.6 | **0.65 J** | **0.29 J** | ND (4.2) | ND (4.2) |
| 1,2-Dichloropropane | 78-87-5 | 1.0 | ND (0.72) | ND (0.72) | ND (14) | ND (14) |
| 1,3-Dichlorobenzene | 541-73-1 | 3.0 | ND (0.78) | ND (0.78) | ND (16) | ND (16) |
| 1,4-Dichlorobenzene | 106-46-7 | 3.0 | ND (0.84) | ND (0.84) | ND (17) | ND (17) |
| 2-Hexanone | 591-78-6 | [50] | ND (1.2) | ND (1.2) | ND (25) | ND (25) |
| 2-Butanone (MEK) | 78-93-3 | [50] | ND (1.3) | ND (1.3) | ND (26) | ND (26) |
| 4-Methyl-2-pentanone (MIBK) | 108-10-1 | NS | ND (2.1) | ND (2.1) | ND (42) | ND (42) |
| Acetone | 67-64-1 | [50] | ND (3.0) | ND (3.0) | ND (60) | ND (60) |
| Benzene | 71-43-2 | 1.0 | **1.5** | ND (0.41) | ND (8.2) | ND (8.2) |
| Bromodichloromethane | 75-27-4 | [50] | ND (0.39) | ND (0.39) | ND (7.8) | ND (7.8) |
| Bromoform | 75-25-2 | [50] | ND (0.26) | ND (0.26) | ND (5.2) | ND (5.2) |
| Bromomethane | 74-83-9 | 5.0 | ND (0.69) | ND (0.69) | ND (14) | ND (14) |
| Carbon disulfide | 75-15-0 | [60] | ND (0.19) | ND (0.19) | ND (3.8) | ND (3.8) |
| Carbon tetrachloride | 56-23-5 | 5.0 | ND (0.27) | ND (0.27) | ND (5.4) | ND (5.4) |
| Chlorobenzene | 108-90-7 | 5.0 | ND (0.75) | ND (0.75) | ND (15) | ND (15) |
| Dibromochloromethane | 124-48-1 | [50] | ND (0.32) | ND† (0.32) | ND† (6.4) | ND (6.4) |
| Chloroethane | 75-00-3 | 5.0 | ND (0.32) | ND (0.32) | ND (6.4) | ND (6.4) |
| Chloroform | 67-66-3 | 7.0 | ND (0.34) | ND (0.34) | ND (6.8) | ND (6.8) |
| Chloromethane | 74-87-3 | 5.0 | ND (0.35) | ND (0.35) | ND (7.0) | ND (7.0) |
| cis-1,2-Dichloroethene | 156-59-2 | 5.0 | **2.9** | **4.2** | ND (16) | ND (16) |
| cis-1,3-Dichloropropene | 10061-01-5 | 0.4 | ND (0.36) | ND (0.36) | ND (7.2) | ND (7.2) |

**TABLE 4**
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**
**ANNUAL SAMPLING FROM MONITORING WELLS**

WALGREEN COMPANY STORE 02077
10 EAST CHESTER STREET
KINGSTON, NEW YORK

| COMPOUND (µg/L) | CAS # | NYS GW Standard* (µg/L) | MW-1 10/13/2014 | MW-2 10/13/2014 | MW-3 10/13/2014 | MW-4 (Duplicate of MW-3) 10/13/2014 |
|---|---|---|---|---|---|---|
| Cyclohexane | 110-82-7 | NS | **1.3** | **56** | ND (3.6) | ND (3.6) |
| Dichlorodifluoromethane | 75-71-8 | 5.0 | ND† (0.68) | ND (0.68) | ND (14) | ND† (14) |
| Ethylbenzene | 100-41-4 | 5.0 | **18** | **4.1** | ND (15) | ND (15) |
| Isopropylbenzene | 98-82-8 | 5.0 | **2.6** | **16** | ND (16) | ND (16) |
| Methyl acetate | 79-20-9 | NS | ND (0.50) | ND (0.50) | ND (10) | ND (10) |
| Methyl tert-butyl ether | 1634-04-4 | [10] | ND (0.16) | ND (0.16) | ND (3.2) | ND (3.2) |
| Methylcyclohexane | 108-87-2 | NS | **1.2** | **52** | ND (3.2) | ND (3.2) |
| Methylene Chloride | 75-09-2 | 5.0 | ND (0.44) | ND (0.44) | ND (8.8) | ND (8.8) |
| Styrene | 100-42-5 | 5.0 | ND (0.73) | ND (0.73) | ND (15) | ND (15) |
| Tetrachloroethene | 127-18-4 | 5.0 | ND (0.36) | ND (0.36) | **1,200** | **1,100** |
| Toluene | 108-88-3 | 5.0 | **13** | ND (0.51) | ND (10) | ND (10) |
| trans-1,2-Dichloroethene | 156-60-5 | 5.0 | ND (0.90) | ND (0.90) | ND (18) | ND (18) |
| trans-1,3-Dichloropropene | 10061-02-6 | 0.4 | ND (0.37) | ND (0.37) | ND (7.4) | ND (7.4) |
| Trichloroethene | 79-01-6 | 5.0 | ND (0.46) | ND (0.46) | ND (9.2) | ND (9.2) |
| Trichlorofluoromethane | 75-69-4 | 5.0 | ND (0.88) | ND (0.88) | ND (18) | ND (18) |
| Vinyl chloride | 75-01-4 | 2.0 | ND (0.90) | ND (0.90) | ND (18) | ND (18) |
| Xylenes, Total | 1330-20-7 | 5.0 | **62** | **5.6** | ND (13) | ND (13) |

Notes

Groundwater samples analyzed by TestAmerica Laboratories in Buffalo, NY.

ND ( ): The compound was not detected at the indicated concentration. Method Detection Limit (MDL) is shown.

Bold values indicate concentrations detected above the reporting limit.

Bold and shaded values indicate concentrations above the comparison standard.

µg/L: micrograms per liter

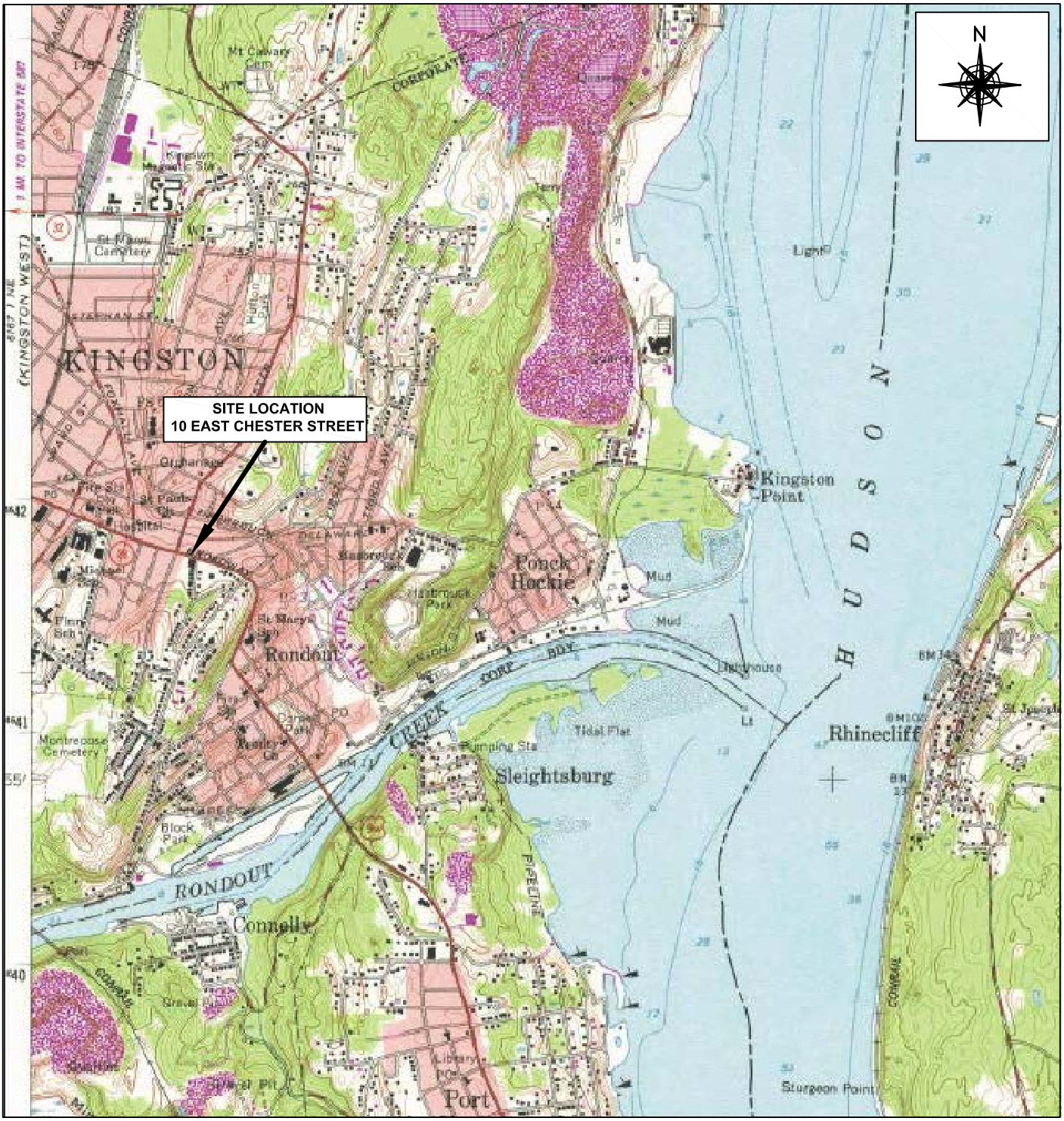
*: New York State Department of Environmental Conservation (NYSDEC) Groundwater (GW) Standard Technical and Operational Guidance Series (TOGS) 1.1.1, 2004.

[ ]: Indicates a Guidance Value.

J: Indicates an estimated value that is less than the quantitation limit but greater than the method detection limit.

†: The laboratory control sample was recovered outside of the control limits.

# FIGURES




TARGET QUAD
NAME: KINGSTON EAST
MAP YEAR: 1980
PHOTO REVISED FROM: 1963
SERIES: 7.5
SCALE: 1:24000

SITE NAME: 10 EAST CHESTER STREET
ADRESS: 10 EAST CHESTER STREET
KINGSTON , NEW YORK 12401
LAT/LONG: 41.926/-73.9918

Title: SITE LOCATION MAP

Location: 10 EAST CHESTER STREET
KINGSTON, NEW YORK 12401

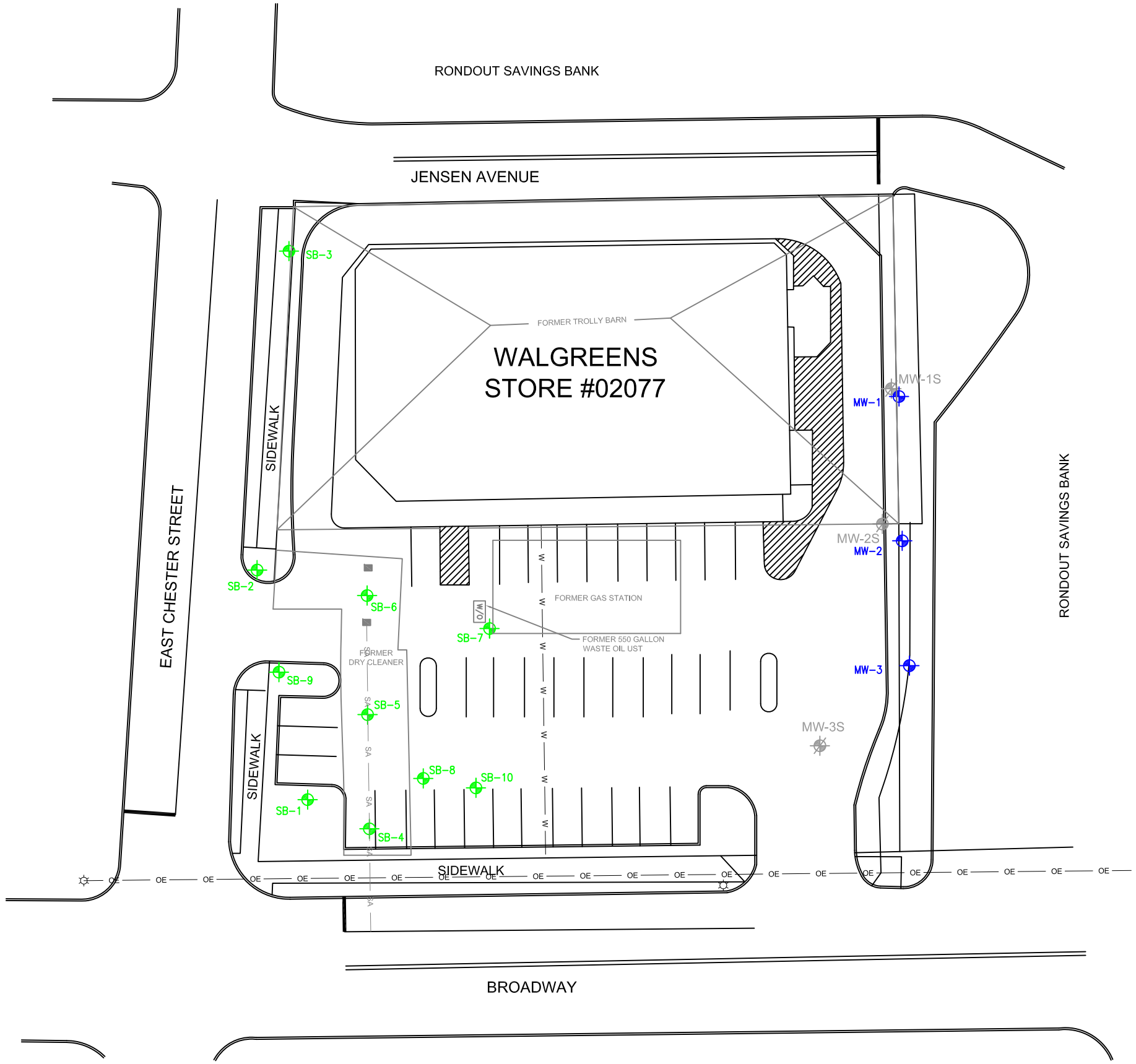
Client: WALGREENS STORE #02077

URS Corporation
3 Corporate Drive, Suite 203
Clifton Park, New York 12065

| Drafter: CLS | Date: December 2014 |
|---|---|
| Drg. Size: 8.5 x 11 | Job No.: 25368188 |

**FIGURE 1**

J:\25368188 Walgreens Kingston, NY\2012\figures\KINGSTON — FIGURE1 SITE LOCATION MAP.dwg User: carrie_szczepanski Dec 17, 2014 - 3:10pm




LEGEND:

- CURB
- ABANDONED MONITORING WELL LOCATION
- MONITORING WELL LOCATION
- STREET LIGHT
- OVERHEAD ELECTRIC
- WATER LINE
- FORMER SEWER LINE
- FORMER FLOOR DRAIN
- SOIL BORING LOCATION
- FORMER 550 GALLON WASTE OIL UST

NOTE: LOCATIONS OF KNOWN UTILITIES ARE APPROXIMATE

0 15 30 60

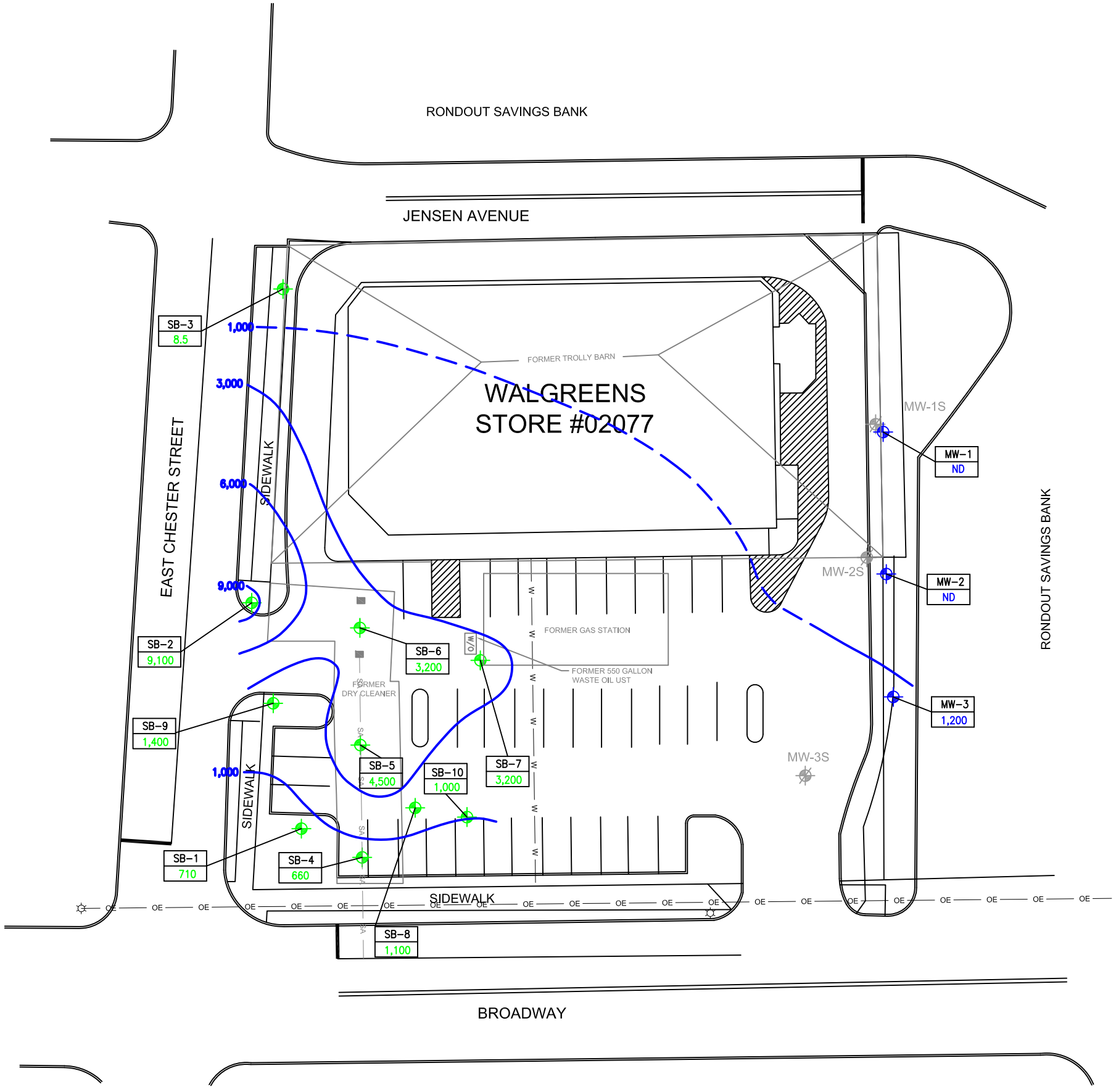
SCALE IN FEET

| | |
|---|---|
| Title: | SOIL BORING LOCATIONS |
| Location: | 10 EAST CHESTER STREET<br>KINGSTON, NEW YORK 12401 |
| Client: | WALGREENS STORE #02077 |

URS Corporation
3 Corporate Drive, Suite 203
Clifton Park, New York 12065

| | |
|---|---|
| Drafter: CLS | Date: December 2014 |
| Drg. Size: 11 x 17 | Job No.: 25368188 |

**FIGURE 2**




LEGEND:

- CURB
- ABANDONED MONITORING WELL LOCATION
- MONITORING WELL LOCATION
- STREET LIGHT
- OVERHEAD ELECTRIC
- WATER LINE
- FORMER SEWER LINE
- FORMER FLOOR DRAIN
- SOIL BORING LOCATION
- W/O FORMER 550 GALLON WASTE OIL UST
- 1,000 CONCENTRATION CONTOUR (µg/L)

NOTE: LOCATIONS OF KNOWN UTILITIES ARE APPROXIMATE

* Concentrations reported in micrograms per liter (µg/L)

0 15 30 60

SCALE IN FEET

Title: TETRACHLOROETHENE CONCENTRATIONS IN GROUNDWATER

Location: 10 EAST CHESTER STREET KINGSTON, NEW YORK 12401

Client: WALGREENS STORE #02077

URS Corporation
3 Corporate Drive, Suite 203
Clifton Park, New York 12065

| Drafter: CLS | Date: January 2015 |
|---|---|
| Drg. Size: 11 x 17 | Job No.: 25368188 |

**FIGURE 3**

PLOTTED: January 23, 2015 BY: Szczepanski, Carrie CTB USED: C:\Users\carrie_szczepanski\appdata\roaming\autodesk\autocad 2010\r18.0\enu\plotters\plot Styles\04-NEW B & G.ctb PAPER SPACE TAB: FIGURE 3 DWG PATH: J:\25368188 Walgreens Kingston, NY\2012\figures\KINGSTON - FIGURE Contour.dwg

# APPENDICES

# APPENDIX A

## Soil Boring Logs

# URS Corporation Soil Boring Log

| PROJECT INFORMATION | | SOIL BORING INFORMATION | | | |
|---|---|---|---|---|---|
| **Project:** | Walgreens Store 02077 | **Boring/Well ID:** | SB-1 | **Depth to GW:** | 9' |
| **Address:** | 10 East Chester Street, Kingston, NY 12401 | **Sheet:** | 1 of 1 | **Borehole Depth:** | 10' |
| **Client:** | Walgreen Company | **Date Started:** | 10/14/2014 | **Geologist:** | M. Kuzia-Carmel |
| **Project No:** | 25368188.00002 | **Date Finished:** | 10/14/2014 | **Reviewed By:** | J. Gillies |
| **NYSDEC Spill No:** | BCP Site No. C356032 | **Borehole Dia:** | 3.25" | | |

| DRILLING INFORMATION | | GROUNDWATER SAMPLING TECHNIQUE |
|---|---|---|
| **Drilling Company:** | Zebra Environmental Services | Dual-tube sampling equipment was advanced five-feet into the water table. A stainless steel screen was placed into the hole through the dual-tube casing. A grab groundwater sample was collected using dedicated tubing and a foot valve. Purged 0.75 gallons prior to sampling. |
| **Driller:** | Joe Hutchins, Matt Ednie | |
| **Drilling Method:** | Geoprobe GP-24 - Direct Push, Dual Tube Casing | |
| **Sampler:** | 1.5" Dia. Macrocore | |
| **Sampler Length:** | 5' | |

| DEPTH (FT) | SAMPLE STRATA | SAMPLE REC | SAMPLE BLOWS PER 6" | USCS | PID (ppm) | Color | DESCRIPTION MATERIAL DESCRIPTION | WELL CONSTRUCTION DIAGRAM | DEPTH (FT) |
|---|---|---|---|---|---|---|---|---|---|
| 0 | | 31/60 | | SM | 0.4 | Brown | 0-4' - SAND: Fine-grained sand with silt, some fine angular gravel, moist, no staining, no odor. | | 0 |
| | | | | | 1.0 | | | | |
| 5 | | | | SW | 0.7 | | 4-5' - SAND: Medium to fine-grained sand, no staining, no odor. | | 5 |
| | | 35/60 | | SW | 0.6 | Brown | 5-8' - SAND: SAA, no staining, no odor. | | |
| ▼ | | | | | 1.0 | | 8-10' - SAND: SAA, trace silt. Water table at 9'. Staining and odor observed in saturated soil. 2 inches of stained soil at bottom of interval. | | |
| 10 | | | | | 1,901 | | | | 10 |
| 15 | | | | | | | | | 15 |
| 20 | | | | | | | | | 20 |
| 25 | | | | | | | | | 25 |
| 30 | | | | | | | | | 30 |
| 35 | | | | | | | | | 35 |

**SAMPLES COLLECTED:** Soil samples SB-1 (0-2'), (2-4'), (4-6'), (6-8'), and (8-9') and grab groundwater sample SB-1 from the interval 9-14' were collected and sent to TestAmerica Laboratories, Inc. (TestAmerica) of Amherst, NY for analysis of TCL VOCs by EPA Method 8260C.

**COMMENTS:** Matrix Spike (MS - 10/14/14) and Matrix Spike Duplicate (MSD - 10/14/14) collected from parent sample SB-1 (4-6').

**LEGEND:**

- Sand (G.S. #200 - #4 sieve)
- Gravel (G.S. #4 sieve - 3/4")
- Cobble (G.S. >3")
- Silt (G.S. <#200 sieve)
- Clay (G.S. <#200 sieve)
- Peat/Organic Soils
- Cement/Bentonite Grout
- Seal
- Fill Material/RCA
- water table

SAA: Same As Above
NA: Not Applicable
PID: Photo-ionization Detector
G.S.: Grain Size
EOB: End of Boring

ppm: parts per million
ft: feet
ND: Not Determined
NAPL: Non-Aqueous Phase Liquid

# URS Corporation Soil Boring Log

| PROJECT INFORMATION | | SOIL BORING INFORMATION | | | |
|---|---|---|---|---|---|
| **Project:** | Walgreens Store 02077 | **Boring/Well ID:** | SB-2 | **Depth to GW:** | 9' |
| **Address:** | 10 East Chester Street, Kingston, NY 12401 | **Sheet:** | 1 of 1 | **Borehole Depth:** | 10' |
| **Client:** | Walgreen Company | **Date Started:** | 10/14/2014 | **Geologist:** | M. Kuzia-Carmel |
| **Project No:** | 25368188.00002 | **Date Finished:** | 10/14/2014 | **Reviewed By:** | J. Gillies |
| **NYSDEC Spill No:** | BCP Site No. C356032 | **Borehole Dia:** | 3.25" | | |

| DRILLING INFORMATION | | GROUNDWATER SAMPLING TECHNIQUE |
|---|---|---|
| **Drilling Company:** | Zebra Environmental Services | Dual-tube sampling equipment was advanced five-feet into the water table. A stainless steel screen was placed into the hole through the dual-tube casing. A grab groundwater sample was collected using dedicated tubing and a foot valve. Purged 0.75 gallons prior to sampling. |
| **Driller:** | Joe Hutchins, Matt Ednie | |
| **Drilling Method:** | Geoprobe GP-24 - Direct Push, Dual Tube Casing | |
| **Sampler:** | 1.5" Dia. Macrocore | |
| **Sampler Length:** | 5' | |

| DEPTH (FT) | SAMPLE STRATA | SAMPLE REC | SAMPLE BLOWS PER 6" | USCS | PID (ppm) | Color | DESCRIPTION MATERIAL DESCRIPTION | WELL CONSTRUCTION DIAGRAM | DEPTH (FT) |
|---|---|---|---|---|---|---|---|---|---|
| 0 | | 36/60 | | SM | 0.0 | Brown | 0-0.5' - Topsoil. | | 0 |
| | | | | | 0.0 | | 0.5-5' - SAND: Fine-grained sand, with silt, some angular gravel, no staining, no odor. | | |
| 5 | | | | | 0.0 | | | | 5 |
| | | 50/60 | | SM | | Brown | 5-6' - SAND: Medium-grained sand, with angular gravel, no staining, no odor. | | |
| | | | | SW | 0.0 | | 6-10' - SAND: Medium-grained sand. Water table observed at approximately 9', no staining, no odor. | | |
| ▼ | | | | | 0.0 | | | | |
| 10 | | | | | N/A | | | | 10 |
| 15 | | | | | | | | | 15 |
| 20 | | | | | | | | | 20 |
| 25 | | | | | | | | | 25 |
| 30 | | | | | | | | | 30 |
| 35 | | | | | | | | | 35 |

**SAMPLES COLLECTED:** Soil samples SB-2 (0-2'), (2-4'), (4-6'), (6-8'), and (8-9') and grab groundwater sample SB-2 from the interval 9-14' were collected and sent to TestAmerica Laboratories, Inc. (TestAmerica) of Amherst, NY for analysis of TCL VOCs by EPA Method 8260C.

**COMMENTS:**

**LEGEND:**

- Sand (G.S. #200 - #4 sieve)
- Gravel (G.S. #4 sieve - 3/4")
- Cobble (G.S. >3")
- Silt (G.S. <#200 sieve)
- Clay (G.S. <#200 sieve)
- Peat/Organic Soils
- Cement/Bentonite Grout
- Seal
- Fill Material/RCA
- water table

SAA: Same As Above
NA: Not Applicable
PID: Photo-ionization Detector
G.S.: Grain Size
EOB: End of Boring

ppm: parts per million
ft: feet
ND: Not Determined
NAPL: Non-Aqueous Phase Liquid

# URS Corporation Soil Boring Log

| PROJECT INFORMATION | | SOIL BORING INFORMATION | | | |
|---|---|---|---|---|---|
| **Project:** | Walgreens Store 02077 | **Boring/Well ID:** | SB-3 | **Depth to GW:** | 8' |
| **Address:** | 10 East Chester Street, Kingston, NY 12401 | **Sheet:** | 1 of 1 | **Borehole Depth:** | 10' |
| **Client:** | Walgreen Company | **Date Started:** | 10/14/2014 | **Geologist:** | M. Kuzia-Carmel |
| **Project No:** | 25368188.00002 | **Date Finished:** | 10/14/2014 | **Reviewed By:** | J. Gillies |
| **NYSDEC Spill No:** | BCP Site No. C356032 | **Borehole Dia:** | 3.25" | | |

| DRILLING INFORMATION | | GROUNDWATER SAMPLING TECHNIQUE |
|---|---|---|
| **Drilling Company:** | Zebra Environmental Services | Dual-tube sampling equipment was advanced five-feet into the water table. A stainless steel screen was placed into the hole through the dual-tube casing. A grab groundwater sample was collected using dedicated tubing and a foot valve. Purged 0.75 gallons prior to sampling. |
| **Driller:** | Joe Hutchins, Matt Ednie | |
| **Drilling Method:** | Geoprobe GP-24 - Direct Push, Dual Tube Casing | |
| **Sampler:** | 1.5" Dia. Macrocore | |
| **Sampler Length:** | 5' | |

| DEPTH (FT) | SAMPLE STRATA | SAMPLE REC | SAMPLE BLOWS PER 6" | DESCRIPTION USCS | DESCRIPTION PID (ppm) | DESCRIPTION Color | DESCRIPTION MATERIAL DESCRIPTION | WELL CONSTRUCTION DIAGRAM | DEPTH (FT) |
|---|---|---|---|---|---|---|---|---|---|
| 0 | | 18/60 | | SM | 0.0 | Brown | 0-5' - SAND: Fine-grained sand, with silt, with fine angular gravel, moist, no staining, no odor. | | 0 |
| | | | | | 0.0 | | | | |
| 5 | | | | | 0.0 | | | | 5 |
| | | 31/60 | | SM | | Brown | 5-6' - SAND: SAA, no staining, no odor. | | |
| | | | | SW | 0.0 | Light Brown/Gray | 6-10' - SAND: Fine to medium-grained sand, trace silt. Water table observed at approximately 8', no staining, no odor. | | |
| ▼ 10 | | | | | N/A | | | | 10 |
| 15 | | | | | | | | | 15 |
| 20 | | | | | | | | | 20 |
| 25 | | | | | | | | | 25 |
| 30 | | | | | | | | | 30 |
| 35 | | | | | | | | | 35 |

**SAMPLES COLLECTED:** Soil samples SB-3 (0-2'), (2-4'), (4-6'), and (6-8') and grab groundwater sample SB-3 from the interval 8-13' were collected and sent to TestAmerica Laboratories, Inc. (TestAmerica) of Amherst, NY for analysis of TCL VOCs by EPA Method 8260C.

**COMMENTS:** Duplicate soil sample SB-2(10-12') collected from parent sample SB-3(6-8').

**LEGEND:**

- Sand (G.S. #200 - #4 sieve)
- Gravel (G.S. #4 sieve - 3/4")
- Cobble (G.S. >3")
- Silt (G.S. <#200 sieve)
- Clay (G.S. <#200 sieve)
- Peat/Organic Soils
- Cement/Bentonite Grout
- Seal
- Fill Material/RCA
- water table

SAA: Same As Above
NA: Not Applicable
PID: Photo-ionization Detector
G.S.: Grain Size
EOB: End of Boring

ppm: parts per million
ft: feet
ND: Not Determined
NAPL: Non-Aqueous Phase Liquid

# URS Corporation Soil Boring Log

| PROJECT INFORMATION | | SOIL BORING INFORMATION | | | |
|---|---|---|---|---|---|
| **Project:** | Walgreens Store 02077 | **Boring/Well ID:** | SB-4 | **Depth to GW:** | 9' |
| **Address:** | 10 East Chester Street, Kingston, NY 12401 | **Sheet:** | 1 of 1 | **Borehole Depth:** | 10' |
| **Client:** | Walgreen Company | **Date Started:** | 10/14/2014 | **Geologist:** | M. Kuzia-Carmel |
| **Project No:** | 25368188.00002 | **Date Finished:** | 10/14/2014 | **Reviewed By:** | J. Gillies |
| **NYSDEC Spill No:** | BCP Site No. C356032 | **Borehole Dia:** | 3.25" | | |

| DRILLING INFORMATION | | GROUNDWATER SAMPLING TECHNIQUE |
|---|---|---|
| **Drilling Company:** | Zebra Environmental Services | Dual-tube sampling equipment was advanced five-feet into the water table. A stainless steel screen was placed into the hole through the dual-tube casing. A grab groundwater sample was collected using dedicated tubing and a foot valve. Purged 0.75 gallons prior to sampling. |
| **Driller:** | Joe Hutchins, Matt Ednie | |
| **Drilling Method:** | Geoprobe GP-24 - Direct Push, Dual Tube Casing | |
| **Sampler:** | 1.5" Dia. Macrocore | |
| **Sampler Length:** | 5' | |

| DEPTH (FT) | SAMPLE STRATA | SAMPLE REC | SAMPLE BLOWS PER 6" | USCS | PID (ppm) | Color | DESCRIPTION MATERIAL DESCRIPTION | WELL CONSTRUCTION DIAGRAM | DEPTH (FT) |
|---|---|---|---|---|---|---|---|---|---|
| 0 | | | | | N/A | | 0-10" - Reinforced concrete. | | 0 |
| | | 30/48 | | SM | 1.8 | Brown | 10"-5' - SAND: Fine-grained sand, with silt, some angular gravel, some brick fill material, no staining, no odor. | | |
| 5 | | | | | 1.4 | | | | 5 |
| | | 50/60 | | SM | 0.3 | Brown | 5-6' - SAND: SAA, no staining, no odor. | | |
| | | | | SW | 1.3 | Brown | 6-10' - SAND: Fine to medium-grained sand. Water table observed at approximately 9'. Staining and odor observed in saturated soil. 1 inche of stained soil at bottom of interval. | | |
| ▼ 10 | | | | | 315 | Gray | | | 10 |
| 15 | | | | | | | | | 15 |
| 20 | | | | | | | | | 20 |
| 25 | | | | | | | | | 25 |
| 30 | | | | | | | | | 30 |
| 35 | | | | | | | | | 35 |

**SAMPLES COLLECTED:** Soil samples SB-4 (1-3'), (3-5'), (5-7'), and (7-9') and grab groundwater sample SB-4 from the interval 9-14' were collected and sent to TestAmerica Laboratories, Inc. (TestAmerica) of Amherst, NY for analysis of TCL VOCs by EPA Method 8260C.

**COMMENTS:**

**LEGEND:**

- Sand (G.S. #200 - #4 sieve)
- Gravel (G.S. #4 sieve - 3/4")
- Cobble (G.S. >3")
- Silt (G.S. <#200 sieve)
- Clay (G.S. <#200 sieve)
- Peat/Organic Soils
- Cement/Bentonite Grout
- Seal
- Fill Material/RCA
- water table

SAA: Same As Above
NA: Not Applicable
PID: Photo-ionization Detector
G.S.: Grain Size
EOB: End of Boring

ppm: parts per million
ft: feet
ND: Not Determined
NAPL: Non-Aqueous Phase Liquid

# URS Corporation Soil Boring Log

| PROJECT INFORMATION | | SOIL BORING INFORMATION | | | |
|---|---|---|---|---|---|
| **Project:** | Walgreens Store 02077 | **Boring/Well ID:** | SB-5 | **Depth to GW:** | 9' |
| **Address:** | 10 East Chester Street, Kingston, NY 12401 | **Sheet:** | 1 of 1 | **Borehole Depth:** | 10' |
| **Client:** | Walgreen Company | **Date Started:** | 10/14/2014 | **Geologist:** | M. Kuzia-Carmel |
| **Project No:** | 25368188.00002 | **Date Finished:** | 10/14/2014 | **Reviewed By:** | J. Gillies |
| **NYSDEC Spill No:** | BCP Site No. C356032 | **Borehole Dia:** | 3.25" | | |

| DRILLING INFORMATION | | GROUNDWATER SAMPLING TECHNIQUE |
|---|---|---|
| **Drilling Company:** | Zebra Environmental Services | Dual-tube sampling equipment was advanced five-feet into the water table. A stainless steel screen was placed into the hole through the dual-tube casing. A grab groundwater sample was collected using dedicated tubing and a foot valve. Purged 1 gallon prior to sampling. |
| **Driller:** | Joe Hutchins, Matt Ednie | |
| **Drilling Method:** | Geoprobe GP-24 - Direct Push, Dual Tube Casing | |
| **Sampler:** | 1.5" Dia. Macrocore | |
| **Sampler Length:** | 5' | |

| DEPTH (FT) | SAMPLE STRATA | REC | BLOWS PER 6" | USCS | PID (ppm) | Color | DESCRIPTION MATERIAL DESCRIPTION | WELL CONSTRUCTION DIAGRAM | DEPTH (FT) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | N/A | | 0-8" - Reinforced concrete. | | |
| | | 33/48 | | SM | 3.1 | Brown | 8"-5' - SAND: Fine-grained sand, with silt, some angular gravel, some brick fill material, no staining, no odor. | | |
| 5 | | | | | 5.8 | | | | 5 |
| | | 40/60 | | SM | 3.1 | Brown | 5-6' - SAND: SAA, no staining, no odor. | | |
| | | | | SW | 1.8 | Light Brown/Gray | 6-10' - SAND: Fine to medium-grained sand, some silt. Water table observed at approximately 9'. No staining, no odor. | | |
| ▼ 10 | | | | | 10.0 | | | | 10 |
| 15 | | | | | | | | | 15 |
| 20 | | | | | | | | | 20 |
| 25 | | | | | | | | | 25 |
| 30 | | | | | | | | | 30 |
| 35 | | | | | | | | | 35 |

**SAMPLES COLLECTED:** Soil samples SB-5 (1-3'), (3-5'), (5-7'), and (7-9') and grab groundwater sample SB-5 from the interval 9-14' were collected and sent to TestAmerica Laboratories, Inc. (TestAmerica) of Amherst, NY for analysis of TCL VOCs by EPA Method 8260C.

**COMMENTS:** Matrix Spike (MS2-10/14/14) and Matrix Spike Duplicate (MSD2-10/14/14) collected from parent sample SB-5 (7-9').

**LEGEND:**

- Sand (G.S. #200 - #4 sieve)
- Gravel (G.S. #4 sieve - 3/4")
- Cobble (G.S. >3")
- Silt (G.S. <#200 sieve)
- Clay (G.S. <#200 sieve)
- Peat/Organic Soils
- Cement/Bentonite Grout
- Seal
- Fill Material/RCA
- water table

SAA: Same As Above
NA: Not Applicable
PID: Photo-ionization Detector
G.S.: Grain Size
EOB: End of Boring

ppm: parts per million
ft: feet
ND: Not Determined
NAPL: Non-Aqueous Phase Liquid

# URS Corporation Soil Boring Log

| PROJECT INFORMATION | | SOIL BORING INFORMATION | | | |
|---|---|---|---|---|---|
| **Project:** | Walgreens Store 02077 | **Boring/Well ID:** | SB-6 | **Depth to GW:** | 9' |
| **Address:** | 10 East Chester Street, Kingston, NY 12401 | **Sheet:** | 1 of 1 | **Borehole Depth:** | 10' |
| **Client:** | Walgreen Company | **Date Started:** | 10/14/2014 | **Geologist:** | M. Kuzia-Carmel |
| **Project No:** | 25368188.00002 | **Date Finished:** | 10/14/2014 | **Reviewed By:** | J. Gillies |
| **NYSDEC Spill No:** | BCP Site No. C356032 | **Borehole Dia:** | 3.25" | | |

| DRILLING INFORMATION | | GROUNDWATER SAMPLING TECHNIQUE |
|---|---|---|
| **Drilling Company:** | Zebra Environmental Services | Dual-tube sampling equipment was advanced five-feet into the water table. A stainless steel screen was placed into the hole through the dual-tube casing. A grab groundwater sample was collected using dedicated tubing and a foot valve. Purged 0.75 gallons prior to sampling. |
| **Driller:** | Joe Hutchins, Matt Ednie | |
| **Drilling Method:** | Geoprobe GP-24 - Direct Push, Dual Tube Casing | |
| **Sampler:** | 1.5" Dia. Macrocore | |
| **Sampler Length:** | 5' | |

| DEPTH (FT) | SAMPLE STRATA | SAMPLE REC | SAMPLE BLOWS PER 6" | USCS | PID (ppm) | Color | DESCRIPTION MATERIAL DESCRIPTION | WELL CONSTRUCTION DIAGRAM | DEPTH (FT) |
|---|---|---|---|---|---|---|---|---|---|
| 0 | | | | | N/A | | 0-10" - Reinforced concrete. | | 0 |
| | | 27/48 | | SM | 0.1 | Brown/Gray | 10"-5' - SAND: Fine-grained sand, some silt, with angular gravel, no staining, no odor. | | |
| 5 | | | | | 0.3 | | | | 5 |
| | | 40/60 | | SM | 0.4 | Brown/Gray | 5-6' - SAND: SAA, no staining, no odor. | | |
| | | | | SW | 0.2 | | 6-10' - SAND: Fine to medium-grained sand, trace silt. Water table observed at approximately 9'. No staining, no odor. | | |
| ▼ 10 | | | | | 2.0 | | | | 10 |
| 15 | | | | | | | | | 15 |
| 20 | | | | | | | | | 20 |
| 25 | | | | | | | | | 25 |
| 30 | | | | | | | | | 30 |
| 35 | | | | | | | | | 35 |

**SAMPLES COLLECTED:** Soil samples SB-6 (1-3'), (3-5'), (5-7'), and (7-9') and grab groundwater sample SB-6 from the interval 9-14' were collected and sent to TestAmerica Laboratories, Inc. (TestAmerica) of Amherst, NY for analysis of TCL VOCs by EPA Method 8260C.

**COMMENTS:**

**LEGEND:**

- Sand (G.S. #200 - #4 sieve)
- Gravel (G.S. #4 sieve - 3/4")
- Cobble (G.S. >3")
- Silt (G.S. <#200 sieve)
- Clay (G.S. <#200 sieve)
- Peat/Organic Soils
- Cement/Bentonite Grout
- Seal
- Fill Material/RCA
- water table

SAA: Same As Above
NA: Not Applicable
PID: Photo-ionization Detector
G.S.: Grain Size
EOB: End of Boring

ppm: parts per million
ft: feet
ND: Not Determined
NAPL: Non-Aqueous Phase Liquid

# URS Corporation Soil Boring Log

| PROJECT INFORMATION | | SOIL BORING INFORMATION | | | |
|---|---|---|---|---|---|
| **Project:** | Walgreens Store 02077 | **Boring/Well ID:** | SB-7 | **Depth to GW:** | 9' |
| **Address:** | 10 East Chester Street, Kingston, NY 12401 | **Sheet:** | 1 of 1 | **Borehole Depth:** | 10' |
| **Client:** | Walgreen Company | **Date Started:** | 10/15/2014 | **Geologist:** | M. Kuzia-Carmel |
| **Project No:** | 25368188.00002 | **Date Finished:** | 10/15/2014 | **Reviewed By:** | J. Gillies |
| **NYSDEC Spill No:** | BCP Site No. C356032 | **Borehole Dia:** | 3.25" | | |

| DRILLING INFORMATION | | GROUNDWATER SAMPLING TECHNIQUE |
|---|---|---|
| **Drilling Company:** | Zebra Environmental Services | Dual-tube sampling equipment was advanced five-feet into the water table. A |
| **Driller:** | Joe Hutchins, Zach Fordley | stainless steel screen was placed into the hole through the dual-tube casing. A |
| **Drilling Method:** | Geoprobe GP-24 - Direct Push, Dual Tube Casing | grab groundwater sample was collected using dedicated tubing and a foot valve. Purged |
| **Sampler:** | 1.5" Dia. Macrocore | 2.5 gallons prior to sampling. |
| **Sampler Length:** | 5' | |

| DEPTH (FT) | SAMPLE STRATA | REC | BLOWS PER 6" | USCS | PID (ppm) | Color | DESCRIPTION MATERIAL DESCRIPTION | WELL CONSTRUCTION DIAGRAM | DEPTH (FT) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | N/A | N/A | N/A | 0-10" - Reinforced concrete. | | |
| | | 43/48 | | GP | 0.4 | Dark Brown | 10"-1.5' - GRAVEL: Fine angular gravel, trace fine-grained sand, trace silt, no odor, no staining. | | |
| | | | | SP | 0.2 | Yellow Brown | 1.5'-5' - SAND: Fine-grained sand, some silt. 1" thick gravel layer observed at approximately 3' depth. no odor, no staining. | | |
| 5 | | | | | | | | | 5 |
| | | 56/60 | | SW | 0.2 | Red Brown | 5-7' - SAND: Fine-grained sand, no odor, no staining. | | |
| | | | | | 0.3 | Light Brown | 7-10' - SAND: Medium-grained sand. Water table observed at approximately 9'. Staining and odor observed in saturated soil. | | |
| ▼ 10 | | | | | 0.7 | | 9-10' - SAND: Fine-grained sand, with silt. Saturated. Staining and odor. | | 10 |
| 15 | | | | | | | | | 15 |
| 20 | | | | | | | | | 20 |
| 25 | | | | | | | | | 25 |
| 30 | | | | | | | | | 30 |
| 35 | | | | | | | | | 35 |

**SAMPLES COLLECTED:** Soil samples SB-7 (1-3'), (3-5'), (5-7'), and (7-9') and grab groundwater sample SB-7 from the interval 9-14' were collected and sent to TestAmerica Laboratories, Inc. (TestAmerica) of Amherst, NY for analysis of TCL VOCs by EPA Method 8260C.

**COMMENTS:**

**LEGEND:**

- Sand (G.S. #200 - #4 sieve)
- Gravel (G.S. #4 sieve - 3/4")
- Cobble (G.S. >3")
- Silt (G.S. <#200 sieve)
- Clay (G.S. <#200 sieve)
- Peat/Organic Soils
- Cement/Bentonite Grout
- Seal
- Fill Material/RCA
- water table

SAA: Same As Above
NA: Not Applicable
PID: Photo-ionization Detector
G.S.: Grain Size
EOB: End of Boring

ppm: parts per million
ft: feet
ND: Not Determined
NAPL: Non-Aqueous Phase Liquid

# URS Corporation Soil Boring Log

| PROJECT INFORMATION | | SOIL BORING INFORMATION | | | |
|---|---|---|---|---|---|
| **Project:** | Walgreens Store 02077 | **Boring/Well ID:** | SB-8 | **Depth to GW:** | 8' |
| **Address:** | 10 East Chester Street, Kingston, NY 12401 | **Sheet:** | 1 of 1 | **Borehole Depth:** | 10' |
| **Client:** | Walgreen Company | **Date Started:** | 10/14/2014 | **Geologist:** | M. Kuzia-Carmel |
| **Project No:** | 25368188.00002 | **Date Finished:** | 10/14/2014 | **Reviewed By:** | J. Gillies |
| **NYSDEC Spill No:** | BCP Site No. C356032 | **Borehole Dia:** | 3.25" | | |

| DRILLING INFORMATION | | GROUNDWATER SAMPLING TECHNIQUE |
|---|---|---|
| **Drilling Company:** | Zebra Environmental Services | Dual-tube sampling equipment was advanced five-feet into the water table. A stainless steel screen was placed into the hole through the dual-tube casing. A grab groundwater sample was collected using dedicated tubing and a foot valve. Purged 1 gallon prior to sampling. |
| **Driller:** | Joe Hutchins, Matt Ednie | |
| **Drilling Method:** | Geoprobe GP-24 - Direct Push, Dual Tube Casing | |
| **Sampler:** | 1.5" Dia. Macrocore | |
| **Sampler Length:** | 5' | |

| DEPTH (FT) | SAMPLE STRATA | SAMPLE REC | SAMPLE BLOWS PER 6" | USCS | PID (ppm) | Color | DESCRIPTION MATERIAL DESCRIPTION | WELL CONSTRUCTION DIAGRAM | DEPTH (FT) |
|---|---|---|---|---|---|---|---|---|---|
| 0 | | | | N/A | N/A | | 0-10" - Reinforced concrete. | | 0 |
| | | 34/48 | | SM | 0.6 | Brown | 10"-5' - SAND: Fine-grained sand, with silt, some fine angular gravel, no staining, no odor. | | |
| 5 | | | | | 2.4 | | | | 5 |
| | | 43/60 | | SW | 1.5 | Brown | 5-10' - SAND: Fine to medium-grained sand, trace silt. Water table observed at approximately 8'. Grey discoloration of soil observed from 9-10'. | | |
| ▼ | | | | | 0.8 | | | | |
| 10 | | | | | 60.8 | Gray | | | 10 |
| 15 | | | | | | | | | 15 |
| 20 | | | | | | | | | 20 |
| 25 | | | | | | | | | 25 |
| 30 | | | | | | | | | 30 |
| 35 | | | | | | | | | 35 |

**SAMPLES COLLECTED:** Soil samples SB-8 (1-3'), (3-5'), (5-7'), and (7-8') and grab groundwater sample SB-8 from the interval 8-13' were collected and sent to TestAmerica Laboratories, Inc. (TestAmerica) of Amherst, NY for analysis of TCL VOCs by EPA Method 8260C.

**COMMENTS:** Duplicate groundwater sample (B-20), Matrix-Spike groundwater sample (MS-10/14/14), and Matrix-Spike duplicate groundwater sample (MS-10/14/14) collected from parent sample SB-8.

**LEGEND:**

- Sand (G.S. #200 - #4 sieve)
- Gravel (G.S. #4 sieve - 3/4")
- Cobble (G.S. >3")
- Silt (G.S. <#200 sieve)
- Clay (G.S. <#200 sieve)
- Peat/Organic Soils
- Cement/Bentonite Grout
- Seal
- Fill Material/RCA
- water table

SAA: Same As Above
NA: Not Applicable
PID: Photo-ionization Detector
G.S.: Grain Size
EOB: End of Boring

ppm: parts per million
ft: feet
ND: Not Determined
NAPL: Non-Aqueous Phase Liquid

# URS Corporation Soil Boring Log

| PROJECT INFORMATION | | SOIL BORING INFORMATION | | | |
|---|---|---|---|---|---|
| **Project:** | Walgreens Store 02077 | **Boring/Well ID:** | SB-9 | **Depth to GW:** | 9' |
| **Address:** | 10 East Chester Street, Kingston, NY 12401 | **Sheet:** | 1 of 1 | **Borehole Depth:** | 10' |
| **Client:** | Walgreen Company | **Date Started:** | 10/14/2014 | **Geologist:** | M. Kuzia-Carmel |
| **Project No:** | 25368188.00002 | **Date Finished:** | 10/14/2014 | **Reviewed By:** | J. Gillies |
| **NYSDEC Spill No:** | BCP Site No. C356032 | **Borehole Dia:** | 3.25" | | |

| DRILLING INFORMATION | | GROUNDWATER SAMPLING TECHNIQUE |
|---|---|---|
| **Drilling Company:** | Zebra Environmental Services | Dual-tube sampling equipment was advanced five-feet into the water table. A stainless steel screen was placed into the hole through the dual-tube casing. A grab groundwater sample was collected using dedicated tubing and a foot valve. Purged 0.75 gallons prior to sampling. |
| **Driller:** | Joe Hutchins, Matt Ednie | |
| **Drilling Method:** | Geoprobe GP-24 - Direct Push, Dual Tube Casing | |
| **Sampler:** | 1.5" Dia. Macrocore | |
| **Sampler Length:** | 5' | |

| DEPTH (FT) | SAMPLE STRATA | SAMPLE REC | SAMPLE BLOWS PER 6" | USCS | PID (ppm) | Color | DESCRIPTION MATERIAL DESCRIPTION | WELL CONSTRUCTION DIAGRAM | DEPTH (FT) |
|---|---|---|---|---|---|---|---|---|---|
| 0 | | 32/60 | | SM | 0.0 | Brown | 0-5' - SAND: Fine-grained sand, with silt, some fine angular gravel, no staining, no odor. Significant moisture observed from 0-4', no moisture observed from 4-5'. | | 0 |
| | | | | | 0.2 | | | | |
| 5 | | | | | 1.5 | | | | 5 |
| | | 40/60 | | MH | | Brown | 5-6' - SILT: Silt, some fine-grained sand, trace clay, wet, no staining, no odor. | | |
| | | | | SW | 1.3 | Light Brown | 6-10' - SAND: Fine to medium-grained sand, some silt. Water table observed at approximately 9'. No staining, no odor. | | |
| ▼ | | | | | 0.8 | Light Brown/Gray | | | |
| 10 | | | | | 8.9 | | | | 10 |
| 15 | | | | | | | | | 15 |
| 20 | | | | | | | | | 20 |
| 25 | | | | | | | | | 25 |
| 30 | | | | | | | | | 30 |
| 35 | | | | | | | | | 35 |

**SAMPLES COLLECTED:** Soil samples SB-9 (0-2'), (2-4'), (4-6'), (6-8'), and (8-9') and grab groundwater sample SB-6 from the interval 9-14' were collected and sent to TestAmerica Laboratories, Inc. (TestAmerica) of Amherst, NY for analysis of TCL VOCs by EPA Method 8260C.

**COMMENTS:** Duplicate soil sample SB-9 (10-12') collected from parent sample SB-9 (2-4').

**LEGEND:**

- Sand (G.S. #200 - #4 sieve)
- Gravel (G.S. #4 sieve - 3/4")
- Cobble (G.S. >3")
- Silt (G.S. <#200 sieve)
- Clay (G.S. <#200 sieve)
- Peat/Organic Soils
- Cement/Bentonite Grout
- Seal
- Fill Material/RCA
- water table

SAA: Same As Above
NA: Not Applicable
PID: Photo-ionization Detector
G.S.: Grain Size
EOB: End of Boring

ppm: parts per million
ft: feet
ND: Not Determined
NAPL: Non-Aqueous Phase Liquid

# URS Corporation Soil Boring Log

| PROJECT INFORMATION | | SOIL BORING INFORMATION | | | |
|---|---|---|---|---|---|
| **Project:** | Walgreens Store 02077 | **Boring/Well ID:** | SB-10 | **Depth to GW:** | 9' |
| **Address:** | 10 East Chester Street, Kingston, NY 12401 | **Sheet:** | 1 of 1 | **Borehole Depth:** | 10' |
| **Client:** | Walgreen Company | **Date Started:** | 10/15/2014 | **Geologist:** | M. Kuzia-Carmel |
| **Project No:** | 25368188.00002 | **Date Finished:** | 10/15/2014 | **Reviewed By:** | J. Gillies |
| **NYSDEC Spill No:** | BCP Site No. C356032 | **Borehole Dia:** | 3.25" | | |

| DRILLING INFORMATION | | GROUNDWATER SAMPLING TECHNIQUE |
|---|---|---|
| **Drilling Company:** | Zebra Environmental Services | Dual-tube sampling equipment was advanced five-feet into the water table. A |
| **Driller:** | Joe Hutchins, Zach Fordley | stainless steel screen was placed into the hole through the dual-tube casing. A |
| **Drilling Method:** | Geoprobe GP-24 - Direct Push, Dual Tube Casing | grab groundwater sample was collected using dedicated tubing and a foot valve. Purged |
| **Sampler:** | 1.5" Dia. Macrocore | 1.5 gallons prior to sampling. |
| **Sampler Length:** | 5' | |

| DEPTH (FT) | SAMPLE STRATA | REC | BLOWS PER 6" | USCS | PID (ppm) | Color | DESCRIPTION MATERIAL DESCRIPTION | WELL CONSTRUCTION DIAGRAM | DEPTH (FT) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | N/A | N/A | N/A | 0-10" - Reinforced concrete. | | |
| | | | | GP | 0.3 | Dark Brown | 10"-1.5' - GRAVEL: Fine angular gravel, trace fine-grained sand, trace silt, no odor, no staining. | | |
| | | 41/48 | | SW | | Brown | 1.5-5' - SAND: Medium to fine-grained sand, trace silt, no odor, no staining. | | |
| 5 | | | | | 0.0 | | | | 5 |
| | | | | | 0.3 | | 5-10' - SAND: SAA. Water table observed at approximately 9'. Staining and odor observed in saturated soil. | | |
| | | 48/60 | | SW | | Brown/Gray | | | |
| ▼ | | | | | 0.3 | | | | |
| 10 | | | | | 101 | | | | 10 |
| 15 | | | | | | | | | 15 |
| 20 | | | | | | | | | 20 |
| 25 | | | | | | | | | 25 |
| 30 | | | | | | | | | 30 |
| 35 | | | | | | | | | 35 |

**SAMPLES COLLECTED:** Soil samples SB-10 (1-3'), (3-5'), (5-7'), and (7-9') and grab groundwater sample SB-10 from the interval 9-14' were collected and sent to TestAmerica Laboratories, Inc. (TestAmerica) of Amherst, NY for analysis of TCL VOCs by EPA Method 8260C.

**COMMENTS:** Matrix Spike (MS - 10/15/14) and Matrix Spike Duplicate (MSD - 10/15/14) collected from parent sample SB-10 (5-7').
Duplicate soil sample SB-10 (9-11') collected from parent sample SB-10 (3-5').

**LEGEND:**

- Sand (G.S. #200 - #4 sieve)
- Gravel (G.S. #4 sieve - 3/4")
- Cobble (G.S. >3")
- Silt (G.S. <#200 sieve)
- Clay (G.S. <#200 sieve)
- Peat/Organic Soils
- Cement/Bentonite Grout
- Seal
- Fill Material/RCA
- water table

SAA: Same As Above
NA: Not Applicable
PID: Photo-ionization Detector
G.S.: Grain Size
EOB: End of Boring

ppm: parts per million
ft: feet
ND: Not Determined
NAPL: Non-Aqueous Phase Liquid

# APPENDIX B

## Laboratory Analytical Reports, Soil – TestAmerica

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

# ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

TestAmerica Job ID: 480-69359-1
Client Project/Site: Walgreens Site (Kingston, NY)

For:
URS Corporation
3 Corporate Drive, Suite 203
Clifton Park, New York 12065

Attn: Ms. Jennifer Gillies

*Authorized for release by:*
*10/20/2014 11:14:09 AM*
Rebecca Jones, Project Management Assistant I
rebecca.jones@testamericainc.com

Designee for

Melissa Deyo, Project Manager I
(716)504-9874
melissa.deyo@testamericainc.com

# Table of Contents

## Qualifiers

### GC/MS VOA

| Qualifier | Qualifier Description |
|---|---|
| J | Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value. |
| F1 | MS and/or MSD Recovery exceeds the control limits |

## Glossary

| Abbreviation | These commonly used abbreviations may or may not be present in this report. |
|---|---|
| ¤ | Listed under the "D" column to designate that the result is reported on a dry weight basis |
| %R | Percent Recovery |
| CFL | Contains Free Liquid |
| CNF | Contains no Free Liquid |
| DER | Duplicate error ratio (normalized absolute difference) |
| Dil Fac | Dilution Factor |
| DL, RA, RE, IN | Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample |
| DLC | Decision level concentration |
| MDA | Minimum detectable activity |
| EDL | Estimated Detection Limit |
| MDC | Minimum detectable concentration |
| MDL | Method Detection Limit |
| ML | Minimum Level (Dioxin) |
| NC | Not Calculated |
| ND | Not detected at the reporting limit (or MDL or EDL if shown) |
| PQL | Practical Quantitation Limit |
| QC | Quality Control |
| RER | Relative error ratio |
| RL | Reporting Limit or Requested Limit (Radiochemistry) |
| RPD | Relative Percent Difference, a measure of the relative difference between two points |
| TEF | Toxicity Equivalent Factor (Dioxin) |
| TEQ | Toxicity Equivalent Quotient (Dioxin) |

## Job ID: 480-69359-1

**Laboratory: TestAmerica Buffalo**

**Narrative**

**Job Narrative**
**480-69359-1**

**Receipt**
The samples were received on 10/16/2014 1:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.2º C.

**GC/MS VOA**
Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 208126 recovered above the upper control limit for 2-Butanone and 2-Hexanone. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: (CCVIS 480-208126/3).

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

# Detection Summary

Client: URS Corporation
Project/Site: Walgreens Site (Kingston, NY)

TestAmerica Job ID: 480-69359-1

## Client Sample ID: SB-10 (1-3) — Lab Sample ID: 480-69359-1

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 31 | | 13 | 2.2 | ug/Kg | 1 | ☼ | 8260C | Total/NA |
| Tetrachloroethene | 1.9 | J | 2.6 | 0.35 | ug/Kg | 1 | ☼ | 8260C | Total/NA |

## Client Sample ID: SB-10 (3-5) — Lab Sample ID: 480-69359-2

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 18 | | 13 | 2.2 | ug/Kg | 1 | ☼ | 8260C | Total/NA |
| cis-1,2-Dichloroethene | 0.41 | J | 2.6 | 0.33 | ug/Kg | 1 | ☼ | 8260C | Total/NA |
| Tetrachloroethene | 5.5 | | 2.6 | 0.35 | ug/Kg | 1 | ☼ | 8260C | Total/NA |

## Client Sample ID: SB-10 (5-7) — Lab Sample ID: 480-69359-3

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 29 | | 13 | 2.2 | ug/Kg | 1 | ☼ | 8260C | Total/NA |
| cis-1,2-Dichloroethene | 0.55 | J | 2.6 | 0.34 | ug/Kg | 1 | ☼ | 8260C | Total/NA |
| Tetrachloroethene | 3.0 | | 2.6 | 0.35 | ug/Kg | 1 | ☼ | 8260C | Total/NA |

## Client Sample ID: SB-10 (7-9) — Lab Sample ID: 480-69359-4

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Tetrachloroethene | 0.67 | J | 2.6 | 0.36 | ug/Kg | 1 | ☼ | 8260C | Total/NA |

## Client Sample ID: SB-7 (1-3) — Lab Sample ID: 480-69359-5

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 9.5 | J | 13 | 2.2 | ug/Kg | 1 | ☼ | 8260C | Total/NA |
| Benzene | 0.19 | J | 2.7 | 0.13 | ug/Kg | 1 | ☼ | 8260C | Total/NA |

## Client Sample ID: SB-7 (3-5) — Lab Sample ID: 480-69359-6

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Tetrachloroethene | 1.5 | J | 2.6 | 0.34 | ug/Kg | 1 | ☼ | 8260C | Total/NA |

## Client Sample ID: SB-7 (5-7) — Lab Sample ID: 480-69359-7

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 16 | | 12 | 2.1 | ug/Kg | 1 | ☼ | 8260C | Total/NA |
| Tetrachloroethene | 0.98 | J | 2.5 | 0.33 | ug/Kg | 1 | ☼ | 8260C | Total/NA |

## Client Sample ID: SB-7 (7-9) — Lab Sample ID: 480-69359-8

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 41 | | 14 | 2.4 | ug/Kg | 1 | ☼ | 8260C | Total/NA |

## Client Sample ID: SB-10 (9-11) — Lab Sample ID: 480-69359-9

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| cis-1,2-Dichloroethene | 0.37 | J | 2.8 | 0.35 | ug/Kg | 1 | ☼ | 8260C | Total/NA |
| Tetrachloroethene | 3.6 | | 2.8 | 0.37 | ug/Kg | 1 | ☼ | 8260C | Total/NA |

This Detection Summary does not include radiochemical test results.

Client: URS Corporation
Project/Site: Walgreens Site (Kingston, NY)

TestAmerica Job ID: 480-69359-1

**Client Sample ID: SB-10 (1-3)**
**Date Collected: 10/15/14 10:10**
**Date Received: 10/16/14 01:00**

**Lab Sample ID: 480-69359-1**
**Matrix: Solid**
**Percent Solids: 92.7**

**Method: 8260C - Volatile Organic Compounds by GC/MS**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ND | | 2.6 | 0.19 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 18:57 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.6 | 0.42 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 18:57 | 1 |
| 1,1,2-Trichloroethane | ND | | 2.6 | 0.33 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 18:57 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 2.6 | 0.59 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 18:57 | 1 |
| 1,1-Dichloroethane | ND | | 2.6 | 0.31 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 18:57 | 1 |
| 1,1-Dichloroethene | ND | | 2.6 | 0.31 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 18:57 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.6 | 0.16 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 18:57 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 2.6 | 1.3 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 18:57 | 1 |
| 1,2-Dichlorobenzene | ND | | 2.6 | 0.20 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 18:57 | 1 |
| 1,2-Dichloroethane | ND | | 2.6 | 0.13 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 18:57 | 1 |
| 1,2-Dichloropropane | ND | | 2.6 | 1.3 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 18:57 | 1 |
| 1,3-Dichlorobenzene | ND | | 2.6 | 0.13 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 18:57 | 1 |
| 1,4-Dichlorobenzene | ND | | 2.6 | 0.36 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 18:57 | 1 |
| 2-Butanone (MEK) | ND | | 13 | 0.94 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 18:57 | 1 |
| 2-Hexanone | ND | | 13 | 1.3 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 18:57 | 1 |
| 4-Methyl-2-pentanone (MIBK) | ND | | 13 | 0.84 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 18:57 | 1 |
| **Acetone** | **31** | | 13 | 2.2 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 18:57 | 1 |
| Benzene | ND | | 2.6 | 0.13 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 18:57 | 1 |
| Bromodichloromethane | ND | | 2.6 | 0.34 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 18:57 | 1 |
| Bromoform | ND | | 2.6 | 1.3 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 18:57 | 1 |
| Bromomethane | ND | | 2.6 | 0.23 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 18:57 | 1 |
| Carbon disulfide | ND | | 2.6 | 1.3 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 18:57 | 1 |
| Carbon tetrachloride | ND | | 2.6 | 0.25 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 18:57 | 1 |
| Chlorobenzene | ND | | 2.6 | 0.34 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 18:57 | 1 |
| Dibromochloromethane | ND | | 2.6 | 0.33 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 18:57 | 1 |
| Chloroethane | ND | | 2.6 | 0.58 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 18:57 | 1 |
| Chloroform | ND | | 2.6 | 0.16 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 18:57 | 1 |
| Chloromethane | ND | | 2.6 | 0.16 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 18:57 | 1 |
| cis-1,2-Dichloroethene | ND | | 2.6 | 0.33 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 18:57 | 1 |
| cis-1,3-Dichloropropene | ND | | 2.6 | 0.37 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 18:57 | 1 |
| Cyclohexane | ND | | 2.6 | 0.36 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 18:57 | 1 |
| Dichlorodifluoromethane | ND | | 2.6 | 0.21 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 18:57 | 1 |
| Ethylbenzene | ND | | 2.6 | 0.18 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 18:57 | 1 |
| 1,2-Dibromoethane | ND | | 2.6 | 0.33 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 18:57 | 1 |
| Isopropylbenzene | ND | | 2.6 | 0.39 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 18:57 | 1 |
| Methyl acetate | ND | | 2.6 | 1.6 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 18:57 | 1 |
| Methyl tert-butyl ether | ND | | 2.6 | 0.25 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 18:57 | 1 |
| Methylcyclohexane | ND | | 2.6 | 0.39 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 18:57 | 1 |
| Methylene Chloride | ND | | 2.6 | 1.2 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 18:57 | 1 |
| Styrene | ND | | 2.6 | 0.13 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 18:57 | 1 |
| **Tetrachloroethene** | **1.9** | **J** | 2.6 | 0.35 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 18:57 | 1 |
| Toluene | ND | | 2.6 | 0.19 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 18:57 | 1 |
| trans-1,2-Dichloroethene | ND | | 2.6 | 0.27 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 18:57 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.6 | 1.1 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 18:57 | 1 |
| Trichloroethene | ND | | 2.6 | 0.57 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 18:57 | 1 |
| Trichlorofluoromethane | ND | | 2.6 | 0.24 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 18:57 | 1 |
| Vinyl chloride | ND | | 2.6 | 0.31 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 18:57 | 1 |
| Xylenes, Total | ND | | 5.1 | 0.43 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 18:57 | 1 |

Client: URS Corporation
Project/Site: Walgreens Site (Kingston, NY)

TestAmerica Job ID: 480-69359-1

## Client Sample ID: SB-10 (1-3)

**Lab Sample ID: 480-69359-1**
**Date Collected: 10/15/14 10:10**
**Matrix: Solid**
**Date Received: 10/16/14 01:00**
**Percent Solids: 92.7**

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| *Toluene-d8 (Surr)* | *103* | | *71 - 125* | *10/16/14 10:49* | *10/16/14 18:57* | *1* |
| *1,2-Dichloroethane-d4 (Surr)* | *107* | | *64 - 126* | *10/16/14 10:49* | *10/16/14 18:57* | *1* |
| *4-Bromofluorobenzene (Surr)* | *106* | | *72 - 126* | *10/16/14 10:49* | *10/16/14 18:57* | *1* |
| *Dibromofluoromethane (Surr)* | *102* | | *60 - 140* | *10/16/14 10:49* | *10/16/14 18:57* | *1* |

## Client Sample ID: SB-10 (3-5)

**Lab Sample ID: 480-69359-2**
**Date Collected: 10/15/14 10:15**
**Matrix: Solid**
**Date Received: 10/16/14 01:00**
**Percent Solids: 87.1**

### Method: 8260C - Volatile Organic Compounds by GC/MS

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ND | | 2.6 | 0.19 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 19:23 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.6 | 0.42 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 19:23 | 1 |
| 1,1,2-Trichloroethane | ND | | 2.6 | 0.34 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 19:23 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 2.6 | 0.60 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 19:23 | 1 |
| 1,1-Dichloroethane | ND | | 2.6 | 0.32 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 19:23 | 1 |
| 1,1-Dichloroethene | ND | | 2.6 | 0.32 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 19:23 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.6 | 0.16 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 19:23 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 2.6 | 1.3 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 19:23 | 1 |
| 1,2-Dichlorobenzene | ND | | 2.6 | 0.20 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 19:23 | 1 |
| 1,2-Dichloroethane | ND | | 2.6 | 0.13 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 19:23 | 1 |
| 1,2-Dichloropropane | ND | | 2.6 | 1.3 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 19:23 | 1 |
| 1,3-Dichlorobenzene | ND | | 2.6 | 0.13 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 19:23 | 1 |
| 1,4-Dichlorobenzene | ND | | 2.6 | 0.37 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 19:23 | 1 |
| 2-Butanone (MEK) | ND | | 13 | 0.96 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 19:23 | 1 |
| 2-Hexanone | ND | | 13 | 1.3 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 19:23 | 1 |
| 4-Methyl-2-pentanone (MIBK) | ND | | 13 | 0.86 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 19:23 | 1 |
| **Acetone** | **18** | | 13 | 2.2 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 19:23 | 1 |
| Benzene | ND | | 2.6 | 0.13 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 19:23 | 1 |
| Bromodichloromethane | ND | | 2.6 | 0.35 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 19:23 | 1 |
| Bromoform | ND | | 2.6 | 1.3 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 19:23 | 1 |
| Bromomethane | ND | | 2.6 | 0.24 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 19:23 | 1 |
| Carbon disulfide | ND | | 2.6 | 1.3 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 19:23 | 1 |
| Carbon tetrachloride | ND | | 2.6 | 0.25 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 19:23 | 1 |
| Chlorobenzene | ND | | 2.6 | 0.35 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 19:23 | 1 |
| Dibromochloromethane | ND | | 2.6 | 0.33 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 19:23 | 1 |
| Chloroethane | ND | | 2.6 | 0.59 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 19:23 | 1 |
| Chloroform | ND | | 2.6 | 0.16 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 19:23 | 1 |
| Chloromethane | ND | | 2.6 | 0.16 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 19:23 | 1 |
| **cis-1,2-Dichloroethene** | **0.41** | **J** | 2.6 | 0.33 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 19:23 | 1 |
| cis-1,3-Dichloropropene | ND | | 2.6 | 0.38 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 19:23 | 1 |
| Cyclohexane | ND | | 2.6 | 0.37 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 19:23 | 1 |
| Dichlorodifluoromethane | ND | | 2.6 | 0.22 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 19:23 | 1 |
| Ethylbenzene | ND | | 2.6 | 0.18 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 19:23 | 1 |
| 1,2-Dibromoethane | ND | | 2.6 | 0.34 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 19:23 | 1 |
| Isopropylbenzene | ND | | 2.6 | 0.39 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 19:23 | 1 |
| Methyl acetate | ND | | 2.6 | 1.6 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 19:23 | 1 |
| Methyl tert-butyl ether | ND | | 2.6 | 0.26 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 19:23 | 1 |
| Methylcyclohexane | ND | | 2.6 | 0.40 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 19:23 | 1 |
| Methylene Chloride | ND | | 2.6 | 1.2 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 19:23 | 1 |

## Client Sample ID: SB-10 (3-5)

**Lab Sample ID: 480-69359-2**

**Date Collected: 10/15/14 10:15**

**Matrix: Solid**

**Date Received: 10/16/14 01:00**

**Percent Solids: 87.1**

### Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Styrene | ND | | 2.6 | 0.13 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 19:23 | 1 |
| **Tetrachloroethene** | **5.5** | | 2.6 | 0.35 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 19:23 | 1 |
| Toluene | ND | | 2.6 | 0.20 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 19:23 | 1 |
| trans-1,2-Dichloroethene | ND | | 2.6 | 0.27 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 19:23 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.6 | 1.2 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 19:23 | 1 |
| Trichloroethene | ND | | 2.6 | 0.58 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 19:23 | 1 |
| Trichlorofluoromethane | ND | | 2.6 | 0.25 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 19:23 | 1 |
| Vinyl chloride | ND | | 2.6 | 0.32 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 19:23 | 1 |
| Xylenes, Total | ND | | 5.2 | 0.44 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 19:23 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Toluene-d8 (Surr)* | *104* | | *71 - 125* | *10/16/14 10:49* | *10/16/14 19:23* | *1* |
| *1,2-Dichloroethane-d4 (Surr)* | *107* | | *64 - 126* | *10/16/14 10:49* | *10/16/14 19:23* | *1* |
| *4-Bromofluorobenzene (Surr)* | *106* | | *72 - 126* | *10/16/14 10:49* | *10/16/14 19:23* | *1* |
| *Dibromofluoromethane (Surr)* | *105* | | *60 - 140* | *10/16/14 10:49* | *10/16/14 19:23* | *1* |

## Client Sample ID: SB-10 (5-7)

**Lab Sample ID: 480-69359-3**

**Date Collected: 10/15/14 10:35**

**Matrix: Solid**

**Date Received: 10/16/14 01:00**

**Percent Solids: 90.6**

### Method: 8260C - Volatile Organic Compounds by GC/MS

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ND | | 2.6 | 0.19 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 19:49 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.6 | 0.42 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 19:49 | 1 |
| 1,1,2-Trichloroethane | ND | | 2.6 | 0.34 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 19:49 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 2.6 | 0.60 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 19:49 | 1 |
| 1,1-Dichloroethane | ND | | 2.6 | 0.32 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 19:49 | 1 |
| 1,1-Dichloroethene | ND | | 2.6 | 0.32 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 19:49 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.6 | 0.16 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 19:49 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 2.6 | 1.3 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 19:49 | 1 |
| 1,2-Dichlorobenzene | ND | | 2.6 | 0.20 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 19:49 | 1 |
| 1,2-Dichloroethane | ND | | 2.6 | 0.13 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 19:49 | 1 |
| 1,2-Dichloropropane | ND | | 2.6 | 1.3 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 19:49 | 1 |
| 1,3-Dichlorobenzene | ND | | 2.6 | 0.13 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 19:49 | 1 |
| 1,4-Dichlorobenzene | ND | | 2.6 | 0.37 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 19:49 | 1 |
| 2-Butanone (MEK) | ND | | 13 | 0.96 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 19:49 | 1 |
| 2-Hexanone | ND | | 13 | 1.3 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 19:49 | 1 |
| 4-Methyl-2-pentanone (MIBK) | ND | | 13 | 0.86 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 19:49 | 1 |
| **Acetone** | **29** | | 13 | 2.2 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 19:49 | 1 |
| Benzene | ND | | 2.6 | 0.13 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 19:49 | 1 |
| Bromodichloromethane | ND | | 2.6 | 0.35 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 19:49 | 1 |
| Bromoform | ND | | 2.6 | 1.3 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 19:49 | 1 |
| Bromomethane | ND | | 2.6 | 0.24 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 19:49 | 1 |
| Carbon disulfide | ND | | 2.6 | 1.3 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 19:49 | 1 |
| Carbon tetrachloride | ND | | 2.6 | 0.25 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 19:49 | 1 |
| Chlorobenzene | ND | | 2.6 | 0.35 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 19:49 | 1 |
| Dibromochloromethane | ND | | 2.6 | 0.34 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 19:49 | 1 |
| Chloroethane | ND | | 2.6 | 0.59 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 19:49 | 1 |
| Chloroform | ND | | 2.6 | 0.16 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 19:49 | 1 |
| Chloromethane | ND | | 2.6 | 0.16 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 19:49 | 1 |

Client: URS Corporation
Project/Site: Walgreens Site (Kingston, NY)

TestAmerica Job ID: 480-69359-1

## Client Sample ID: SB-10 (5-7)

**Lab Sample ID: 480-69359-3**
**Date Collected: 10/15/14 10:35**
**Matrix: Solid**
**Date Received: 10/16/14 01:00**
**Percent Solids: 90.6**

### Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **cis-1,2-Dichloroethene** | **0.55** | **J** | 2.6 | 0.34 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 19:49 | 1 |
| cis-1,3-Dichloropropene | ND | | 2.6 | 0.38 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 19:49 | 1 |
| Cyclohexane | ND | | 2.6 | 0.37 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 19:49 | 1 |
| Dichlorodifluoromethane | ND | | 2.6 | 0.22 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 19:49 | 1 |
| Ethylbenzene | ND | | 2.6 | 0.18 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 19:49 | 1 |
| 1,2-Dibromoethane | ND | | 2.6 | 0.34 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 19:49 | 1 |
| Isopropylbenzene | ND | | 2.6 | 0.39 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 19:49 | 1 |
| Methyl acetate | ND | | 2.6 | 1.6 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 19:49 | 1 |
| Methyl tert-butyl ether | ND | | 2.6 | 0.26 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 19:49 | 1 |
| Methylcyclohexane | ND | | 2.6 | 0.40 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 19:49 | 1 |
| Methylene Chloride | ND | | 2.6 | 1.2 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 19:49 | 1 |
| Styrene | ND | | 2.6 | 0.13 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 19:49 | 1 |
| **Tetrachloroethene** | **3.0** | | 2.6 | 0.35 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 19:49 | 1 |
| Toluene | ND | | 2.6 | 0.20 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 19:49 | 1 |
| trans-1,2-Dichloroethene | ND | | 2.6 | 0.27 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 19:49 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.6 | 1.2 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 19:49 | 1 |
| Trichloroethene | ND | | 2.6 | 0.58 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 19:49 | 1 |
| Trichlorofluoromethane | ND | | 2.6 | 0.25 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 19:49 | 1 |
| Vinyl chloride | ND | | 2.6 | 0.32 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 19:49 | 1 |
| Xylenes, Total | ND | | 5.2 | 0.44 | ug/Kg | ☼ | 10/16/14 10:49 | 10/16/14 19:49 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Toluene-d8 (Surr)* | *102* | | *71 - 125* | *10/16/14 10:49* | *10/16/14 19:49* | *1* |
| *1,2-Dichloroethane-d4 (Surr)* | *107* | | *64 - 126* | *10/16/14 10:49* | *10/16/14 19:49* | *1* |
| *4-Bromofluorobenzene (Surr)* | *106* | | *72 - 126* | *10/16/14 10:49* | *10/16/14 19:49* | *1* |
| *Dibromofluoromethane (Surr)* | *105* | | *60 - 140* | *10/16/14 10:49* | *10/16/14 19:49* | *1* |

## Client Sample ID: SB-10 (7-9)

**Lab Sample ID: 480-69359-4**
**Date Collected: 10/15/14 10:55**
**Matrix: Solid**
**Date Received: 10/16/14 01:00**
**Percent Solids: 91.3**

### Method: 8260C - Volatile Organic Compounds by GC/MS

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ND | | 2.6 | 0.19 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 04:54 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.6 | 0.43 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 04:54 | 1 |
| 1,1,2-Trichloroethane | ND | | 2.6 | 0.34 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 04:54 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 2.6 | 0.60 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 04:54 | 1 |
| 1,1-Dichloroethane | ND | | 2.6 | 0.32 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 04:54 | 1 |
| 1,1-Dichloroethene | ND | | 2.6 | 0.32 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 04:54 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.6 | 0.16 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 04:54 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 2.6 | 1.3 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 04:54 | 1 |
| 1,2-Dichlorobenzene | ND | | 2.6 | 0.21 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 04:54 | 1 |
| 1,2-Dichloroethane | ND | | 2.6 | 0.13 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 04:54 | 1 |
| 1,2-Dichloropropane | ND | | 2.6 | 1.3 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 04:54 | 1 |
| 1,3-Dichlorobenzene | ND | | 2.6 | 0.14 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 04:54 | 1 |
| 1,4-Dichlorobenzene | ND | | 2.6 | 0.37 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 04:54 | 1 |
| 2-Butanone (MEK) | ND | | 13 | 0.97 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 04:54 | 1 |
| 2-Hexanone | ND | | 13 | 1.3 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 04:54 | 1 |
| 4-Methyl-2-pentanone (MIBK) | ND | | 13 | 0.87 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 04:54 | 1 |
| Acetone | ND | | 13 | 2.2 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 04:54 | 1 |

## Client Sample ID: SB-10 (7-9)

**Lab Sample ID: 480-69359-4**

**Date Collected: 10/15/14 10:55**
**Matrix: Solid**
**Date Received: 10/16/14 01:00**
**Percent Solids: 91.3**

### Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | | 2.6 | 0.13 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 04:54 | 1 |
| Bromodichloromethane | ND | | 2.6 | 0.35 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 04:54 | 1 |
| Bromoform | ND | | 2.6 | 1.3 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 04:54 | 1 |
| Bromomethane | ND | | 2.6 | 0.24 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 04:54 | 1 |
| Carbon disulfide | ND | | 2.6 | 1.3 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 04:54 | 1 |
| Carbon tetrachloride | ND | | 2.6 | 0.26 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 04:54 | 1 |
| Chlorobenzene | ND | | 2.6 | 0.35 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 04:54 | 1 |
| Dibromochloromethane | ND | | 2.6 | 0.34 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 04:54 | 1 |
| Chloroethane | ND | | 2.6 | 0.60 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 04:54 | 1 |
| Chloroform | ND | | 2.6 | 0.16 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 04:54 | 1 |
| Chloromethane | ND | | 2.6 | 0.16 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 04:54 | 1 |
| cis-1,2-Dichloroethene | ND | | 2.6 | 0.34 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 04:54 | 1 |
| cis-1,3-Dichloropropene | ND | | 2.6 | 0.38 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 04:54 | 1 |
| Cyclohexane | ND | | 2.6 | 0.37 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 04:54 | 1 |
| Dichlorodifluoromethane | ND | | 2.6 | 0.22 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 04:54 | 1 |
| Ethylbenzene | ND | | 2.6 | 0.18 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 04:54 | 1 |
| 1,2-Dibromoethane | ND | | 2.6 | 0.34 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 04:54 | 1 |
| Isopropylbenzene | ND | | 2.6 | 0.40 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 04:54 | 1 |
| Methyl acetate | ND | | 2.6 | 1.6 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 04:54 | 1 |
| Methyl tert-butyl ether | ND | | 2.6 | 0.26 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 04:54 | 1 |
| Methylcyclohexane | ND | | 2.6 | 0.40 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 04:54 | 1 |
| Methylene Chloride | ND | | 2.6 | 1.2 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 04:54 | 1 |
| Styrene | ND | | 2.6 | 0.13 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 04:54 | 1 |
| **Tetrachloroethene** | **0.67** | **J** | 2.6 | 0.36 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 04:54 | 1 |
| Toluene | ND | | 2.6 | 0.20 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 04:54 | 1 |
| trans-1,2-Dichloroethene | ND | | 2.6 | 0.27 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 04:54 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.6 | 1.2 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 04:54 | 1 |
| Trichloroethene | ND | | 2.6 | 0.58 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 04:54 | 1 |
| Trichlorofluoromethane | ND | | 2.6 | 0.25 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 04:54 | 1 |
| Vinyl chloride | ND | | 2.6 | 0.32 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 04:54 | 1 |
| Xylenes, Total | ND | | 5.3 | 0.44 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 04:54 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Toluene-d8 (Surr)* | *101* | | *71 - 125* | *10/16/14 10:49* | *10/17/14 04:54* | *1* |
| *1,2-Dichloroethane-d4 (Surr)* | *103* | | *64 - 126* | *10/16/14 10:49* | *10/17/14 04:54* | *1* |
| *4-Bromofluorobenzene (Surr)* | *108* | | *72 - 126* | *10/16/14 10:49* | *10/17/14 04:54* | *1* |
| *Dibromofluoromethane (Surr)* | *102* | | *60 - 140* | *10/16/14 10:49* | *10/17/14 04:54* | *1* |

## Client Sample ID: SB-7 (1-3)

**Lab Sample ID: 480-69359-5**

**Date Collected: 10/15/14 11:15**
**Matrix: Solid**
**Date Received: 10/16/14 01:00**
**Percent Solids: 92.7**

### Method: 8260C - Volatile Organic Compounds by GC/MS

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ND | | 2.7 | 0.19 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 05:19 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.7 | 0.43 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 05:19 | 1 |
| 1,1,2-Trichloroethane | ND | | 2.7 | 0.35 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 05:19 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 2.7 | 0.61 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 05:19 | 1 |
| 1,1-Dichloroethane | ND | | 2.7 | 0.32 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 05:19 | 1 |
| 1,1-Dichloroethene | ND | | 2.7 | 0.33 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 05:19 | 1 |

Client: URS Corporation
Project/Site: Walgreens Site (Kingston, NY)

TestAmerica Job ID: 480-69359-1

**Client Sample ID: SB-7 (1-3)**
**Date Collected: 10/15/14 11:15**
**Date Received: 10/16/14 01:00**

**Lab Sample ID: 480-69359-5**
**Matrix: Solid**
**Percent Solids: 92.7**

**Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,2,4-Trichlorobenzene | ND | | 2.7 | 0.16 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 05:19 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 2.7 | 1.3 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 05:19 | 1 |
| 1,2-Dichlorobenzene | ND | | 2.7 | 0.21 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 05:19 | 1 |
| 1,2-Dichloroethane | ND | | 2.7 | 0.13 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 05:19 | 1 |
| 1,2-Dichloropropane | ND | | 2.7 | 1.3 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 05:19 | 1 |
| 1,3-Dichlorobenzene | ND | | 2.7 | 0.14 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 05:19 | 1 |
| 1,4-Dichlorobenzene | ND | | 2.7 | 0.37 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 05:19 | 1 |
| 2-Butanone (MEK) | ND | | 13 | 0.97 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 05:19 | 1 |
| 2-Hexanone | ND | | 13 | 1.3 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 05:19 | 1 |
| 4-Methyl-2-pentanone (MIBK) | ND | | 13 | 0.87 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 05:19 | 1 |
| **Acetone** | **9.5** | **J** | 13 | 2.2 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 05:19 | 1 |
| **Benzene** | **0.19** | **J** | 2.7 | 0.13 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 05:19 | 1 |
| Bromodichloromethane | ND | | 2.7 | 0.36 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 05:19 | 1 |
| Bromoform | ND | | 2.7 | 1.3 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 05:19 | 1 |
| Bromomethane | ND | | 2.7 | 0.24 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 05:19 | 1 |
| Carbon disulfide | ND | | 2.7 | 1.3 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 05:19 | 1 |
| Carbon tetrachloride | ND | | 2.7 | 0.26 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 05:19 | 1 |
| Chlorobenzene | ND | | 2.7 | 0.35 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 05:19 | 1 |
| Dibromochloromethane | ND | | 2.7 | 0.34 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 05:19 | 1 |
| Chloroethane | ND | | 2.7 | 0.60 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 05:19 | 1 |
| Chloroform | ND | | 2.7 | 0.16 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 05:19 | 1 |
| Chloromethane | ND | | 2.7 | 0.16 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 05:19 | 1 |
| cis-1,2-Dichloroethene | ND | | 2.7 | 0.34 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 05:19 | 1 |
| cis-1,3-Dichloropropene | ND | | 2.7 | 0.38 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 05:19 | 1 |
| Cyclohexane | ND | | 2.7 | 0.37 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 05:19 | 1 |
| Dichlorodifluoromethane | ND | | 2.7 | 0.22 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 05:19 | 1 |
| Ethylbenzene | ND | | 2.7 | 0.18 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 05:19 | 1 |
| 1,2-Dibromoethane | ND | | 2.7 | 0.34 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 05:19 | 1 |
| Isopropylbenzene | ND | | 2.7 | 0.40 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 05:19 | 1 |
| Methyl acetate | ND | | 2.7 | 1.6 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 05:19 | 1 |
| Methyl tert-butyl ether | ND | | 2.7 | 0.26 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 05:19 | 1 |
| Methylcyclohexane | ND | | 2.7 | 0.40 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 05:19 | 1 |
| Methylene Chloride | ND | | 2.7 | 1.2 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 05:19 | 1 |
| Styrene | ND | | 2.7 | 0.13 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 05:19 | 1 |
| Tetrachloroethene | ND | | 2.7 | 0.36 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 05:19 | 1 |
| Toluene | ND | | 2.7 | 0.20 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 05:19 | 1 |
| trans-1,2-Dichloroethene | ND | | 2.7 | 0.27 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 05:19 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.7 | 1.2 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 05:19 | 1 |
| Trichloroethene | ND | | 2.7 | 0.58 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 05:19 | 1 |
| Trichlorofluoromethane | ND | | 2.7 | 0.25 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 05:19 | 1 |
| Vinyl chloride | ND | | 2.7 | 0.32 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 05:19 | 1 |
| Xylenes, Total | ND | | 5.3 | 0.45 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 05:19 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Toluene-d8 (Surr)* | *101* | | *71 - 125* | *10/16/14 10:49* | *10/17/14 05:19* | *1* |
| *1,2-Dichloroethane-d4 (Surr)* | *103* | | *64 - 126* | *10/16/14 10:49* | *10/17/14 05:19* | *1* |
| *4-Bromofluorobenzene (Surr)* | *108* | | *72 - 126* | *10/16/14 10:49* | *10/17/14 05:19* | *1* |
| *Dibromofluoromethane (Surr)* | *102* | | *60 - 140* | *10/16/14 10:49* | *10/17/14 05:19* | *1* |

Client: URS Corporation
Project/Site: Walgreens Site (Kingston, NY)

TestAmerica Job ID: 480-69359-1

**Client Sample ID: SB-7 (3-5)**
**Date Collected: 10/15/14 11:20**
**Date Received: 10/16/14 01:00**

**Lab Sample ID: 480-69359-6**
**Matrix: Solid**
**Percent Solids: 93.0**

**Method: 8260C - Volatile Organic Compounds by GC/MS**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ND | | 2.6 | 0.19 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 05:45 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.6 | 0.42 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 05:45 | 1 |
| 1,1,2-Trichloroethane | ND | | 2.6 | 0.33 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 05:45 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 2.6 | 0.59 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 05:45 | 1 |
| 1,1-Dichloroethane | ND | | 2.6 | 0.31 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 05:45 | 1 |
| 1,1-Dichloroethene | ND | | 2.6 | 0.31 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 05:45 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.6 | 0.16 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 05:45 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 2.6 | 1.3 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 05:45 | 1 |
| 1,2-Dichlorobenzene | ND | | 2.6 | 0.20 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 05:45 | 1 |
| 1,2-Dichloroethane | ND | | 2.6 | 0.13 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 05:45 | 1 |
| 1,2-Dichloropropane | ND | | 2.6 | 1.3 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 05:45 | 1 |
| 1,3-Dichlorobenzene | ND | | 2.6 | 0.13 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 05:45 | 1 |
| 1,4-Dichlorobenzene | ND | | 2.6 | 0.36 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 05:45 | 1 |
| 2-Butanone (MEK) | ND | | 13 | 0.94 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 05:45 | 1 |
| 2-Hexanone | ND | | 13 | 1.3 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 05:45 | 1 |
| 4-Methyl-2-pentanone (MIBK) | ND | | 13 | 0.84 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 05:45 | 1 |
| Acetone | ND | | 13 | 2.2 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 05:45 | 1 |
| Benzene | ND | | 2.6 | 0.13 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 05:45 | 1 |
| Bromodichloromethane | ND | | 2.6 | 0.34 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 05:45 | 1 |
| Bromoform | ND | | 2.6 | 1.3 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 05:45 | 1 |
| Bromomethane | ND | | 2.6 | 0.23 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 05:45 | 1 |
| Carbon disulfide | ND | | 2.6 | 1.3 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 05:45 | 1 |
| Carbon tetrachloride | ND | | 2.6 | 0.25 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 05:45 | 1 |
| Chlorobenzene | ND | | 2.6 | 0.34 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 05:45 | 1 |
| Dibromochloromethane | ND | | 2.6 | 0.33 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 05:45 | 1 |
| Chloroethane | ND | | 2.6 | 0.58 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 05:45 | 1 |
| Chloroform | ND | | 2.6 | 0.16 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 05:45 | 1 |
| Chloromethane | ND | | 2.6 | 0.16 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 05:45 | 1 |
| cis-1,2-Dichloroethene | ND | | 2.6 | 0.33 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 05:45 | 1 |
| cis-1,3-Dichloropropene | ND | | 2.6 | 0.37 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 05:45 | 1 |
| Cyclohexane | ND | | 2.6 | 0.36 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 05:45 | 1 |
| Dichlorodifluoromethane | ND | | 2.6 | 0.21 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 05:45 | 1 |
| Ethylbenzene | ND | | 2.6 | 0.18 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 05:45 | 1 |
| 1,2-Dibromoethane | ND | | 2.6 | 0.33 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 05:45 | 1 |
| Isopropylbenzene | ND | | 2.6 | 0.39 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 05:45 | 1 |
| Methyl acetate | ND | | 2.6 | 1.6 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 05:45 | 1 |
| Methyl tert-butyl ether | ND | | 2.6 | 0.25 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 05:45 | 1 |
| Methylcyclohexane | ND | | 2.6 | 0.39 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 05:45 | 1 |
| Methylene Chloride | ND | | 2.6 | 1.2 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 05:45 | 1 |
| Styrene | ND | | 2.6 | 0.13 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 05:45 | 1 |
| **Tetrachloroethene** | **1.5** | **J** | 2.6 | 0.34 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 05:45 | 1 |
| Toluene | ND | | 2.6 | 0.19 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 05:45 | 1 |
| trans-1,2-Dichloroethene | ND | | 2.6 | 0.26 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 05:45 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.6 | 1.1 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 05:45 | 1 |
| Trichloroethene | ND | | 2.6 | 0.56 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 05:45 | 1 |
| Trichlorofluoromethane | ND | | 2.6 | 0.24 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 05:45 | 1 |
| Vinyl chloride | ND | | 2.6 | 0.31 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 05:45 | 1 |
| Xylenes, Total | ND | | 5.1 | 0.43 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 05:45 | 1 |

## Client Sample ID: SB-7 (3-5)

**Lab Sample ID: 480-69359-6**

**Date Collected: 10/15/14 11:20**
**Matrix: Solid**
**Date Received: 10/16/14 01:00**
**Percent Solids: 93.0**

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| *Toluene-d8 (Surr)* | *101* | | *71 - 125* | *10/16/14 10:49* | *10/17/14 05:45* | *1* |
| *1,2-Dichloroethane-d4 (Surr)* | *103* | | *64 - 126* | *10/16/14 10:49* | *10/17/14 05:45* | *1* |
| *4-Bromofluorobenzene (Surr)* | *105* | | *72 - 126* | *10/16/14 10:49* | *10/17/14 05:45* | *1* |
| *Dibromofluoromethane (Surr)* | *101* | | *60 - 140* | *10/16/14 10:49* | *10/17/14 05:45* | *1* |

## Client Sample ID: SB-7 (5-7)

**Lab Sample ID: 480-69359-7**

**Date Collected: 10/15/14 11:25**
**Matrix: Solid**
**Date Received: 10/16/14 01:00**
**Percent Solids: 88.1**

### Method: 8260C - Volatile Organic Compounds by GC/MS

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ND | | 2.5 | 0.18 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 06:11 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.5 | 0.40 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 06:11 | 1 |
| 1,1,2-Trichloroethane | ND | | 2.5 | 0.32 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 06:11 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 2.5 | 0.56 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 06:11 | 1 |
| 1,1-Dichloroethane | ND | | 2.5 | 0.30 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 06:11 | 1 |
| 1,1-Dichloroethene | ND | | 2.5 | 0.30 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 06:11 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.5 | 0.15 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 06:11 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 2.5 | 1.2 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 06:11 | 1 |
| 1,2-Dichlorobenzene | ND | | 2.5 | 0.19 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 06:11 | 1 |
| 1,2-Dichloroethane | ND | | 2.5 | 0.12 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 06:11 | 1 |
| 1,2-Dichloropropane | ND | | 2.5 | 1.2 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 06:11 | 1 |
| 1,3-Dichlorobenzene | ND | | 2.5 | 0.13 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 06:11 | 1 |
| 1,4-Dichlorobenzene | ND | | 2.5 | 0.35 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 06:11 | 1 |
| 2-Butanone (MEK) | ND | | 12 | 0.90 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 06:11 | 1 |
| 2-Hexanone | ND | | 12 | 1.2 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 06:11 | 1 |
| 4-Methyl-2-pentanone (MIBK) | ND | | 12 | 0.81 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 06:11 | 1 |
| **Acetone** | **16** | | 12 | 2.1 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 06:11 | 1 |
| Benzene | ND | | 2.5 | 0.12 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 06:11 | 1 |
| Bromodichloromethane | ND | | 2.5 | 0.33 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 06:11 | 1 |
| Bromoform | ND | | 2.5 | 1.2 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 06:11 | 1 |
| Bromomethane | ND | | 2.5 | 0.22 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 06:11 | 1 |
| Carbon disulfide | ND | | 2.5 | 1.2 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 06:11 | 1 |
| Carbon tetrachloride | ND | | 2.5 | 0.24 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 06:11 | 1 |
| Chlorobenzene | ND | | 2.5 | 0.33 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 06:11 | 1 |
| Dibromochloromethane | ND | | 2.5 | 0.32 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 06:11 | 1 |
| Chloroethane | ND | | 2.5 | 0.56 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 06:11 | 1 |
| Chloroform | ND | | 2.5 | 0.15 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 06:11 | 1 |
| Chloromethane | ND | | 2.5 | 0.15 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 06:11 | 1 |
| cis-1,2-Dichloroethene | ND | | 2.5 | 0.32 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 06:11 | 1 |
| cis-1,3-Dichloropropene | ND | | 2.5 | 0.36 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 06:11 | 1 |
| Cyclohexane | ND | | 2.5 | 0.35 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 06:11 | 1 |
| Dichlorodifluoromethane | ND | | 2.5 | 0.20 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 06:11 | 1 |
| Ethylbenzene | ND | | 2.5 | 0.17 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 06:11 | 1 |
| 1,2-Dibromoethane | ND | | 2.5 | 0.32 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 06:11 | 1 |
| Isopropylbenzene | ND | | 2.5 | 0.37 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 06:11 | 1 |
| Methyl acetate | ND | | 2.5 | 1.5 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 06:11 | 1 |
| Methyl tert-butyl ether | ND | | 2.5 | 0.24 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 06:11 | 1 |
| Methylcyclohexane | ND | | 2.5 | 0.38 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 06:11 | 1 |
| Methylene Chloride | ND | | 2.5 | 1.1 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 06:11 | 1 |

## Client Sample ID: SB-7 (5-7)

**Lab Sample ID: 480-69359-7**

**Date Collected: 10/15/14 11:25**
**Matrix: Solid**
**Date Received: 10/16/14 01:00**
**Percent Solids: 88.1**

### Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Styrene | ND | | 2.5 | 0.12 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 06:11 | 1 |
| **Tetrachloroethene** | **0.98** | **J** | 2.5 | 0.33 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 06:11 | 1 |
| Toluene | ND | | 2.5 | 0.19 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 06:11 | 1 |
| trans-1,2-Dichloroethene | ND | | 2.5 | 0.25 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 06:11 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.5 | 1.1 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 06:11 | 1 |
| Trichloroethene | ND | | 2.5 | 0.54 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 06:11 | 1 |
| Trichlorofluoromethane | ND | | 2.5 | 0.23 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 06:11 | 1 |
| Vinyl chloride | ND | | 2.5 | 0.30 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 06:11 | 1 |
| Xylenes, Total | ND | | 4.9 | 0.42 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 06:11 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Toluene-d8 (Surr)* | *102* | | *71 - 125* | *10/16/14 10:49* | *10/17/14 06:11* | *1* |
| *1,2-Dichloroethane-d4 (Surr)* | *104* | | *64 - 126* | *10/16/14 10:49* | *10/17/14 06:11* | *1* |
| *4-Bromofluorobenzene (Surr)* | *105* | | *72 - 126* | *10/16/14 10:49* | *10/17/14 06:11* | *1* |
| *Dibromofluoromethane (Surr)* | *103* | | *60 - 140* | *10/16/14 10:49* | *10/17/14 06:11* | *1* |

## Client Sample ID: SB-7 (7-9)

**Lab Sample ID: 480-69359-8**

**Date Collected: 10/15/14 11:35**
**Matrix: Solid**
**Date Received: 10/16/14 01:00**
**Percent Solids: 94.3**

### Method: 8260C - Volatile Organic Compounds by GC/MS

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ND | | 2.8 | 0.20 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 06:37 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.8 | 0.45 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 06:37 | 1 |
| 1,1,2-Trichloroethane | ND | | 2.8 | 0.36 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 06:37 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 2.8 | 0.64 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 06:37 | 1 |
| 1,1-Dichloroethane | ND | | 2.8 | 0.34 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 06:37 | 1 |
| 1,1-Dichloroethene | ND | | 2.8 | 0.34 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 06:37 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.8 | 0.17 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 06:37 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 2.8 | 1.4 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 06:37 | 1 |
| 1,2-Dichlorobenzene | ND | | 2.8 | 0.22 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 06:37 | 1 |
| 1,2-Dichloroethane | ND | | 2.8 | 0.14 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 06:37 | 1 |
| 1,2-Dichloropropane | ND | | 2.8 | 1.4 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 06:37 | 1 |
| 1,3-Dichlorobenzene | ND | | 2.8 | 0.14 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 06:37 | 1 |
| 1,4-Dichlorobenzene | ND | | 2.8 | 0.39 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 06:37 | 1 |
| 2-Butanone (MEK) | ND | | 14 | 1.0 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 06:37 | 1 |
| 2-Hexanone | ND | | 14 | 1.4 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 06:37 | 1 |
| 4-Methyl-2-pentanone (MIBK) | ND | | 14 | 0.92 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 06:37 | 1 |
| **Acetone** | **41** | | 14 | 2.4 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 06:37 | 1 |
| Benzene | ND | | 2.8 | 0.14 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 06:37 | 1 |
| Bromodichloromethane | ND | | 2.8 | 0.38 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 06:37 | 1 |
| Bromoform | ND | | 2.8 | 1.4 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 06:37 | 1 |
| Bromomethane | ND | | 2.8 | 0.25 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 06:37 | 1 |
| Carbon disulfide | ND | | 2.8 | 1.4 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 06:37 | 1 |
| Carbon tetrachloride | ND | | 2.8 | 0.27 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 06:37 | 1 |
| Chlorobenzene | ND | | 2.8 | 0.37 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 06:37 | 1 |
| Dibromochloromethane | ND | | 2.8 | 0.36 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 06:37 | 1 |
| Chloroethane | ND | | 2.8 | 0.63 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 06:37 | 1 |
| Chloroform | ND | | 2.8 | 0.17 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 06:37 | 1 |
| Chloromethane | ND | | 2.8 | 0.17 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 06:37 | 1 |

## Client Sample ID: SB-7 (7-9)

**Lab Sample ID: 480-69359-8**
**Date Collected: 10/15/14 11:35**
**Matrix: Solid**
**Date Received: 10/16/14 01:00**
**Percent Solids: 94.3**

### Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| cis-1,2-Dichloroethene | ND | | 2.8 | 0.36 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 06:37 | 1 |
| cis-1,3-Dichloropropene | ND | | 2.8 | 0.40 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 06:37 | 1 |
| Cyclohexane | ND | | 2.8 | 0.39 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 06:37 | 1 |
| Dichlorodifluoromethane | ND | | 2.8 | 0.23 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 06:37 | 1 |
| Ethylbenzene | ND | | 2.8 | 0.19 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 06:37 | 1 |
| 1,2-Dibromoethane | ND | | 2.8 | 0.36 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 06:37 | 1 |
| Isopropylbenzene | ND | | 2.8 | 0.42 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 06:37 | 1 |
| Methyl acetate | ND | | 2.8 | 1.7 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 06:37 | 1 |
| Methyl tert-butyl ether | ND | | 2.8 | 0.28 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 06:37 | 1 |
| Methylcyclohexane | ND | | 2.8 | 0.43 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 06:37 | 1 |
| Methylene Chloride | ND | | 2.8 | 1.3 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 06:37 | 1 |
| Styrene | ND | | 2.8 | 0.14 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 06:37 | 1 |
| Tetrachloroethene | ND | | 2.8 | 0.38 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 06:37 | 1 |
| Toluene | ND | | 2.8 | 0.21 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 06:37 | 1 |
| trans-1,2-Dichloroethene | ND | | 2.8 | 0.29 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 06:37 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.8 | 1.2 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 06:37 | 1 |
| Trichloroethene | ND | | 2.8 | 0.62 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 06:37 | 1 |
| Trichlorofluoromethane | ND | | 2.8 | 0.27 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 06:37 | 1 |
| Vinyl chloride | ND | | 2.8 | 0.34 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 06:37 | 1 |
| Xylenes, Total | ND | | 5.6 | 0.47 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 06:37 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Toluene-d8 (Surr)* | *101* | | *71 - 125* | *10/16/14 10:49* | *10/17/14 06:37* | *1* |
| *1,2-Dichloroethane-d4 (Surr)* | *103* | | *64 - 126* | *10/16/14 10:49* | *10/17/14 06:37* | *1* |
| *4-Bromofluorobenzene (Surr)* | *107* | | *72 - 126* | *10/16/14 10:49* | *10/17/14 06:37* | *1* |
| *Dibromofluoromethane (Surr)* | *101* | | *60 - 140* | *10/16/14 10:49* | *10/17/14 06:37* | *1* |

## Client Sample ID: SB-10 (9-11)

**Lab Sample ID: 480-69359-9**
**Date Collected: 10/15/14 11:45**
**Matrix: Solid**
**Date Received: 10/16/14 01:00**
**Percent Solids: 88.8**

### Method: 8260C - Volatile Organic Compounds by GC/MS

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ND | | 2.8 | 0.20 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 07:03 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.8 | 0.45 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 07:03 | 1 |
| 1,1,2-Trichloroethane | ND | | 2.8 | 0.36 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 07:03 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 2.8 | 0.63 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 07:03 | 1 |
| 1,1-Dichloroethane | ND | | 2.8 | 0.34 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 07:03 | 1 |
| 1,1-Dichloroethene | ND | | 2.8 | 0.34 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 07:03 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.8 | 0.17 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 07:03 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 2.8 | 1.4 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 07:03 | 1 |
| 1,2-Dichlorobenzene | ND | | 2.8 | 0.22 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 07:03 | 1 |
| 1,2-Dichloroethane | ND | | 2.8 | 0.14 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 07:03 | 1 |
| 1,2-Dichloropropane | ND | | 2.8 | 1.4 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 07:03 | 1 |
| 1,3-Dichlorobenzene | ND | | 2.8 | 0.14 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 07:03 | 1 |
| 1,4-Dichlorobenzene | ND | | 2.8 | 0.39 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 07:03 | 1 |
| 2-Butanone (MEK) | ND | | 14 | 1.0 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 07:03 | 1 |
| 2-Hexanone | ND | | 14 | 1.4 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 07:03 | 1 |
| 4-Methyl-2-pentanone (MIBK) | ND | | 14 | 0.91 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 07:03 | 1 |
| Acetone | ND | | 14 | 2.3 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 07:03 | 1 |

Client: URS Corporation
Project/Site: Walgreens Site (Kingston, NY)

TestAmerica Job ID: 480-69359-1

**Client Sample ID: SB-10 (9-11)**
**Date Collected: 10/15/14 11:45**
**Date Received: 10/16/14 01:00**

**Lab Sample ID: 480-69359-9**
**Matrix: Solid**
**Percent Solids: 88.8**

**Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | | 2.8 | 0.14 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 07:03 | 1 |
| Bromodichloromethane | ND | | 2.8 | 0.37 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 07:03 | 1 |
| Bromoform | ND | | 2.8 | 1.4 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 07:03 | 1 |
| Bromomethane | ND | | 2.8 | 0.25 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 07:03 | 1 |
| Carbon disulfide | ND | | 2.8 | 1.4 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 07:03 | 1 |
| Carbon tetrachloride | ND | | 2.8 | 0.27 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 07:03 | 1 |
| Chlorobenzene | ND | | 2.8 | 0.37 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 07:03 | 1 |
| Dibromochloromethane | ND | | 2.8 | 0.35 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 07:03 | 1 |
| Chloroethane | ND | | 2.8 | 0.63 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 07:03 | 1 |
| Chloroform | ND | | 2.8 | 0.17 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 07:03 | 1 |
| Chloromethane | ND | | 2.8 | 0.17 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 07:03 | 1 |
| **cis-1,2-Dichloroethene** | **0.37** | **J** | 2.8 | 0.35 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 07:03 | 1 |
| cis-1,3-Dichloropropene | ND | | 2.8 | 0.40 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 07:03 | 1 |
| Cyclohexane | ND | | 2.8 | 0.39 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 07:03 | 1 |
| Dichlorodifluoromethane | ND | | 2.8 | 0.23 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 07:03 | 1 |
| Ethylbenzene | ND | | 2.8 | 0.19 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 07:03 | 1 |
| 1,2-Dibromoethane | ND | | 2.8 | 0.36 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 07:03 | 1 |
| Isopropylbenzene | ND | | 2.8 | 0.42 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 07:03 | 1 |
| Methyl acetate | ND | | 2.8 | 1.7 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 07:03 | 1 |
| Methyl tert-butyl ether | ND | | 2.8 | 0.27 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 07:03 | 1 |
| Methylcyclohexane | ND | | 2.8 | 0.42 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 07:03 | 1 |
| Methylene Chloride | ND | | 2.8 | 1.3 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 07:03 | 1 |
| Styrene | ND | | 2.8 | 0.14 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 07:03 | 1 |
| **Tetrachloroethene** | **3.6** | | 2.8 | 0.37 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 07:03 | 1 |
| Toluene | ND | | 2.8 | 0.21 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 07:03 | 1 |
| trans-1,2-Dichloroethene | ND | | 2.8 | 0.29 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 07:03 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.8 | 1.2 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 07:03 | 1 |
| Trichloroethene | ND | | 2.8 | 0.61 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 07:03 | 1 |
| Trichlorofluoromethane | ND | | 2.8 | 0.26 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 07:03 | 1 |
| Vinyl chloride | ND | | 2.8 | 0.34 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 07:03 | 1 |
| Xylenes, Total | ND | | 5.5 | 0.46 | ug/Kg | ☼ | 10/16/14 10:49 | 10/17/14 07:03 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Toluene-d8 (Surr)* | *101* | | *71 - 125* | *10/16/14 10:49* | *10/17/14 07:03* | *1* |
| *1,2-Dichloroethane-d4 (Surr)* | *102* | | *64 - 126* | *10/16/14 10:49* | *10/17/14 07:03* | *1* |
| *4-Bromofluorobenzene (Surr)* | *106* | | *72 - 126* | *10/16/14 10:49* | *10/17/14 07:03* | *1* |
| *Dibromofluoromethane (Surr)* | *102* | | *60 - 140* | *10/16/14 10:49* | *10/17/14 07:03* | *1* |

# Surrogate Summary

Client: URS Corporation
Project/Site: Walgreens Site (Kingston, NY)

TestAmerica Job ID: 480-69359-1

## Method: 8260C - Volatile Organic Compounds by GC/MS

**Matrix: Solid** **Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | | | |
|---|---|---|---|---|---|
| | | TOL | 12DCE | BFB | DBFM |
| Lab Sample ID | Client Sample ID | (71-125) | (64-126) | (72-126) | (60-140) |
| 480-69359-1 | SB-10 (1-3) | 103 | 107 | 106 | 102 |
| 480-69359-2 | SB-10 (3-5) | 104 | 107 | 106 | 105 |
| 480-69359-3 | SB-10 (5-7) | 102 | 107 | 106 | 105 |
| 480-69359-3 MS | SB-10 (5-7) | 104 | 96 | 108 | 104 |
| 480-69359-3 MSD | SB-10 (5-7) | 102 | 94 | 107 | 105 |
| 480-69359-4 | SB-10 (7-9) | 101 | 103 | 108 | 102 |
| 480-69359-5 | SB-7 (1-3) | 101 | 103 | 108 | 102 |
| 480-69359-6 | SB-7 (3-5) | 101 | 103 | 105 | 101 |
| 480-69359-7 | SB-7 (5-7) | 102 | 104 | 105 | 103 |
| 480-69359-8 | SB-7 (7-9) | 101 | 103 | 107 | 101 |
| 480-69359-9 | SB-10 (9-11) | 101 | 102 | 106 | 102 |
| LCS 480-208126/5 | Lab Control Sample | 101 | 99 | 108 | 103 |
| LCS 480-208269/5 | Lab Control Sample | 100 | 97 | 107 | 102 |
| MB 480-208126/7 | Method Blank | 102 | 94 | 105 | 99 |
| MB 480-208269/7 | Method Blank | 102 | 95 | 103 | 100 |

**Surrogate Legend**

TOL = Toluene-d8 (Surr)
12DCE = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)

## Method: 8260C - Volatile Organic Compounds by GC/MS

**Lab Sample ID: MB 480-208126/7**
**Matrix: Solid**
**Analysis Batch: 208126**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ND | | 5.0 | 0.36 | ug/Kg | | | 10/16/14 12:59 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 5.0 | 0.81 | ug/Kg | | | 10/16/14 12:59 | 1 |
| 1,1,2-Trichloroethane | ND | | 5.0 | 0.65 | ug/Kg | | | 10/16/14 12:59 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 5.0 | 1.1 | ug/Kg | | | 10/16/14 12:59 | 1 |
| 1,1-Dichloroethane | ND | | 5.0 | 0.61 | ug/Kg | | | 10/16/14 12:59 | 1 |
| 1,1-Dichloroethene | ND | | 5.0 | 0.61 | ug/Kg | | | 10/16/14 12:59 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 5.0 | 0.30 | ug/Kg | | | 10/16/14 12:59 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 5.0 | 2.5 | ug/Kg | | | 10/16/14 12:59 | 1 |
| 1,2-Dichlorobenzene | ND | | 5.0 | 0.39 | ug/Kg | | | 10/16/14 12:59 | 1 |
| 1,2-Dichloroethane | ND | | 5.0 | 0.25 | ug/Kg | | | 10/16/14 12:59 | 1 |
| 1,2-Dichloropropane | ND | | 5.0 | 2.5 | ug/Kg | | | 10/16/14 12:59 | 1 |
| 1,3-Dichlorobenzene | ND | | 5.0 | 0.26 | ug/Kg | | | 10/16/14 12:59 | 1 |
| 1,4-Dichlorobenzene | ND | | 5.0 | 0.70 | ug/Kg | | | 10/16/14 12:59 | 1 |
| 2-Butanone (MEK) | ND | | 25 | 1.8 | ug/Kg | | | 10/16/14 12:59 | 1 |
| 2-Hexanone | ND | | 25 | 2.5 | ug/Kg | | | 10/16/14 12:59 | 1 |
| 4-Methyl-2-pentanone (MIBK) | ND | | 25 | 1.6 | ug/Kg | | | 10/16/14 12:59 | 1 |
| Acetone | ND | | 25 | 4.2 | ug/Kg | | | 10/16/14 12:59 | 1 |
| Benzene | ND | | 5.0 | 0.25 | ug/Kg | | | 10/16/14 12:59 | 1 |
| Bromodichloromethane | ND | | 5.0 | 0.67 | ug/Kg | | | 10/16/14 12:59 | 1 |
| Bromoform | ND | | 5.0 | 2.5 | ug/Kg | | | 10/16/14 12:59 | 1 |
| Bromomethane | ND | | 5.0 | 0.45 | ug/Kg | | | 10/16/14 12:59 | 1 |
| Carbon disulfide | ND | | 5.0 | 2.5 | ug/Kg | | | 10/16/14 12:59 | 1 |
| Carbon tetrachloride | ND | | 5.0 | 0.48 | ug/Kg | | | 10/16/14 12:59 | 1 |
| Chlorobenzene | ND | | 5.0 | 0.66 | ug/Kg | | | 10/16/14 12:59 | 1 |
| Dibromochloromethane | ND | | 5.0 | 0.64 | ug/Kg | | | 10/16/14 12:59 | 1 |
| Chloroethane | ND | | 5.0 | 1.1 | ug/Kg | | | 10/16/14 12:59 | 1 |
| Chloroform | ND | | 5.0 | 0.31 | ug/Kg | | | 10/16/14 12:59 | 1 |
| Chloromethane | ND | | 5.0 | 0.30 | ug/Kg | | | 10/16/14 12:59 | 1 |
| cis-1,2-Dichloroethene | ND | | 5.0 | 0.64 | ug/Kg | | | 10/16/14 12:59 | 1 |
| cis-1,3-Dichloropropene | ND | | 5.0 | 0.72 | ug/Kg | | | 10/16/14 12:59 | 1 |
| Cyclohexane | ND | | 5.0 | 0.70 | ug/Kg | | | 10/16/14 12:59 | 1 |
| Dichlorodifluoromethane | ND | | 5.0 | 0.41 | ug/Kg | | | 10/16/14 12:59 | 1 |
| Ethylbenzene | ND | | 5.0 | 0.35 | ug/Kg | | | 10/16/14 12:59 | 1 |
| 1,2-Dibromoethane | ND | | 5.0 | 0.64 | ug/Kg | | | 10/16/14 12:59 | 1 |
| Isopropylbenzene | ND | | 5.0 | 0.75 | ug/Kg | | | 10/16/14 12:59 | 1 |
| Methyl acetate | ND | | 5.0 | 3.0 | ug/Kg | | | 10/16/14 12:59 | 1 |
| Methyl tert-butyl ether | ND | | 5.0 | 0.49 | ug/Kg | | | 10/16/14 12:59 | 1 |
| Methylcyclohexane | ND | | 5.0 | 0.76 | ug/Kg | | | 10/16/14 12:59 | 1 |
| Methylene Chloride | ND | | 5.0 | 2.3 | ug/Kg | | | 10/16/14 12:59 | 1 |
| Styrene | ND | | 5.0 | 0.25 | ug/Kg | | | 10/16/14 12:59 | 1 |
| Tetrachloroethene | ND | | 5.0 | 0.67 | ug/Kg | | | 10/16/14 12:59 | 1 |
| Toluene | ND | | 5.0 | 0.38 | ug/Kg | | | 10/16/14 12:59 | 1 |
| trans-1,2-Dichloroethene | ND | | 5.0 | 0.52 | ug/Kg | | | 10/16/14 12:59 | 1 |
| trans-1,3-Dichloropropene | ND | | 5.0 | 2.2 | ug/Kg | | | 10/16/14 12:59 | 1 |
| Trichloroethene | ND | | 5.0 | 1.1 | ug/Kg | | | 10/16/14 12:59 | 1 |
| Trichlorofluoromethane | ND | | 5.0 | 0.47 | ug/Kg | | | 10/16/14 12:59 | 1 |
| Vinyl chloride | ND | | 5.0 | 0.61 | ug/Kg | | | 10/16/14 12:59 | 1 |
| Xylenes, Total | ND | | 10 | 0.84 | ug/Kg | | | 10/16/14 12:59 | 1 |

## Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

**Lab Sample ID: MB 480-208126/7**
**Matrix: Solid**
**Analysis Batch: 208126**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| *Toluene-d8 (Surr)* | *102* | | *71 - 125* | | *10/16/14 12:59* | *1* |
| *1,2-Dichloroethane-d4 (Surr)* | *94* | | *64 - 126* | | *10/16/14 12:59* | *1* |
| *4-Bromofluorobenzene (Surr)* | *105* | | *72 - 126* | | *10/16/14 12:59* | *1* |
| *Dibromofluoromethane (Surr)* | *99* | | *60 - 140* | | *10/16/14 12:59* | *1* |

**Lab Sample ID: LCS 480-208126/5**
**Matrix: Solid**
**Analysis Batch: 208126**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethane | 50.0 | 50.2 | | ug/Kg | | 100 | 73 - 126 |
| 1,1-Dichloroethene | 50.0 | 46.0 | | ug/Kg | | 92 | 59 - 125 |
| 1,2-Dichlorobenzene | 50.0 | 48.7 | | ug/Kg | | 97 | 75 - 120 |
| 1,2-Dichloroethane | 50.0 | 49.3 | | ug/Kg | | 99 | 77 - 122 |
| Benzene | 50.0 | 48.8 | | ug/Kg | | 98 | 79 - 127 |
| Chlorobenzene | 50.0 | 48.9 | | ug/Kg | | 98 | 76 - 124 |
| cis-1,2-Dichloroethene | 50.0 | 49.9 | | ug/Kg | | 100 | 81 - 117 |
| Ethylbenzene | 50.0 | 48.2 | | ug/Kg | | 96 | 80 - 120 |
| Methyl tert-butyl ether | 50.0 | 50.9 | | ug/Kg | | 102 | 63 - 125 |
| Tetrachloroethene | 50.0 | 48.3 | | ug/Kg | | 97 | 74 - 122 |
| Toluene | 50.0 | 47.5 | | ug/Kg | | 95 | 74 - 128 |
| trans-1,2-Dichloroethene | 50.0 | 49.3 | | ug/Kg | | 99 | 78 - 126 |
| Trichloroethene | 50.0 | 49.2 | | ug/Kg | | 98 | 77 - 129 |

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|---|---|---|---|
| *Toluene-d8 (Surr)* | *101* | | *71 - 125* |
| *1,2-Dichloroethane-d4 (Surr)* | *99* | | *64 - 126* |
| *4-Bromofluorobenzene (Surr)* | *108* | | *72 - 126* |
| *Dibromofluoromethane (Surr)* | *103* | | *60 - 140* |

**Lab Sample ID: MB 480-208269/7**
**Matrix: Solid**
**Analysis Batch: 208269**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ND | | 5.0 | 0.36 | ug/Kg | | | 10/17/14 01:13 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 5.0 | 0.81 | ug/Kg | | | 10/17/14 01:13 | 1 |
| 1,1,2-Trichloroethane | ND | | 5.0 | 0.65 | ug/Kg | | | 10/17/14 01:13 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 5.0 | 1.1 | ug/Kg | | | 10/17/14 01:13 | 1 |
| 1,1-Dichloroethane | ND | | 5.0 | 0.61 | ug/Kg | | | 10/17/14 01:13 | 1 |
| 1,1-Dichloroethene | ND | | 5.0 | 0.61 | ug/Kg | | | 10/17/14 01:13 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 5.0 | 0.30 | ug/Kg | | | 10/17/14 01:13 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 5.0 | 2.5 | ug/Kg | | | 10/17/14 01:13 | 1 |
| 1,2-Dichlorobenzene | ND | | 5.0 | 0.39 | ug/Kg | | | 10/17/14 01:13 | 1 |
| 1,2-Dichloroethane | ND | | 5.0 | 0.25 | ug/Kg | | | 10/17/14 01:13 | 1 |
| 1,2-Dichloropropane | ND | | 5.0 | 2.5 | ug/Kg | | | 10/17/14 01:13 | 1 |
| 1,3-Dichlorobenzene | ND | | 5.0 | 0.26 | ug/Kg | | | 10/17/14 01:13 | 1 |
| 1,4-Dichlorobenzene | ND | | 5.0 | 0.70 | ug/Kg | | | 10/17/14 01:13 | 1 |

## Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

**Lab Sample ID: MB 480-208269/7**
**Matrix: Solid**
**Analysis Batch: 208269**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 2-Butanone (MEK) | ND | | 25 | 1.8 | ug/Kg | | | 10/17/14 01:13 | 1 |
| 2-Hexanone | ND | | 25 | 2.5 | ug/Kg | | | 10/17/14 01:13 | 1 |
| 4-Methyl-2-pentanone (MIBK) | ND | | 25 | 1.6 | ug/Kg | | | 10/17/14 01:13 | 1 |
| Acetone | ND | | 25 | 4.2 | ug/Kg | | | 10/17/14 01:13 | 1 |
| Benzene | ND | | 5.0 | 0.25 | ug/Kg | | | 10/17/14 01:13 | 1 |
| Bromodichloromethane | ND | | 5.0 | 0.67 | ug/Kg | | | 10/17/14 01:13 | 1 |
| Bromoform | ND | | 5.0 | 2.5 | ug/Kg | | | 10/17/14 01:13 | 1 |
| Bromomethane | ND | | 5.0 | 0.45 | ug/Kg | | | 10/17/14 01:13 | 1 |
| Carbon disulfide | ND | | 5.0 | 2.5 | ug/Kg | | | 10/17/14 01:13 | 1 |
| Carbon tetrachloride | ND | | 5.0 | 0.48 | ug/Kg | | | 10/17/14 01:13 | 1 |
| Chlorobenzene | ND | | 5.0 | 0.66 | ug/Kg | | | 10/17/14 01:13 | 1 |
| Dibromochloromethane | ND | | 5.0 | 0.64 | ug/Kg | | | 10/17/14 01:13 | 1 |
| Chloroethane | ND | | 5.0 | 1.1 | ug/Kg | | | 10/17/14 01:13 | 1 |
| Chloroform | ND | | 5.0 | 0.31 | ug/Kg | | | 10/17/14 01:13 | 1 |
| Chloromethane | ND | | 5.0 | 0.30 | ug/Kg | | | 10/17/14 01:13 | 1 |
| cis-1,2-Dichloroethene | ND | | 5.0 | 0.64 | ug/Kg | | | 10/17/14 01:13 | 1 |
| cis-1,3-Dichloropropene | ND | | 5.0 | 0.72 | ug/Kg | | | 10/17/14 01:13 | 1 |
| Cyclohexane | ND | | 5.0 | 0.70 | ug/Kg | | | 10/17/14 01:13 | 1 |
| Dichlorodifluoromethane | ND | | 5.0 | 0.41 | ug/Kg | | | 10/17/14 01:13 | 1 |
| Ethylbenzene | ND | | 5.0 | 0.35 | ug/Kg | | | 10/17/14 01:13 | 1 |
| 1,2-Dibromoethane | ND | | 5.0 | 0.64 | ug/Kg | | | 10/17/14 01:13 | 1 |
| Isopropylbenzene | ND | | 5.0 | 0.75 | ug/Kg | | | 10/17/14 01:13 | 1 |
| Methyl acetate | ND | | 5.0 | 3.0 | ug/Kg | | | 10/17/14 01:13 | 1 |
| Methyl tert-butyl ether | ND | | 5.0 | 0.49 | ug/Kg | | | 10/17/14 01:13 | 1 |
| Methylcyclohexane | ND | | 5.0 | 0.76 | ug/Kg | | | 10/17/14 01:13 | 1 |
| Methylene Chloride | ND | | 5.0 | 2.3 | ug/Kg | | | 10/17/14 01:13 | 1 |
| Styrene | ND | | 5.0 | 0.25 | ug/Kg | | | 10/17/14 01:13 | 1 |
| Tetrachloroethene | ND | | 5.0 | 0.67 | ug/Kg | | | 10/17/14 01:13 | 1 |
| Toluene | ND | | 5.0 | 0.38 | ug/Kg | | | 10/17/14 01:13 | 1 |
| trans-1,2-Dichloroethene | ND | | 5.0 | 0.52 | ug/Kg | | | 10/17/14 01:13 | 1 |
| trans-1,3-Dichloropropene | ND | | 5.0 | 2.2 | ug/Kg | | | 10/17/14 01:13 | 1 |
| Trichloroethene | ND | | 5.0 | 1.1 | ug/Kg | | | 10/17/14 01:13 | 1 |
| Trichlorofluoromethane | ND | | 5.0 | 0.47 | ug/Kg | | | 10/17/14 01:13 | 1 |
| Vinyl chloride | ND | | 5.0 | 0.61 | ug/Kg | | | 10/17/14 01:13 | 1 |
| Xylenes, Total | ND | | 10 | 0.84 | ug/Kg | | | 10/17/14 01:13 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Toluene-d8 (Surr)* | *102* | | *71 - 125* | | *10/17/14 01:13* | *1* |
| *1,2-Dichloroethane-d4 (Surr)* | *95* | | *64 - 126* | | *10/17/14 01:13* | *1* |
| *4-Bromofluorobenzene (Surr)* | *103* | | *72 - 126* | | *10/17/14 01:13* | *1* |
| *Dibromofluoromethane (Surr)* | *100* | | *60 - 140* | | *10/17/14 01:13* | *1* |

**Lab Sample ID: LCS 480-208269/5**
**Matrix: Solid**
**Analysis Batch: 208269**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethane | 50.0 | 52.3 | | ug/Kg | | 105 | 73 - 126 |

## Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

**Lab Sample ID: LCS 480-208269/5**
**Matrix: Solid**
**Analysis Batch: 208269**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | 50.0 | 51.8 | | ug/Kg | | 104 | 59 - 125 |
| 1,2-Dichlorobenzene | 50.0 | 50.2 | | ug/Kg | | 100 | 75 - 120 |
| 1,2-Dichloroethane | 50.0 | 50.0 | | ug/Kg | | 100 | 77 - 122 |
| Benzene | 50.0 | 51.5 | | ug/Kg | | 103 | 79 - 127 |
| Chlorobenzene | 50.0 | 51.0 | | ug/Kg | | 102 | 76 - 124 |
| cis-1,2-Dichloroethene | 50.0 | 52.5 | | ug/Kg | | 105 | 81 - 117 |
| Ethylbenzene | 50.0 | 50.9 | | ug/Kg | | 102 | 80 - 120 |
| Methyl tert-butyl ether | 50.0 | 50.6 | | ug/Kg | | 101 | 63 - 125 |
| Tetrachloroethene | 50.0 | 51.2 | | ug/Kg | | 102 | 74 - 122 |
| Toluene | 50.0 | 49.9 | | ug/Kg | | 100 | 74 - 128 |
| trans-1,2-Dichloroethene | 50.0 | 52.4 | | ug/Kg | | 105 | 78 - 126 |
| Trichloroethene | 50.0 | 52.0 | | ug/Kg | | 104 | 77 - 129 |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *Toluene-d8 (Surr)* | *100* | | *71 - 125* |
| *1,2-Dichloroethane-d4 (Surr)* | *97* | | *64 - 126* |
| *4-Bromofluorobenzene (Surr)* | *107* | | *72 - 126* |
| *Dibromofluoromethane (Surr)* | *102* | | *60 - 140* |

**Lab Sample ID: 480-69359-3 MS**
**Matrix: Solid**
**Analysis Batch: 208269**

**Client Sample ID: SB-10 (5-7)**
**Prep Type: Total/NA**
**Prep Batch: 208291**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethane | ND | | 27.3 | 25.3 | | ug/Kg | ☼ | 93 | 73 - 126 |
| 1,1-Dichloroethene | ND | | 27.3 | 24.0 | | ug/Kg | ☼ | 88 | 59 - 125 |
| 1,2-Dichlorobenzene | ND | | 27.3 | 21.6 | | ug/Kg | ☼ | 79 | 75 - 120 |
| 1,2-Dichloroethane | ND | | 27.3 | 23.9 | | ug/Kg | ☼ | 88 | 77 - 122 |
| Benzene | ND | | 27.3 | 24.5 | | ug/Kg | ☼ | 90 | 79 - 127 |
| Chlorobenzene | ND | | 27.3 | 23.3 | | ug/Kg | ☼ | 85 | 76 - 124 |
| cis-1,2-Dichloroethene | 0.55 | J | 27.3 | 25.1 | | ug/Kg | ☼ | 90 | 81 - 117 |
| Ethylbenzene | ND | | 27.3 | 23.0 | | ug/Kg | ☼ | 84 | 80 - 120 |
| Methyl tert-butyl ether | ND | | 27.3 | 24.3 | | ug/Kg | ☼ | 89 | 63 - 125 |
| Tetrachloroethene | 3.0 | | 27.3 | 24.5 | | ug/Kg | ☼ | 79 | 74 - 122 |
| Toluene | ND | | 27.3 | 23.3 | | ug/Kg | ☼ | 85 | 74 - 128 |
| trans-1,2-Dichloroethene | ND | | 27.3 | 24.0 | | ug/Kg | ☼ | 88 | 78 - 126 |
| Trichloroethene | ND | | 27.3 | 23.6 | | ug/Kg | ☼ | 87 | 77 - 129 |

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *Toluene-d8 (Surr)* | *104* | | *71 - 125* |
| *1,2-Dichloroethane-d4 (Surr)* | *96* | | *64 - 126* |
| *4-Bromofluorobenzene (Surr)* | *108* | | *72 - 126* |
| *Dibromofluoromethane (Surr)* | *104* | | *60 - 140* |

## Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

**Lab Sample ID: 480-69359-3 MSD**
**Matrix: Solid**
**Analysis Batch: 208269**

**Client Sample ID: SB-10 (5-7)**
**Prep Type: Total/NA**
**Prep Batch: 208291**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethane | ND | | 28.4 | 26.2 | | ug/Kg | ☼ | 92 | 73 - 126 | 3 | 30 |
| 1,1-Dichloroethene | ND | | 28.4 | 24.7 | | ug/Kg | ☼ | 87 | 59 - 125 | 3 | 30 |
| 1,2-Dichlorobenzene | ND | | 28.4 | 21.6 | | ug/Kg | ☼ | 76 | 75 - 120 | 0 | 30 |
| 1,2-Dichloroethane | ND | | 28.4 | 24.9 | | ug/Kg | ☼ | 88 | 77 - 122 | 4 | 30 |
| Benzene | ND | | 28.4 | 25.3 | | ug/Kg | ☼ | 89 | 79 - 127 | 3 | 30 |
| Chlorobenzene | ND | | 28.4 | 23.6 | | ug/Kg | ☼ | 83 | 76 - 124 | 1 | 30 |
| cis-1,2-Dichloroethene | 0.55 | J | 28.4 | 26.0 | | ug/Kg | ☼ | 90 | 81 - 117 | 3 | 30 |
| Ethylbenzene | ND | | 28.4 | 23.1 | | ug/Kg | ☼ | 81 | 80 - 120 | 1 | 30 |
| Methyl tert-butyl ether | ND | | 28.4 | 25.9 | | ug/Kg | ☼ | 91 | 63 - 125 | 6 | 30 |
| Tetrachloroethene | 3.0 | | 28.4 | 23.9 | F1 | ug/Kg | ☼ | 73 | 74 - 122 | 2 | 30 |
| Toluene | ND | | 28.4 | 23.7 | | ug/Kg | ☼ | 83 | 74 - 128 | 2 | 30 |
| trans-1,2-Dichloroethene | ND | | 28.4 | 24.8 | | ug/Kg | ☼ | 87 | 78 - 126 | 3 | 30 |
| Trichloroethene | ND | | 28.4 | 24.6 | | ug/Kg | ☼ | 87 | 77 - 129 | 4 | 30 |

| *Surrogate* | *MSD %Recovery* | *MSD Qualifier* | *Limits* |
|---|---|---|---|
| *Toluene-d8 (Surr)* | *102* | | *71 - 125* |
| *1,2-Dichloroethane-d4 (Surr)* | *94* | | *64 - 126* |
| *4-Bromofluorobenzene (Surr)* | *107* | | *72 - 126* |
| *Dibromofluoromethane (Surr)* | *105* | | *60 - 140* |

# QC Association Summary

Client: URS Corporation
Project/Site: Walgreens Site (Kingston, NY)

TestAmerica Job ID: 480-69359-1

## GC/MS VOA

### Analysis Batch: 208126

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 480-69359-1 | SB-10 (1-3) | Total/NA | Solid | 8260C | 208138 |
| 480-69359-2 | SB-10 (3-5) | Total/NA | Solid | 8260C | 208138 |
| 480-69359-3 | SB-10 (5-7) | Total/NA | Solid | 8260C | 208138 |
| LCS 480-208126/5 | Lab Control Sample | Total/NA | Solid | 8260C | |
| MB 480-208126/7 | Method Blank | Total/NA | Solid | 8260C | |

### Prep Batch: 208138

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 480-69359-1 | SB-10 (1-3) | Total/NA | Solid | 5035A | |
| 480-69359-2 | SB-10 (3-5) | Total/NA | Solid | 5035A | |
| 480-69359-3 | SB-10 (5-7) | Total/NA | Solid | 5035A | |
| 480-69359-4 | SB-10 (7-9) | Total/NA | Solid | 5035A | |
| 480-69359-5 | SB-7 (1-3) | Total/NA | Solid | 5035A | |
| 480-69359-6 | SB-7 (3-5) | Total/NA | Solid | 5035A | |
| 480-69359-7 | SB-7 (5-7) | Total/NA | Solid | 5035A | |
| 480-69359-8 | SB-7 (7-9) | Total/NA | Solid | 5035A | |
| 480-69359-9 | SB-10 (9-11) | Total/NA | Solid | 5035A | |

### Analysis Batch: 208269

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 480-69359-3 MS | SB-10 (5-7) | Total/NA | Solid | 8260C | 208291 |
| 480-69359-3 MSD | SB-10 (5-7) | Total/NA | Solid | 8260C | 208291 |
| 480-69359-4 | SB-10 (7-9) | Total/NA | Solid | 8260C | 208138 |
| 480-69359-5 | SB-7 (1-3) | Total/NA | Solid | 8260C | 208138 |
| 480-69359-6 | SB-7 (3-5) | Total/NA | Solid | 8260C | 208138 |
| 480-69359-7 | SB-7 (5-7) | Total/NA | Solid | 8260C | 208138 |
| 480-69359-8 | SB-7 (7-9) | Total/NA | Solid | 8260C | 208138 |
| 480-69359-9 | SB-10 (9-11) | Total/NA | Solid | 8260C | 208138 |
| LCS 480-208269/5 | Lab Control Sample | Total/NA | Solid | 8260C | |
| MB 480-208269/7 | Method Blank | Total/NA | Solid | 8260C | |

### Prep Batch: 208291

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 480-69359-3 MS | SB-10 (5-7) | Total/NA | Solid | 5035A | |
| 480-69359-3 MSD | SB-10 (5-7) | Total/NA | Solid | 5035A | |

## General Chemistry

### Analysis Batch: 208195

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 480-69359-1 | SB-10 (1-3) | Total/NA | Solid | Moisture | |
| 480-69359-2 | SB-10 (3-5) | Total/NA | Solid | Moisture | |
| 480-69359-3 | SB-10 (5-7) | Total/NA | Solid | Moisture | |
| 480-69359-3 MS | SB-10 (5-7) | Total/NA | Solid | Moisture | |
| 480-69359-3 MSD | SB-10 (5-7) | Total/NA | Solid | Moisture | |
| 480-69359-4 | SB-10 (7-9) | Total/NA | Solid | Moisture | |
| 480-69359-5 | SB-7 (1-3) | Total/NA | Solid | Moisture | |
| 480-69359-6 | SB-7 (3-5) | Total/NA | Solid | Moisture | |
| 480-69359-7 | SB-7 (5-7) | Total/NA | Solid | Moisture | |
| 480-69359-8 | SB-7 (7-9) | Total/NA | Solid | Moisture | |

## General Chemistry (Continued)

### Analysis Batch: 208195 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 480-69359-9 | SB-10 (9-11) | Total/NA | Solid | Moisture | |

# Lab Chronicle

Client: URS Corporation
Project/Site: Walgreens Site (Kingston, NY)

TestAmerica Job ID: 480-69359-1

## Client Sample ID: SB-10 (1-3)

**Lab Sample ID: 480-69359-1**
**Date Collected: 10/15/14 10:10**
**Matrix: Solid**
**Date Received: 10/16/14 01:00**
**Percent Solids: 92.7**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035A | | | 208138 | 10/16/14 10:49 | NMD1 | TAL BUF |
| Total/NA | Analysis | 8260C | | 1 | 208126 | 10/16/14 18:57 | CDC | TAL BUF |
| Total/NA | Analysis | Moisture | | 1 | 208195 | 10/16/14 15:12 | NMD1 | TAL BUF |

## Client Sample ID: SB-10 (3-5)

**Lab Sample ID: 480-69359-2**
**Date Collected: 10/15/14 10:15**
**Matrix: Solid**
**Date Received: 10/16/14 01:00**
**Percent Solids: 87.1**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035A | | | 208138 | 10/16/14 10:49 | NMD1 | TAL BUF |
| Total/NA | Analysis | 8260C | | 1 | 208126 | 10/16/14 19:23 | CDC | TAL BUF |
| Total/NA | Analysis | Moisture | | 1 | 208195 | 10/16/14 15:12 | NMD1 | TAL BUF |

## Client Sample ID: SB-10 (5-7)

**Lab Sample ID: 480-69359-3**
**Date Collected: 10/15/14 10:35**
**Matrix: Solid**
**Date Received: 10/16/14 01:00**
**Percent Solids: 90.6**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035A | | | 208138 | 10/16/14 10:49 | NMD1 | TAL BUF |
| Total/NA | Analysis | 8260C | | 1 | 208126 | 10/16/14 19:49 | CDC | TAL BUF |
| Total/NA | Analysis | Moisture | | 1 | 208195 | 10/16/14 15:12 | NMD1 | TAL BUF |

## Client Sample ID: SB-10 (7-9)

**Lab Sample ID: 480-69359-4**
**Date Collected: 10/15/14 10:55**
**Matrix: Solid**
**Date Received: 10/16/14 01:00**
**Percent Solids: 91.3**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035A | | | 208138 | 10/16/14 10:49 | NMD1 | TAL BUF |
| Total/NA | Analysis | 8260C | | 1 | 208269 | 10/17/14 04:54 | NMD1 | TAL BUF |
| Total/NA | Analysis | Moisture | | 1 | 208195 | 10/16/14 15:12 | NMD1 | TAL BUF |

## Client Sample ID: SB-7 (1-3)

**Lab Sample ID: 480-69359-5**
**Date Collected: 10/15/14 11:15**
**Matrix: Solid**
**Date Received: 10/16/14 01:00**
**Percent Solids: 92.7**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035A | | | 208138 | 10/16/14 10:49 | NMD1 | TAL BUF |
| Total/NA | Analysis | 8260C | | 1 | 208269 | 10/17/14 05:19 | NMD1 | TAL BUF |
| Total/NA | Analysis | Moisture | | 1 | 208195 | 10/16/14 15:12 | NMD1 | TAL BUF |

# Lab Chronicle

Client: URS Corporation
Project/Site: Walgreens Site (Kingston, NY)

TestAmerica Job ID: 480-69359-1

## Client Sample ID: SB-7 (3-5)

**Lab Sample ID: 480-69359-6**

**Date Collected: 10/15/14 11:20**
**Matrix: Solid**
**Date Received: 10/16/14 01:00**
**Percent Solids: 93.0**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035A | | | 208138 | 10/16/14 10:49 | NMD1 | TAL BUF |
| Total/NA | Analysis | 8260C | | 1 | 208269 | 10/17/14 05:45 | NMD1 | TAL BUF |
| Total/NA | Analysis | Moisture | | 1 | 208195 | 10/16/14 15:12 | NMD1 | TAL BUF |

## Client Sample ID: SB-7 (5-7)

**Lab Sample ID: 480-69359-7**

**Date Collected: 10/15/14 11:25**
**Matrix: Solid**
**Date Received: 10/16/14 01:00**
**Percent Solids: 88.1**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035A | | | 208138 | 10/16/14 10:49 | NMD1 | TAL BUF |
| Total/NA | Analysis | 8260C | | 1 | 208269 | 10/17/14 06:11 | NMD1 | TAL BUF |
| Total/NA | Analysis | Moisture | | 1 | 208195 | 10/16/14 15:12 | NMD1 | TAL BUF |

## Client Sample ID: SB-7 (7-9)

**Lab Sample ID: 480-69359-8**

**Date Collected: 10/15/14 11:35**
**Matrix: Solid**
**Date Received: 10/16/14 01:00**
**Percent Solids: 94.3**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035A | | | 208138 | 10/16/14 10:49 | NMD1 | TAL BUF |
| Total/NA | Analysis | 8260C | | 1 | 208269 | 10/17/14 06:37 | NMD1 | TAL BUF |
| Total/NA | Analysis | Moisture | | 1 | 208195 | 10/16/14 15:12 | NMD1 | TAL BUF |

## Client Sample ID: SB-10 (9-11)

**Lab Sample ID: 480-69359-9**

**Date Collected: 10/15/14 11:45**
**Matrix: Solid**
**Date Received: 10/16/14 01:00**
**Percent Solids: 88.8**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035A | | | 208138 | 10/16/14 10:49 | NMD1 | TAL BUF |
| Total/NA | Analysis | 8260C | | 1 | 208269 | 10/17/14 07:03 | NMD1 | TAL BUF |
| Total/NA | Analysis | Moisture | | 1 | 208195 | 10/16/14 15:12 | NMD1 | TAL BUF |

**Laboratory References:**

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

# Certification Summary

Client: URS Corporation
Project/Site: Walgreens Site (Kingston, NY)

TestAmerica Job ID: 480-69359-1

## Laboratory: TestAmerica Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

| Authority | Program | EPA Region | Certification ID | Expiration Date |
|---|---|---|---|---|
| New York | NELAP | 2 | 10026 | 03-31-15 |

The following analytes are included in this report, but certification is not offered by the governing authority:

| Analysis Method | Prep Method | Matrix | Analyte |
|---|---|---|---|
| Moisture | | Solid | Percent Moisture |
| Moisture | | Solid | Percent Solids |

# Method Summary

Client: URS Corporation
Project/Site: Walgreens Site (Kingston, NY)

TestAmerica Job ID: 480-69359-1

| Method | Method Description | Protocol | Laboratory |
|---|---|---|---|
| 8260C | Volatile Organic Compounds by GC/MS | SW846 | TAL BUF |
| Moisture | Percent Moisture | EPA | TAL BUF |

**Protocol References:**

EPA = US Environmental Protection Agency

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

**Laboratory References:**

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

# Sample Summary

Client: URS Corporation
Project/Site: Walgreens Site (Kingston, NY)

TestAmerica Job ID: 480-69359-1

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received |
|---|---|---|---|---|
| 480-69359-1 | SB-10 (1-3) | Solid | 10/15/14 10:10 | 10/16/14 01:00 |
| 480-69359-2 | SB-10 (3-5) | Solid | 10/15/14 10:15 | 10/16/14 01:00 |
| 480-69359-3 | SB-10 (5-7) | Solid | 10/15/14 10:35 | 10/16/14 01:00 |
| 480-69359-4 | SB-10 (7-9) | Solid | 10/15/14 10:55 | 10/16/14 01:00 |
| 480-69359-5 | SB-7 (1-3) | Solid | 10/15/14 11:15 | 10/16/14 01:00 |
| 480-69359-6 | SB-7 (3-5) | Solid | 10/15/14 11:20 | 10/16/14 01:00 |
| 480-69359-7 | SB-7 (5-7) | Solid | 10/15/14 11:25 | 10/16/14 01:00 |
| 480-69359-8 | SB-7 (7-9) | Solid | 10/15/14 11:35 | 10/16/14 01:00 |
| 480-69359-9 | SB-10 (9-11) | Solid | 10/15/14 11:45 | 10/16/14 01:00 |

**TestAmerica Albany**
25 Kraft Road
Albany, NY 12205

# Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

| Client Information | Sampler: M. Kuzia-Carmel | Lab PM: Deyo, Melissa L | Carrier Tracking No(s): | COC No: 480-56378-14876.5 |
|---|---|---|---|---|
| Client Contact: Michael Kuzia-Carmel | Phone: (518) 688-0015 | E-Mail: melissa.deyo@testamericainc.com | | Page: Page ~~5 of 8~~ 1 of 1 |
| Company: URS Corporation | | Analysis Requested | | Job #: 25369188 |
| Address: 3 Corporate Drive, Suite 203 | Due Date Requested: | | | Preservation Codes: |
| City: Clifton Park | TAT Requested (days): 14 day | | | A - HCL; B - NaOH; C - Zn Acetate; D - Nitric Acid; E - NaHSO4; F - MeOH; G - Amchlor; H - Ascorbic Acid; I - Ice; J - DI Water; K - EDTA; L - EDA; M - Hexane; N - None; O - AsNaO2; P - Na2O4S; Q - Na2SO3; R - Na2S2SO3; S - H2SO4; T - TSP Dodecahydrate; U - Acetone; V - MCAA; W - ph 4-5; Z - other (specify); Other: |
| State, Zip: NY, 12065 | | | | |
| Phone: 518-688-0015(Tel) | PO #: Peter.Fairbanks@urs.com | | | |
| Email: michael.kuzia-carmel@urs.com | WO #: Vendor# 1427536 | | | |
| Project Name: Walgreens Site (Kingston, NY) | Project #: 48006310 | | | |
| Site: | SSOW#: | | | |

| Sample Identification | Sample Date | Sample Time | Sample Type (C=comp, G=grab) | Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air) | Field Filtered Sample (Yes or No) | Perform MS/MSD (Yes or No) | 8260C - TCL Volatiles N | 8260C - TCL Volatiles A | Total Number of containers | Special Instructions/Note: |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | Preservation Code: | | | | | | | |
| SB-10 (1-3) | 10/15/14 | 1010 | C | Solid | | | X | X | | |
| SB-10 (3-5) | | 1015 | | Solid | | | X | X | | |
| SB-10 (5-7) | | 1035 | | Solid | | | X | X | | |
| SB-10 (7-9) | | 1055 | | Solid | | | X | X | | |
| SB-7 (1-3) | | 1115 | | Solid | | | X | X | | |
| SB-7 (3-5) | | 1120 | | Solid | | | X | X | | |
| SB-7 (5-7) | | 1125 | | Solid | | | X | X | | |
| SB-7 (7-9) | | 1135 | | Solid | | | X | X | | |
| MS - 10/15/2014 | | 1040 | | Solid | | X | | | | Parent= SB-10 (5-7) |
| MSD - 10/15/2014 | | 1045 | | Solid | | X | | | | Parent= SB-10 (5-7) |
| SB-10 (9-11) | | 1145 | | Solid | | | X | X | | |

480-69359 Chain of Custody

| Possible Hazard Identification | Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month) |
|---|---|
| [X] Non-Hazard [ ] Flammable [ ] Skin Irritant [ ] Poison B [ ] Unknown [ ] Radiological | [ ] Return To Client [X] Disposal By Lab [ ] Archive For _____ Months |
| Deliverable Requested: I, II, III, IV, Other (specify) | Special Instructions/QC Requirements: Need ASP Cat B QA/QC |

| Empty Kit Relinquished by: | Date: | Time: | Method of Shipment: |
|---|---|---|---|

| | Relinquished by: | Date/Time: | Company | Received by: | Date/Time: | Company |
|---|---|---|---|---|---|---|
| 1 | [signature] | 10/15/2014 - 1445 | URS | [signature] | 10-14-14 1445 | TA |
| 2 | [signature] | 10-15-14 1800 | TA | [signature] | 10/16/14 0100 | TA |
| 3 | | | | | | |

| Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: 3.2 #1 |
|---|---|---|

# Login Sample Receipt Checklist

Client: URS Corporation

Job Number: 480-69359-1

**Login Number: 69359**

**List Source: TestAmerica Buffalo**

**List Number: 1**

**Creator: Kolb, Chris M**

| Question | Answer | Comment |
|---|---|---|
| Radioactivity either was not measured or, if measured, is at or below background | True | |
| The cooler's custody seal, if present, is intact. | True | |
| The cooler or samples do not appear to have been compromised or tampered with. | True | |
| Samples were received on ice. | True | |
| Cooler Temperature is acceptable. | True | |
| Cooler Temperature is recorded. | True | |
| COC is present. | True | |
| COC is filled out in ink and legible. | True | |
| COC is filled out with all pertinent information. | True | |
| Is the Field Sampler's name present on COC? | True | |
| There are no discrepancies between the sample IDs on the containers and the COC. | True | |
| Samples are received within Holding Time. | True | |
| Sample containers have legible labels. | True | |
| Containers are not broken or leaking. | True | |
| Sample collection date/times are provided. | True | |
| Appropriate sample containers are used. | True | |
| Sample bottles are completely filled. | True | |
| Sample Preservation Verified | True | |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs | True | |
| VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter. | N/A | |
| If necessary, staff have been informed of any short hold time or quick TAT needs | True | |
| Multiphasic samples are not present. | True | |
| Samples do not require splitting or compositing. | True | |
| Sampling Company provided. | True | urs corp. |
| Samples received within 48 hours of sampling. | True | |
| Samples requiring field filtration have been filtered in the field. | True | |
| Chlorine Residual checked. | N/A | |

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

# ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

TestAmerica Job ID: 480-69271-1
Client Project/Site: Walgreens Site (Kingston, NY)

For:
URS Corporation
3 Corporate Drive, Suite 203
Clifton Park, New York 12065

Attn: Ms. Jennifer Gillies

*Authorized for release by:*
*10/24/2014 11:53:19 AM*
Rebecca Jones, Project Management Assistant I
rebecca.jones@testamericainc.com

Designee for

Melissa Deyo, Project Manager I
(716)504-9874
melissa.deyo@testamericainc.com

# Table of Contents

## Qualifiers

### GC/MS VOA

| Qualifier | Qualifier Description |
|---|---|
| J | Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value. |
| F1 | MS and/or MSD Recovery exceeds the control limits |
| F2 | MS/MSD RPD exceeds control limits |

## Glossary

| Abbreviation | These commonly used abbreviations may or may not be present in this report. |
|---|---|
| ¤ | Listed under the "D" column to designate that the result is reported on a dry weight basis |
| %R | Percent Recovery |
| CFL | Contains Free Liquid |
| CNF | Contains no Free Liquid |
| DER | Duplicate error ratio (normalized absolute difference) |
| Dil Fac | Dilution Factor |
| DL, RA, RE, IN | Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample |
| DLC | Decision level concentration |
| MDA | Minimum detectable activity |
| EDL | Estimated Detection Limit |
| MDC | Minimum detectable concentration |
| MDL | Method Detection Limit |
| ML | Minimum Level (Dioxin) |
| NC | Not Calculated |
| ND | Not detected at the reporting limit (or MDL or EDL if shown) |
| PQL | Practical Quantitation Limit |
| QC | Quality Control |
| RER | Relative error ratio |
| RL | Reporting Limit or Requested Limit (Radiochemistry) |
| RPD | Relative Percent Difference, a measure of the relative difference between two points |
| TEF | Toxicity Equivalent Factor (Dioxin) |
| TEQ | Toxicity Equivalent Quotient (Dioxin) |

## Job ID: 480-69271-1

**Laboratory: TestAmerica Buffalo**

**Narrative**

**Job Narrative**
**480-69271-1**

**Receipt**
The samples were received on 10/15/2014 1:30 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 3 coolers at receipt time were 2.7º C, 3.4º C and 4.2º C.

Except:

Sample received not listed on COC: SB-2 (6-8) (480-69271-37) . Information listed on sample container labels was used to login sample.

**GC/MS VOA**
Method(s) 8260C: The following sample(s) was analyzed and diluted using medium level soil technique to bring the concentration of target analytes within the calibration range: SB-5 (3-5) (480-69271-20). Elevated reporting limits (RLs) are provided.

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

# Detection Summary

Client: URS Corporation
Project/Site: Walgreens Site (Kingston, NY)

TestAmerica Job ID: 480-69271-1

## Client Sample ID: SB-1 (0-2) — Lab Sample ID: 480-69271-1

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | 0.27 | J | 2.1 | 0.10 | ug/Kg | 1 | ☼ | 8260C | Total/NA |
| Tetrachloroethene | 6.3 | | 2.1 | 0.28 | ug/Kg | 1 | ☼ | 8260C | Total/NA |
| Toluene | 0.36 | J | 2.1 | 0.16 | ug/Kg | 1 | ☼ | 8260C | Total/NA |

## Client Sample ID: SB-1 (2-4) — Lab Sample ID: 480-69271-2

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | 0.23 | J | 2.1 | 0.10 | ug/Kg | 1 | ☼ | 8260C | Total/NA |
| Tetrachloroethene | 26 | | 2.1 | 0.28 | ug/Kg | 1 | ☼ | 8260C | Total/NA |
| Toluene | 0.35 | J | 2.1 | 0.16 | ug/Kg | 1 | ☼ | 8260C | Total/NA |

## Client Sample ID: SB-1 (4-6) — Lab Sample ID: 480-69271-3

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Tetrachloroethene | 11 | | 2.5 | 0.33 | ug/Kg | 1 | ☼ | 8260C | Total/NA |

## Client Sample ID: SB-1 (6-8) — Lab Sample ID: 480-69271-4

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 5.7 | J | 12 | 2.0 | ug/Kg | 1 | ☼ | 8260C | Total/NA |
| Tetrachloroethene | 10 | | 2.3 | 0.31 | ug/Kg | 1 | ☼ | 8260C | Total/NA |

## Client Sample ID: SB-1 (8-9) — Lab Sample ID: 480-69271-5

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Tetrachloroethene | 39 | | 2.3 | 0.31 | ug/Kg | 1 | ☼ | 8260C | Total/NA |

## Client Sample ID: SB-2 (0-2) — Lab Sample ID: 480-69271-6

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 17 | | 17 | 2.8 | ug/Kg | 1 | ☼ | 8260C | Total/NA |

## Client Sample ID: SB-2 (2-4) — Lab Sample ID: 480-69271-7

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 2.0 | J | 10 | 1.7 | ug/Kg | 1 | ☼ | 8260C | Total/NA |
| Tetrachloroethene | 1.3 | J | 2.1 | 0.28 | ug/Kg | 1 | ☼ | 8260C | Total/NA |

## Client Sample ID: SB-2 (4-6) — Lab Sample ID: 480-69271-8

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Tetrachloroethene | 16 | | 2.3 | 0.31 | ug/Kg | 1 | ☼ | 8260C | Total/NA |

## Client Sample ID: SB-2 (8-9) — Lab Sample ID: 480-69271-9

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Tetrachloroethene | 2.7 | | 2.5 | 0.33 | ug/Kg | 1 | ☼ | 8260C | Total/NA |

## Client Sample ID: SB-2 (10-12) — Lab Sample ID: 480-69271-10

This Detection Summary does not include radiochemical test results.

## Client Sample ID: SB-2 (10-12) (Continued) — Lab Sample ID: 480-69271-10

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Tetrachloroethene | 0.37 | J | 2.6 | 0.35 | ug/Kg | 1 | ☼ | 8260C | Total/NA |

## Client Sample ID: SB-3 (0-2) — Lab Sample ID: 480-69271-11

No Detections.

## Client Sample ID: SB-3 (2-4) — Lab Sample ID: 480-69271-12

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Tetrachloroethene | 0.69 | J | 1.8 | 0.24 | ug/Kg | 1 | ☼ | 8260C | Total/NA |

## Client Sample ID: SB-3 (4-6) — Lab Sample ID: 480-69271-13

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Tetrachloroethene | 0.71 | J | 2.4 | 0.32 | ug/Kg | 1 | ☼ | 8260C | Total/NA |

## Client Sample ID: SB-3 (6-8) — Lab Sample ID: 480-69271-14

No Detections.

## Client Sample ID: SB-4 (1-3) — Lab Sample ID: 480-69271-15

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 6.7 | J | 12 | 2.0 | ug/Kg | 1 | ☼ | 8260C | Total/NA |
| Tetrachloroethene | 29 | | 2.4 | 0.32 | ug/Kg | 1 | ☼ | 8260C | Total/NA |

## Client Sample ID: SB-4 (3-5) — Lab Sample ID: 480-69271-16

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Tetrachloroethene | 24 | | 2.4 | 0.32 | ug/Kg | 1 | ☼ | 8260C | Total/NA |

## Client Sample ID: SB-4 (5-7) — Lab Sample ID: 480-69271-17

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 7.7 | J | 14 | 2.3 | ug/Kg | 1 | ☼ | 8260C | Total/NA |
| Tetrachloroethene | 2.4 | J | 2.7 | 0.36 | ug/Kg | 1 | ☼ | 8260C | Total/NA |

## Client Sample ID: SB-4 (7-9) — Lab Sample ID: 480-69271-18

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Tetrachloroethene | 4.9 | | 2.8 | 0.37 | ug/Kg | 1 | ☼ | 8260C | Total/NA |

## Client Sample ID: SB-5 (1-3) — Lab Sample ID: 480-69271-19

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 5.7 | J | 12 | 2.0 | ug/Kg | 1 | ☼ | 8260C | Total/NA |
| Tetrachloroethene | 21 | | 2.3 | 0.31 | ug/Kg | 1 | ☼ | 8260C | Total/NA |

## Client Sample ID: SB-5 (3-5) — Lab Sample ID: 480-69271-20

This Detection Summary does not include radiochemical test results.

## Client Sample ID: SB-5 (3-5) (Continued) — Lab Sample ID: 480-69271-20

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 6.6 | J | 12 | 2.0 | ug/Kg | 1 | ☼ | 8260C | Total/NA |
| Trichloroethene | 3.3 | | 2.4 | 0.52 | ug/Kg | 1 | ☼ | 8260C | Total/NA |
| Tetrachloroethene - DL | 1700 | | 36 | 4.8 | ug/Kg | 1 | ☼ | 8260C | Total/NA |

## Client Sample ID: SB-5 (5-7) — Lab Sample ID: 480-69271-21

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Tetrachloroethene | 60 | | 2.1 | 0.29 | ug/Kg | 1 | ☼ | 8260C | Total/NA |
| Trichloroethene | 1.1 | J | 2.1 | 0.47 | ug/Kg | 1 | ☼ | 8260C | Total/NA |

## Client Sample ID: SB-5 (7-9) — Lab Sample ID: 480-69271-22

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 3.6 | J | 14 | 2.3 | ug/Kg | 1 | ☼ | 8260C | Total/NA |
| Tetrachloroethene | 23 | | 2.8 | 0.37 | ug/Kg | 1 | ☼ | 8260C | Total/NA |

## Client Sample ID: SB-6 (1-3) — Lab Sample ID: 480-69271-23

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Tetrachloroethene | 0.92 | J | 2.4 | 0.32 | ug/Kg | 1 | ☼ | 8260C | Total/NA |

## Client Sample ID: SB-6 (3-5) — Lab Sample ID: 480-69271-24

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 9.7 | J | 12 | 2.0 | ug/Kg | 1 | ☼ | 8260C | Total/NA |
| Tetrachloroethene | 2.3 | J | 2.4 | 0.32 | ug/Kg | 1 | ☼ | 8260C | Total/NA |

## Client Sample ID: SB-6 (5-7) — Lab Sample ID: 480-69271-25

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 11 | J | 13 | 2.3 | ug/Kg | 1 | ☼ | 8260C | Total/NA |
| Tetrachloroethene | 1.0 | J | 2.7 | 0.36 | ug/Kg | 1 | ☼ | 8260C | Total/NA |

## Client Sample ID: SB-6 (7-9) — Lab Sample ID: 480-69271-26

No Detections.

## Client Sample ID: SB-8 (1-3) — Lab Sample ID: 480-69271-27

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Tetrachloroethene | 4.5 | | 2.4 | 0.32 | ug/Kg | 1 | ☼ | 8260C | Total/NA |

## Client Sample ID: SB-8 (3-5) — Lab Sample ID: 480-69271-28

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Tetrachloroethene | 21 | | 2.2 | 0.30 | ug/Kg | 1 | ☼ | 8260C | Total/NA |

## Client Sample ID: SB-8 (5-7) — Lab Sample ID: 480-69271-29

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 3.3 | J | 13 | 2.3 | ug/Kg | 1 | ☼ | 8260C | Total/NA |

This Detection Summary does not include radiochemical test results.

## Client Sample ID: SB-8 (5-7) (Continued) — Lab Sample ID: 480-69271-29

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Tetrachloroethene | 8.2 | | 2.7 | 0.36 | ug/Kg | 1 | ☼ | 8260C | Total/NA |

## Client Sample ID: SB-8 (7-8) — Lab Sample ID: 480-69271-30

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 8.8 | J | 13 | 2.2 | ug/Kg | 1 | ☼ | 8260C | Total/NA |
| Tetrachloroethene | 3.3 | | 2.6 | 0.35 | ug/Kg | 1 | ☼ | 8260C | Total/NA |

## Client Sample ID: SB-9 (0-2) — Lab Sample ID: 480-69271-31

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Tetrachloroethene | 0.68 | J | 2.6 | 0.35 | ug/Kg | 1 | ☼ | 8260C | Total/NA |

## Client Sample ID: SB-9 (2-4) — Lab Sample ID: 480-69271-32

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Tetrachloroethene | 5.8 | | 2.2 | 0.29 | ug/Kg | 1 | ☼ | 8260C | Total/NA |

## Client Sample ID: SB-9 (4-6) — Lab Sample ID: 480-69271-33

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Tetrachloroethene | 14 | | 2.3 | 0.31 | ug/Kg | 1 | ☼ | 8260C | Total/NA |

## Client Sample ID: SB-9 (6-8) — Lab Sample ID: 480-69271-34

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Tetrachloroethene | 8.2 | | 2.4 | 0.33 | ug/Kg | 1 | ☼ | 8260C | Total/NA |

## Client Sample ID: SB-9 (8-9) — Lab Sample ID: 480-69271-35

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 15 | | 12 | 2.0 | ug/Kg | 1 | ☼ | 8260C | Total/NA |
| Tetrachloroethene | 1.9 | J | 2.4 | 0.32 | ug/Kg | 1 | ☼ | 8260C | Total/NA |

## Client Sample ID: SB-9 (10-12) — Lab Sample ID: 480-69271-36

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Tetrachloroethene | 2.2 | J | 2.8 | 0.37 | ug/Kg | 1 | ☼ | 8260C | Total/NA |

## Client Sample ID: SB-2 (6-8) — Lab Sample ID: 480-69271-37

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Tetrachloroethene | 2.5 | | 2.3 | 0.31 | ug/Kg | 1 | ☼ | 8260C | Total/NA |

This Detection Summary does not include radiochemical test results.

Client: URS Corporation
Project/Site: Walgreens Site (Kingston, NY)

TestAmerica Job ID: 480-69271-1

**Client Sample ID: SB-1 (0-2)**
**Date Collected: 10/14/14 10:45**
**Date Received: 10/15/14 01:30**

**Lab Sample ID: 480-69271-1**
**Matrix: Solid**
**Percent Solids: 84.1**

**Method: 8260C - Volatile Organic Compounds by GC/MS**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ND | | 2.1 | 0.15 | ug/Kg | ☼ | 10/17/14 12:42 | 10/17/14 13:10 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.1 | 0.33 | ug/Kg | ☼ | 10/17/14 12:42 | 10/17/14 13:10 | 1 |
| 1,1,2-Trichloroethane | ND | | 2.1 | 0.27 | ug/Kg | ☼ | 10/17/14 12:42 | 10/17/14 13:10 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 2.1 | 0.47 | ug/Kg | ☼ | 10/17/14 12:42 | 10/17/14 13:10 | 1 |
| 1,1-Dichloroethane | ND | | 2.1 | 0.25 | ug/Kg | ☼ | 10/17/14 12:42 | 10/17/14 13:10 | 1 |
| 1,1-Dichloroethene | ND | | 2.1 | 0.25 | ug/Kg | ☼ | 10/17/14 12:42 | 10/17/14 13:10 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.1 | 0.13 | ug/Kg | ☼ | 10/17/14 12:42 | 10/17/14 13:10 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 2.1 | 1.0 | ug/Kg | ☼ | 10/17/14 12:42 | 10/17/14 13:10 | 1 |
| 1,2-Dichlorobenzene | ND | | 2.1 | 0.16 | ug/Kg | ☼ | 10/17/14 12:42 | 10/17/14 13:10 | 1 |
| 1,2-Dichloroethane | ND | | 2.1 | 0.10 | ug/Kg | ☼ | 10/17/14 12:42 | 10/17/14 13:10 | 1 |
| 1,2-Dichloropropane | ND | | 2.1 | 1.0 | ug/Kg | ☼ | 10/17/14 12:42 | 10/17/14 13:10 | 1 |
| 1,3-Dichlorobenzene | ND | | 2.1 | 0.11 | ug/Kg | ☼ | 10/17/14 12:42 | 10/17/14 13:10 | 1 |
| 1,4-Dichlorobenzene | ND | | 2.1 | 0.29 | ug/Kg | ☼ | 10/17/14 12:42 | 10/17/14 13:10 | 1 |
| 2-Butanone (MEK) | ND | | 10 | 0.76 | ug/Kg | ☼ | 10/17/14 12:42 | 10/17/14 13:10 | 1 |
| 2-Hexanone | ND | | 10 | 1.0 | ug/Kg | ☼ | 10/17/14 12:42 | 10/17/14 13:10 | 1 |
| 4-Methyl-2-pentanone (MIBK) | ND | | 10 | 0.68 | ug/Kg | ☼ | 10/17/14 12:42 | 10/17/14 13:10 | 1 |
| Acetone | ND | | 10 | 1.7 | ug/Kg | ☼ | 10/17/14 12:42 | 10/17/14 13:10 | 1 |
| **Benzene** | **0.27** | **J** | 2.1 | 0.10 | ug/Kg | ☼ | 10/17/14 12:42 | 10/17/14 13:10 | 1 |
| Bromodichloromethane | ND | | 2.1 | 0.28 | ug/Kg | ☼ | 10/17/14 12:42 | 10/17/14 13:10 | 1 |
| Bromoform | ND | | 2.1 | 1.0 | ug/Kg | ☼ | 10/17/14 12:42 | 10/17/14 13:10 | 1 |
| Bromomethane | ND | | 2.1 | 0.19 | ug/Kg | ☼ | 10/17/14 12:42 | 10/17/14 13:10 | 1 |
| Carbon disulfide | ND | | 2.1 | 1.0 | ug/Kg | ☼ | 10/17/14 12:42 | 10/17/14 13:10 | 1 |
| Carbon tetrachloride | ND | | 2.1 | 0.20 | ug/Kg | ☼ | 10/17/14 12:42 | 10/17/14 13:10 | 1 |
| Chlorobenzene | ND | | 2.1 | 0.27 | ug/Kg | ☼ | 10/17/14 12:42 | 10/17/14 13:10 | 1 |
| Dibromochloromethane | ND | | 2.1 | 0.26 | ug/Kg | ☼ | 10/17/14 12:42 | 10/17/14 13:10 | 1 |
| Chloroethane | ND | | 2.1 | 0.47 | ug/Kg | ☼ | 10/17/14 12:42 | 10/17/14 13:10 | 1 |
| Chloroform | ND | | 2.1 | 0.13 | ug/Kg | ☼ | 10/17/14 12:42 | 10/17/14 13:10 | 1 |
| Chloromethane | ND | | 2.1 | 0.12 | ug/Kg | ☼ | 10/17/14 12:42 | 10/17/14 13:10 | 1 |
| cis-1,2-Dichloroethene | ND | | 2.1 | 0.26 | ug/Kg | ☼ | 10/17/14 12:42 | 10/17/14 13:10 | 1 |
| cis-1,3-Dichloropropene | ND | | 2.1 | 0.30 | ug/Kg | ☼ | 10/17/14 12:42 | 10/17/14 13:10 | 1 |
| Cyclohexane | ND | | 2.1 | 0.29 | ug/Kg | ☼ | 10/17/14 12:42 | 10/17/14 13:10 | 1 |
| Dichlorodifluoromethane | ND | | 2.1 | 0.17 | ug/Kg | ☼ | 10/17/14 12:42 | 10/17/14 13:10 | 1 |
| Ethylbenzene | ND | | 2.1 | 0.14 | ug/Kg | ☼ | 10/17/14 12:42 | 10/17/14 13:10 | 1 |
| 1,2-Dibromoethane | ND | | 2.1 | 0.26 | ug/Kg | ☼ | 10/17/14 12:42 | 10/17/14 13:10 | 1 |
| Isopropylbenzene | ND | | 2.1 | 0.31 | ug/Kg | ☼ | 10/17/14 12:42 | 10/17/14 13:10 | 1 |
| Methyl acetate | ND | | 2.1 | 1.2 | ug/Kg | ☼ | 10/17/14 12:42 | 10/17/14 13:10 | 1 |
| Methyl tert-butyl ether | ND | | 2.1 | 0.20 | ug/Kg | ☼ | 10/17/14 12:42 | 10/17/14 13:10 | 1 |
| Methylcyclohexane | ND | | 2.1 | 0.31 | ug/Kg | ☼ | 10/17/14 12:42 | 10/17/14 13:10 | 1 |
| Methylene Chloride | ND | | 2.1 | 0.95 | ug/Kg | ☼ | 10/17/14 12:42 | 10/17/14 13:10 | 1 |
| Styrene | ND | | 2.1 | 0.10 | ug/Kg | ☼ | 10/17/14 12:42 | 10/17/14 13:10 | 1 |
| **Tetrachloroethene** | **6.3** | | 2.1 | 0.28 | ug/Kg | ☼ | 10/17/14 12:42 | 10/17/14 13:10 | 1 |
| **Toluene** | **0.36** | **J** | 2.1 | 0.16 | ug/Kg | ☼ | 10/17/14 12:42 | 10/17/14 13:10 | 1 |
| trans-1,2-Dichloroethene | ND | | 2.1 | 0.21 | ug/Kg | ☼ | 10/17/14 12:42 | 10/17/14 13:10 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.1 | 0.91 | ug/Kg | ☼ | 10/17/14 12:42 | 10/17/14 13:10 | 1 |
| Trichloroethene | ND | | 2.1 | 0.45 | ug/Kg | ☼ | 10/17/14 12:42 | 10/17/14 13:10 | 1 |
| Trichlorofluoromethane | ND | | 2.1 | 0.20 | ug/Kg | ☼ | 10/17/14 12:42 | 10/17/14 13:10 | 1 |
| Vinyl chloride | ND | | 2.1 | 0.25 | ug/Kg | ☼ | 10/17/14 12:42 | 10/17/14 13:10 | 1 |
| Xylenes, Total | ND | | 4.1 | 0.35 | ug/Kg | ☼ | 10/17/14 12:42 | 10/17/14 13:10 | 1 |

Client: URS Corporation
Project/Site: Walgreens Site (Kingston, NY)

TestAmerica Job ID: 480-69271-1

## Client Sample ID: SB-1 (0-2)

**Lab Sample ID: 480-69271-1**

**Date Collected: 10/14/14 10:45**
**Matrix: Solid**
**Date Received: 10/15/14 01:30**
**Percent Solids: 84.1**

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| *Toluene-d8 (Surr)* | *110* | | *71 - 125* | *10/17/14 12:42* | *10/17/14 13:10* | *1* |
| *1,2-Dichloroethane-d4 (Surr)* | *114* | | *64 - 126* | *10/17/14 12:42* | *10/17/14 13:10* | *1* |
| *4-Bromofluorobenzene (Surr)* | *97* | | *72 - 126* | *10/17/14 12:42* | *10/17/14 13:10* | *1* |
| *Dibromofluoromethane (Surr)* | *111* | | *60 - 140* | *10/17/14 12:42* | *10/17/14 13:10* | *1* |

## Client Sample ID: SB-1 (2-4)

**Lab Sample ID: 480-69271-2**

**Date Collected: 10/14/14 10:55**
**Matrix: Solid**
**Date Received: 10/15/14 01:30**
**Percent Solids: 88.5**

### Method: 8260C - Volatile Organic Compounds by GC/MS

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ND | | 2.1 | 0.15 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 07:54 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.1 | 0.34 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 07:54 | 1 |
| 1,1,2-Trichloroethane | ND | | 2.1 | 0.27 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 07:54 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 2.1 | 0.48 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 07:54 | 1 |
| 1,1-Dichloroethane | ND | | 2.1 | 0.26 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 07:54 | 1 |
| 1,1-Dichloroethene | ND | | 2.1 | 0.26 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 07:54 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.1 | 0.13 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 07:54 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 2.1 | 1.1 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 07:54 | 1 |
| 1,2-Dichlorobenzene | ND | | 2.1 | 0.16 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 07:54 | 1 |
| 1,2-Dichloroethane | ND | | 2.1 | 0.11 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 07:54 | 1 |
| 1,2-Dichloropropane | ND | | 2.1 | 1.1 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 07:54 | 1 |
| 1,3-Dichlorobenzene | ND | | 2.1 | 0.11 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 07:54 | 1 |
| 1,4-Dichlorobenzene | ND | | 2.1 | 0.29 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 07:54 | 1 |
| 2-Butanone (MEK) | ND | | 11 | 0.77 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 07:54 | 1 |
| 2-Hexanone | ND | | 11 | 1.1 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 07:54 | 1 |
| 4-Methyl-2-pentanone (MIBK) | ND | | 11 | 0.69 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 07:54 | 1 |
| Acetone | ND | | 11 | 1.8 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 07:54 | 1 |
| **Benzene** | **0.23** | **J** | 2.1 | 0.10 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 07:54 | 1 |
| Bromodichloromethane | ND | | 2.1 | 0.28 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 07:54 | 1 |
| Bromoform | ND | | 2.1 | 1.1 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 07:54 | 1 |
| Bromomethane | ND | | 2.1 | 0.19 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 07:54 | 1 |
| Carbon disulfide | ND | | 2.1 | 1.1 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 07:54 | 1 |
| Carbon tetrachloride | ND | | 2.1 | 0.20 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 07:54 | 1 |
| Chlorobenzene | ND | | 2.1 | 0.28 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 07:54 | 1 |
| Dibromochloromethane | ND | | 2.1 | 0.27 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 07:54 | 1 |
| Chloroethane | ND | | 2.1 | 0.48 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 07:54 | 1 |
| Chloroform | ND | | 2.1 | 0.13 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 07:54 | 1 |
| Chloromethane | ND | | 2.1 | 0.13 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 07:54 | 1 |
| cis-1,2-Dichloroethene | ND | | 2.1 | 0.27 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 07:54 | 1 |
| cis-1,3-Dichloropropene | ND | | 2.1 | 0.30 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 07:54 | 1 |
| Cyclohexane | ND | | 2.1 | 0.29 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 07:54 | 1 |
| Dichlorodifluoromethane | ND | | 2.1 | 0.17 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 07:54 | 1 |
| Ethylbenzene | ND | | 2.1 | 0.15 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 07:54 | 1 |
| 1,2-Dibromoethane | ND | | 2.1 | 0.27 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 07:54 | 1 |
| Isopropylbenzene | ND | | 2.1 | 0.32 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 07:54 | 1 |
| Methyl acetate | ND | | 2.1 | 1.3 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 07:54 | 1 |
| Methyl tert-butyl ether | ND | | 2.1 | 0.21 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 07:54 | 1 |
| Methylcyclohexane | ND | | 2.1 | 0.32 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 07:54 | 1 |
| Methylene Chloride | ND | | 2.1 | 0.97 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 07:54 | 1 |

## Client Sample ID: SB-1 (2-4)

**Lab Sample ID: 480-69271-2**

**Date Collected: 10/14/14 10:55**
**Matrix: Solid**
**Date Received: 10/15/14 01:30**
**Percent Solids: 88.5**

### Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Styrene | ND | | 2.1 | 0.11 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 07:54 | 1 |
| **Tetrachloroethene** | **26** | | 2.1 | 0.28 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 07:54 | 1 |
| **Toluene** | **0.35** | **J** | 2.1 | 0.16 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 07:54 | 1 |
| trans-1,2-Dichloroethene | ND | | 2.1 | 0.22 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 07:54 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.1 | 0.93 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 07:54 | 1 |
| Trichloroethene | ND | | 2.1 | 0.46 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 07:54 | 1 |
| Trichlorofluoromethane | ND | | 2.1 | 0.20 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 07:54 | 1 |
| Vinyl chloride | ND | | 2.1 | 0.26 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 07:54 | 1 |
| Xylenes, Total | ND | | 4.2 | 0.35 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 07:54 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Toluene-d8 (Surr)* | *102* | | *71 - 125* | *10/16/14 18:11* | *10/17/14 07:54* | *1* |
| *1,2-Dichloroethane-d4 (Surr)* | *105* | | *64 - 126* | *10/16/14 18:11* | *10/17/14 07:54* | *1* |
| *4-Bromofluorobenzene (Surr)* | *104* | | *72 - 126* | *10/16/14 18:11* | *10/17/14 07:54* | *1* |
| *Dibromofluoromethane (Surr)* | *103* | | *60 - 140* | *10/16/14 18:11* | *10/17/14 07:54* | *1* |

## Client Sample ID: SB-1 (4-6)

**Lab Sample ID: 480-69271-3**

**Date Collected: 10/14/14 11:05**
**Matrix: Solid**
**Date Received: 10/15/14 01:30**
**Percent Solids: 90.4**

### Method: 8260C - Volatile Organic Compounds by GC/MS

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ND | | 2.5 | 0.18 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 08:20 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.5 | 0.40 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 08:20 | 1 |
| 1,1,2-Trichloroethane | ND | | 2.5 | 0.32 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 08:20 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 2.5 | 0.56 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 08:20 | 1 |
| 1,1-Dichloroethane | ND | | 2.5 | 0.30 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 08:20 | 1 |
| 1,1-Dichloroethene | ND | | 2.5 | 0.30 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 08:20 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.5 | 0.15 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 08:20 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 2.5 | 1.2 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 08:20 | 1 |
| 1,2-Dichlorobenzene | ND | | 2.5 | 0.19 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 08:20 | 1 |
| 1,2-Dichloroethane | ND | | 2.5 | 0.12 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 08:20 | 1 |
| 1,2-Dichloropropane | ND | | 2.5 | 1.2 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 08:20 | 1 |
| 1,3-Dichlorobenzene | ND | | 2.5 | 0.13 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 08:20 | 1 |
| 1,4-Dichlorobenzene | ND | | 2.5 | 0.34 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 08:20 | 1 |
| 2-Butanone (MEK) | ND | | 12 | 0.90 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 08:20 | 1 |
| 2-Hexanone | ND | | 12 | 1.2 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 08:20 | 1 |
| 4-Methyl-2-pentanone (MIBK) | ND | | 12 | 0.80 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 08:20 | 1 |
| Acetone | ND | | 12 | 2.1 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 08:20 | 1 |
| Benzene | ND | | 2.5 | 0.12 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 08:20 | 1 |
| Bromodichloromethane | ND | | 2.5 | 0.33 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 08:20 | 1 |
| Bromoform | ND | | 2.5 | 1.2 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 08:20 | 1 |
| Bromomethane | ND | | 2.5 | 0.22 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 08:20 | 1 |
| Carbon disulfide | ND | | 2.5 | 1.2 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 08:20 | 1 |
| Carbon tetrachloride | ND | | 2.5 | 0.24 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 08:20 | 1 |
| Chlorobenzene | ND | | 2.5 | 0.32 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 08:20 | 1 |
| Dibromochloromethane | ND | | 2.5 | 0.31 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 08:20 | 1 |
| Chloroethane | ND | | 2.5 | 0.55 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 08:20 | 1 |
| Chloroform | ND | | 2.5 | 0.15 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 08:20 | 1 |
| Chloromethane | ND | | 2.5 | 0.15 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 08:20 | 1 |

## Client Sample ID: SB-1 (4-6)

**Date Collected: 10/14/14 11:05**
**Date Received: 10/15/14 01:30**

**Lab Sample ID: 480-69271-3**
**Matrix: Solid**
**Percent Solids: 90.4**

### Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| cis-1,2-Dichloroethene | ND | | 2.5 | 0.31 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 08:20 | 1 |
| cis-1,3-Dichloropropene | ND | | 2.5 | 0.35 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 08:20 | 1 |
| Cyclohexane | ND | | 2.5 | 0.34 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 08:20 | 1 |
| Dichlorodifluoromethane | ND | | 2.5 | 0.20 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 08:20 | 1 |
| Ethylbenzene | ND | | 2.5 | 0.17 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 08:20 | 1 |
| 1,2-Dibromoethane | ND | | 2.5 | 0.31 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 08:20 | 1 |
| Isopropylbenzene | ND | | 2.5 | 0.37 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 08:20 | 1 |
| Methyl acetate | ND | | 2.5 | 1.5 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 08:20 | 1 |
| Methyl tert-butyl ether | ND | | 2.5 | 0.24 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 08:20 | 1 |
| Methylcyclohexane | ND | | 2.5 | 0.37 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 08:20 | 1 |
| Methylene Chloride | ND | | 2.5 | 1.1 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 08:20 | 1 |
| Styrene | ND | | 2.5 | 0.12 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 08:20 | 1 |
| **Tetrachloroethene** | **11** | | 2.5 | 0.33 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 08:20 | 1 |
| Toluene | ND | | 2.5 | 0.19 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 08:20 | 1 |
| trans-1,2-Dichloroethene | ND | | 2.5 | 0.25 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 08:20 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.5 | 1.1 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 08:20 | 1 |
| Trichloroethene | ND | | 2.5 | 0.54 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 08:20 | 1 |
| Trichlorofluoromethane | ND | | 2.5 | 0.23 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 08:20 | 1 |
| Vinyl chloride | ND | | 2.5 | 0.30 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 08:20 | 1 |
| Xylenes, Total | ND | | 4.9 | 0.41 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 08:20 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Toluene-d8 (Surr)* | *101* | | *71 - 125* | *10/16/14 18:11* | *10/17/14 08:20* | *1* |
| *1,2-Dichloroethane-d4 (Surr)* | *104* | | *64 - 126* | *10/16/14 18:11* | *10/17/14 08:20* | *1* |
| *4-Bromofluorobenzene (Surr)* | *106* | | *72 - 126* | *10/16/14 18:11* | *10/17/14 08:20* | *1* |
| *Dibromofluoromethane (Surr)* | *102* | | *60 - 140* | *10/16/14 18:11* | *10/17/14 08:20* | *1* |

## Client Sample ID: SB-1 (6-8)

**Date Collected: 10/14/14 11:25**
**Date Received: 10/15/14 01:30**

**Lab Sample ID: 480-69271-4**
**Matrix: Solid**
**Percent Solids: 91.0**

### Method: 8260C - Volatile Organic Compounds by GC/MS

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ND | | 2.3 | 0.17 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 08:45 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.3 | 0.38 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 08:45 | 1 |
| 1,1,2-Trichloroethane | ND | | 2.3 | 0.30 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 08:45 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 2.3 | 0.53 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 08:45 | 1 |
| 1,1-Dichloroethane | ND | | 2.3 | 0.29 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 08:45 | 1 |
| 1,1-Dichloroethene | ND | | 2.3 | 0.29 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 08:45 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.3 | 0.14 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 08:45 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 2.3 | 1.2 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 08:45 | 1 |
| 1,2-Dichlorobenzene | ND | | 2.3 | 0.18 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 08:45 | 1 |
| 1,2-Dichloroethane | ND | | 2.3 | 0.12 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 08:45 | 1 |
| 1,2-Dichloropropane | ND | | 2.3 | 1.2 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 08:45 | 1 |
| 1,3-Dichlorobenzene | ND | | 2.3 | 0.12 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 08:45 | 1 |
| 1,4-Dichlorobenzene | ND | | 2.3 | 0.33 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 08:45 | 1 |
| 2-Butanone (MEK) | ND | | 12 | 0.86 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 08:45 | 1 |
| 2-Hexanone | ND | | 12 | 1.2 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 08:45 | 1 |
| 4-Methyl-2-pentanone (MIBK) | ND | | 12 | 0.77 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 08:45 | 1 |
| **Acetone** | **5.7** | **J** | 12 | 2.0 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 08:45 | 1 |

## Client Sample ID: SB-1 (6-8)

**Lab Sample ID: 480-69271-4**

**Date Collected: 10/14/14 11:25**
**Matrix: Solid**
**Date Received: 10/15/14 01:30**
**Percent Solids: 91.0**

### Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | | 2.3 | 0.11 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 08:45 | 1 |
| Bromodichloromethane | ND | | 2.3 | 0.31 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 08:45 | 1 |
| Bromoform | ND | | 2.3 | 1.2 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 08:45 | 1 |
| Bromomethane | ND | | 2.3 | 0.21 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 08:45 | 1 |
| Carbon disulfide | ND | | 2.3 | 1.2 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 08:45 | 1 |
| Carbon tetrachloride | ND | | 2.3 | 0.23 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 08:45 | 1 |
| Chlorobenzene | ND | | 2.3 | 0.31 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 08:45 | 1 |
| Dibromochloromethane | ND | | 2.3 | 0.30 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 08:45 | 1 |
| Chloroethane | ND | | 2.3 | 0.53 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 08:45 | 1 |
| Chloroform | ND | | 2.3 | 0.14 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 08:45 | 1 |
| Chloromethane | ND | | 2.3 | 0.14 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 08:45 | 1 |
| cis-1,2-Dichloroethene | ND | | 2.3 | 0.30 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 08:45 | 1 |
| cis-1,3-Dichloropropene | ND | | 2.3 | 0.34 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 08:45 | 1 |
| Cyclohexane | ND | | 2.3 | 0.33 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 08:45 | 1 |
| Dichlorodifluoromethane | ND | | 2.3 | 0.19 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 08:45 | 1 |
| Ethylbenzene | ND | | 2.3 | 0.16 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 08:45 | 1 |
| 1,2-Dibromoethane | ND | | 2.3 | 0.30 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 08:45 | 1 |
| Isopropylbenzene | ND | | 2.3 | 0.35 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 08:45 | 1 |
| Methyl acetate | ND | | 2.3 | 1.4 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 08:45 | 1 |
| Methyl tert-butyl ether | ND | | 2.3 | 0.23 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 08:45 | 1 |
| Methylcyclohexane | ND | | 2.3 | 0.36 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 08:45 | 1 |
| Methylene Chloride | ND | | 2.3 | 1.1 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 08:45 | 1 |
| Styrene | ND | | 2.3 | 0.12 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 08:45 | 1 |
| **Tetrachloroethene** | **10** | | 2.3 | 0.31 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 08:45 | 1 |
| Toluene | ND | | 2.3 | 0.18 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 08:45 | 1 |
| trans-1,2-Dichloroethene | ND | | 2.3 | 0.24 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 08:45 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.3 | 1.0 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 08:45 | 1 |
| Trichloroethene | ND | | 2.3 | 0.52 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 08:45 | 1 |
| Trichlorofluoromethane | ND | | 2.3 | 0.22 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 08:45 | 1 |
| Vinyl chloride | ND | | 2.3 | 0.29 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 08:45 | 1 |
| Xylenes, Total | ND | | 4.7 | 0.39 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 08:45 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Toluene-d8 (Surr)* | *100* | | *71 - 125* | *10/16/14 18:11* | *10/17/14 08:45* | *1* |
| *1,2-Dichloroethane-d4 (Surr)* | *102* | | *64 - 126* | *10/16/14 18:11* | *10/17/14 08:45* | *1* |
| *4-Bromofluorobenzene (Surr)* | *106* | | *72 - 126* | *10/16/14 18:11* | *10/17/14 08:45* | *1* |
| *Dibromofluoromethane (Surr)* | *103* | | *60 - 140* | *10/16/14 18:11* | *10/17/14 08:45* | *1* |

## Client Sample ID: SB-1 (8-9)

**Lab Sample ID: 480-69271-5**

**Date Collected: 10/14/14 11:35**
**Matrix: Solid**
**Date Received: 10/15/14 01:30**
**Percent Solids: 91.0**

### Method: 8260C - Volatile Organic Compounds by GC/MS

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ND | | 2.3 | 0.17 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 13:36 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.3 | 0.38 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 13:36 | 1 |
| 1,1,2-Trichloroethane | ND | | 2.3 | 0.30 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 13:36 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 2.3 | 0.53 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 13:36 | 1 |
| 1,1-Dichloroethane | ND | | 2.3 | 0.28 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 13:36 | 1 |
| 1,1-Dichloroethene | ND | | 2.3 | 0.28 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 13:36 | 1 |

Client: URS Corporation
Project/Site: Walgreens Site (Kingston, NY)

TestAmerica Job ID: 480-69271-1

**Client Sample ID: SB-1 (8-9)**
**Date Collected: 10/14/14 11:35**
**Date Received: 10/15/14 01:30**

**Lab Sample ID: 480-69271-5**
**Matrix: Solid**
**Percent Solids: 91.0**

**Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,2,4-Trichlorobenzene | ND | | 2.3 | 0.14 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 13:36 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 2.3 | 1.2 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 13:36 | 1 |
| 1,2-Dichlorobenzene | ND | | 2.3 | 0.18 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 13:36 | 1 |
| 1,2-Dichloroethane | ND | | 2.3 | 0.12 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 13:36 | 1 |
| 1,2-Dichloropropane | ND | | 2.3 | 1.2 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 13:36 | 1 |
| 1,3-Dichlorobenzene | ND | | 2.3 | 0.12 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 13:36 | 1 |
| 1,4-Dichlorobenzene | ND | | 2.3 | 0.32 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 13:36 | 1 |
| 2-Butanone (MEK) | ND | | 12 | 0.85 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 13:36 | 1 |
| 2-Hexanone | ND | | 12 | 1.2 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 13:36 | 1 |
| 4-Methyl-2-pentanone (MIBK) | ND | | 12 | 0.76 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 13:36 | 1 |
| Acetone | ND | | 12 | 1.9 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 13:36 | 1 |
| Benzene | ND | | 2.3 | 0.11 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 13:36 | 1 |
| Bromodichloromethane | ND | | 2.3 | 0.31 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 13:36 | 1 |
| Bromoform | ND | | 2.3 | 1.2 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 13:36 | 1 |
| Bromomethane | ND | | 2.3 | 0.21 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 13:36 | 1 |
| Carbon disulfide | ND | | 2.3 | 1.2 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 13:36 | 1 |
| Carbon tetrachloride | ND | | 2.3 | 0.22 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 13:36 | 1 |
| Chlorobenzene | ND | | 2.3 | 0.31 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 13:36 | 1 |
| Dibromochloromethane | ND | | 2.3 | 0.30 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 13:36 | 1 |
| Chloroethane | ND | | 2.3 | 0.52 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 13:36 | 1 |
| Chloroform | ND | | 2.3 | 0.14 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 13:36 | 1 |
| Chloromethane | ND | | 2.3 | 0.14 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 13:36 | 1 |
| cis-1,2-Dichloroethene | ND | | 2.3 | 0.30 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 13:36 | 1 |
| cis-1,3-Dichloropropene | ND | | 2.3 | 0.33 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 13:36 | 1 |
| Cyclohexane | ND | | 2.3 | 0.32 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 13:36 | 1 |
| Dichlorodifluoromethane | ND | | 2.3 | 0.19 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 13:36 | 1 |
| Ethylbenzene | ND | | 2.3 | 0.16 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 13:36 | 1 |
| 1,2-Dibromoethane | ND | | 2.3 | 0.30 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 13:36 | 1 |
| Isopropylbenzene | ND | | 2.3 | 0.35 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 13:36 | 1 |
| Methyl acetate | ND | | 2.3 | 1.4 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 13:36 | 1 |
| Methyl tert-butyl ether | ND | | 2.3 | 0.23 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 13:36 | 1 |
| Methylcyclohexane | ND | | 2.3 | 0.35 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 13:36 | 1 |
| Methylene Chloride | ND | | 2.3 | 1.1 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 13:36 | 1 |
| Styrene | ND | | 2.3 | 0.12 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 13:36 | 1 |
| **Tetrachloroethene** | **39** | | 2.3 | 0.31 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 13:36 | 1 |
| Toluene | ND | | 2.3 | 0.17 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 13:36 | 1 |
| trans-1,2-Dichloroethene | ND | | 2.3 | 0.24 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 13:36 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.3 | 1.0 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 13:36 | 1 |
| Trichloroethene | ND | | 2.3 | 0.51 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 13:36 | 1 |
| Trichlorofluoromethane | ND | | 2.3 | 0.22 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 13:36 | 1 |
| Vinyl chloride | ND | | 2.3 | 0.28 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 13:36 | 1 |
| Xylenes, Total | ND | | 4.6 | 0.39 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 13:36 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Toluene-d8 (Surr)* | *106* | | *71 - 125* | *10/16/14 18:11* | *10/17/14 13:36* | *1* |
| *1,2-Dichloroethane-d4 (Surr)* | *111* | | *64 - 126* | *10/16/14 18:11* | *10/17/14 13:36* | *1* |
| *4-Bromofluorobenzene (Surr)* | *99* | | *72 - 126* | *10/16/14 18:11* | *10/17/14 13:36* | *1* |
| *Dibromofluoromethane (Surr)* | *109* | | *60 - 140* | *10/16/14 18:11* | *10/17/14 13:36* | *1* |

Client: URS Corporation
Project/Site: Walgreens Site (Kingston, NY)

TestAmerica Job ID: 480-69271-1

**Client Sample ID: SB-2 (0-2)**
**Date Collected: 10/14/14 08:50**
**Date Received: 10/15/14 01:30**

**Lab Sample ID: 480-69271-6**
**Matrix: Solid**
**Percent Solids: 90.9**

**Method: 8260C - Volatile Organic Compounds by GC/MS**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ND | | 3.4 | 0.25 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:02 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 3.4 | 0.55 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:02 | 1 |
| 1,1,2-Trichloroethane | ND | | 3.4 | 0.44 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:02 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 3.4 | 0.77 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:02 | 1 |
| 1,1-Dichloroethane | ND | | 3.4 | 0.41 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:02 | 1 |
| 1,1-Dichloroethene | ND | | 3.4 | 0.41 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:02 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 3.4 | 0.21 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:02 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 3.4 | 1.7 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:02 | 1 |
| 1,2-Dichlorobenzene | ND | | 3.4 | 0.26 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:02 | 1 |
| 1,2-Dichloroethane | ND | | 3.4 | 0.17 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:02 | 1 |
| 1,2-Dichloropropane | ND | | 3.4 | 1.7 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:02 | 1 |
| 1,3-Dichlorobenzene | ND | | 3.4 | 0.17 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:02 | 1 |
| 1,4-Dichlorobenzene | ND | | 3.4 | 0.47 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:02 | 1 |
| 2-Butanone (MEK) | ND | | 17 | 1.2 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:02 | 1 |
| 2-Hexanone | ND | | 17 | 1.7 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:02 | 1 |
| 4-Methyl-2-pentanone (MIBK) | ND | | 17 | 1.1 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:02 | 1 |
| **Acetone** | **17** | | 17 | 2.8 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:02 | 1 |
| Benzene | ND | | 3.4 | 0.17 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:02 | 1 |
| Bromodichloromethane | ND | | 3.4 | 0.45 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:02 | 1 |
| Bromoform | ND | | 3.4 | 1.7 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:02 | 1 |
| Bromomethane | ND | | 3.4 | 0.30 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:02 | 1 |
| Carbon disulfide | ND | | 3.4 | 1.7 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:02 | 1 |
| Carbon tetrachloride | ND | | 3.4 | 0.33 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:02 | 1 |
| Chlorobenzene | ND | | 3.4 | 0.45 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:02 | 1 |
| Dibromochloromethane | ND | | 3.4 | 0.43 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:02 | 1 |
| Chloroethane | ND | | 3.4 | 0.76 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:02 | 1 |
| Chloroform | ND | | 3.4 | 0.21 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:02 | 1 |
| Chloromethane | ND | | 3.4 | 0.20 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:02 | 1 |
| cis-1,2-Dichloroethene | ND | | 3.4 | 0.43 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:02 | 1 |
| cis-1,3-Dichloropropene | ND | | 3.4 | 0.49 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:02 | 1 |
| Cyclohexane | ND | | 3.4 | 0.47 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:02 | 1 |
| Dichlorodifluoromethane | ND | | 3.4 | 0.28 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:02 | 1 |
| Ethylbenzene | ND | | 3.4 | 0.23 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:02 | 1 |
| 1,2-Dibromoethane | ND | | 3.4 | 0.43 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:02 | 1 |
| Isopropylbenzene | ND | | 3.4 | 0.51 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:02 | 1 |
| Methyl acetate | ND | | 3.4 | 2.0 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:02 | 1 |
| Methyl tert-butyl ether | ND | | 3.4 | 0.33 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:02 | 1 |
| Methylcyclohexane | ND | | 3.4 | 0.51 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:02 | 1 |
| Methylene Chloride | ND | | 3.4 | 1.6 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:02 | 1 |
| Styrene | ND | | 3.4 | 0.17 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:02 | 1 |
| Tetrachloroethene | ND | | 3.4 | 0.45 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:02 | 1 |
| Toluene | ND | | 3.4 | 0.26 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:02 | 1 |
| trans-1,2-Dichloroethene | ND | | 3.4 | 0.35 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:02 | 1 |
| trans-1,3-Dichloropropene | ND | | 3.4 | 1.5 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:02 | 1 |
| Trichloroethene | ND | | 3.4 | 0.74 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:02 | 1 |
| Trichlorofluoromethane | ND | | 3.4 | 0.32 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:02 | 1 |
| Vinyl chloride | ND | | 3.4 | 0.41 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:02 | 1 |
| Xylenes, Total | ND | | 6.8 | 0.57 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:02 | 1 |

## Client Sample ID: SB-2 (0-2)

**Lab Sample ID: 480-69271-6**

**Date Collected: 10/14/14 08:50**
**Matrix: Solid**
**Date Received: 10/15/14 01:30**
**Percent Solids: 90.9**

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Toluene-d8 (Surr)* | *106* | | *71 - 125* | *10/16/14 18:11* | *10/17/14 14:02* | *1* |
| *1,2-Dichloroethane-d4 (Surr)* | *112* | | *64 - 126* | *10/16/14 18:11* | *10/17/14 14:02* | *1* |
| *4-Bromofluorobenzene (Surr)* | *98* | | *72 - 126* | *10/16/14 18:11* | *10/17/14 14:02* | *1* |
| *Dibromofluoromethane (Surr)* | *109* | | *60 - 140* | *10/16/14 18:11* | *10/17/14 14:02* | *1* |

## Client Sample ID: SB-2 (2-4)

**Lab Sample ID: 480-69271-7**

**Date Collected: 10/14/14 08:55**
**Matrix: Solid**
**Date Received: 10/15/14 01:30**
**Percent Solids: 88.3**

**Method: 8260C - Volatile Organic Compounds by GC/MS**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ND | | 2.1 | 0.15 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:28 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.1 | 0.33 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:28 | 1 |
| 1,1,2-Trichloroethane | ND | | 2.1 | 0.27 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:28 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 2.1 | 0.47 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:28 | 1 |
| 1,1-Dichloroethane | ND | | 2.1 | 0.25 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:28 | 1 |
| 1,1-Dichloroethene | ND | | 2.1 | 0.25 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:28 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.1 | 0.12 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:28 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 2.1 | 1.0 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:28 | 1 |
| 1,2-Dichlorobenzene | ND | | 2.1 | 0.16 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:28 | 1 |
| 1,2-Dichloroethane | ND | | 2.1 | 0.10 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:28 | 1 |
| 1,2-Dichloropropane | ND | | 2.1 | 1.0 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:28 | 1 |
| 1,3-Dichlorobenzene | ND | | 2.1 | 0.11 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:28 | 1 |
| 1,4-Dichlorobenzene | ND | | 2.1 | 0.29 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:28 | 1 |
| 2-Butanone (MEK) | ND | | 10 | 0.75 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:28 | 1 |
| 2-Hexanone | ND | | 10 | 1.0 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:28 | 1 |
| 4-Methyl-2-pentanone (MIBK) | ND | | 10 | 0.67 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:28 | 1 |
| **Acetone** | **2.0** | **J** | 10 | 1.7 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:28 | 1 |
| Benzene | ND | | 2.1 | 0.10 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:28 | 1 |
| Bromodichloromethane | ND | | 2.1 | 0.27 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:28 | 1 |
| Bromoform | ND | | 2.1 | 1.0 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:28 | 1 |
| Bromomethane | ND | | 2.1 | 0.18 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:28 | 1 |
| Carbon disulfide | ND | | 2.1 | 1.0 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:28 | 1 |
| Carbon tetrachloride | ND | | 2.1 | 0.20 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:28 | 1 |
| Chlorobenzene | ND | | 2.1 | 0.27 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:28 | 1 |
| Dibromochloromethane | ND | | 2.1 | 0.26 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:28 | 1 |
| Chloroethane | ND | | 2.1 | 0.46 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:28 | 1 |
| Chloroform | ND | | 2.1 | 0.13 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:28 | 1 |
| Chloromethane | ND | | 2.1 | 0.12 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:28 | 1 |
| cis-1,2-Dichloroethene | ND | | 2.1 | 0.26 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:28 | 1 |
| cis-1,3-Dichloropropene | ND | | 2.1 | 0.30 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:28 | 1 |
| Cyclohexane | ND | | 2.1 | 0.29 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:28 | 1 |
| Dichlorodifluoromethane | ND | | 2.1 | 0.17 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:28 | 1 |
| Ethylbenzene | ND | | 2.1 | 0.14 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:28 | 1 |
| 1,2-Dibromoethane | ND | | 2.1 | 0.26 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:28 | 1 |
| Isopropylbenzene | ND | | 2.1 | 0.31 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:28 | 1 |
| Methyl acetate | ND | | 2.1 | 1.2 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:28 | 1 |
| Methyl tert-butyl ether | ND | | 2.1 | 0.20 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:28 | 1 |
| Methylcyclohexane | ND | | 2.1 | 0.31 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:28 | 1 |
| Methylene Chloride | ND | | 2.1 | 0.94 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:28 | 1 |

## Client Sample ID: SB-2 (2-4)

**Lab Sample ID: 480-69271-7**

**Date Collected: 10/14/14 08:55**

**Matrix: Solid**

**Date Received: 10/15/14 01:30**

**Percent Solids: 88.3**

### Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Styrene | ND | | 2.1 | 0.10 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:28 | 1 |
| **Tetrachloroethene** | **1.3** | **J** | 2.1 | 0.28 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:28 | 1 |
| Toluene | ND | | 2.1 | 0.16 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:28 | 1 |
| trans-1,2-Dichloroethene | ND | | 2.1 | 0.21 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:28 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.1 | 0.90 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:28 | 1 |
| Trichloroethene | ND | | 2.1 | 0.45 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:28 | 1 |
| Trichlorofluoromethane | ND | | 2.1 | 0.19 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:28 | 1 |
| Vinyl chloride | ND | | 2.1 | 0.25 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:28 | 1 |
| Xylenes, Total | ND | | 4.1 | 0.34 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:28 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Toluene-d8 (Surr)* | *106* | | *71 - 125* | *10/16/14 18:11* | *10/17/14 14:28* | *1* |
| *1,2-Dichloroethane-d4 (Surr)* | *113* | | *64 - 126* | *10/16/14 18:11* | *10/17/14 14:28* | *1* |
| *4-Bromofluorobenzene (Surr)* | *101* | | *72 - 126* | *10/16/14 18:11* | *10/17/14 14:28* | *1* |
| *Dibromofluoromethane (Surr)* | *109* | | *60 - 140* | *10/16/14 18:11* | *10/17/14 14:28* | *1* |

## Client Sample ID: SB-2 (4-6)

**Lab Sample ID: 480-69271-8**

**Date Collected: 10/14/14 09:00**

**Matrix: Solid**

**Date Received: 10/15/14 01:30**

**Percent Solids: 92.6**

### Method: 8260C - Volatile Organic Compounds by GC/MS

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ND | | 2.3 | 0.17 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:54 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.3 | 0.37 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:54 | 1 |
| 1,1,2-Trichloroethane | ND | | 2.3 | 0.30 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:54 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 2.3 | 0.52 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:54 | 1 |
| 1,1-Dichloroethane | ND | | 2.3 | 0.28 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:54 | 1 |
| 1,1-Dichloroethene | ND | | 2.3 | 0.28 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:54 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.3 | 0.14 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:54 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 2.3 | 1.1 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:54 | 1 |
| 1,2-Dichlorobenzene | ND | | 2.3 | 0.18 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:54 | 1 |
| 1,2-Dichloroethane | ND | | 2.3 | 0.12 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:54 | 1 |
| 1,2-Dichloropropane | ND | | 2.3 | 1.1 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:54 | 1 |
| 1,3-Dichlorobenzene | ND | | 2.3 | 0.12 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:54 | 1 |
| 1,4-Dichlorobenzene | ND | | 2.3 | 0.32 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:54 | 1 |
| 2-Butanone (MEK) | ND | | 11 | 0.84 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:54 | 1 |
| 2-Hexanone | ND | | 11 | 1.1 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:54 | 1 |
| 4-Methyl-2-pentanone (MIBK) | ND | | 11 | 0.75 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:54 | 1 |
| Acetone | ND | | 11 | 1.9 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:54 | 1 |
| Benzene | ND | | 2.3 | 0.11 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:54 | 1 |
| Bromodichloromethane | ND | | 2.3 | 0.31 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:54 | 1 |
| Bromoform | ND | | 2.3 | 1.1 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:54 | 1 |
| Bromomethane | ND | | 2.3 | 0.21 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:54 | 1 |
| Carbon disulfide | ND | | 2.3 | 1.1 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:54 | 1 |
| Carbon tetrachloride | ND | | 2.3 | 0.22 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:54 | 1 |
| Chlorobenzene | ND | | 2.3 | 0.30 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:54 | 1 |
| Dibromochloromethane | ND | | 2.3 | 0.29 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:54 | 1 |
| Chloroethane | ND | | 2.3 | 0.52 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:54 | 1 |
| Chloroform | ND | | 2.3 | 0.14 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:54 | 1 |
| Chloromethane | ND | | 2.3 | 0.14 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:54 | 1 |

## Client Sample ID: SB-2 (4-6)

**Lab Sample ID: 480-69271-8**

**Date Collected: 10/14/14 09:00**

**Matrix: Solid**

**Date Received: 10/15/14 01:30**

**Percent Solids: 92.6**

### Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| cis-1,2-Dichloroethene | ND | | 2.3 | 0.29 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:54 | 1 |
| cis-1,3-Dichloropropene | ND | | 2.3 | 0.33 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:54 | 1 |
| Cyclohexane | ND | | 2.3 | 0.32 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:54 | 1 |
| Dichlorodifluoromethane | ND | | 2.3 | 0.19 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:54 | 1 |
| Ethylbenzene | ND | | 2.3 | 0.16 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:54 | 1 |
| 1,2-Dibromoethane | ND | | 2.3 | 0.29 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:54 | 1 |
| Isopropylbenzene | ND | | 2.3 | 0.35 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:54 | 1 |
| Methyl acetate | ND | | 2.3 | 1.4 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:54 | 1 |
| Methyl tert-butyl ether | ND | | 2.3 | 0.23 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:54 | 1 |
| Methylcyclohexane | ND | | 2.3 | 0.35 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:54 | 1 |
| Methylene Chloride | ND | | 2.3 | 1.1 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:54 | 1 |
| Styrene | ND | | 2.3 | 0.11 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:54 | 1 |
| **Tetrachloroethene** | **16** | | 2.3 | 0.31 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:54 | 1 |
| Toluene | ND | | 2.3 | 0.17 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:54 | 1 |
| trans-1,2-Dichloroethene | ND | | 2.3 | 0.24 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:54 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.3 | 1.0 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:54 | 1 |
| Trichloroethene | ND | | 2.3 | 0.50 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:54 | 1 |
| Trichlorofluoromethane | ND | | 2.3 | 0.22 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:54 | 1 |
| Vinyl chloride | ND | | 2.3 | 0.28 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:54 | 1 |
| Xylenes, Total | ND | | 4.6 | 0.39 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 14:54 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Toluene-d8 (Surr)* | *106* | | *71 - 125* | *10/16/14 18:11* | *10/17/14 14:54* | *1* |
| *1,2-Dichloroethane-d4 (Surr)* | *114* | | *64 - 126* | *10/16/14 18:11* | *10/17/14 14:54* | *1* |
| *4-Bromofluorobenzene (Surr)* | *99* | | *72 - 126* | *10/16/14 18:11* | *10/17/14 14:54* | *1* |
| *Dibromofluoromethane (Surr)* | *110* | | *60 - 140* | *10/16/14 18:11* | *10/17/14 14:54* | *1* |

## Client Sample ID: SB-2 (8-9)

**Lab Sample ID: 480-69271-9**

**Date Collected: 10/14/14 09:15**

**Matrix: Solid**

**Date Received: 10/15/14 01:30**

**Percent Solids: 94.9**

### Method: 8260C - Volatile Organic Compounds by GC/MS

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ND | | 2.5 | 0.18 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 15:20 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.5 | 0.40 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 15:20 | 1 |
| 1,1,2-Trichloroethane | ND | | 2.5 | 0.32 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 15:20 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 2.5 | 0.56 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 15:20 | 1 |
| 1,1-Dichloroethane | ND | | 2.5 | 0.30 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 15:20 | 1 |
| 1,1-Dichloroethene | ND | | 2.5 | 0.30 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 15:20 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.5 | 0.15 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 15:20 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 2.5 | 1.2 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 15:20 | 1 |
| 1,2-Dichlorobenzene | ND | | 2.5 | 0.19 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 15:20 | 1 |
| 1,2-Dichloroethane | ND | | 2.5 | 0.12 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 15:20 | 1 |
| 1,2-Dichloropropane | ND | | 2.5 | 1.2 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 15:20 | 1 |
| 1,3-Dichlorobenzene | ND | | 2.5 | 0.13 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 15:20 | 1 |
| 1,4-Dichlorobenzene | ND | | 2.5 | 0.34 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 15:20 | 1 |
| 2-Butanone (MEK) | ND | | 12 | 0.90 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 15:20 | 1 |
| 2-Hexanone | ND | | 12 | 1.2 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 15:20 | 1 |
| 4-Methyl-2-pentanone (MIBK) | ND | | 12 | 0.81 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 15:20 | 1 |
| Acetone | ND | | 12 | 2.1 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 15:20 | 1 |

## Client Sample ID: SB-2 (8-9)

**Lab Sample ID: 480-69271-9**

**Date Collected: 10/14/14 09:15**
**Matrix: Solid**
**Date Received: 10/15/14 01:30**
**Percent Solids: 94.9**

### Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | | 2.5 | 0.12 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 15:20 | 1 |
| Bromodichloromethane | ND | | 2.5 | 0.33 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 15:20 | 1 |
| Bromoform | ND | | 2.5 | 1.2 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 15:20 | 1 |
| Bromomethane | ND | | 2.5 | 0.22 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 15:20 | 1 |
| Carbon disulfide | ND | | 2.5 | 1.2 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 15:20 | 1 |
| Carbon tetrachloride | ND | | 2.5 | 0.24 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 15:20 | 1 |
| Chlorobenzene | ND | | 2.5 | 0.32 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 15:20 | 1 |
| Dibromochloromethane | ND | | 2.5 | 0.31 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 15:20 | 1 |
| Chloroethane | ND | | 2.5 | 0.56 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 15:20 | 1 |
| Chloroform | ND | | 2.5 | 0.15 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 15:20 | 1 |
| Chloromethane | ND | | 2.5 | 0.15 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 15:20 | 1 |
| cis-1,2-Dichloroethene | ND | | 2.5 | 0.31 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 15:20 | 1 |
| cis-1,3-Dichloropropene | ND | | 2.5 | 0.35 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 15:20 | 1 |
| Cyclohexane | ND | | 2.5 | 0.34 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 15:20 | 1 |
| Dichlorodifluoromethane | ND | | 2.5 | 0.20 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 15:20 | 1 |
| Ethylbenzene | ND | | 2.5 | 0.17 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 15:20 | 1 |
| 1,2-Dibromoethane | ND | | 2.5 | 0.32 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 15:20 | 1 |
| Isopropylbenzene | ND | | 2.5 | 0.37 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 15:20 | 1 |
| Methyl acetate | ND | | 2.5 | 1.5 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 15:20 | 1 |
| Methyl tert-butyl ether | ND | | 2.5 | 0.24 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 15:20 | 1 |
| Methylcyclohexane | ND | | 2.5 | 0.37 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 15:20 | 1 |
| Methylene Chloride | ND | | 2.5 | 1.1 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 15:20 | 1 |
| Styrene | ND | | 2.5 | 0.12 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 15:20 | 1 |
| **Tetrachloroethene** | **2.7** | | 2.5 | 0.33 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 15:20 | 1 |
| Toluene | ND | | 2.5 | 0.19 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 15:20 | 1 |
| trans-1,2-Dichloroethene | ND | | 2.5 | 0.25 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 15:20 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.5 | 1.1 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 15:20 | 1 |
| Trichloroethene | ND | | 2.5 | 0.54 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 15:20 | 1 |
| Trichlorofluoromethane | ND | | 2.5 | 0.23 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 15:20 | 1 |
| Vinyl chloride | ND | | 2.5 | 0.30 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 15:20 | 1 |
| Xylenes, Total | ND | | 4.9 | 0.41 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 15:20 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Toluene-d8 (Surr)* | *106* | | *71 - 125* | *10/16/14 18:11* | *10/17/14 15:20* | *1* |
| *1,2-Dichloroethane-d4 (Surr)* | *111* | | *64 - 126* | *10/16/14 18:11* | *10/17/14 15:20* | *1* |
| *4-Bromofluorobenzene (Surr)* | *100* | | *72 - 126* | *10/16/14 18:11* | *10/17/14 15:20* | *1* |
| *Dibromofluoromethane (Surr)* | *109* | | *60 - 140* | *10/16/14 18:11* | *10/17/14 15:20* | *1* |

## Client Sample ID: SB-2 (10-12)

**Lab Sample ID: 480-69271-10**

**Date Collected: 10/14/14 11:30**
**Matrix: Solid**
**Date Received: 10/15/14 01:30**
**Percent Solids: 90.5**

### Method: 8260C - Volatile Organic Compounds by GC/MS

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ND | | 2.6 | 0.19 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 15:45 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.6 | 0.42 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 15:45 | 1 |
| 1,1,2-Trichloroethane | ND | | 2.6 | 0.34 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 15:45 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 2.6 | 0.59 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 15:45 | 1 |
| 1,1-Dichloroethane | ND | | 2.6 | 0.32 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 15:45 | 1 |
| 1,1-Dichloroethene | ND | | 2.6 | 0.32 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 15:45 | 1 |

Client: URS Corporation
Project/Site: Walgreens Site (Kingston, NY)

TestAmerica Job ID: 480-69271-1

**Client Sample ID: SB-2 (10-12)**
**Date Collected: 10/14/14 11:30**
**Date Received: 10/15/14 01:30**

**Lab Sample ID: 480-69271-10**
**Matrix: Solid**
**Percent Solids: 90.5**

**Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,2,4-Trichlorobenzene | ND | | 2.6 | 0.16 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 15:45 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 2.6 | 1.3 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 15:45 | 1 |
| 1,2-Dichlorobenzene | ND | | 2.6 | 0.20 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 15:45 | 1 |
| 1,2-Dichloroethane | ND | | 2.6 | 0.13 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 15:45 | 1 |
| 1,2-Dichloropropane | ND | | 2.6 | 1.3 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 15:45 | 1 |
| 1,3-Dichlorobenzene | ND | | 2.6 | 0.13 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 15:45 | 1 |
| 1,4-Dichlorobenzene | ND | | 2.6 | 0.36 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 15:45 | 1 |
| 2-Butanone (MEK) | ND | | 13 | 0.95 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 15:45 | 1 |
| 2-Hexanone | ND | | 13 | 1.3 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 15:45 | 1 |
| 4-Methyl-2-pentanone (MIBK) | ND | | 13 | 0.85 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 15:45 | 1 |
| Acetone | ND | | 13 | 2.2 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 15:45 | 1 |
| Benzene | ND | | 2.6 | 0.13 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 15:45 | 1 |
| Bromodichloromethane | ND | | 2.6 | 0.35 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 15:45 | 1 |
| Bromoform | ND | | 2.6 | 1.3 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 15:45 | 1 |
| Bromomethane | ND | | 2.6 | 0.23 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 15:45 | 1 |
| Carbon disulfide | ND | | 2.6 | 1.3 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 15:45 | 1 |
| Carbon tetrachloride | ND | | 2.6 | 0.25 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 15:45 | 1 |
| Chlorobenzene | ND | | 2.6 | 0.34 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 15:45 | 1 |
| Dibromochloromethane | ND | | 2.6 | 0.33 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 15:45 | 1 |
| Chloroethane | ND | | 2.6 | 0.59 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 15:45 | 1 |
| Chloroform | ND | | 2.6 | 0.16 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 15:45 | 1 |
| Chloromethane | ND | | 2.6 | 0.16 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 15:45 | 1 |
| cis-1,2-Dichloroethene | ND | | 2.6 | 0.33 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 15:45 | 1 |
| cis-1,3-Dichloropropene | ND | | 2.6 | 0.37 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 15:45 | 1 |
| Cyclohexane | ND | | 2.6 | 0.36 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 15:45 | 1 |
| Dichlorodifluoromethane | ND | | 2.6 | 0.21 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 15:45 | 1 |
| Ethylbenzene | ND | | 2.6 | 0.18 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 15:45 | 1 |
| 1,2-Dibromoethane | ND | | 2.6 | 0.33 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 15:45 | 1 |
| Isopropylbenzene | ND | | 2.6 | 0.39 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 15:45 | 1 |
| Methyl acetate | ND | | 2.6 | 1.6 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 15:45 | 1 |
| Methyl tert-butyl ether | ND | | 2.6 | 0.25 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 15:45 | 1 |
| Methylcyclohexane | ND | | 2.6 | 0.39 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 15:45 | 1 |
| Methylene Chloride | ND | | 2.6 | 1.2 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 15:45 | 1 |
| Styrene | ND | | 2.6 | 0.13 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 15:45 | 1 |
| **Tetrachloroethene** | **0.37** | **J** | 2.6 | 0.35 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 15:45 | 1 |
| Toluene | ND | | 2.6 | 0.20 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 15:45 | 1 |
| trans-1,2-Dichloroethene | ND | | 2.6 | 0.27 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 15:45 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.6 | 1.1 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 15:45 | 1 |
| Trichloroethene | ND | | 2.6 | 0.57 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 15:45 | 1 |
| Trichlorofluoromethane | ND | | 2.6 | 0.25 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 15:45 | 1 |
| Vinyl chloride | ND | | 2.6 | 0.32 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 15:45 | 1 |
| Xylenes, Total | ND | | 5.2 | 0.44 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 15:45 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Toluene-d8 (Surr)* | *107* | | *71 - 125* | *10/16/14 18:11* | *10/17/14 15:45* | *1* |
| *1,2-Dichloroethane-d4 (Surr)* | *113* | | *64 - 126* | *10/16/14 18:11* | *10/17/14 15:45* | *1* |
| *4-Bromofluorobenzene (Surr)* | *101* | | *72 - 126* | *10/16/14 18:11* | *10/17/14 15:45* | *1* |
| *Dibromofluoromethane (Surr)* | *111* | | *60 - 140* | *10/16/14 18:11* | *10/17/14 15:45* | *1* |

Client: URS Corporation
Project/Site: Walgreens Site (Kingston, NY)

TestAmerica Job ID: 480-69271-1

**Client Sample ID: SB-3 (0-2)**
**Date Collected: 10/14/14 10:00**
**Date Received: 10/15/14 01:30**

**Lab Sample ID: 480-69271-11**
**Matrix: Solid**
**Percent Solids: 90.1**

**Method: 8260C - Volatile Organic Compounds by GC/MS**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ND | | 2.0 | 0.14 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 16:11 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.0 | 0.32 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 16:11 | 1 |
| 1,1,2-Trichloroethane | ND | | 2.0 | 0.26 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 16:11 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 2.0 | 0.45 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 16:11 | 1 |
| 1,1-Dichloroethane | ND | | 2.0 | 0.24 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 16:11 | 1 |
| 1,1-Dichloroethene | ND | | 2.0 | 0.24 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 16:11 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.0 | 0.12 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 16:11 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 2.0 | 0.98 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 16:11 | 1 |
| 1,2-Dichlorobenzene | ND | | 2.0 | 0.15 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 16:11 | 1 |
| 1,2-Dichloroethane | ND | | 2.0 | 0.099 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 16:11 | 1 |
| 1,2-Dichloropropane | ND | | 2.0 | 0.98 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 16:11 | 1 |
| 1,3-Dichlorobenzene | ND | | 2.0 | 0.10 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 16:11 | 1 |
| 1,4-Dichlorobenzene | ND | | 2.0 | 0.27 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 16:11 | 1 |
| 2-Butanone (MEK) | ND | | 9.8 | 0.72 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 16:11 | 1 |
| 2-Hexanone | ND | | 9.8 | 0.98 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 16:11 | 1 |
| 4-Methyl-2-pentanone (MIBK) | ND | | 9.8 | 0.64 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 16:11 | 1 |
| Acetone | ND | | 9.8 | 1.7 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 16:11 | 1 |
| Benzene | ND | | 2.0 | 0.096 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 16:11 | 1 |
| Bromodichloromethane | ND | | 2.0 | 0.26 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 16:11 | 1 |
| Bromoform | ND | | 2.0 | 0.98 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 16:11 | 1 |
| Bromomethane | ND | | 2.0 | 0.18 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 16:11 | 1 |
| Carbon disulfide | ND | | 2.0 | 0.98 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 16:11 | 1 |
| Carbon tetrachloride | ND | | 2.0 | 0.19 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 16:11 | 1 |
| Chlorobenzene | ND | | 2.0 | 0.26 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 16:11 | 1 |
| Dibromochloromethane | ND | | 2.0 | 0.25 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 16:11 | 1 |
| Chloroethane | ND | | 2.0 | 0.44 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 16:11 | 1 |
| Chloroform | ND | | 2.0 | 0.12 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 16:11 | 1 |
| Chloromethane | ND | | 2.0 | 0.12 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 16:11 | 1 |
| cis-1,2-Dichloroethene | ND | | 2.0 | 0.25 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 16:11 | 1 |
| cis-1,3-Dichloropropene | ND | | 2.0 | 0.28 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 16:11 | 1 |
| Cyclohexane | ND | | 2.0 | 0.27 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 16:11 | 1 |
| Dichlorodifluoromethane | ND | | 2.0 | 0.16 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 16:11 | 1 |
| Ethylbenzene | ND | | 2.0 | 0.14 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 16:11 | 1 |
| 1,2-Dibromoethane | ND | | 2.0 | 0.25 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 16:11 | 1 |
| Isopropylbenzene | ND | | 2.0 | 0.30 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 16:11 | 1 |
| Methyl acetate | ND | | 2.0 | 1.2 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 16:11 | 1 |
| Methyl tert-butyl ether | ND | | 2.0 | 0.19 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 16:11 | 1 |
| Methylcyclohexane | ND | | 2.0 | 0.30 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 16:11 | 1 |
| Methylene Chloride | ND | | 2.0 | 0.90 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 16:11 | 1 |
| Styrene | ND | | 2.0 | 0.098 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 16:11 | 1 |
| Tetrachloroethene | ND | | 2.0 | 0.26 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 16:11 | 1 |
| Toluene | ND | | 2.0 | 0.15 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 16:11 | 1 |
| trans-1,2-Dichloroethene | ND | | 2.0 | 0.20 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 16:11 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.0 | 0.86 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 16:11 | 1 |
| Trichloroethene | ND | | 2.0 | 0.43 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 16:11 | 1 |
| Trichlorofluoromethane | ND | | 2.0 | 0.19 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 16:11 | 1 |
| Vinyl chloride | ND | | 2.0 | 0.24 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 16:11 | 1 |
| Xylenes, Total | ND | | 3.9 | 0.33 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 16:11 | 1 |

## Client Sample ID: SB-3 (0-2)

**Lab Sample ID: 480-69271-11**

**Date Collected: 10/14/14 10:00**
**Matrix: Solid**
**Date Received: 10/15/14 01:30**
**Percent Solids: 90.1**

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Toluene-d8 (Surr)* | *107* | | *71 - 125* | *10/16/14 18:11* | *10/17/14 16:11* | *1* |
| *1,2-Dichloroethane-d4 (Surr)* | *115* | | *64 - 126* | *10/16/14 18:11* | *10/17/14 16:11* | *1* |
| *4-Bromofluorobenzene (Surr)* | *98* | | *72 - 126* | *10/16/14 18:11* | *10/17/14 16:11* | *1* |
| *Dibromofluoromethane (Surr)* | *112* | | *60 - 140* | *10/16/14 18:11* | *10/17/14 16:11* | *1* |

## Client Sample ID: SB-3 (2-4)

**Lab Sample ID: 480-69271-12**

**Date Collected: 10/14/14 10:10**
**Matrix: Solid**
**Date Received: 10/15/14 01:30**
**Percent Solids: 90.4**

**Method: 8260C - Volatile Organic Compounds by GC/MS**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ND | | 1.8 | 0.13 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 16:36 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.8 | 0.29 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 16:36 | 1 |
| 1,1,2-Trichloroethane | ND | | 1.8 | 0.24 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 16:36 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 1.8 | 0.41 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 16:36 | 1 |
| 1,1-Dichloroethane | ND | | 1.8 | 0.22 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 16:36 | 1 |
| 1,1-Dichloroethene | ND | | 1.8 | 0.22 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 16:36 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.8 | 0.11 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 16:36 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 1.8 | 0.91 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 16:36 | 1 |
| 1,2-Dichlorobenzene | ND | | 1.8 | 0.14 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 16:36 | 1 |
| 1,2-Dichloroethane | ND | | 1.8 | 0.091 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 16:36 | 1 |
| 1,2-Dichloropropane | ND | | 1.8 | 0.91 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 16:36 | 1 |
| 1,3-Dichlorobenzene | ND | | 1.8 | 0.093 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 16:36 | 1 |
| 1,4-Dichlorobenzene | ND | | 1.8 | 0.25 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 16:36 | 1 |
| 2-Butanone (MEK) | ND | | 9.1 | 0.66 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 16:36 | 1 |
| 2-Hexanone | ND | | 9.1 | 0.91 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 16:36 | 1 |
| 4-Methyl-2-pentanone (MIBK) | ND | | 9.1 | 0.60 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 16:36 | 1 |
| Acetone | ND | | 9.1 | 1.5 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 16:36 | 1 |
| Benzene | ND | | 1.8 | 0.089 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 16:36 | 1 |
| Bromodichloromethane | ND | | 1.8 | 0.24 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 16:36 | 1 |
| Bromoform | ND | | 1.8 | 0.91 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 16:36 | 1 |
| Bromomethane | ND | | 1.8 | 0.16 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 16:36 | 1 |
| Carbon disulfide | ND | | 1.8 | 0.91 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 16:36 | 1 |
| Carbon tetrachloride | ND | | 1.8 | 0.18 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 16:36 | 1 |
| Chlorobenzene | ND | | 1.8 | 0.24 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 16:36 | 1 |
| Dibromochloromethane | ND | | 1.8 | 0.23 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 16:36 | 1 |
| Chloroethane | ND | | 1.8 | 0.41 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 16:36 | 1 |
| Chloroform | ND | | 1.8 | 0.11 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 16:36 | 1 |
| Chloromethane | ND | | 1.8 | 0.11 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 16:36 | 1 |
| cis-1,2-Dichloroethene | ND | | 1.8 | 0.23 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 16:36 | 1 |
| cis-1,3-Dichloropropene | ND | | 1.8 | 0.26 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 16:36 | 1 |
| Cyclohexane | ND | | 1.8 | 0.25 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 16:36 | 1 |
| Dichlorodifluoromethane | ND | | 1.8 | 0.15 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 16:36 | 1 |
| Ethylbenzene | ND | | 1.8 | 0.13 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 16:36 | 1 |
| 1,2-Dibromoethane | ND | | 1.8 | 0.23 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 16:36 | 1 |
| Isopropylbenzene | ND | | 1.8 | 0.27 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 16:36 | 1 |
| Methyl acetate | ND | | 1.8 | 1.1 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 16:36 | 1 |
| Methyl tert-butyl ether | ND | | 1.8 | 0.18 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 16:36 | 1 |
| Methylcyclohexane | ND | | 1.8 | 0.28 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 16:36 | 1 |
| Methylene Chloride | ND | | 1.8 | 0.83 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 16:36 | 1 |

## Client Sample ID: SB-3 (2-4)

**Lab Sample ID: 480-69271-12**

**Date Collected: 10/14/14 10:10**

**Matrix: Solid**

**Date Received: 10/15/14 01:30**

**Percent Solids: 90.4**

### Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Styrene | ND | | 1.8 | 0.091 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 16:36 | 1 |
| **Tetrachloroethene** | **0.69** | **J** | 1.8 | 0.24 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 16:36 | 1 |
| Toluene | ND | | 1.8 | 0.14 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 16:36 | 1 |
| trans-1,2-Dichloroethene | ND | | 1.8 | 0.19 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 16:36 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.8 | 0.80 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 16:36 | 1 |
| Trichloroethene | ND | | 1.8 | 0.40 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 16:36 | 1 |
| Trichlorofluoromethane | ND | | 1.8 | 0.17 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 16:36 | 1 |
| Vinyl chloride | ND | | 1.8 | 0.22 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 16:36 | 1 |
| Xylenes, Total | ND | | 3.6 | 0.30 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 16:36 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Toluene-d8 (Surr)* | *108* | | *71 - 125* | *10/16/14 18:11* | *10/17/14 16:36* | *1* |
| *1,2-Dichloroethane-d4 (Surr)* | *114* | | *64 - 126* | *10/16/14 18:11* | *10/17/14 16:36* | *1* |
| *4-Bromofluorobenzene (Surr)* | *96* | | *72 - 126* | *10/16/14 18:11* | *10/17/14 16:36* | *1* |
| *Dibromofluoromethane (Surr)* | *112* | | *60 - 140* | *10/16/14 18:11* | *10/17/14 16:36* | *1* |

## Client Sample ID: SB-3 (4-6)

**Lab Sample ID: 480-69271-13**

**Date Collected: 10/14/14 10:20**

**Matrix: Solid**

**Date Received: 10/15/14 01:30**

**Percent Solids: 81.1**

### Method: 8260C - Volatile Organic Compounds by GC/MS

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ND | | 2.4 | 0.17 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:02 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.4 | 0.39 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:02 | 1 |
| 1,1,2-Trichloroethane | ND | | 2.4 | 0.31 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:02 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 2.4 | 0.55 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:02 | 1 |
| 1,1-Dichloroethane | ND | | 2.4 | 0.29 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:02 | 1 |
| 1,1-Dichloroethene | ND | | 2.4 | 0.29 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:02 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.4 | 0.15 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:02 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 2.4 | 1.2 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:02 | 1 |
| 1,2-Dichlorobenzene | ND | | 2.4 | 0.19 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:02 | 1 |
| 1,2-Dichloroethane | ND | | 2.4 | 0.12 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:02 | 1 |
| 1,2-Dichloropropane | ND | | 2.4 | 1.2 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:02 | 1 |
| 1,3-Dichlorobenzene | ND | | 2.4 | 0.12 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:02 | 1 |
| 1,4-Dichlorobenzene | ND | | 2.4 | 0.34 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:02 | 1 |
| 2-Butanone (MEK) | ND | | 12 | 0.88 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:02 | 1 |
| 2-Hexanone | ND | | 12 | 1.2 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:02 | 1 |
| 4-Methyl-2-pentanone (MIBK) | ND | | 12 | 0.79 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:02 | 1 |
| Acetone | ND | | 12 | 2.0 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:02 | 1 |
| Benzene | ND | | 2.4 | 0.12 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:02 | 1 |
| Bromodichloromethane | ND | | 2.4 | 0.32 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:02 | 1 |
| Bromoform | ND | | 2.4 | 1.2 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:02 | 1 |
| Bromomethane | ND | | 2.4 | 0.22 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:02 | 1 |
| Carbon disulfide | ND | | 2.4 | 1.2 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:02 | 1 |
| Carbon tetrachloride | ND | | 2.4 | 0.23 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:02 | 1 |
| Chlorobenzene | ND | | 2.4 | 0.32 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:02 | 1 |
| Dibromochloromethane | ND | | 2.4 | 0.31 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:02 | 1 |
| Chloroethane | ND | | 2.4 | 0.54 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:02 | 1 |
| Chloroform | ND | | 2.4 | 0.15 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:02 | 1 |
| Chloromethane | ND | | 2.4 | 0.15 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:02 | 1 |

**Client Sample ID: SB-3 (4-6)**
**Date Collected: 10/14/14 10:20**
**Date Received: 10/15/14 01:30**

**Lab Sample ID: 480-69271-13**
**Matrix: Solid**
**Percent Solids: 81.1**

**Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| cis-1,2-Dichloroethene | ND | | 2.4 | 0.31 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:02 | 1 |
| cis-1,3-Dichloropropene | ND | | 2.4 | 0.35 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:02 | 1 |
| Cyclohexane | ND | | 2.4 | 0.34 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:02 | 1 |
| Dichlorodifluoromethane | ND | | 2.4 | 0.20 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:02 | 1 |
| Ethylbenzene | ND | | 2.4 | 0.17 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:02 | 1 |
| 1,2-Dibromoethane | ND | | 2.4 | 0.31 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:02 | 1 |
| Isopropylbenzene | ND | | 2.4 | 0.36 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:02 | 1 |
| Methyl acetate | ND | | 2.4 | 1.5 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:02 | 1 |
| Methyl tert-butyl ether | ND | | 2.4 | 0.24 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:02 | 1 |
| Methylcyclohexane | ND | | 2.4 | 0.37 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:02 | 1 |
| Methylene Chloride | ND | | 2.4 | 1.1 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:02 | 1 |
| Styrene | ND | | 2.4 | 0.12 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:02 | 1 |
| **Tetrachloroethene** | **0.71** | **J** | 2.4 | 0.32 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:02 | 1 |
| Toluene | ND | | 2.4 | 0.18 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:02 | 1 |
| trans-1,2-Dichloroethene | ND | | 2.4 | 0.25 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:02 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.4 | 1.1 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:02 | 1 |
| Trichloroethene | ND | | 2.4 | 0.53 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:02 | 1 |
| Trichlorofluoromethane | ND | | 2.4 | 0.23 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:02 | 1 |
| Vinyl chloride | ND | | 2.4 | 0.29 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:02 | 1 |
| Xylenes, Total | ND | | 4.8 | 0.40 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:02 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Toluene-d8 (Surr)* | *106* | | *71 - 125* | *10/16/14 18:11* | *10/17/14 17:02* | *1* |
| *1,2-Dichloroethane-d4 (Surr)* | *114* | | *64 - 126* | *10/16/14 18:11* | *10/17/14 17:02* | *1* |
| *4-Bromofluorobenzene (Surr)* | *96* | | *72 - 126* | *10/16/14 18:11* | *10/17/14 17:02* | *1* |
| *Dibromofluoromethane (Surr)* | *111* | | *60 - 140* | *10/16/14 18:11* | *10/17/14 17:02* | *1* |

**Client Sample ID: SB-3 (6-8)**
**Date Collected: 10/14/14 10:30**
**Date Received: 10/15/14 01:30**

**Lab Sample ID: 480-69271-14**
**Matrix: Solid**
**Percent Solids: 90.4**

**Method: 8260C - Volatile Organic Compounds by GC/MS**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ND | | 2.4 | 0.17 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:28 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.4 | 0.39 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:28 | 1 |
| 1,1,2-Trichloroethane | ND | | 2.4 | 0.31 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:28 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 2.4 | 0.55 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:28 | 1 |
| 1,1-Dichloroethane | ND | | 2.4 | 0.29 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:28 | 1 |
| 1,1-Dichloroethene | ND | | 2.4 | 0.29 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:28 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.4 | 0.15 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:28 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 2.4 | 1.2 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:28 | 1 |
| 1,2-Dichlorobenzene | ND | | 2.4 | 0.19 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:28 | 1 |
| 1,2-Dichloroethane | ND | | 2.4 | 0.12 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:28 | 1 |
| 1,2-Dichloropropane | ND | | 2.4 | 1.2 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:28 | 1 |
| 1,3-Dichlorobenzene | ND | | 2.4 | 0.12 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:28 | 1 |
| 1,4-Dichlorobenzene | ND | | 2.4 | 0.34 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:28 | 1 |
| 2-Butanone (MEK) | ND | | 12 | 0.88 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:28 | 1 |
| 2-Hexanone | ND | | 12 | 1.2 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:28 | 1 |
| 4-Methyl-2-pentanone (MIBK) | ND | | 12 | 0.79 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:28 | 1 |
| Acetone | ND | | 12 | 2.0 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:28 | 1 |

**Client Sample ID: SB-3 (6-8)**
**Date Collected: 10/14/14 10:30**
**Date Received: 10/15/14 01:30**

**Lab Sample ID: 480-69271-14**
**Matrix: Solid**
**Percent Solids: 90.4**

**Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | | 2.4 | 0.12 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:28 | 1 |
| Bromodichloromethane | ND | | 2.4 | 0.32 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:28 | 1 |
| Bromoform | ND | | 2.4 | 1.2 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:28 | 1 |
| Bromomethane | ND | | 2.4 | 0.22 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:28 | 1 |
| Carbon disulfide | ND | | 2.4 | 1.2 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:28 | 1 |
| Carbon tetrachloride | ND | | 2.4 | 0.23 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:28 | 1 |
| Chlorobenzene | ND | | 2.4 | 0.32 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:28 | 1 |
| Dibromochloromethane | ND | | 2.4 | 0.31 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:28 | 1 |
| Chloroethane | ND | | 2.4 | 0.54 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:28 | 1 |
| Chloroform | ND | | 2.4 | 0.15 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:28 | 1 |
| Chloromethane | ND | | 2.4 | 0.14 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:28 | 1 |
| cis-1,2-Dichloroethene | ND | | 2.4 | 0.31 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:28 | 1 |
| cis-1,3-Dichloropropene | ND | | 2.4 | 0.34 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:28 | 1 |
| Cyclohexane | ND | | 2.4 | 0.34 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:28 | 1 |
| Dichlorodifluoromethane | ND | | 2.4 | 0.20 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:28 | 1 |
| Ethylbenzene | ND | | 2.4 | 0.17 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:28 | 1 |
| 1,2-Dibromoethane | ND | | 2.4 | 0.31 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:28 | 1 |
| Isopropylbenzene | ND | | 2.4 | 0.36 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:28 | 1 |
| Methyl acetate | ND | | 2.4 | 1.4 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:28 | 1 |
| Methyl tert-butyl ether | ND | | 2.4 | 0.24 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:28 | 1 |
| Methylcyclohexane | ND | | 2.4 | 0.36 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:28 | 1 |
| Methylene Chloride | ND | | 2.4 | 1.1 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:28 | 1 |
| Styrene | ND | | 2.4 | 0.12 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:28 | 1 |
| Tetrachloroethene | ND | | 2.4 | 0.32 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:28 | 1 |
| Toluene | ND | | 2.4 | 0.18 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:28 | 1 |
| trans-1,2-Dichloroethene | ND | | 2.4 | 0.25 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:28 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.4 | 1.1 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:28 | 1 |
| Trichloroethene | ND | | 2.4 | 0.53 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:28 | 1 |
| Trichlorofluoromethane | ND | | 2.4 | 0.23 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:28 | 1 |
| Vinyl chloride | ND | | 2.4 | 0.29 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:28 | 1 |
| Xylenes, Total | ND | | 4.8 | 0.40 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:28 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Toluene-d8 (Surr)* | *106* | | *71 - 125* | *10/16/14 18:11* | *10/17/14 17:28* | *1* |
| *1,2-Dichloroethane-d4 (Surr)* | *113* | | *64 - 126* | *10/16/14 18:11* | *10/17/14 17:28* | *1* |
| *4-Bromofluorobenzene (Surr)* | *100* | | *72 - 126* | *10/16/14 18:11* | *10/17/14 17:28* | *1* |
| *Dibromofluoromethane (Surr)* | *112* | | *60 - 140* | *10/16/14 18:11* | *10/17/14 17:28* | *1* |

**Client Sample ID: SB-4 (1-3)**
**Date Collected: 10/14/14 11:40**
**Date Received: 10/15/14 01:30**

**Lab Sample ID: 480-69271-15**
**Matrix: Solid**
**Percent Solids: 92.0**

**Method: 8260C - Volatile Organic Compounds by GC/MS**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ND | | 2.4 | 0.17 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:54 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.4 | 0.39 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:54 | 1 |
| 1,1,2-Trichloroethane | ND | | 2.4 | 0.31 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:54 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 2.4 | 0.55 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:54 | 1 |
| 1,1-Dichloroethane | ND | | 2.4 | 0.29 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:54 | 1 |
| 1,1-Dichloroethene | ND | | 2.4 | 0.29 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:54 | 1 |

Client: URS Corporation
Project/Site: Walgreens Site (Kingston, NY)

TestAmerica Job ID: 480-69271-1

**Client Sample ID: SB-4 (1-3)**
**Date Collected: 10/14/14 11:40**
**Date Received: 10/15/14 01:30**

**Lab Sample ID: 480-69271-15**
**Matrix: Solid**
**Percent Solids: 92.0**

**Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,2,4-Trichlorobenzene | ND | | 2.4 | 0.15 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:54 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 2.4 | 1.2 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:54 | 1 |
| 1,2-Dichlorobenzene | ND | | 2.4 | 0.19 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:54 | 1 |
| 1,2-Dichloroethane | ND | | 2.4 | 0.12 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:54 | 1 |
| 1,2-Dichloropropane | ND | | 2.4 | 1.2 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:54 | 1 |
| 1,3-Dichlorobenzene | ND | | 2.4 | 0.12 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:54 | 1 |
| 1,4-Dichlorobenzene | ND | | 2.4 | 0.34 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:54 | 1 |
| 2-Butanone (MEK) | ND | | 12 | 0.88 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:54 | 1 |
| 2-Hexanone | ND | | 12 | 1.2 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:54 | 1 |
| 4-Methyl-2-pentanone (MIBK) | ND | | 12 | 0.79 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:54 | 1 |
| **Acetone** | **6.7** | **J** | 12 | 2.0 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:54 | 1 |
| Benzene | ND | | 2.4 | 0.12 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:54 | 1 |
| Bromodichloromethane | ND | | 2.4 | 0.32 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:54 | 1 |
| Bromoform | ND | | 2.4 | 1.2 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:54 | 1 |
| Bromomethane | ND | | 2.4 | 0.22 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:54 | 1 |
| Carbon disulfide | ND | | 2.4 | 1.2 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:54 | 1 |
| Carbon tetrachloride | ND | | 2.4 | 0.23 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:54 | 1 |
| Chlorobenzene | ND | | 2.4 | 0.32 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:54 | 1 |
| Dibromochloromethane | ND | | 2.4 | 0.31 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:54 | 1 |
| Chloroethane | ND | | 2.4 | 0.54 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:54 | 1 |
| Chloroform | ND | | 2.4 | 0.15 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:54 | 1 |
| Chloromethane | ND | | 2.4 | 0.14 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:54 | 1 |
| cis-1,2-Dichloroethene | ND | | 2.4 | 0.31 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:54 | 1 |
| cis-1,3-Dichloropropene | ND | | 2.4 | 0.34 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:54 | 1 |
| Cyclohexane | ND | | 2.4 | 0.34 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:54 | 1 |
| Dichlorodifluoromethane | ND | | 2.4 | 0.20 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:54 | 1 |
| Ethylbenzene | ND | | 2.4 | 0.17 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:54 | 1 |
| 1,2-Dibromoethane | ND | | 2.4 | 0.31 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:54 | 1 |
| Isopropylbenzene | ND | | 2.4 | 0.36 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:54 | 1 |
| Methyl acetate | ND | | 2.4 | 1.4 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:54 | 1 |
| Methyl tert-butyl ether | ND | | 2.4 | 0.24 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:54 | 1 |
| Methylcyclohexane | ND | | 2.4 | 0.36 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:54 | 1 |
| Methylene Chloride | ND | | 2.4 | 1.1 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:54 | 1 |
| Styrene | ND | | 2.4 | 0.12 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:54 | 1 |
| **Tetrachloroethene** | **29** | | 2.4 | 0.32 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:54 | 1 |
| Toluene | ND | | 2.4 | 0.18 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:54 | 1 |
| trans-1,2-Dichloroethene | ND | | 2.4 | 0.25 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:54 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.4 | 1.1 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:54 | 1 |
| Trichloroethene | ND | | 2.4 | 0.53 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:54 | 1 |
| Trichlorofluoromethane | ND | | 2.4 | 0.23 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:54 | 1 |
| Vinyl chloride | ND | | 2.4 | 0.29 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:54 | 1 |
| Xylenes, Total | ND | | 4.8 | 0.40 | ug/Kg | ☼ | 10/16/14 18:11 | 10/17/14 17:54 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Toluene-d8 (Surr)* | *105* | | *71 - 125* | *10/16/14 18:11* | *10/17/14 17:54* | *1* |
| *1,2-Dichloroethane-d4 (Surr)* | *112* | | *64 - 126* | *10/16/14 18:11* | *10/17/14 17:54* | *1* |
| *4-Bromofluorobenzene (Surr)* | *97* | | *72 - 126* | *10/16/14 18:11* | *10/17/14 17:54* | *1* |
| *Dibromofluoromethane (Surr)* | *111* | | *60 - 140* | *10/16/14 18:11* | *10/17/14 17:54* | *1* |

Client: URS Corporation
Project/Site: Walgreens Site (Kingston, NY)

TestAmerica Job ID: 480-69271-1

**Client Sample ID: SB-4 (3-5)**
**Date Collected: 10/14/14 11:45**
**Date Received: 10/15/14 01:30**

**Lab Sample ID: 480-69271-16**
**Matrix: Solid**
**Percent Solids: 90.9**

**Method: 8260C - Volatile Organic Compounds by GC/MS**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ND | | 2.4 | 0.18 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:06 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.4 | 0.39 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:06 | 1 |
| 1,1,2-Trichloroethane | ND | | 2.4 | 0.31 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:06 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 2.4 | 0.55 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:06 | 1 |
| 1,1-Dichloroethane | ND | | 2.4 | 0.29 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:06 | 1 |
| 1,1-Dichloroethene | ND | | 2.4 | 0.30 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:06 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.4 | 0.15 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:06 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 2.4 | 1.2 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:06 | 1 |
| 1,2-Dichlorobenzene | ND | | 2.4 | 0.19 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:06 | 1 |
| 1,2-Dichloroethane | ND | | 2.4 | 0.12 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:06 | 1 |
| 1,2-Dichloropropane | ND | | 2.4 | 1.2 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:06 | 1 |
| 1,3-Dichlorobenzene | ND | | 2.4 | 0.12 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:06 | 1 |
| 1,4-Dichlorobenzene | ND | | 2.4 | 0.34 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:06 | 1 |
| 2-Butanone (MEK) | ND | | 12 | 0.88 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:06 | 1 |
| 2-Hexanone | ND | | 12 | 1.2 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:06 | 1 |
| 4-Methyl-2-pentanone (MIBK) | ND | | 12 | 0.79 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:06 | 1 |
| Acetone | ND | | 12 | 2.0 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:06 | 1 |
| Benzene | ND | | 2.4 | 0.12 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:06 | 1 |
| Bromodichloromethane | ND | | 2.4 | 0.32 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:06 | 1 |
| Bromoform | ND | | 2.4 | 1.2 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:06 | 1 |
| Bromomethane | ND | | 2.4 | 0.22 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:06 | 1 |
| Carbon disulfide | ND | | 2.4 | 1.2 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:06 | 1 |
| Carbon tetrachloride | ND | | 2.4 | 0.23 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:06 | 1 |
| Chlorobenzene | ND | | 2.4 | 0.32 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:06 | 1 |
| Dibromochloromethane | ND | | 2.4 | 0.31 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:06 | 1 |
| Chloroethane | ND | | 2.4 | 0.55 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:06 | 1 |
| Chloroform | ND | | 2.4 | 0.15 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:06 | 1 |
| Chloromethane | ND | | 2.4 | 0.15 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:06 | 1 |
| cis-1,2-Dichloroethene | ND | | 2.4 | 0.31 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:06 | 1 |
| cis-1,3-Dichloropropene | ND | | 2.4 | 0.35 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:06 | 1 |
| Cyclohexane | ND | | 2.4 | 0.34 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:06 | 1 |
| Dichlorodifluoromethane | ND | | 2.4 | 0.20 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:06 | 1 |
| Ethylbenzene | ND | | 2.4 | 0.17 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:06 | 1 |
| 1,2-Dibromoethane | ND | | 2.4 | 0.31 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:06 | 1 |
| Isopropylbenzene | ND | | 2.4 | 0.36 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:06 | 1 |
| Methyl acetate | ND | | 2.4 | 1.5 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:06 | 1 |
| Methyl tert-butyl ether | ND | | 2.4 | 0.24 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:06 | 1 |
| Methylcyclohexane | ND | | 2.4 | 0.37 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:06 | 1 |
| Methylene Chloride | ND | | 2.4 | 1.1 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:06 | 1 |
| Styrene | ND | | 2.4 | 0.12 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:06 | 1 |
| **Tetrachloroethene** | **24** | | 2.4 | 0.32 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:06 | 1 |
| Toluene | ND | | 2.4 | 0.18 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:06 | 1 |
| trans-1,2-Dichloroethene | ND | | 2.4 | 0.25 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:06 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.4 | 1.1 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:06 | 1 |
| Trichloroethene | ND | | 2.4 | 0.53 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:06 | 1 |
| Trichlorofluoromethane | ND | | 2.4 | 0.23 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:06 | 1 |
| Vinyl chloride | ND | | 2.4 | 0.29 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:06 | 1 |
| Xylenes, Total | ND | | 4.8 | 0.41 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:06 | 1 |

## Client Sample ID: SB-4 (3-5)

**Lab Sample ID: 480-69271-16**

**Date Collected: 10/14/14 11:45**
**Matrix: Solid**
**Date Received: 10/15/14 01:30**
**Percent Solids: 90.9**

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| Toluene-d8 (Surr) | 106 | | 71 - 125 | 10/16/14 18:11 | 10/18/14 00:06 | 1 |
| 1,2-Dichloroethane-d4 (Surr) | 116 | | 64 - 126 | 10/16/14 18:11 | 10/18/14 00:06 | 1 |
| 4-Bromofluorobenzene (Surr) | 99 | | 72 - 126 | 10/16/14 18:11 | 10/18/14 00:06 | 1 |
| Dibromofluoromethane (Surr) | 112 | | 60 - 140 | 10/16/14 18:11 | 10/18/14 00:06 | 1 |

## Client Sample ID: SB-4 (5-7)

**Lab Sample ID: 480-69271-17**

**Date Collected: 10/14/14 11:55**
**Matrix: Solid**
**Date Received: 10/15/14 01:30**
**Percent Solids: 92.1**

### Method: 8260C - Volatile Organic Compounds by GC/MS

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ND | | 2.7 | 0.20 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:32 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.7 | 0.44 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:32 | 1 |
| 1,1,2-Trichloroethane | ND | | 2.7 | 0.35 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:32 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 2.7 | 0.62 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:32 | 1 |
| 1,1-Dichloroethane | ND | | 2.7 | 0.33 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:32 | 1 |
| 1,1-Dichloroethene | ND | | 2.7 | 0.33 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:32 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.7 | 0.17 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:32 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 2.7 | 1.4 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:32 | 1 |
| 1,2-Dichlorobenzene | ND | | 2.7 | 0.21 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:32 | 1 |
| 1,2-Dichloroethane | ND | | 2.7 | 0.14 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:32 | 1 |
| 1,2-Dichloropropane | ND | | 2.7 | 1.4 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:32 | 1 |
| 1,3-Dichlorobenzene | ND | | 2.7 | 0.14 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:32 | 1 |
| 1,4-Dichlorobenzene | ND | | 2.7 | 0.38 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:32 | 1 |
| 2-Butanone (MEK) | ND | | 14 | 0.99 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:32 | 1 |
| 2-Hexanone | ND | | 14 | 1.4 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:32 | 1 |
| 4-Methyl-2-pentanone (MIBK) | ND | | 14 | 0.89 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:32 | 1 |
| **Acetone** | **7.7** | **J** | 14 | 2.3 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:32 | 1 |
| Benzene | ND | | 2.7 | 0.13 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:32 | 1 |
| Bromodichloromethane | ND | | 2.7 | 0.36 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:32 | 1 |
| Bromoform | ND | | 2.7 | 1.4 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:32 | 1 |
| Bromomethane | ND | | 2.7 | 0.24 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:32 | 1 |
| Carbon disulfide | ND | | 2.7 | 1.4 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:32 | 1 |
| Carbon tetrachloride | ND | | 2.7 | 0.26 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:32 | 1 |
| Chlorobenzene | ND | | 2.7 | 0.36 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:32 | 1 |
| Dibromochloromethane | ND | | 2.7 | 0.35 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:32 | 1 |
| Chloroethane | ND | | 2.7 | 0.61 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:32 | 1 |
| Chloroform | ND | | 2.7 | 0.17 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:32 | 1 |
| Chloromethane | ND | | 2.7 | 0.16 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:32 | 1 |
| cis-1,2-Dichloroethene | ND | | 2.7 | 0.35 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:32 | 1 |
| cis-1,3-Dichloropropene | ND | | 2.7 | 0.39 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:32 | 1 |
| Cyclohexane | ND | | 2.7 | 0.38 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:32 | 1 |
| Dichlorodifluoromethane | ND | | 2.7 | 0.22 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:32 | 1 |
| Ethylbenzene | ND | | 2.7 | 0.19 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:32 | 1 |
| 1,2-Dibromoethane | ND | | 2.7 | 0.35 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:32 | 1 |
| Isopropylbenzene | ND | | 2.7 | 0.41 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:32 | 1 |
| Methyl acetate | ND | | 2.7 | 1.6 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:32 | 1 |
| Methyl tert-butyl ether | ND | | 2.7 | 0.27 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:32 | 1 |
| Methylcyclohexane | ND | | 2.7 | 0.41 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:32 | 1 |
| Methylene Chloride | ND | | 2.7 | 1.2 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:32 | 1 |

## Client Sample ID: SB-4 (5-7)

**Lab Sample ID: 480-69271-17**

**Date Collected: 10/14/14 11:55**
**Matrix: Solid**
**Date Received: 10/15/14 01:30**
**Percent Solids: 92.1**

### Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Styrene | ND | | 2.7 | 0.14 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:32 | 1 |
| **Tetrachloroethene** | **2.4** | **J** | 2.7 | 0.36 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:32 | 1 |
| Toluene | ND | | 2.7 | 0.21 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:32 | 1 |
| trans-1,2-Dichloroethene | ND | | 2.7 | 0.28 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:32 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.7 | 1.2 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:32 | 1 |
| Trichloroethene | ND | | 2.7 | 0.60 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:32 | 1 |
| Trichlorofluoromethane | ND | | 2.7 | 0.26 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:32 | 1 |
| Vinyl chloride | ND | | 2.7 | 0.33 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:32 | 1 |
| Xylenes, Total | ND | | 5.4 | 0.46 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:32 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Toluene-d8 (Surr)* | *108* | | *71 - 125* | *10/16/14 18:11* | *10/18/14 00:32* | *1* |
| *1,2-Dichloroethane-d4 (Surr)* | *117* | | *64 - 126* | *10/16/14 18:11* | *10/18/14 00:32* | *1* |
| *4-Bromofluorobenzene (Surr)* | *101* | | *72 - 126* | *10/16/14 18:11* | *10/18/14 00:32* | *1* |
| *Dibromofluoromethane (Surr)* | *114* | | *60 - 140* | *10/16/14 18:11* | *10/18/14 00:32* | *1* |

## Client Sample ID: SB-4 (7-9)

**Lab Sample ID: 480-69271-18**

**Date Collected: 10/14/14 12:05**
**Matrix: Solid**
**Date Received: 10/15/14 01:30**
**Percent Solids: 93.3**

### Method: 8260C - Volatile Organic Compounds by GC/MS

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ND | | 2.8 | 0.20 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:58 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.8 | 0.45 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:58 | 1 |
| 1,1,2-Trichloroethane | ND | | 2.8 | 0.36 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:58 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 2.8 | 0.63 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:58 | 1 |
| 1,1-Dichloroethane | ND | | 2.8 | 0.34 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:58 | 1 |
| 1,1-Dichloroethene | ND | | 2.8 | 0.34 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:58 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.8 | 0.17 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:58 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 2.8 | 1.4 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:58 | 1 |
| 1,2-Dichlorobenzene | ND | | 2.8 | 0.22 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:58 | 1 |
| 1,2-Dichloroethane | ND | | 2.8 | 0.14 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:58 | 1 |
| 1,2-Dichloropropane | ND | | 2.8 | 1.4 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:58 | 1 |
| 1,3-Dichlorobenzene | ND | | 2.8 | 0.14 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:58 | 1 |
| 1,4-Dichlorobenzene | ND | | 2.8 | 0.39 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:58 | 1 |
| 2-Butanone (MEK) | ND | | 14 | 1.0 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:58 | 1 |
| 2-Hexanone | ND | | 14 | 1.4 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:58 | 1 |
| 4-Methyl-2-pentanone (MIBK) | ND | | 14 | 0.91 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:58 | 1 |
| Acetone | ND | | 14 | 2.3 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:58 | 1 |
| Benzene | ND | | 2.8 | 0.14 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:58 | 1 |
| Bromodichloromethane | ND | | 2.8 | 0.37 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:58 | 1 |
| Bromoform | ND | | 2.8 | 1.4 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:58 | 1 |
| Bromomethane | ND | | 2.8 | 0.25 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:58 | 1 |
| Carbon disulfide | ND | | 2.8 | 1.4 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:58 | 1 |
| Carbon tetrachloride | ND | | 2.8 | 0.27 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:58 | 1 |
| Chlorobenzene | ND | | 2.8 | 0.37 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:58 | 1 |
| Dibromochloromethane | ND | | 2.8 | 0.36 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:58 | 1 |
| Chloroethane | ND | | 2.8 | 0.63 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:58 | 1 |
| Chloroform | ND | | 2.8 | 0.17 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:58 | 1 |
| Chloromethane | ND | | 2.8 | 0.17 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:58 | 1 |

## Client Sample ID: SB-4 (7-9)

**Lab Sample ID: 480-69271-18**
**Date Collected: 10/14/14 12:05**
**Matrix: Solid**
**Date Received: 10/15/14 01:30**
**Percent Solids: 93.3**

### Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| cis-1,2-Dichloroethene | ND | | 2.8 | 0.36 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:58 | 1 |
| cis-1,3-Dichloropropene | ND | | 2.8 | 0.40 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:58 | 1 |
| Cyclohexane | ND | | 2.8 | 0.39 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:58 | 1 |
| Dichlorodifluoromethane | ND | | 2.8 | 0.23 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:58 | 1 |
| Ethylbenzene | ND | | 2.8 | 0.19 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:58 | 1 |
| 1,2-Dibromoethane | ND | | 2.8 | 0.36 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:58 | 1 |
| Isopropylbenzene | ND | | 2.8 | 0.42 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:58 | 1 |
| Methyl acetate | ND | | 2.8 | 1.7 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:58 | 1 |
| Methyl tert-butyl ether | ND | | 2.8 | 0.27 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:58 | 1 |
| Methylcyclohexane | ND | | 2.8 | 0.42 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:58 | 1 |
| Methylene Chloride | ND | | 2.8 | 1.3 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:58 | 1 |
| Styrene | ND | | 2.8 | 0.14 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:58 | 1 |
| **Tetrachloroethene** | **4.9** | | 2.8 | 0.37 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:58 | 1 |
| Toluene | ND | | 2.8 | 0.21 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:58 | 1 |
| trans-1,2-Dichloroethene | ND | | 2.8 | 0.29 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:58 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.8 | 1.2 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:58 | 1 |
| Trichloroethene | ND | | 2.8 | 0.61 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:58 | 1 |
| Trichlorofluoromethane | ND | | 2.8 | 0.26 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:58 | 1 |
| Vinyl chloride | ND | | 2.8 | 0.34 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:58 | 1 |
| Xylenes, Total | ND | | 5.6 | 0.47 | ug/Kg | ☼ | 10/16/14 18:11 | 10/18/14 00:58 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Toluene-d8 (Surr)* | *106* | | *71 - 125* | *10/16/14 18:11* | *10/18/14 00:58* | *1* |
| *1,2-Dichloroethane-d4 (Surr)* | *115* | | *64 - 126* | *10/16/14 18:11* | *10/18/14 00:58* | *1* |
| *4-Bromofluorobenzene (Surr)* | *100* | | *72 - 126* | *10/16/14 18:11* | *10/18/14 00:58* | *1* |
| *Dibromofluoromethane (Surr)* | *112* | | *60 - 140* | *10/16/14 18:11* | *10/18/14 00:58* | *1* |

## Client Sample ID: SB-5 (1-3)

**Lab Sample ID: 480-69271-19**
**Date Collected: 10/14/14 12:15**
**Matrix: Solid**
**Date Received: 10/15/14 01:30**
**Percent Solids: 91.0**

### Method: 8260C - Volatile Organic Compounds by GC/MS

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ND | | 2.3 | 0.17 | ug/Kg | ☼ | 10/19/14 09:31 | 10/19/14 11:50 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.3 | 0.38 | ug/Kg | ☼ | 10/19/14 09:31 | 10/19/14 11:50 | 1 |
| 1,1,2-Trichloroethane | ND | | 2.3 | 0.31 | ug/Kg | ☼ | 10/19/14 09:31 | 10/19/14 11:50 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 2.3 | 0.53 | ug/Kg | ☼ | 10/19/14 09:31 | 10/19/14 11:50 | 1 |
| 1,1-Dichloroethane | ND | | 2.3 | 0.29 | ug/Kg | ☼ | 10/19/14 09:31 | 10/19/14 11:50 | 1 |
| 1,1-Dichloroethene | ND | | 2.3 | 0.29 | ug/Kg | ☼ | 10/19/14 09:31 | 10/19/14 11:50 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.3 | 0.14 | ug/Kg | ☼ | 10/19/14 09:31 | 10/19/14 11:50 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 2.3 | 1.2 | ug/Kg | ☼ | 10/19/14 09:31 | 10/19/14 11:50 | 1 |
| 1,2-Dichlorobenzene | ND | | 2.3 | 0.18 | ug/Kg | ☼ | 10/19/14 09:31 | 10/19/14 11:50 | 1 |
| 1,2-Dichloroethane | ND | | 2.3 | 0.12 | ug/Kg | ☼ | 10/19/14 09:31 | 10/19/14 11:50 | 1 |
| 1,2-Dichloropropane | ND | | 2.3 | 1.2 | ug/Kg | ☼ | 10/19/14 09:31 | 10/19/14 11:50 | 1 |
| 1,3-Dichlorobenzene | ND | | 2.3 | 0.12 | ug/Kg | ☼ | 10/19/14 09:31 | 10/19/14 11:50 | 1 |
| 1,4-Dichlorobenzene | ND | | 2.3 | 0.33 | ug/Kg | ☼ | 10/19/14 09:31 | 10/19/14 11:50 | 1 |
| 2-Butanone (MEK) | ND | | 12 | 0.86 | ug/Kg | ☼ | 10/19/14 09:31 | 10/19/14 11:50 | 1 |
| 2-Hexanone | ND | | 12 | 1.2 | ug/Kg | ☼ | 10/19/14 09:31 | 10/19/14 11:50 | 1 |
| 4-Methyl-2-pentanone (MIBK) | ND | | 12 | 0.77 | ug/Kg | ☼ | 10/19/14 09:31 | 10/19/14 11:50 | 1 |
| **Acetone** | **5.7** | **J** | 12 | 2.0 | ug/Kg | ☼ | 10/19/14 09:31 | 10/19/14 11:50 | 1 |

## Client Sample ID: SB-5 (1-3)

**Lab Sample ID: 480-69271-19**

**Date Collected: 10/14/14 12:15**
**Matrix: Solid**
**Date Received: 10/15/14 01:30**
**Percent Solids: 91.0**

### Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | | 2.3 | 0.11 | ug/Kg | ☼ | 10/19/14 09:31 | 10/19/14 11:50 | 1 |
| Bromodichloromethane | ND | | 2.3 | 0.31 | ug/Kg | ☼ | 10/19/14 09:31 | 10/19/14 11:50 | 1 |
| Bromoform | ND | | 2.3 | 1.2 | ug/Kg | ☼ | 10/19/14 09:31 | 10/19/14 11:50 | 1 |
| Bromomethane | ND | | 2.3 | 0.21 | ug/Kg | ☼ | 10/19/14 09:31 | 10/19/14 11:50 | 1 |
| Carbon disulfide | ND | | 2.3 | 1.2 | ug/Kg | ☼ | 10/19/14 09:31 | 10/19/14 11:50 | 1 |
| Carbon tetrachloride | ND | | 2.3 | 0.23 | ug/Kg | ☼ | 10/19/14 09:31 | 10/19/14 11:50 | 1 |
| Chlorobenzene | ND | | 2.3 | 0.31 | ug/Kg | ☼ | 10/19/14 09:31 | 10/19/14 11:50 | 1 |
| Dibromochloromethane | ND | | 2.3 | 0.30 | ug/Kg | ☼ | 10/19/14 09:31 | 10/19/14 11:50 | 1 |
| Chloroethane | ND | | 2.3 | 0.53 | ug/Kg | ☼ | 10/19/14 09:31 | 10/19/14 11:50 | 1 |
| Chloroform | ND | | 2.3 | 0.14 | ug/Kg | ☼ | 10/19/14 09:31 | 10/19/14 11:50 | 1 |
| Chloromethane | ND | | 2.3 | 0.14 | ug/Kg | ☼ | 10/19/14 09:31 | 10/19/14 11:50 | 1 |
| cis-1,2-Dichloroethene | ND | | 2.3 | 0.30 | ug/Kg | ☼ | 10/19/14 09:31 | 10/19/14 11:50 | 1 |
| cis-1,3-Dichloropropene | ND | | 2.3 | 0.34 | ug/Kg | ☼ | 10/19/14 09:31 | 10/19/14 11:50 | 1 |
| Cyclohexane | ND | | 2.3 | 0.33 | ug/Kg | ☼ | 10/19/14 09:31 | 10/19/14 11:50 | 1 |
| Dichlorodifluoromethane | ND | | 2.3 | 0.19 | ug/Kg | ☼ | 10/19/14 09:31 | 10/19/14 11:50 | 1 |
| Ethylbenzene | ND | | 2.3 | 0.16 | ug/Kg | ☼ | 10/19/14 09:31 | 10/19/14 11:50 | 1 |
| 1,2-Dibromoethane | ND | | 2.3 | 0.30 | ug/Kg | ☼ | 10/19/14 09:31 | 10/19/14 11:50 | 1 |
| Isopropylbenzene | ND | | 2.3 | 0.35 | ug/Kg | ☼ | 10/19/14 09:31 | 10/19/14 11:50 | 1 |
| Methyl acetate | ND | | 2.3 | 1.4 | ug/Kg | ☼ | 10/19/14 09:31 | 10/19/14 11:50 | 1 |
| Methyl tert-butyl ether | ND | | 2.3 | 0.23 | ug/Kg | ☼ | 10/19/14 09:31 | 10/19/14 11:50 | 1 |
| Methylcyclohexane | ND | | 2.3 | 0.36 | ug/Kg | ☼ | 10/19/14 09:31 | 10/19/14 11:50 | 1 |
| Methylene Chloride | ND | | 2.3 | 1.1 | ug/Kg | ☼ | 10/19/14 09:31 | 10/19/14 11:50 | 1 |
| Styrene | ND | | 2.3 | 0.12 | ug/Kg | ☼ | 10/19/14 09:31 | 10/19/14 11:50 | 1 |
| **Tetrachloroethene** | **21** | | 2.3 | 0.31 | ug/Kg | ☼ | 10/19/14 09:31 | 10/19/14 11:50 | 1 |
| Toluene | ND | | 2.3 | 0.18 | ug/Kg | ☼ | 10/19/14 09:31 | 10/19/14 11:50 | 1 |
| trans-1,2-Dichloroethene | ND | | 2.3 | 0.24 | ug/Kg | ☼ | 10/19/14 09:31 | 10/19/14 11:50 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.3 | 1.0 | ug/Kg | ☼ | 10/19/14 09:31 | 10/19/14 11:50 | 1 |
| Trichloroethene | ND | | 2.3 | 0.52 | ug/Kg | ☼ | 10/19/14 09:31 | 10/19/14 11:50 | 1 |
| Trichlorofluoromethane | ND | | 2.3 | 0.22 | ug/Kg | ☼ | 10/19/14 09:31 | 10/19/14 11:50 | 1 |
| Vinyl chloride | ND | | 2.3 | 0.29 | ug/Kg | ☼ | 10/19/14 09:31 | 10/19/14 11:50 | 1 |
| Xylenes, Total | ND | | 4.7 | 0.39 | ug/Kg | ☼ | 10/19/14 09:31 | 10/19/14 11:50 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Toluene-d8 (Surr)* | *107* | | *71 - 125* | *10/19/14 09:31* | *10/19/14 11:50* | *1* |
| *1,2-Dichloroethane-d4 (Surr)* | *119* | | *64 - 126* | *10/19/14 09:31* | *10/19/14 11:50* | *1* |
| *4-Bromofluorobenzene (Surr)* | *99* | | *72 - 126* | *10/19/14 09:31* | *10/19/14 11:50* | *1* |
| *Dibromofluoromethane (Surr)* | *116* | | *60 - 140* | *10/19/14 09:31* | *10/19/14 11:50* | *1* |

## Client Sample ID: SB-5 (3-5)

**Lab Sample ID: 480-69271-20**

**Date Collected: 10/14/14 12:35**
**Matrix: Solid**
**Date Received: 10/15/14 01:30**
**Percent Solids: 88.2**

### Method: 8260C - Volatile Organic Compounds by GC/MS

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ND | | 2.4 | 0.17 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 12:16 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.4 | 0.38 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 12:16 | 1 |
| 1,1,2-Trichloroethane | ND | | 2.4 | 0.31 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 12:16 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 2.4 | 0.54 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 12:16 | 1 |
| 1,1-Dichloroethane | ND | | 2.4 | 0.29 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 12:16 | 1 |
| 1,1-Dichloroethene | ND | | 2.4 | 0.29 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 12:16 | 1 |

Client: URS Corporation
Project/Site: Walgreens Site (Kingston, NY)

TestAmerica Job ID: 480-69271-1

**Client Sample ID: SB-5 (3-5)**
**Date Collected: 10/14/14 12:35**
**Date Received: 10/15/14 01:30**

**Lab Sample ID: 480-69271-20**
**Matrix: Solid**
**Percent Solids: 88.2**

**Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,2,4-Trichlorobenzene | ND | | 2.4 | 0.14 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 12:16 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 2.4 | 1.2 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 12:16 | 1 |
| 1,2-Dichlorobenzene | ND | | 2.4 | 0.18 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 12:16 | 1 |
| 1,2-Dichloroethane | ND | | 2.4 | 0.12 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 12:16 | 1 |
| 1,2-Dichloropropane | ND | | 2.4 | 1.2 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 12:16 | 1 |
| 1,3-Dichlorobenzene | ND | | 2.4 | 0.12 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 12:16 | 1 |
| 1,4-Dichlorobenzene | ND | | 2.4 | 0.33 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 12:16 | 1 |
| 2-Butanone (MEK) | ND | | 12 | 0.87 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 12:16 | 1 |
| 2-Hexanone | ND | | 12 | 1.2 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 12:16 | 1 |
| 4-Methyl-2-pentanone (MIBK) | ND | | 12 | 0.78 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 12:16 | 1 |
| **Acetone** | **6.6** | **J** | 12 | 2.0 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 12:16 | 1 |
| Benzene | ND | | 2.4 | 0.12 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 12:16 | 1 |
| Bromodichloromethane | ND | | 2.4 | 0.32 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 12:16 | 1 |
| Bromoform | ND | | 2.4 | 1.2 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 12:16 | 1 |
| Bromomethane | ND | | 2.4 | 0.21 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 12:16 | 1 |
| Carbon disulfide | ND | | 2.4 | 1.2 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 12:16 | 1 |
| Carbon tetrachloride | ND | | 2.4 | 0.23 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 12:16 | 1 |
| Chlorobenzene | ND | | 2.4 | 0.31 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 12:16 | 1 |
| Dibromochloromethane | ND | | 2.4 | 0.30 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 12:16 | 1 |
| Chloroethane | ND | | 2.4 | 0.53 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 12:16 | 1 |
| Chloroform | ND | | 2.4 | 0.15 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 12:16 | 1 |
| Chloromethane | ND | | 2.4 | 0.14 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 12:16 | 1 |
| cis-1,2-Dichloroethene | ND | | 2.4 | 0.30 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 12:16 | 1 |
| cis-1,3-Dichloropropene | ND | | 2.4 | 0.34 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 12:16 | 1 |
| Cyclohexane | ND | | 2.4 | 0.33 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 12:16 | 1 |
| Dichlorodifluoromethane | ND | | 2.4 | 0.20 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 12:16 | 1 |
| Ethylbenzene | ND | | 2.4 | 0.16 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 12:16 | 1 |
| 1,2-Dibromoethane | ND | | 2.4 | 0.30 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 12:16 | 1 |
| Isopropylbenzene | ND | | 2.4 | 0.36 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 12:16 | 1 |
| Methyl acetate | ND | | 2.4 | 1.4 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 12:16 | 1 |
| Methyl tert-butyl ether | ND | | 2.4 | 0.23 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 12:16 | 1 |
| Methylcyclohexane | ND | | 2.4 | 0.36 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 12:16 | 1 |
| Methylene Chloride | ND | | 2.4 | 1.1 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 12:16 | 1 |
| Styrene | ND | | 2.4 | 0.12 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 12:16 | 1 |
| Toluene | ND | | 2.4 | 0.18 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 12:16 | 1 |
| trans-1,2-Dichloroethene | ND | | 2.4 | 0.24 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 12:16 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.4 | 1.0 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 12:16 | 1 |
| **Trichloroethene** | **3.3** | | 2.4 | 0.52 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 12:16 | 1 |
| Trichlorofluoromethane | ND | | 2.4 | 0.22 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 12:16 | 1 |
| Vinyl chloride | ND | | 2.4 | 0.29 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 12:16 | 1 |
| Xylenes, Total | ND | | 4.7 | 0.40 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 12:16 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Toluene-d8 (Surr)* | *106* | | *71 - 125* | *10/16/14 18:11* | *10/19/14 12:16* | *1* |
| *1,2-Dichloroethane-d4 (Surr)* | *117* | | *64 - 126* | *10/16/14 18:11* | *10/19/14 12:16* | *1* |
| *4-Bromofluorobenzene (Surr)* | *98* | | *72 - 126* | *10/16/14 18:11* | *10/19/14 12:16* | *1* |
| *Dibromofluoromethane (Surr)* | *115* | | *60 - 140* | *10/16/14 18:11* | *10/19/14 12:16* | *1* |

Client: URS Corporation
Project/Site: Walgreens Site (Kingston, NY)

TestAmerica Job ID: 480-69271-1

## Client Sample ID: SB-5 (3-5)

**Lab Sample ID: 480-69271-20**
**Date Collected: 10/14/14 12:35**
**Matrix: Solid**
**Date Received: 10/15/14 01:30**
**Percent Solids: 88.2**

### Method: 8260C - Volatile Organic Compounds by GC/MS - DL

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Tetrachloroethene | 1700 | | 36 | 4.8 | ug/Kg | ☼ | 10/22/14 19:21 | 10/23/14 04:04 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Toluene-d8 (Surr)* | *100* | | *50 - 149* | *10/22/14 19:21* | *10/23/14 04:04* | *1* |
| *1,2-Dichloroethane-d4 (Surr)* | *99* | | *53 - 146* | *10/22/14 19:21* | *10/23/14 04:04* | *1* |
| *4-Bromofluorobenzene (Surr)* | *94* | | *49 - 148* | *10/22/14 19:21* | *10/23/14 04:04* | *1* |
| *Dibromofluoromethane (Surr)* | *90* | | *60 - 140* | *10/22/14 19:21* | *10/23/14 04:04* | *1* |

## Client Sample ID: SB-5 (5-7)

**Lab Sample ID: 480-69271-21**
**Date Collected: 10/14/14 12:45**
**Matrix: Solid**
**Date Received: 10/15/14 01:30**
**Percent Solids: 89.8**

### Method: 8260C - Volatile Organic Compounds by GC/MS

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ND | | 2.1 | 0.15 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 12:42 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.1 | 0.34 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 12:42 | 1 |
| 1,1,2-Trichloroethane | ND | | 2.1 | 0.28 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 12:42 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 2.1 | 0.48 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 12:42 | 1 |
| 1,1-Dichloroethane | ND | | 2.1 | 0.26 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 12:42 | 1 |
| 1,1-Dichloroethene | ND | | 2.1 | 0.26 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 12:42 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.1 | 0.13 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 12:42 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 2.1 | 1.1 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 12:42 | 1 |
| 1,2-Dichlorobenzene | ND | | 2.1 | 0.17 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 12:42 | 1 |
| 1,2-Dichloroethane | ND | | 2.1 | 0.11 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 12:42 | 1 |
| 1,2-Dichloropropane | ND | | 2.1 | 1.1 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 12:42 | 1 |
| 1,3-Dichlorobenzene | ND | | 2.1 | 0.11 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 12:42 | 1 |
| 1,4-Dichlorobenzene | ND | | 2.1 | 0.30 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 12:42 | 1 |
| 2-Butanone (MEK) | ND | | 11 | 0.78 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 12:42 | 1 |
| 2-Hexanone | ND | | 11 | 1.1 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 12:42 | 1 |
| 4-Methyl-2-pentanone (MIBK) | ND | | 11 | 0.70 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 12:42 | 1 |
| Acetone | ND | | 11 | 1.8 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 12:42 | 1 |
| Benzene | ND | | 2.1 | 0.10 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 12:42 | 1 |
| Bromodichloromethane | ND | | 2.1 | 0.28 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 12:42 | 1 |
| Bromoform | ND | | 2.1 | 1.1 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 12:42 | 1 |
| Bromomethane | ND | | 2.1 | 0.19 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 12:42 | 1 |
| Carbon disulfide | ND | | 2.1 | 1.1 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 12:42 | 1 |
| Carbon tetrachloride | ND | | 2.1 | 0.21 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 12:42 | 1 |
| Chlorobenzene | ND | | 2.1 | 0.28 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 12:42 | 1 |
| Dibromochloromethane | ND | | 2.1 | 0.27 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 12:42 | 1 |
| Chloroethane | ND | | 2.1 | 0.48 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 12:42 | 1 |
| Chloroform | ND | | 2.1 | 0.13 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 12:42 | 1 |
| Chloromethane | ND | | 2.1 | 0.13 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 12:42 | 1 |
| cis-1,2-Dichloroethene | ND | | 2.1 | 0.27 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 12:42 | 1 |
| cis-1,3-Dichloropropene | ND | | 2.1 | 0.31 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 12:42 | 1 |
| Cyclohexane | ND | | 2.1 | 0.30 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 12:42 | 1 |
| Dichlorodifluoromethane | ND | | 2.1 | 0.18 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 12:42 | 1 |
| Ethylbenzene | ND | | 2.1 | 0.15 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 12:42 | 1 |
| 1,2-Dibromoethane | ND | | 2.1 | 0.27 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 12:42 | 1 |
| Isopropylbenzene | ND | | 2.1 | 0.32 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 12:42 | 1 |
| Methyl acetate | ND | | 2.1 | 1.3 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 12:42 | 1 |

## Client Sample ID: SB-5 (5-7)

**Date Collected: 10/14/14 12:45**
**Date Received: 10/15/14 01:30**

## Lab Sample ID: 480-69271-21

**Matrix: Solid**
**Percent Solids: 89.8**

### Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Methyl tert-butyl ether | ND | | 2.1 | 0.21 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 12:42 | 1 |
| Methylcyclohexane | ND | | 2.1 | 0.32 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 12:42 | 1 |
| Methylene Chloride | ND | | 2.1 | 0.98 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 12:42 | 1 |
| Styrene | ND | | 2.1 | 0.11 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 12:42 | 1 |
| **Tetrachloroethene** | **60** | | 2.1 | 0.29 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 12:42 | 1 |
| Toluene | ND | | 2.1 | 0.16 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 12:42 | 1 |
| trans-1,2-Dichloroethene | ND | | 2.1 | 0.22 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 12:42 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.1 | 0.93 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 12:42 | 1 |
| **Trichloroethene** | **1.1** | **J** | 2.1 | 0.47 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 12:42 | 1 |
| Trichlorofluoromethane | ND | | 2.1 | 0.20 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 12:42 | 1 |
| Vinyl chloride | ND | | 2.1 | 0.26 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 12:42 | 1 |
| Xylenes, Total | ND | | 4.2 | 0.36 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 12:42 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Toluene-d8 (Surr)* | *108* | | *71 - 125* | *10/16/14 18:11* | *10/19/14 12:42* | *1* |
| *1,2-Dichloroethane-d4 (Surr)* | *120* | | *64 - 126* | *10/16/14 18:11* | *10/19/14 12:42* | *1* |
| *4-Bromofluorobenzene (Surr)* | *103* | | *72 - 126* | *10/16/14 18:11* | *10/19/14 12:42* | *1* |
| *Dibromofluoromethane (Surr)* | *117* | | *60 - 140* | *10/16/14 18:11* | *10/19/14 12:42* | *1* |

## Client Sample ID: SB-5 (7-9)

**Date Collected: 10/14/14 12:55**
**Date Received: 10/15/14 01:30**

## Lab Sample ID: 480-69271-22

**Matrix: Solid**
**Percent Solids: 91.0**

### Method: 8260C - Volatile Organic Compounds by GC/MS

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ND | | 2.8 | 0.20 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 13:07 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.8 | 0.45 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 13:07 | 1 |
| 1,1,2-Trichloroethane | ND | | 2.8 | 0.36 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 13:07 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 2.8 | 0.64 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 13:07 | 1 |
| 1,1-Dichloroethane | ND | | 2.8 | 0.34 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 13:07 | 1 |
| 1,1-Dichloroethene | ND | | 2.8 | 0.34 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 13:07 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.8 | 0.17 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 13:07 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 2.8 | 1.4 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 13:07 | 1 |
| 1,2-Dichlorobenzene | ND | | 2.8 | 0.22 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 13:07 | 1 |
| 1,2-Dichloroethane | ND | | 2.8 | 0.14 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 13:07 | 1 |
| 1,2-Dichloropropane | ND | | 2.8 | 1.4 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 13:07 | 1 |
| 1,3-Dichlorobenzene | ND | | 2.8 | 0.14 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 13:07 | 1 |
| 1,4-Dichlorobenzene | ND | | 2.8 | 0.39 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 13:07 | 1 |
| 2-Butanone (MEK) | ND | | 14 | 1.0 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 13:07 | 1 |
| 2-Hexanone | ND | | 14 | 1.4 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 13:07 | 1 |
| 4-Methyl-2-pentanone (MIBK) | ND | | 14 | 0.91 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 13:07 | 1 |
| **Acetone** | **3.6** | **J** | 14 | 2.3 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 13:07 | 1 |
| Benzene | ND | | 2.8 | 0.14 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 13:07 | 1 |
| Bromodichloromethane | ND | | 2.8 | 0.37 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 13:07 | 1 |
| Bromoform | ND | | 2.8 | 1.4 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 13:07 | 1 |
| Bromomethane | ND | | 2.8 | 0.25 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 13:07 | 1 |
| Carbon disulfide | ND | | 2.8 | 1.4 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 13:07 | 1 |
| Carbon tetrachloride | ND | | 2.8 | 0.27 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 13:07 | 1 |
| Chlorobenzene | ND | | 2.8 | 0.37 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 13:07 | 1 |
| Dibromochloromethane | ND | | 2.8 | 0.36 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 13:07 | 1 |

## Client Sample ID: SB-5 (7-9)

**Lab Sample ID: 480-69271-22**

**Date Collected: 10/14/14 12:55**
**Matrix: Solid**
**Date Received: 10/15/14 01:30**
**Percent Solids: 91.0**

### Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloroethane | ND | | 2.8 | 0.63 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 13:07 | 1 |
| Chloroform | ND | | 2.8 | 0.17 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 13:07 | 1 |
| Chloromethane | ND | | 2.8 | 0.17 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 13:07 | 1 |
| cis-1,2-Dichloroethene | ND | | 2.8 | 0.36 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 13:07 | 1 |
| cis-1,3-Dichloropropene | ND | | 2.8 | 0.40 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 13:07 | 1 |
| Cyclohexane | ND | | 2.8 | 0.39 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 13:07 | 1 |
| Dichlorodifluoromethane | ND | | 2.8 | 0.23 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 13:07 | 1 |
| Ethylbenzene | ND | | 2.8 | 0.19 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 13:07 | 1 |
| 1,2-Dibromoethane | ND | | 2.8 | 0.36 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 13:07 | 1 |
| Isopropylbenzene | ND | | 2.8 | 0.42 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 13:07 | 1 |
| Methyl acetate | ND | | 2.8 | 1.7 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 13:07 | 1 |
| Methyl tert-butyl ether | ND | | 2.8 | 0.27 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 13:07 | 1 |
| Methylcyclohexane | ND | | 2.8 | 0.42 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 13:07 | 1 |
| Methylene Chloride | ND | | 2.8 | 1.3 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 13:07 | 1 |
| Styrene | ND | | 2.8 | 0.14 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 13:07 | 1 |
| **Tetrachloroethene** | **23** | | 2.8 | 0.37 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 13:07 | 1 |
| Toluene | ND | | 2.8 | 0.21 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 13:07 | 1 |
| trans-1,2-Dichloroethene | ND | | 2.8 | 0.29 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 13:07 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.8 | 1.2 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 13:07 | 1 |
| Trichloroethene | ND | | 2.8 | 0.61 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 13:07 | 1 |
| Trichlorofluoromethane | ND | | 2.8 | 0.26 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 13:07 | 1 |
| Vinyl chloride | ND | | 2.8 | 0.34 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 13:07 | 1 |
| Xylenes, Total | ND | | 5.6 | 0.47 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 13:07 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Toluene-d8 (Surr)* | *105* | | *71 - 125* | *10/16/14 18:11* | *10/19/14 13:07* | *1* |
| *1,2-Dichloroethane-d4 (Surr)* | *115* | | *64 - 126* | *10/16/14 18:11* | *10/19/14 13:07* | *1* |
| *4-Bromofluorobenzene (Surr)* | *98* | | *72 - 126* | *10/16/14 18:11* | *10/19/14 13:07* | *1* |
| *Dibromofluoromethane (Surr)* | *116* | | *60 - 140* | *10/16/14 18:11* | *10/19/14 13:07* | *1* |

## Client Sample ID: SB-6 (1-3)

**Lab Sample ID: 480-69271-23**

**Date Collected: 10/14/14 14:40**
**Matrix: Solid**
**Date Received: 10/15/14 01:30**
**Percent Solids: 92.7**

### Method: 8260C - Volatile Organic Compounds by GC/MS

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ND | | 2.4 | 0.17 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 14:24 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.4 | 0.39 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 14:24 | 1 |
| 1,1,2-Trichloroethane | ND | | 2.4 | 0.31 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 14:24 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 2.4 | 0.55 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 14:24 | 1 |
| 1,1-Dichloroethane | ND | | 2.4 | 0.29 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 14:24 | 1 |
| 1,1-Dichloroethene | ND | | 2.4 | 0.29 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 14:24 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.4 | 0.15 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 14:24 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 2.4 | 1.2 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 14:24 | 1 |
| 1,2-Dichlorobenzene | ND | | 2.4 | 0.19 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 14:24 | 1 |
| 1,2-Dichloroethane | ND | | 2.4 | 0.12 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 14:24 | 1 |
| 1,2-Dichloropropane | ND | | 2.4 | 1.2 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 14:24 | 1 |
| 1,3-Dichlorobenzene | ND | | 2.4 | 0.12 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 14:24 | 1 |
| 1,4-Dichlorobenzene | ND | | 2.4 | 0.34 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 14:24 | 1 |
| 2-Butanone (MEK) | ND | | 12 | 0.88 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 14:24 | 1 |

## Client Sample ID: SB-6 (1-3)

**Date Collected: 10/14/14 14:40**
**Date Received: 10/15/14 01:30**

**Lab Sample ID: 480-69271-23**
**Matrix: Solid**
**Percent Solids: 92.7**

### Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 2-Hexanone | ND | | 12 | 1.2 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 14:24 | 1 |
| 4-Methyl-2-pentanone (MIBK) | ND | | 12 | 0.79 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 14:24 | 1 |
| Acetone | ND | | 12 | 2.0 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 14:24 | 1 |
| Benzene | ND | | 2.4 | 0.12 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 14:24 | 1 |
| Bromodichloromethane | ND | | 2.4 | 0.32 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 14:24 | 1 |
| Bromoform | ND | | 2.4 | 1.2 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 14:24 | 1 |
| Bromomethane | ND | | 2.4 | 0.22 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 14:24 | 1 |
| Carbon disulfide | ND | | 2.4 | 1.2 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 14:24 | 1 |
| Carbon tetrachloride | ND | | 2.4 | 0.23 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 14:24 | 1 |
| Chlorobenzene | ND | | 2.4 | 0.32 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 14:24 | 1 |
| Dibromochloromethane | ND | | 2.4 | 0.31 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 14:24 | 1 |
| Chloroethane | ND | | 2.4 | 0.54 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 14:24 | 1 |
| Chloroform | ND | | 2.4 | 0.15 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 14:24 | 1 |
| Chloromethane | ND | | 2.4 | 0.15 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 14:24 | 1 |
| cis-1,2-Dichloroethene | ND | | 2.4 | 0.31 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 14:24 | 1 |
| cis-1,3-Dichloropropene | ND | | 2.4 | 0.35 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 14:24 | 1 |
| Cyclohexane | ND | | 2.4 | 0.34 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 14:24 | 1 |
| Dichlorodifluoromethane | ND | | 2.4 | 0.20 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 14:24 | 1 |
| Ethylbenzene | ND | | 2.4 | 0.17 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 14:24 | 1 |
| 1,2-Dibromoethane | ND | | 2.4 | 0.31 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 14:24 | 1 |
| Isopropylbenzene | ND | | 2.4 | 0.36 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 14:24 | 1 |
| Methyl acetate | ND | | 2.4 | 1.5 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 14:24 | 1 |
| Methyl tert-butyl ether | ND | | 2.4 | 0.24 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 14:24 | 1 |
| Methylcyclohexane | ND | | 2.4 | 0.37 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 14:24 | 1 |
| Methylene Chloride | ND | | 2.4 | 1.1 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 14:24 | 1 |
| Styrene | ND | | 2.4 | 0.12 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 14:24 | 1 |
| **Tetrachloroethene** | **0.92** | **J** | 2.4 | 0.32 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 14:24 | 1 |
| Toluene | ND | | 2.4 | 0.18 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 14:24 | 1 |
| trans-1,2-Dichloroethene | ND | | 2.4 | 0.25 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 14:24 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.4 | 1.1 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 14:24 | 1 |
| Trichloroethene | ND | | 2.4 | 0.53 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 14:24 | 1 |
| Trichlorofluoromethane | ND | | 2.4 | 0.23 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 14:24 | 1 |
| Vinyl chloride | ND | | 2.4 | 0.29 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 14:24 | 1 |
| Xylenes, Total | ND | | 4.8 | 0.40 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 14:24 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Toluene-d8 (Surr)* | *107* | | *71 - 125* | *10/16/14 18:11* | *10/19/14 14:24* | *1* |
| *1,2-Dichloroethane-d4 (Surr)* | *116* | | *64 - 126* | *10/16/14 18:11* | *10/19/14 14:24* | *1* |
| *4-Bromofluorobenzene (Surr)* | *96* | | *72 - 126* | *10/16/14 18:11* | *10/19/14 14:24* | *1* |
| *Dibromofluoromethane (Surr)* | *115* | | *60 - 140* | *10/16/14 18:11* | *10/19/14 14:24* | *1* |

## Client Sample ID: SB-6 (3-5)

**Date Collected: 10/14/14 14:50**
**Date Received: 10/15/14 01:30**

**Lab Sample ID: 480-69271-24**
**Matrix: Solid**
**Percent Solids: 96.7**

### Method: 8260C - Volatile Organic Compounds by GC/MS

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ND | | 2.4 | 0.17 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 14:50 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.4 | 0.38 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 14:50 | 1 |
| 1,1,2-Trichloroethane | ND | | 2.4 | 0.31 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 14:50 | 1 |

**Client Sample ID: SB-6 (3-5)**
**Date Collected: 10/14/14 14:50**
**Date Received: 10/15/14 01:30**

**Lab Sample ID: 480-69271-24**
**Matrix: Solid**
**Percent Solids: 96.7**

**Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 2.4 | 0.54 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 14:50 | 1 |
| 1,1-Dichloroethane | ND | | 2.4 | 0.29 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 14:50 | 1 |
| 1,1-Dichloroethene | ND | | 2.4 | 0.29 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 14:50 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.4 | 0.14 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 14:50 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 2.4 | 1.2 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 14:50 | 1 |
| 1,2-Dichlorobenzene | ND | | 2.4 | 0.18 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 14:50 | 1 |
| 1,2-Dichloroethane | ND | | 2.4 | 0.12 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 14:50 | 1 |
| 1,2-Dichloropropane | ND | | 2.4 | 1.2 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 14:50 | 1 |
| 1,3-Dichlorobenzene | ND | | 2.4 | 0.12 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 14:50 | 1 |
| 1,4-Dichlorobenzene | ND | | 2.4 | 0.33 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 14:50 | 1 |
| 2-Butanone (MEK) | ND | | 12 | 0.86 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 14:50 | 1 |
| 2-Hexanone | ND | | 12 | 1.2 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 14:50 | 1 |
| 4-Methyl-2-pentanone (MIBK) | ND | | 12 | 0.77 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 14:50 | 1 |
| **Acetone** | **9.7** | **J** | 12 | 2.0 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 14:50 | 1 |
| Benzene | ND | | 2.4 | 0.12 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 14:50 | 1 |
| Bromodichloromethane | ND | | 2.4 | 0.31 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 14:50 | 1 |
| Bromoform | ND | | 2.4 | 1.2 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 14:50 | 1 |
| Bromomethane | ND | | 2.4 | 0.21 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 14:50 | 1 |
| Carbon disulfide | ND | | 2.4 | 1.2 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 14:50 | 1 |
| Carbon tetrachloride | ND | | 2.4 | 0.23 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 14:50 | 1 |
| Chlorobenzene | ND | | 2.4 | 0.31 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 14:50 | 1 |
| Dibromochloromethane | ND | | 2.4 | 0.30 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 14:50 | 1 |
| Chloroethane | ND | | 2.4 | 0.53 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 14:50 | 1 |
| Chloroform | ND | | 2.4 | 0.15 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 14:50 | 1 |
| Chloromethane | ND | | 2.4 | 0.14 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 14:50 | 1 |
| cis-1,2-Dichloroethene | ND | | 2.4 | 0.30 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 14:50 | 1 |
| cis-1,3-Dichloropropene | ND | | 2.4 | 0.34 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 14:50 | 1 |
| Cyclohexane | ND | | 2.4 | 0.33 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 14:50 | 1 |
| Dichlorodifluoromethane | ND | | 2.4 | 0.19 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 14:50 | 1 |
| Ethylbenzene | ND | | 2.4 | 0.16 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 14:50 | 1 |
| 1,2-Dibromoethane | ND | | 2.4 | 0.30 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 14:50 | 1 |
| Isopropylbenzene | ND | | 2.4 | 0.35 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 14:50 | 1 |
| Methyl acetate | ND | | 2.4 | 1.4 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 14:50 | 1 |
| Methyl tert-butyl ether | ND | | 2.4 | 0.23 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 14:50 | 1 |
| Methylcyclohexane | ND | | 2.4 | 0.36 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 14:50 | 1 |
| Methylene Chloride | ND | | 2.4 | 1.1 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 14:50 | 1 |
| Styrene | ND | | 2.4 | 0.12 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 14:50 | 1 |
| **Tetrachloroethene** | **2.3** | **J** | 2.4 | 0.32 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 14:50 | 1 |
| Toluene | ND | | 2.4 | 0.18 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 14:50 | 1 |
| trans-1,2-Dichloroethene | ND | | 2.4 | 0.24 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 14:50 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.4 | 1.0 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 14:50 | 1 |
| Trichloroethene | ND | | 2.4 | 0.52 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 14:50 | 1 |
| Trichlorofluoromethane | ND | | 2.4 | 0.22 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 14:50 | 1 |
| Vinyl chloride | ND | | 2.4 | 0.29 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 14:50 | 1 |
| Xylenes, Total | ND | | 4.7 | 0.39 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 14:50 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Toluene-d8 (Surr)* | *109* | | *71 - 125* | *10/16/14 18:11* | *10/19/14 14:50* | *1* |
| *1,2-Dichloroethane-d4 (Surr)* | *117* | | *64 - 126* | *10/16/14 18:11* | *10/19/14 14:50* | *1* |
| *4-Bromofluorobenzene (Surr)* | *92* | | *72 - 126* | *10/16/14 18:11* | *10/19/14 14:50* | *1* |

Client: URS Corporation
Project/Site: Walgreens Site (Kingston, NY)

TestAmerica Job ID: 480-69271-1

## Client Sample ID: SB-6 (3-5)

**Lab Sample ID: 480-69271-24**
**Date Collected: 10/14/14 14:50**
**Matrix: Solid**
**Date Received: 10/15/14 01:30**
**Percent Solids: 96.7**

### Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| *Dibromofluoromethane (Surr)* | *116* | | *60 - 140* | *10/16/14 18:11* | *10/19/14 14:50* | *1* |

## Client Sample ID: SB-6 (5-7)

**Lab Sample ID: 480-69271-25**
**Date Collected: 10/14/14 14:55**
**Matrix: Solid**
**Date Received: 10/15/14 01:30**
**Percent Solids: 92.0**

### Method: 8260C - Volatile Organic Compounds by GC/MS

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ND | | 2.7 | 0.20 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 15:15 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.7 | 0.44 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 15:15 | 1 |
| 1,1,2-Trichloroethane | ND | | 2.7 | 0.35 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 15:15 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 2.7 | 0.61 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 15:15 | 1 |
| 1,1-Dichloroethane | ND | | 2.7 | 0.33 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 15:15 | 1 |
| 1,1-Dichloroethene | ND | | 2.7 | 0.33 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 15:15 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.7 | 0.16 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 15:15 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 2.7 | 1.3 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 15:15 | 1 |
| 1,2-Dichlorobenzene | ND | | 2.7 | 0.21 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 15:15 | 1 |
| 1,2-Dichloroethane | ND | | 2.7 | 0.14 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 15:15 | 1 |
| 1,2-Dichloropropane | ND | | 2.7 | 1.3 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 15:15 | 1 |
| 1,3-Dichlorobenzene | ND | | 2.7 | 0.14 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 15:15 | 1 |
| 1,4-Dichlorobenzene | ND | | 2.7 | 0.38 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 15:15 | 1 |
| 2-Butanone (MEK) | ND | | 13 | 0.99 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 15:15 | 1 |
| 2-Hexanone | ND | | 13 | 1.3 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 15:15 | 1 |
| 4-Methyl-2-pentanone (MIBK) | ND | | 13 | 0.88 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 15:15 | 1 |
| **Acetone** | **11** | **J** | 13 | 2.3 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 15:15 | 1 |
| Benzene | ND | | 2.7 | 0.13 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 15:15 | 1 |
| Bromodichloromethane | ND | | 2.7 | 0.36 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 15:15 | 1 |
| Bromoform | ND | | 2.7 | 1.3 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 15:15 | 1 |
| Bromomethane | ND | | 2.7 | 0.24 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 15:15 | 1 |
| Carbon disulfide | ND | | 2.7 | 1.3 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 15:15 | 1 |
| Carbon tetrachloride | ND | | 2.7 | 0.26 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 15:15 | 1 |
| Chlorobenzene | ND | | 2.7 | 0.36 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 15:15 | 1 |
| Dibromochloromethane | ND | | 2.7 | 0.34 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 15:15 | 1 |
| Chloroethane | ND | | 2.7 | 0.61 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 15:15 | 1 |
| Chloroform | ND | | 2.7 | 0.17 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 15:15 | 1 |
| Chloromethane | ND | | 2.7 | 0.16 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 15:15 | 1 |
| cis-1,2-Dichloroethene | ND | | 2.7 | 0.34 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 15:15 | 1 |
| cis-1,3-Dichloropropene | ND | | 2.7 | 0.39 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 15:15 | 1 |
| Cyclohexane | ND | | 2.7 | 0.38 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 15:15 | 1 |
| Dichlorodifluoromethane | ND | | 2.7 | 0.22 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 15:15 | 1 |
| Ethylbenzene | ND | | 2.7 | 0.19 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 15:15 | 1 |
| 1,2-Dibromoethane | ND | | 2.7 | 0.35 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 15:15 | 1 |
| Isopropylbenzene | ND | | 2.7 | 0.41 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 15:15 | 1 |
| Methyl acetate | ND | | 2.7 | 1.6 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 15:15 | 1 |
| Methyl tert-butyl ether | ND | | 2.7 | 0.26 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 15:15 | 1 |
| Methylcyclohexane | ND | | 2.7 | 0.41 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 15:15 | 1 |
| Methylene Chloride | ND | | 2.7 | 1.2 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 15:15 | 1 |
| Styrene | ND | | 2.7 | 0.13 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 15:15 | 1 |
| **Tetrachloroethene** | **1.0** | **J** | 2.7 | 0.36 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 15:15 | 1 |

## Client Sample ID: SB-6 (5-7)

**Lab Sample ID: 480-69271-25**

**Date Collected: 10/14/14 14:55**
**Matrix: Solid**
**Date Received: 10/15/14 01:30**
**Percent Solids: 92.0**

### Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Toluene | ND | | 2.7 | 0.20 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 15:15 | 1 |
| trans-1,2-Dichloroethene | ND | | 2.7 | 0.28 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 15:15 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.7 | 1.2 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 15:15 | 1 |
| Trichloroethene | ND | | 2.7 | 0.59 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 15:15 | 1 |
| Trichlorofluoromethane | ND | | 2.7 | 0.25 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 15:15 | 1 |
| Vinyl chloride | ND | | 2.7 | 0.33 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 15:15 | 1 |
| Xylenes, Total | ND | | 5.4 | 0.45 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 15:15 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Toluene-d8 (Surr)* | *106* | | *71 - 125* | *10/16/14 18:11* | *10/19/14 15:15* | *1* |
| *1,2-Dichloroethane-d4 (Surr)* | *118* | | *64 - 126* | *10/16/14 18:11* | *10/19/14 15:15* | *1* |
| *4-Bromofluorobenzene (Surr)* | *99* | | *72 - 126* | *10/16/14 18:11* | *10/19/14 15:15* | *1* |
| *Dibromofluoromethane (Surr)* | *115* | | *60 - 140* | *10/16/14 18:11* | *10/19/14 15:15* | *1* |

## Client Sample ID: SB-6 (7-9)

**Lab Sample ID: 480-69271-26**

**Date Collected: 10/14/14 15:05**
**Matrix: Solid**
**Date Received: 10/15/14 01:30**
**Percent Solids: 92.3**

### Method: 8260C - Volatile Organic Compounds by GC/MS

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ND | | 2.6 | 0.19 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 15:41 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.6 | 0.42 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 15:41 | 1 |
| 1,1,2-Trichloroethane | ND | | 2.6 | 0.34 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 15:41 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 2.6 | 0.59 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 15:41 | 1 |
| 1,1-Dichloroethane | ND | | 2.6 | 0.31 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 15:41 | 1 |
| 1,1-Dichloroethene | ND | | 2.6 | 0.32 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 15:41 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.6 | 0.16 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 15:41 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 2.6 | 1.3 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 15:41 | 1 |
| 1,2-Dichlorobenzene | ND | | 2.6 | 0.20 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 15:41 | 1 |
| 1,2-Dichloroethane | ND | | 2.6 | 0.13 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 15:41 | 1 |
| 1,2-Dichloropropane | ND | | 2.6 | 1.3 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 15:41 | 1 |
| 1,3-Dichlorobenzene | ND | | 2.6 | 0.13 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 15:41 | 1 |
| 1,4-Dichlorobenzene | ND | | 2.6 | 0.36 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 15:41 | 1 |
| 2-Butanone (MEK) | ND | | 13 | 0.94 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 15:41 | 1 |
| 2-Hexanone | ND | | 13 | 1.3 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 15:41 | 1 |
| 4-Methyl-2-pentanone (MIBK) | ND | | 13 | 0.85 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 15:41 | 1 |
| Acetone | ND | | 13 | 2.2 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 15:41 | 1 |
| Benzene | ND | | 2.6 | 0.13 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 15:41 | 1 |
| Bromodichloromethane | ND | | 2.6 | 0.35 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 15:41 | 1 |
| Bromoform | ND | | 2.6 | 1.3 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 15:41 | 1 |
| Bromomethane | ND | | 2.6 | 0.23 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 15:41 | 1 |
| Carbon disulfide | ND | | 2.6 | 1.3 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 15:41 | 1 |
| Carbon tetrachloride | ND | | 2.6 | 0.25 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 15:41 | 1 |
| Chlorobenzene | ND | | 2.6 | 0.34 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 15:41 | 1 |
| Dibromochloromethane | ND | | 2.6 | 0.33 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 15:41 | 1 |
| Chloroethane | ND | | 2.6 | 0.58 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 15:41 | 1 |
| Chloroform | ND | | 2.6 | 0.16 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 15:41 | 1 |
| Chloromethane | ND | | 2.6 | 0.16 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 15:41 | 1 |
| cis-1,2-Dichloroethene | ND | | 2.6 | 0.33 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 15:41 | 1 |
| cis-1,3-Dichloropropene | ND | | 2.6 | 0.37 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 15:41 | 1 |

## Client Sample ID: SB-6 (7-9)

**Lab Sample ID: 480-69271-26**

**Date Collected: 10/14/14 15:05**
**Matrix: Solid**
**Date Received: 10/15/14 01:30**
**Percent Solids: 92.3**

### Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Cyclohexane | ND | | 2.6 | 0.36 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 15:41 | 1 |
| Dichlorodifluoromethane | ND | | 2.6 | 0.21 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 15:41 | 1 |
| Ethylbenzene | ND | | 2.6 | 0.18 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 15:41 | 1 |
| 1,2-Dibromoethane | ND | | 2.6 | 0.33 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 15:41 | 1 |
| Isopropylbenzene | ND | | 2.6 | 0.39 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 15:41 | 1 |
| Methyl acetate | ND | | 2.6 | 1.6 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 15:41 | 1 |
| Methyl tert-butyl ether | ND | | 2.6 | 0.25 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 15:41 | 1 |
| Methylcyclohexane | ND | | 2.6 | 0.39 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 15:41 | 1 |
| Methylene Chloride | ND | | 2.6 | 1.2 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 15:41 | 1 |
| Styrene | ND | | 2.6 | 0.13 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 15:41 | 1 |
| Tetrachloroethene | ND | | 2.6 | 0.35 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 15:41 | 1 |
| Toluene | ND | | 2.6 | 0.19 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 15:41 | 1 |
| trans-1,2-Dichloroethene | ND | | 2.6 | 0.27 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 15:41 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.6 | 1.1 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 15:41 | 1 |
| Trichloroethene | ND | | 2.6 | 0.57 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 15:41 | 1 |
| Trichlorofluoromethane | ND | | 2.6 | 0.24 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 15:41 | 1 |
| Vinyl chloride | ND | | 2.6 | 0.31 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 15:41 | 1 |
| Xylenes, Total | ND | | 5.2 | 0.43 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 15:41 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Toluene-d8 (Surr)* | *107* | | *71 - 125* | *10/16/14 18:11* | *10/19/14 15:41* | *1* |
| *1,2-Dichloroethane-d4 (Surr)* | *118* | | *64 - 126* | *10/16/14 18:11* | *10/19/14 15:41* | *1* |
| *4-Bromofluorobenzene (Surr)* | *101* | | *72 - 126* | *10/16/14 18:11* | *10/19/14 15:41* | *1* |
| *Dibromofluoromethane (Surr)* | *117* | | *60 - 140* | *10/16/14 18:11* | *10/19/14 15:41* | *1* |

## Client Sample ID: SB-8 (1-3)

**Lab Sample ID: 480-69271-27**

**Date Collected: 10/14/14 14:15**
**Matrix: Solid**
**Date Received: 10/15/14 01:30**
**Percent Solids: 92.1**

### Method: 8260C - Volatile Organic Compounds by GC/MS

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ND | | 2.4 | 0.17 | ug/Kg | ☼ | 10/20/14 09:07 | 10/20/14 10:36 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.4 | 0.39 | ug/Kg | ☼ | 10/20/14 09:07 | 10/20/14 10:36 | 1 |
| 1,1,2-Trichloroethane | ND | | 2.4 | 0.31 | ug/Kg | ☼ | 10/20/14 09:07 | 10/20/14 10:36 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 2.4 | 0.54 | ug/Kg | ☼ | 10/20/14 09:07 | 10/20/14 10:36 | 1 |
| 1,1-Dichloroethane | ND | | 2.4 | 0.29 | ug/Kg | ☼ | 10/20/14 09:07 | 10/20/14 10:36 | 1 |
| 1,1-Dichloroethene | ND | | 2.4 | 0.29 | ug/Kg | ☼ | 10/20/14 09:07 | 10/20/14 10:36 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.4 | 0.14 | ug/Kg | ☼ | 10/20/14 09:07 | 10/20/14 10:36 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 2.4 | 1.2 | ug/Kg | ☼ | 10/20/14 09:07 | 10/20/14 10:36 | 1 |
| 1,2-Dichlorobenzene | ND | | 2.4 | 0.19 | ug/Kg | ☼ | 10/20/14 09:07 | 10/20/14 10:36 | 1 |
| 1,2-Dichloroethane | ND | | 2.4 | 0.12 | ug/Kg | ☼ | 10/20/14 09:07 | 10/20/14 10:36 | 1 |
| 1,2-Dichloropropane | ND | | 2.4 | 1.2 | ug/Kg | ☼ | 10/20/14 09:07 | 10/20/14 10:36 | 1 |
| 1,3-Dichlorobenzene | ND | | 2.4 | 0.12 | ug/Kg | ☼ | 10/20/14 09:07 | 10/20/14 10:36 | 1 |
| 1,4-Dichlorobenzene | ND | | 2.4 | 0.33 | ug/Kg | ☼ | 10/20/14 09:07 | 10/20/14 10:36 | 1 |
| 2-Butanone (MEK) | ND | | 12 | 0.87 | ug/Kg | ☼ | 10/20/14 09:07 | 10/20/14 10:36 | 1 |
| 2-Hexanone | ND | | 12 | 1.2 | ug/Kg | ☼ | 10/20/14 09:07 | 10/20/14 10:36 | 1 |
| 4-Methyl-2-pentanone (MIBK) | ND | | 12 | 0.78 | ug/Kg | ☼ | 10/20/14 09:07 | 10/20/14 10:36 | 1 |
| Acetone | ND | | 12 | 2.0 | ug/Kg | ☼ | 10/20/14 09:07 | 10/20/14 10:36 | 1 |
| Benzene | ND | | 2.4 | 0.12 | ug/Kg | ☼ | 10/20/14 09:07 | 10/20/14 10:36 | 1 |
| Bromodichloromethane | ND | | 2.4 | 0.32 | ug/Kg | ☼ | 10/20/14 09:07 | 10/20/14 10:36 | 1 |

## Client Sample ID: SB-8 (1-3)

**Date Collected: 10/14/14 14:15**
**Date Received: 10/15/14 01:30**

**Lab Sample ID: 480-69271-27**
**Matrix: Solid**
**Percent Solids: 92.1**

### Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Bromoform | ND | | 2.4 | 1.2 | ug/Kg | ☼ | 10/20/14 09:07 | 10/20/14 10:36 | 1 |
| Bromomethane | ND | | 2.4 | 0.21 | ug/Kg | ☼ | 10/20/14 09:07 | 10/20/14 10:36 | 1 |
| Carbon disulfide | ND | | 2.4 | 1.2 | ug/Kg | ☼ | 10/20/14 09:07 | 10/20/14 10:36 | 1 |
| Carbon tetrachloride | ND | | 2.4 | 0.23 | ug/Kg | ☼ | 10/20/14 09:07 | 10/20/14 10:36 | 1 |
| Chlorobenzene | ND | | 2.4 | 0.31 | ug/Kg | ☼ | 10/20/14 09:07 | 10/20/14 10:36 | 1 |
| Dibromochloromethane | ND | | 2.4 | 0.30 | ug/Kg | ☼ | 10/20/14 09:07 | 10/20/14 10:36 | 1 |
| Chloroethane | ND | | 2.4 | 0.54 | ug/Kg | ☼ | 10/20/14 09:07 | 10/20/14 10:36 | 1 |
| Chloroform | ND | | 2.4 | 0.15 | ug/Kg | ☼ | 10/20/14 09:07 | 10/20/14 10:36 | 1 |
| Chloromethane | ND | | 2.4 | 0.14 | ug/Kg | ☼ | 10/20/14 09:07 | 10/20/14 10:36 | 1 |
| cis-1,2-Dichloroethene | ND | | 2.4 | 0.30 | ug/Kg | ☼ | 10/20/14 09:07 | 10/20/14 10:36 | 1 |
| cis-1,3-Dichloropropene | ND | | 2.4 | 0.34 | ug/Kg | ☼ | 10/20/14 09:07 | 10/20/14 10:36 | 1 |
| Cyclohexane | ND | | 2.4 | 0.33 | ug/Kg | ☼ | 10/20/14 09:07 | 10/20/14 10:36 | 1 |
| Dichlorodifluoromethane | ND | | 2.4 | 0.20 | ug/Kg | ☼ | 10/20/14 09:07 | 10/20/14 10:36 | 1 |
| Ethylbenzene | ND | | 2.4 | 0.16 | ug/Kg | ☼ | 10/20/14 09:07 | 10/20/14 10:36 | 1 |
| 1,2-Dibromoethane | ND | | 2.4 | 0.31 | ug/Kg | ☼ | 10/20/14 09:07 | 10/20/14 10:36 | 1 |
| Isopropylbenzene | ND | | 2.4 | 0.36 | ug/Kg | ☼ | 10/20/14 09:07 | 10/20/14 10:36 | 1 |
| Methyl acetate | ND | | 2.4 | 1.4 | ug/Kg | ☼ | 10/20/14 09:07 | 10/20/14 10:36 | 1 |
| Methyl tert-butyl ether | ND | | 2.4 | 0.23 | ug/Kg | ☼ | 10/20/14 09:07 | 10/20/14 10:36 | 1 |
| Methylcyclohexane | ND | | 2.4 | 0.36 | ug/Kg | ☼ | 10/20/14 09:07 | 10/20/14 10:36 | 1 |
| Methylene Chloride | ND | | 2.4 | 1.1 | ug/Kg | ☼ | 10/20/14 09:07 | 10/20/14 10:36 | 1 |
| Styrene | ND | | 2.4 | 0.12 | ug/Kg | ☼ | 10/20/14 09:07 | 10/20/14 10:36 | 1 |
| **Tetrachloroethene** | **4.5** | | 2.4 | 0.32 | ug/Kg | ☼ | 10/20/14 09:07 | 10/20/14 10:36 | 1 |
| Toluene | ND | | 2.4 | 0.18 | ug/Kg | ☼ | 10/20/14 09:07 | 10/20/14 10:36 | 1 |
| trans-1,2-Dichloroethene | ND | | 2.4 | 0.25 | ug/Kg | ☼ | 10/20/14 09:07 | 10/20/14 10:36 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.4 | 1.0 | ug/Kg | ☼ | 10/20/14 09:07 | 10/20/14 10:36 | 1 |
| Trichloroethene | ND | | 2.4 | 0.52 | ug/Kg | ☼ | 10/20/14 09:07 | 10/20/14 10:36 | 1 |
| Trichlorofluoromethane | ND | | 2.4 | 0.22 | ug/Kg | ☼ | 10/20/14 09:07 | 10/20/14 10:36 | 1 |
| Vinyl chloride | ND | | 2.4 | 0.29 | ug/Kg | ☼ | 10/20/14 09:07 | 10/20/14 10:36 | 1 |
| Xylenes, Total | ND | | 4.8 | 0.40 | ug/Kg | ☼ | 10/20/14 09:07 | 10/20/14 10:36 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Toluene-d8 (Surr)* | *107* | | *71 - 125* | *10/20/14 09:07* | *10/20/14 10:36* | *1* |
| *1,2-Dichloroethane-d4 (Surr)* | *121* | | *64 - 126* | *10/20/14 09:07* | *10/20/14 10:36* | *1* |
| *4-Bromofluorobenzene (Surr)* | *98* | | *72 - 126* | *10/20/14 09:07* | *10/20/14 10:36* | *1* |
| *Dibromofluoromethane (Surr)* | *118* | | *60 - 140* | *10/20/14 09:07* | *10/20/14 10:36* | *1* |

## Client Sample ID: SB-8 (3-5)

**Date Collected: 10/14/14 14:20**
**Date Received: 10/15/14 01:30**

**Lab Sample ID: 480-69271-28**
**Matrix: Solid**
**Percent Solids: 86.8**

### Method: 8260C - Volatile Organic Compounds by GC/MS

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ND | | 2.2 | 0.16 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 16:33 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.2 | 0.36 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 16:33 | 1 |
| 1,1,2-Trichloroethane | ND | | 2.2 | 0.29 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 16:33 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 2.2 | 0.51 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 16:33 | 1 |
| 1,1-Dichloroethane | ND | | 2.2 | 0.27 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 16:33 | 1 |
| 1,1-Dichloroethene | ND | | 2.2 | 0.27 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 16:33 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.2 | 0.14 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 16:33 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 2.2 | 1.1 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 16:33 | 1 |

Client: URS Corporation
Project/Site: Walgreens Site (Kingston, NY)

TestAmerica Job ID: 480-69271-1

**Client Sample ID: SB-8 (3-5)**
**Date Collected: 10/14/14 14:20**
**Date Received: 10/15/14 01:30**

**Lab Sample ID: 480-69271-28**
**Matrix: Solid**
**Percent Solids: 86.8**

**Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,2-Dichlorobenzene | ND | | 2.2 | 0.17 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 16:33 | 1 |
| 1,2-Dichloroethane | ND | | 2.2 | 0.11 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 16:33 | 1 |
| 1,2-Dichloropropane | ND | | 2.2 | 1.1 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 16:33 | 1 |
| 1,3-Dichlorobenzene | ND | | 2.2 | 0.11 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 16:33 | 1 |
| 1,4-Dichlorobenzene | ND | | 2.2 | 0.31 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 16:33 | 1 |
| 2-Butanone (MEK) | ND | | 11 | 0.82 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 16:33 | 1 |
| 2-Hexanone | ND | | 11 | 1.1 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 16:33 | 1 |
| 4-Methyl-2-pentanone (MIBK) | ND | | 11 | 0.73 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 16:33 | 1 |
| Acetone | ND | | 11 | 1.9 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 16:33 | 1 |
| Benzene | ND | | 2.2 | 0.11 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 16:33 | 1 |
| Bromodichloromethane | ND | | 2.2 | 0.30 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 16:33 | 1 |
| Bromoform | ND | | 2.2 | 1.1 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 16:33 | 1 |
| Bromomethane | ND | | 2.2 | 0.20 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 16:33 | 1 |
| Carbon disulfide | ND | | 2.2 | 1.1 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 16:33 | 1 |
| Carbon tetrachloride | ND | | 2.2 | 0.22 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 16:33 | 1 |
| Chlorobenzene | ND | | 2.2 | 0.29 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 16:33 | 1 |
| Dibromochloromethane | ND | | 2.2 | 0.29 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 16:33 | 1 |
| Chloroethane | ND | | 2.2 | 0.50 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 16:33 | 1 |
| Chloroform | ND | | 2.2 | 0.14 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 16:33 | 1 |
| Chloromethane | ND | | 2.2 | 0.13 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 16:33 | 1 |
| cis-1,2-Dichloroethene | ND | | 2.2 | 0.29 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 16:33 | 1 |
| cis-1,3-Dichloropropene | ND | | 2.2 | 0.32 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 16:33 | 1 |
| Cyclohexane | ND | | 2.2 | 0.31 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 16:33 | 1 |
| Dichlorodifluoromethane | ND | | 2.2 | 0.18 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 16:33 | 1 |
| Ethylbenzene | ND | | 2.2 | 0.15 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 16:33 | 1 |
| 1,2-Dibromoethane | ND | | 2.2 | 0.29 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 16:33 | 1 |
| Isopropylbenzene | ND | | 2.2 | 0.34 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 16:33 | 1 |
| Methyl acetate | ND | | 2.2 | 1.3 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 16:33 | 1 |
| Methyl tert-butyl ether | ND | | 2.2 | 0.22 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 16:33 | 1 |
| Methylcyclohexane | ND | | 2.2 | 0.34 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 16:33 | 1 |
| Methylene Chloride | ND | | 2.2 | 1.0 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 16:33 | 1 |
| Styrene | ND | | 2.2 | 0.11 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 16:33 | 1 |
| **Tetrachloroethene** | **21** | | 2.2 | 0.30 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 16:33 | 1 |
| Toluene | ND | | 2.2 | 0.17 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 16:33 | 1 |
| trans-1,2-Dichloroethene | ND | | 2.2 | 0.23 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 16:33 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.2 | 0.98 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 16:33 | 1 |
| Trichloroethene | ND | | 2.2 | 0.49 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 16:33 | 1 |
| Trichlorofluoromethane | ND | | 2.2 | 0.21 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 16:33 | 1 |
| Vinyl chloride | ND | | 2.2 | 0.27 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 16:33 | 1 |
| Xylenes, Total | ND | | 4.5 | 0.37 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 16:33 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Toluene-d8 (Surr)* | *106* | | *71 - 125* | *10/16/14 18:11* | *10/19/14 16:33* | *1* |
| *1,2-Dichloroethane-d4 (Surr)* | *123* | | *64 - 126* | *10/16/14 18:11* | *10/19/14 16:33* | *1* |
| *4-Bromofluorobenzene (Surr)* | *97* | | *72 - 126* | *10/16/14 18:11* | *10/19/14 16:33* | *1* |
| *Dibromofluoromethane (Surr)* | *118* | | *60 - 140* | *10/16/14 18:11* | *10/19/14 16:33* | *1* |

Client: URS Corporation
Project/Site: Walgreens Site (Kingston, NY)

TestAmerica Job ID: 480-69271-1

**Client Sample ID: SB-8 (5-7)**
**Date Collected: 10/14/14 14:25**
**Date Received: 10/15/14 01:30**

**Lab Sample ID: 480-69271-29**
**Matrix: Solid**
**Percent Solids: 91.7**

**Method: 8260C - Volatile Organic Compounds by GC/MS**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ND | | 2.7 | 0.20 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 16:58 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.7 | 0.44 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 16:58 | 1 |
| 1,1,2-Trichloroethane | ND | | 2.7 | 0.35 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 16:58 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 2.7 | 0.61 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 16:58 | 1 |
| 1,1-Dichloroethane | ND | | 2.7 | 0.33 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 16:58 | 1 |
| 1,1-Dichloroethene | ND | | 2.7 | 0.33 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 16:58 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.7 | 0.16 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 16:58 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 2.7 | 1.3 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 16:58 | 1 |
| 1,2-Dichlorobenzene | ND | | 2.7 | 0.21 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 16:58 | 1 |
| 1,2-Dichloroethane | ND | | 2.7 | 0.14 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 16:58 | 1 |
| 1,2-Dichloropropane | ND | | 2.7 | 1.3 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 16:58 | 1 |
| 1,3-Dichlorobenzene | ND | | 2.7 | 0.14 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 16:58 | 1 |
| 1,4-Dichlorobenzene | ND | | 2.7 | 0.38 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 16:58 | 1 |
| 2-Butanone (MEK) | ND | | 13 | 0.99 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 16:58 | 1 |
| 2-Hexanone | ND | | 13 | 1.3 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 16:58 | 1 |
| 4-Methyl-2-pentanone (MIBK) | ND | | 13 | 0.88 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 16:58 | 1 |
| **Acetone** | **3.3** | **J** | 13 | 2.3 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 16:58 | 1 |
| Benzene | ND | | 2.7 | 0.13 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 16:58 | 1 |
| Bromodichloromethane | ND | | 2.7 | 0.36 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 16:58 | 1 |
| Bromoform | ND | | 2.7 | 1.3 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 16:58 | 1 |
| Bromomethane | ND | | 2.7 | 0.24 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 16:58 | 1 |
| Carbon disulfide | ND | | 2.7 | 1.3 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 16:58 | 1 |
| Carbon tetrachloride | ND | | 2.7 | 0.26 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 16:58 | 1 |
| Chlorobenzene | ND | | 2.7 | 0.36 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 16:58 | 1 |
| Dibromochloromethane | ND | | 2.7 | 0.35 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 16:58 | 1 |
| Chloroethane | ND | | 2.7 | 0.61 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 16:58 | 1 |
| Chloroform | ND | | 2.7 | 0.17 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 16:58 | 1 |
| Chloromethane | ND | | 2.7 | 0.16 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 16:58 | 1 |
| cis-1,2-Dichloroethene | ND | | 2.7 | 0.35 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 16:58 | 1 |
| cis-1,3-Dichloropropene | ND | | 2.7 | 0.39 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 16:58 | 1 |
| Cyclohexane | ND | | 2.7 | 0.38 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 16:58 | 1 |
| Dichlorodifluoromethane | ND | | 2.7 | 0.22 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 16:58 | 1 |
| Ethylbenzene | ND | | 2.7 | 0.19 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 16:58 | 1 |
| 1,2-Dibromoethane | ND | | 2.7 | 0.35 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 16:58 | 1 |
| Isopropylbenzene | ND | | 2.7 | 0.41 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 16:58 | 1 |
| Methyl acetate | ND | | 2.7 | 1.6 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 16:58 | 1 |
| Methyl tert-butyl ether | ND | | 2.7 | 0.26 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 16:58 | 1 |
| Methylcyclohexane | ND | | 2.7 | 0.41 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 16:58 | 1 |
| Methylene Chloride | ND | | 2.7 | 1.2 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 16:58 | 1 |
| Styrene | ND | | 2.7 | 0.13 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 16:58 | 1 |
| **Tetrachloroethene** | **8.2** | | 2.7 | 0.36 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 16:58 | 1 |
| Toluene | ND | | 2.7 | 0.20 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 16:58 | 1 |
| trans-1,2-Dichloroethene | ND | | 2.7 | 0.28 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 16:58 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.7 | 1.2 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 16:58 | 1 |
| Trichloroethene | ND | | 2.7 | 0.59 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 16:58 | 1 |
| Trichlorofluoromethane | ND | | 2.7 | 0.26 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 16:58 | 1 |
| Vinyl chloride | ND | | 2.7 | 0.33 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 16:58 | 1 |
| Xylenes, Total | ND | | 5.4 | 0.45 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 16:58 | 1 |

## Client Sample ID: SB-8 (5-7)

**Lab Sample ID: 480-69271-29**

**Date Collected: 10/14/14 14:25**
**Matrix: Solid**
**Date Received: 10/15/14 01:30**
**Percent Solids: 91.7**

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Toluene-d8 (Surr)* | *106* | | *71 - 125* | *10/16/14 18:11* | *10/19/14 16:58* | *1* |
| *1,2-Dichloroethane-d4 (Surr)* | *119* | | *64 - 126* | *10/16/14 18:11* | *10/19/14 16:58* | *1* |
| *4-Bromofluorobenzene (Surr)* | *98* | | *72 - 126* | *10/16/14 18:11* | *10/19/14 16:58* | *1* |
| *Dibromofluoromethane (Surr)* | *118* | | *60 - 140* | *10/16/14 18:11* | *10/19/14 16:58* | *1* |

## Client Sample ID: SB-8 (7-8)

**Lab Sample ID: 480-69271-30**

**Date Collected: 10/14/14 14:35**
**Matrix: Solid**
**Date Received: 10/15/14 01:30**
**Percent Solids: 93.4**

### Method: 8260C - Volatile Organic Compounds by GC/MS

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ND | | 2.6 | 0.19 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 17:24 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.6 | 0.42 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 17:24 | 1 |
| 1,1,2-Trichloroethane | ND | | 2.6 | 0.34 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 17:24 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 2.6 | 0.60 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 17:24 | 1 |
| 1,1-Dichloroethane | ND | | 2.6 | 0.32 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 17:24 | 1 |
| 1,1-Dichloroethene | ND | | 2.6 | 0.32 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 17:24 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.6 | 0.16 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 17:24 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 2.6 | 1.3 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 17:24 | 1 |
| 1,2-Dichlorobenzene | ND | | 2.6 | 0.20 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 17:24 | 1 |
| 1,2-Dichloroethane | ND | | 2.6 | 0.13 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 17:24 | 1 |
| 1,2-Dichloropropane | ND | | 2.6 | 1.3 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 17:24 | 1 |
| 1,3-Dichlorobenzene | ND | | 2.6 | 0.13 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 17:24 | 1 |
| 1,4-Dichlorobenzene | ND | | 2.6 | 0.37 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 17:24 | 1 |
| 2-Butanone (MEK) | ND | | 13 | 0.96 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 17:24 | 1 |
| 2-Hexanone | ND | | 13 | 1.3 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 17:24 | 1 |
| 4-Methyl-2-pentanone (MIBK) | ND | | 13 | 0.86 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 17:24 | 1 |
| **Acetone** | **8.8** | **J** | 13 | 2.2 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 17:24 | 1 |
| Benzene | ND | | 2.6 | 0.13 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 17:24 | 1 |
| Bromodichloromethane | ND | | 2.6 | 0.35 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 17:24 | 1 |
| Bromoform | ND | | 2.6 | 1.3 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 17:24 | 1 |
| Bromomethane | ND | | 2.6 | 0.24 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 17:24 | 1 |
| Carbon disulfide | ND | | 2.6 | 1.3 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 17:24 | 1 |
| Carbon tetrachloride | ND | | 2.6 | 0.25 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 17:24 | 1 |
| Chlorobenzene | ND | | 2.6 | 0.35 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 17:24 | 1 |
| Dibromochloromethane | ND | | 2.6 | 0.34 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 17:24 | 1 |
| Chloroethane | ND | | 2.6 | 0.59 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 17:24 | 1 |
| Chloroform | ND | | 2.6 | 0.16 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 17:24 | 1 |
| Chloromethane | ND | | 2.6 | 0.16 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 17:24 | 1 |
| cis-1,2-Dichloroethene | ND | | 2.6 | 0.34 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 17:24 | 1 |
| cis-1,3-Dichloropropene | ND | | 2.6 | 0.38 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 17:24 | 1 |
| Cyclohexane | ND | | 2.6 | 0.37 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 17:24 | 1 |
| Dichlorodifluoromethane | ND | | 2.6 | 0.22 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 17:24 | 1 |
| Ethylbenzene | ND | | 2.6 | 0.18 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 17:24 | 1 |
| 1,2-Dibromoethane | ND | | 2.6 | 0.34 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 17:24 | 1 |
| Isopropylbenzene | ND | | 2.6 | 0.39 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 17:24 | 1 |
| Methyl acetate | ND | | 2.6 | 1.6 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 17:24 | 1 |
| Methyl tert-butyl ether | ND | | 2.6 | 0.26 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 17:24 | 1 |
| Methylcyclohexane | ND | | 2.6 | 0.40 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 17:24 | 1 |
| Methylene Chloride | ND | | 2.6 | 1.2 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 17:24 | 1 |

## Client Sample ID: SB-8 (7-8)

**Lab Sample ID: 480-69271-30**
**Date Collected: 10/14/14 14:35**
**Matrix: Solid**
**Date Received: 10/15/14 01:30**
**Percent Solids: 93.4**

### Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Styrene | ND | | 2.6 | 0.13 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 17:24 | 1 |
| **Tetrachloroethene** | **3.3** | | 2.6 | 0.35 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 17:24 | 1 |
| Toluene | ND | | 2.6 | 0.20 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 17:24 | 1 |
| trans-1,2-Dichloroethene | ND | | 2.6 | 0.27 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 17:24 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.6 | 1.2 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 17:24 | 1 |
| Trichloroethene | ND | | 2.6 | 0.58 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 17:24 | 1 |
| Trichlorofluoromethane | ND | | 2.6 | 0.25 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 17:24 | 1 |
| Vinyl chloride | ND | | 2.6 | 0.32 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 17:24 | 1 |
| Xylenes, Total | ND | | 5.2 | 0.44 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 17:24 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Toluene-d8 (Surr)* | *106* | | *71 - 125* | *10/16/14 18:11* | *10/19/14 17:24* | *1* |
| *1,2-Dichloroethane-d4 (Surr)* | *119* | | *64 - 126* | *10/16/14 18:11* | *10/19/14 17:24* | *1* |
| *4-Bromofluorobenzene (Surr)* | *100* | | *72 - 126* | *10/16/14 18:11* | *10/19/14 17:24* | *1* |
| *Dibromofluoromethane (Surr)* | *117* | | *60 - 140* | *10/16/14 18:11* | *10/19/14 17:24* | *1* |

## Client Sample ID: SB-9 (0-2)

**Lab Sample ID: 480-69271-31**
**Date Collected: 10/14/14 13:35**
**Matrix: Solid**
**Date Received: 10/15/14 01:30**
**Percent Solids: 82.7**

### Method: 8260C - Volatile Organic Compounds by GC/MS

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ND | | 2.6 | 0.19 | ug/Kg | ☼ | 10/20/14 09:07 | 10/20/14 11:01 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.6 | 0.42 | ug/Kg | ☼ | 10/20/14 09:07 | 10/20/14 11:01 | 1 |
| 1,1,2-Trichloroethane | ND | | 2.6 | 0.34 | ug/Kg | ☼ | 10/20/14 09:07 | 10/20/14 11:01 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 2.6 | 0.60 | ug/Kg | ☼ | 10/20/14 09:07 | 10/20/14 11:01 | 1 |
| 1,1-Dichloroethane | ND | | 2.6 | 0.32 | ug/Kg | ☼ | 10/20/14 09:07 | 10/20/14 11:01 | 1 |
| 1,1-Dichloroethene | ND | | 2.6 | 0.32 | ug/Kg | ☼ | 10/20/14 09:07 | 10/20/14 11:01 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.6 | 0.16 | ug/Kg | ☼ | 10/20/14 09:07 | 10/20/14 11:01 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 2.6 | 1.3 | ug/Kg | ☼ | 10/20/14 09:07 | 10/20/14 11:01 | 1 |
| 1,2-Dichlorobenzene | ND | | 2.6 | 0.20 | ug/Kg | ☼ | 10/20/14 09:07 | 10/20/14 11:01 | 1 |
| 1,2-Dichloroethane | ND | | 2.6 | 0.13 | ug/Kg | ☼ | 10/20/14 09:07 | 10/20/14 11:01 | 1 |
| 1,2-Dichloropropane | ND | | 2.6 | 1.3 | ug/Kg | ☼ | 10/20/14 09:07 | 10/20/14 11:01 | 1 |
| 1,3-Dichlorobenzene | ND | | 2.6 | 0.13 | ug/Kg | ☼ | 10/20/14 09:07 | 10/20/14 11:01 | 1 |
| 1,4-Dichlorobenzene | ND | | 2.6 | 0.37 | ug/Kg | ☼ | 10/20/14 09:07 | 10/20/14 11:01 | 1 |
| 2-Butanone (MEK) | ND | | 13 | 0.96 | ug/Kg | ☼ | 10/20/14 09:07 | 10/20/14 11:01 | 1 |
| 2-Hexanone | ND | | 13 | 1.3 | ug/Kg | ☼ | 10/20/14 09:07 | 10/20/14 11:01 | 1 |
| 4-Methyl-2-pentanone (MIBK) | ND | | 13 | 0.86 | ug/Kg | ☼ | 10/20/14 09:07 | 10/20/14 11:01 | 1 |
| Acetone | ND | | 13 | 2.2 | ug/Kg | ☼ | 10/20/14 09:07 | 10/20/14 11:01 | 1 |
| Benzene | ND | | 2.6 | 0.13 | ug/Kg | ☼ | 10/20/14 09:07 | 10/20/14 11:01 | 1 |
| Bromodichloromethane | ND | | 2.6 | 0.35 | ug/Kg | ☼ | 10/20/14 09:07 | 10/20/14 11:01 | 1 |
| Bromoform | ND | | 2.6 | 1.3 | ug/Kg | ☼ | 10/20/14 09:07 | 10/20/14 11:01 | 1 |
| Bromomethane | ND | | 2.6 | 0.23 | ug/Kg | ☼ | 10/20/14 09:07 | 10/20/14 11:01 | 1 |
| Carbon disulfide | ND | | 2.6 | 1.3 | ug/Kg | ☼ | 10/20/14 09:07 | 10/20/14 11:01 | 1 |
| Carbon tetrachloride | ND | | 2.6 | 0.25 | ug/Kg | ☼ | 10/20/14 09:07 | 10/20/14 11:01 | 1 |
| Chlorobenzene | ND | | 2.6 | 0.34 | ug/Kg | ☼ | 10/20/14 09:07 | 10/20/14 11:01 | 1 |
| Dibromochloromethane | ND | | 2.6 | 0.33 | ug/Kg | ☼ | 10/20/14 09:07 | 10/20/14 11:01 | 1 |
| Chloroethane | ND | | 2.6 | 0.59 | ug/Kg | ☼ | 10/20/14 09:07 | 10/20/14 11:01 | 1 |
| Chloroform | ND | | 2.6 | 0.16 | ug/Kg | ☼ | 10/20/14 09:07 | 10/20/14 11:01 | 1 |
| Chloromethane | ND | | 2.6 | 0.16 | ug/Kg | ☼ | 10/20/14 09:07 | 10/20/14 11:01 | 1 |

## Client Sample ID: SB-9 (0-2)

**Date Collected: 10/14/14 13:35**
**Date Received: 10/15/14 01:30**

**Lab Sample ID: 480-69271-31**
**Matrix: Solid**
**Percent Solids: 82.7**

### Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| cis-1,2-Dichloroethene | ND | | 2.6 | 0.33 | ug/Kg | ☼ | 10/20/14 09:07 | 10/20/14 11:01 | 1 |
| cis-1,3-Dichloropropene | ND | | 2.6 | 0.38 | ug/Kg | ☼ | 10/20/14 09:07 | 10/20/14 11:01 | 1 |
| Cyclohexane | ND | | 2.6 | 0.37 | ug/Kg | ☼ | 10/20/14 09:07 | 10/20/14 11:01 | 1 |
| Dichlorodifluoromethane | ND | | 2.6 | 0.22 | ug/Kg | ☼ | 10/20/14 09:07 | 10/20/14 11:01 | 1 |
| Ethylbenzene | ND | | 2.6 | 0.18 | ug/Kg | ☼ | 10/20/14 09:07 | 10/20/14 11:01 | 1 |
| 1,2-Dibromoethane | ND | | 2.6 | 0.34 | ug/Kg | ☼ | 10/20/14 09:07 | 10/20/14 11:01 | 1 |
| Isopropylbenzene | ND | | 2.6 | 0.39 | ug/Kg | ☼ | 10/20/14 09:07 | 10/20/14 11:01 | 1 |
| Methyl acetate | ND | | 2.6 | 1.6 | ug/Kg | ☼ | 10/20/14 09:07 | 10/20/14 11:01 | 1 |
| Methyl tert-butyl ether | ND | | 2.6 | 0.26 | ug/Kg | ☼ | 10/20/14 09:07 | 10/20/14 11:01 | 1 |
| Methylcyclohexane | ND | | 2.6 | 0.40 | ug/Kg | ☼ | 10/20/14 09:07 | 10/20/14 11:01 | 1 |
| Methylene Chloride | ND | | 2.6 | 1.2 | ug/Kg | ☼ | 10/20/14 09:07 | 10/20/14 11:01 | 1 |
| Styrene | ND | | 2.6 | 0.13 | ug/Kg | ☼ | 10/20/14 09:07 | 10/20/14 11:01 | 1 |
| **Tetrachloroethene** | **0.68** | **J** | 2.6 | 0.35 | ug/Kg | ☼ | 10/20/14 09:07 | 10/20/14 11:01 | 1 |
| Toluene | ND | | 2.6 | 0.20 | ug/Kg | ☼ | 10/20/14 09:07 | 10/20/14 11:01 | 1 |
| trans-1,2-Dichloroethene | ND | | 2.6 | 0.27 | ug/Kg | ☼ | 10/20/14 09:07 | 10/20/14 11:01 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.6 | 1.1 | ug/Kg | ☼ | 10/20/14 09:07 | 10/20/14 11:01 | 1 |
| Trichloroethene | ND | | 2.6 | 0.57 | ug/Kg | ☼ | 10/20/14 09:07 | 10/20/14 11:01 | 1 |
| Trichlorofluoromethane | ND | | 2.6 | 0.25 | ug/Kg | ☼ | 10/20/14 09:07 | 10/20/14 11:01 | 1 |
| Vinyl chloride | ND | | 2.6 | 0.32 | ug/Kg | ☼ | 10/20/14 09:07 | 10/20/14 11:01 | 1 |
| Xylenes, Total | ND | | 5.2 | 0.44 | ug/Kg | ☼ | 10/20/14 09:07 | 10/20/14 11:01 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Toluene-d8 (Surr)* | *107* | | *71 - 125* | *10/20/14 09:07* | *10/20/14 11:01* | *1* |
| *1,2-Dichloroethane-d4 (Surr)* | *125* | | *64 - 126* | *10/20/14 09:07* | *10/20/14 11:01* | *1* |
| *4-Bromofluorobenzene (Surr)* | *100* | | *72 - 126* | *10/20/14 09:07* | *10/20/14 11:01* | *1* |
| *Dibromofluoromethane (Surr)* | *121* | | *60 - 140* | *10/20/14 09:07* | *10/20/14 11:01* | *1* |

## Client Sample ID: SB-9 (2-4)

**Date Collected: 10/14/14 13:45**
**Date Received: 10/15/14 01:30**

**Lab Sample ID: 480-69271-32**
**Matrix: Solid**
**Percent Solids: 85.1**

### Method: 8260C - Volatile Organic Compounds by GC/MS

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ND | | 2.2 | 0.16 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 18:15 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.2 | 0.35 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 18:15 | 1 |
| 1,1,2-Trichloroethane | ND | | 2.2 | 0.28 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 18:15 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 2.2 | 0.50 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 18:15 | 1 |
| 1,1-Dichloroethane | ND | | 2.2 | 0.27 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 18:15 | 1 |
| 1,1-Dichloroethene | ND | | 2.2 | 0.27 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 18:15 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.2 | 0.13 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 18:15 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 2.2 | 1.1 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 18:15 | 1 |
| 1,2-Dichlorobenzene | ND | | 2.2 | 0.17 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 18:15 | 1 |
| 1,2-Dichloroethane | ND | | 2.2 | 0.11 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 18:15 | 1 |
| 1,2-Dichloropropane | ND | | 2.2 | 1.1 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 18:15 | 1 |
| 1,3-Dichlorobenzene | ND | | 2.2 | 0.11 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 18:15 | 1 |
| 1,4-Dichlorobenzene | ND | | 2.2 | 0.31 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 18:15 | 1 |
| 2-Butanone (MEK) | ND | | 11 | 0.80 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 18:15 | 1 |
| 2-Hexanone | ND | | 11 | 1.1 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 18:15 | 1 |
| 4-Methyl-2-pentanone (MIBK) | ND | | 11 | 0.72 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 18:15 | 1 |
| Acetone | ND | | 11 | 1.8 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 18:15 | 1 |

## Client Sample ID: SB-9 (2-4)

**Lab Sample ID: 480-69271-32**

**Date Collected: 10/14/14 13:45**
**Matrix: Solid**
**Date Received: 10/15/14 01:30**
**Percent Solids: 85.1**

### Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | | 2.2 | 0.11 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 18:15 | 1 |
| Bromodichloromethane | ND | | 2.2 | 0.29 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 18:15 | 1 |
| Bromoform | ND | | 2.2 | 1.1 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 18:15 | 1 |
| Bromomethane | ND | | 2.2 | 0.20 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 18:15 | 1 |
| Carbon disulfide | ND | | 2.2 | 1.1 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 18:15 | 1 |
| Carbon tetrachloride | ND | | 2.2 | 0.21 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 18:15 | 1 |
| Chlorobenzene | ND | | 2.2 | 0.29 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 18:15 | 1 |
| Dibromochloromethane | ND | | 2.2 | 0.28 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 18:15 | 1 |
| Chloroethane | ND | | 2.2 | 0.49 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 18:15 | 1 |
| Chloroform | ND | | 2.2 | 0.13 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 18:15 | 1 |
| Chloromethane | ND | | 2.2 | 0.13 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 18:15 | 1 |
| cis-1,2-Dichloroethene | ND | | 2.2 | 0.28 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 18:15 | 1 |
| cis-1,3-Dichloropropene | ND | | 2.2 | 0.31 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 18:15 | 1 |
| Cyclohexane | ND | | 2.2 | 0.31 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 18:15 | 1 |
| Dichlorodifluoromethane | ND | | 2.2 | 0.18 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 18:15 | 1 |
| Ethylbenzene | ND | | 2.2 | 0.15 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 18:15 | 1 |
| 1,2-Dibromoethane | ND | | 2.2 | 0.28 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 18:15 | 1 |
| Isopropylbenzene | ND | | 2.2 | 0.33 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 18:15 | 1 |
| Methyl acetate | ND | | 2.2 | 1.3 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 18:15 | 1 |
| Methyl tert-butyl ether | ND | | 2.2 | 0.21 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 18:15 | 1 |
| Methylcyclohexane | ND | | 2.2 | 0.33 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 18:15 | 1 |
| Methylene Chloride | ND | | 2.2 | 1.0 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 18:15 | 1 |
| Styrene | ND | | 2.2 | 0.11 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 18:15 | 1 |
| **Tetrachloroethene** | **5.8** | | 2.2 | 0.29 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 18:15 | 1 |
| Toluene | ND | | 2.2 | 0.16 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 18:15 | 1 |
| trans-1,2-Dichloroethene | ND | | 2.2 | 0.23 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 18:15 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.2 | 0.96 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 18:15 | 1 |
| Trichloroethene | ND | | 2.2 | 0.48 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 18:15 | 1 |
| Trichlorofluoromethane | ND | | 2.2 | 0.21 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 18:15 | 1 |
| Vinyl chloride | ND | | 2.2 | 0.27 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 18:15 | 1 |
| Xylenes, Total | ND | | 4.4 | 0.37 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 18:15 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Toluene-d8 (Surr)* | *108* | | *71 - 125* | *10/16/14 18:11* | *10/19/14 18:15* | *1* |
| *1,2-Dichloroethane-d4 (Surr)* | *118* | | *64 - 126* | *10/16/14 18:11* | *10/19/14 18:15* | *1* |
| *4-Bromofluorobenzene (Surr)* | *98* | | *72 - 126* | *10/16/14 18:11* | *10/19/14 18:15* | *1* |
| *Dibromofluoromethane (Surr)* | *119* | | *60 - 140* | *10/16/14 18:11* | *10/19/14 18:15* | *1* |

## Client Sample ID: SB-9 (4-6)

**Lab Sample ID: 480-69271-33**

**Date Collected: 10/14/14 13:55**
**Matrix: Solid**
**Date Received: 10/15/14 01:30**
**Percent Solids: 84.0**

### Method: 8260C - Volatile Organic Compounds by GC/MS

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ND | | 2.3 | 0.17 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 18:41 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.3 | 0.37 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 18:41 | 1 |
| 1,1,2-Trichloroethane | ND | | 2.3 | 0.30 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 18:41 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 2.3 | 0.52 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 18:41 | 1 |
| 1,1-Dichloroethane | ND | | 2.3 | 0.28 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 18:41 | 1 |
| 1,1-Dichloroethene | ND | | 2.3 | 0.28 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 18:41 | 1 |

Client: URS Corporation
Project/Site: Walgreens Site (Kingston, NY)

TestAmerica Job ID: 480-69271-1

**Client Sample ID: SB-9 (4-6)**
**Date Collected: 10/14/14 13:55**
**Date Received: 10/15/14 01:30**

**Lab Sample ID: 480-69271-33**
**Matrix: Solid**
**Percent Solids: 84.0**

**Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,2,4-Trichlorobenzene | ND | | 2.3 | 0.14 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 18:41 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 2.3 | 1.2 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 18:41 | 1 |
| 1,2-Dichlorobenzene | ND | | 2.3 | 0.18 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 18:41 | 1 |
| 1,2-Dichloroethane | ND | | 2.3 | 0.12 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 18:41 | 1 |
| 1,2-Dichloropropane | ND | | 2.3 | 1.2 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 18:41 | 1 |
| 1,3-Dichlorobenzene | ND | | 2.3 | 0.12 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 18:41 | 1 |
| 1,4-Dichlorobenzene | ND | | 2.3 | 0.32 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 18:41 | 1 |
| 2-Butanone (MEK) | ND | | 12 | 0.84 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 18:41 | 1 |
| 2-Hexanone | ND | | 12 | 1.2 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 18:41 | 1 |
| 4-Methyl-2-pentanone (MIBK) | ND | | 12 | 0.76 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 18:41 | 1 |
| Acetone | ND | | 12 | 1.9 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 18:41 | 1 |
| Benzene | ND | | 2.3 | 0.11 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 18:41 | 1 |
| Bromodichloromethane | ND | | 2.3 | 0.31 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 18:41 | 1 |
| Bromoform | ND | | 2.3 | 1.2 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 18:41 | 1 |
| Bromomethane | ND | | 2.3 | 0.21 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 18:41 | 1 |
| Carbon disulfide | ND | | 2.3 | 1.2 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 18:41 | 1 |
| Carbon tetrachloride | ND | | 2.3 | 0.22 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 18:41 | 1 |
| Chlorobenzene | ND | | 2.3 | 0.30 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 18:41 | 1 |
| Dibromochloromethane | ND | | 2.3 | 0.29 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 18:41 | 1 |
| Chloroethane | ND | | 2.3 | 0.52 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 18:41 | 1 |
| Chloroform | ND | | 2.3 | 0.14 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 18:41 | 1 |
| Chloromethane | ND | | 2.3 | 0.14 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 18:41 | 1 |
| cis-1,2-Dichloroethene | ND | | 2.3 | 0.29 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 18:41 | 1 |
| cis-1,3-Dichloropropene | ND | | 2.3 | 0.33 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 18:41 | 1 |
| Cyclohexane | ND | | 2.3 | 0.32 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 18:41 | 1 |
| Dichlorodifluoromethane | ND | | 2.3 | 0.19 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 18:41 | 1 |
| Ethylbenzene | ND | | 2.3 | 0.16 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 18:41 | 1 |
| 1,2-Dibromoethane | ND | | 2.3 | 0.30 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 18:41 | 1 |
| Isopropylbenzene | ND | | 2.3 | 0.35 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 18:41 | 1 |
| Methyl acetate | ND | | 2.3 | 1.4 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 18:41 | 1 |
| Methyl tert-butyl ether | ND | | 2.3 | 0.23 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 18:41 | 1 |
| Methylcyclohexane | ND | | 2.3 | 0.35 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 18:41 | 1 |
| Methylene Chloride | ND | | 2.3 | 1.1 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 18:41 | 1 |
| Styrene | ND | | 2.3 | 0.12 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 18:41 | 1 |
| **Tetrachloroethene** | **14** | | 2.3 | 0.31 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 18:41 | 1 |
| Toluene | ND | | 2.3 | 0.17 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 18:41 | 1 |
| trans-1,2-Dichloroethene | ND | | 2.3 | 0.24 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 18:41 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.3 | 1.0 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 18:41 | 1 |
| Trichloroethene | ND | | 2.3 | 0.51 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 18:41 | 1 |
| Trichlorofluoromethane | ND | | 2.3 | 0.22 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 18:41 | 1 |
| Vinyl chloride | ND | | 2.3 | 0.28 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 18:41 | 1 |
| Xylenes, Total | ND | | 4.6 | 0.39 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 18:41 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Toluene-d8 (Surr)* | *108* | | *71 - 125* | *10/16/14 18:11* | *10/19/14 18:41* | *1* |
| *1,2-Dichloroethane-d4 (Surr)* | *121* | | *64 - 126* | *10/16/14 18:11* | *10/19/14 18:41* | *1* |
| *4-Bromofluorobenzene (Surr)* | *98* | | *72 - 126* | *10/16/14 18:11* | *10/19/14 18:41* | *1* |
| *Dibromofluoromethane (Surr)* | *119* | | *60 - 140* | *10/16/14 18:11* | *10/19/14 18:41* | *1* |

Client: URS Corporation
Project/Site: Walgreens Site (Kingston, NY)

TestAmerica Job ID: 480-69271-1

**Client Sample ID: SB-9 (6-8)**
**Date Collected: 10/14/14 14:05**
**Date Received: 10/15/14 01:30**

**Lab Sample ID: 480-69271-34**
**Matrix: Solid**
**Percent Solids: 90.2**

**Method: 8260C - Volatile Organic Compounds by GC/MS**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ND | | 2.4 | 0.18 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 19:06 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.4 | 0.40 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 19:06 | 1 |
| 1,1,2-Trichloroethane | ND | | 2.4 | 0.32 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 19:06 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 2.4 | 0.56 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 19:06 | 1 |
| 1,1-Dichloroethane | ND | | 2.4 | 0.30 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 19:06 | 1 |
| 1,1-Dichloroethene | ND | | 2.4 | 0.30 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 19:06 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.4 | 0.15 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 19:06 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 2.4 | 1.2 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 19:06 | 1 |
| 1,2-Dichlorobenzene | ND | | 2.4 | 0.19 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 19:06 | 1 |
| 1,2-Dichloroethane | ND | | 2.4 | 0.12 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 19:06 | 1 |
| 1,2-Dichloropropane | ND | | 2.4 | 1.2 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 19:06 | 1 |
| 1,3-Dichlorobenzene | ND | | 2.4 | 0.13 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 19:06 | 1 |
| 1,4-Dichlorobenzene | ND | | 2.4 | 0.34 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 19:06 | 1 |
| 2-Butanone (MEK) | ND | | 12 | 0.89 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 19:06 | 1 |
| 2-Hexanone | ND | | 12 | 1.2 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 19:06 | 1 |
| 4-Methyl-2-pentanone (MIBK) | ND | | 12 | 0.80 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 19:06 | 1 |
| Acetone | ND | | 12 | 2.1 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 19:06 | 1 |
| Benzene | ND | | 2.4 | 0.12 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 19:06 | 1 |
| Bromodichloromethane | ND | | 2.4 | 0.33 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 19:06 | 1 |
| Bromoform | ND | | 2.4 | 1.2 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 19:06 | 1 |
| Bromomethane | ND | | 2.4 | 0.22 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 19:06 | 1 |
| Carbon disulfide | ND | | 2.4 | 1.2 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 19:06 | 1 |
| Carbon tetrachloride | ND | | 2.4 | 0.24 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 19:06 | 1 |
| Chlorobenzene | ND | | 2.4 | 0.32 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 19:06 | 1 |
| Dibromochloromethane | ND | | 2.4 | 0.31 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 19:06 | 1 |
| Chloroethane | ND | | 2.4 | 0.55 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 19:06 | 1 |
| Chloroform | ND | | 2.4 | 0.15 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 19:06 | 1 |
| Chloromethane | ND | | 2.4 | 0.15 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 19:06 | 1 |
| cis-1,2-Dichloroethene | ND | | 2.4 | 0.31 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 19:06 | 1 |
| cis-1,3-Dichloropropene | ND | | 2.4 | 0.35 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 19:06 | 1 |
| Cyclohexane | ND | | 2.4 | 0.34 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 19:06 | 1 |
| Dichlorodifluoromethane | ND | | 2.4 | 0.20 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 19:06 | 1 |
| Ethylbenzene | ND | | 2.4 | 0.17 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 19:06 | 1 |
| 1,2-Dibromoethane | ND | | 2.4 | 0.31 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 19:06 | 1 |
| Isopropylbenzene | ND | | 2.4 | 0.37 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 19:06 | 1 |
| Methyl acetate | ND | | 2.4 | 1.5 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 19:06 | 1 |
| Methyl tert-butyl ether | ND | | 2.4 | 0.24 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 19:06 | 1 |
| Methylcyclohexane | ND | | 2.4 | 0.37 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 19:06 | 1 |
| Methylene Chloride | ND | | 2.4 | 1.1 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 19:06 | 1 |
| Styrene | ND | | 2.4 | 0.12 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 19:06 | 1 |
| **Tetrachloroethene** | **8.2** | | 2.4 | 0.33 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 19:06 | 1 |
| Toluene | ND | | 2.4 | 0.18 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 19:06 | 1 |
| trans-1,2-Dichloroethene | ND | | 2.4 | 0.25 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 19:06 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.4 | 1.1 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 19:06 | 1 |
| Trichloroethene | ND | | 2.4 | 0.54 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 19:06 | 1 |
| Trichlorofluoromethane | ND | | 2.4 | 0.23 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 19:06 | 1 |
| Vinyl chloride | ND | | 2.4 | 0.30 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 19:06 | 1 |
| Xylenes, Total | ND | | 4.9 | 0.41 | ug/Kg | ☼ | 10/16/14 18:11 | 10/19/14 19:06 | 1 |

## Client Sample ID: SB-9 (6-8)

**Lab Sample ID: 480-69271-34**

**Date Collected: 10/14/14 14:05**
**Matrix: Solid**
**Date Received: 10/15/14 01:30**
**Percent Solids: 90.2**

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| Toluene-d8 (Surr) | 106 | | 71 - 125 | 10/16/14 18:11 | 10/19/14 19:06 | 1 |
| 1,2-Dichloroethane-d4 (Surr) | 118 | | 64 - 126 | 10/16/14 18:11 | 10/19/14 19:06 | 1 |
| 4-Bromofluorobenzene (Surr) | 98 | | 72 - 126 | 10/16/14 18:11 | 10/19/14 19:06 | 1 |
| Dibromofluoromethane (Surr) | 119 | | 60 - 140 | 10/16/14 18:11 | 10/19/14 19:06 | 1 |

## Client Sample ID: SB-9 (8-9)

**Lab Sample ID: 480-69271-35**

**Date Collected: 10/14/14 14:10**
**Matrix: Solid**
**Date Received: 10/15/14 01:30**
**Percent Solids: 92.2**

### Method: 8260C - Volatile Organic Compounds by GC/MS

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ND | | 2.4 | 0.17 | ug/Kg | ☼ | 10/16/14 18:11 | 10/20/14 11:27 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.4 | 0.38 | ug/Kg | ☼ | 10/16/14 18:11 | 10/20/14 11:27 | 1 |
| 1,1,2-Trichloroethane | ND | | 2.4 | 0.31 | ug/Kg | ☼ | 10/16/14 18:11 | 10/20/14 11:27 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 2.4 | 0.54 | ug/Kg | ☼ | 10/16/14 18:11 | 10/20/14 11:27 | 1 |
| 1,1-Dichloroethane | ND | | 2.4 | 0.29 | ug/Kg | ☼ | 10/16/14 18:11 | 10/20/14 11:27 | 1 |
| 1,1-Dichloroethene | ND | | 2.4 | 0.29 | ug/Kg | ☼ | 10/16/14 18:11 | 10/20/14 11:27 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.4 | 0.14 | ug/Kg | ☼ | 10/16/14 18:11 | 10/20/14 11:27 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 2.4 | 1.2 | ug/Kg | ☼ | 10/16/14 18:11 | 10/20/14 11:27 | 1 |
| 1,2-Dichlorobenzene | ND | | 2.4 | 0.18 | ug/Kg | ☼ | 10/16/14 18:11 | 10/20/14 11:27 | 1 |
| 1,2-Dichloroethane | ND | | 2.4 | 0.12 | ug/Kg | ☼ | 10/16/14 18:11 | 10/20/14 11:27 | 1 |
| 1,2-Dichloropropane | ND | | 2.4 | 1.2 | ug/Kg | ☼ | 10/16/14 18:11 | 10/20/14 11:27 | 1 |
| 1,3-Dichlorobenzene | ND | | 2.4 | 0.12 | ug/Kg | ☼ | 10/16/14 18:11 | 10/20/14 11:27 | 1 |
| 1,4-Dichlorobenzene | ND | | 2.4 | 0.33 | ug/Kg | ☼ | 10/16/14 18:11 | 10/20/14 11:27 | 1 |
| 2-Butanone (MEK) | ND | | 12 | 0.86 | ug/Kg | ☼ | 10/16/14 18:11 | 10/20/14 11:27 | 1 |
| 2-Hexanone | ND | | 12 | 1.2 | ug/Kg | ☼ | 10/16/14 18:11 | 10/20/14 11:27 | 1 |
| 4-Methyl-2-pentanone (MIBK) | ND | | 12 | 0.77 | ug/Kg | ☼ | 10/16/14 18:11 | 10/20/14 11:27 | 1 |
| **Acetone** | **15** | | 12 | 2.0 | ug/Kg | ☼ | 10/16/14 18:11 | 10/20/14 11:27 | 1 |
| Benzene | ND | | 2.4 | 0.12 | ug/Kg | ☼ | 10/16/14 18:11 | 10/20/14 11:27 | 1 |
| Bromodichloromethane | ND | | 2.4 | 0.32 | ug/Kg | ☼ | 10/16/14 18:11 | 10/20/14 11:27 | 1 |
| Bromoform | ND | | 2.4 | 1.2 | ug/Kg | ☼ | 10/16/14 18:11 | 10/20/14 11:27 | 1 |
| Bromomethane | ND | | 2.4 | 0.21 | ug/Kg | ☼ | 10/16/14 18:11 | 10/20/14 11:27 | 1 |
| Carbon disulfide | ND | | 2.4 | 1.2 | ug/Kg | ☼ | 10/16/14 18:11 | 10/20/14 11:27 | 1 |
| Carbon tetrachloride | ND | | 2.4 | 0.23 | ug/Kg | ☼ | 10/16/14 18:11 | 10/20/14 11:27 | 1 |
| Chlorobenzene | ND | | 2.4 | 0.31 | ug/Kg | ☼ | 10/16/14 18:11 | 10/20/14 11:27 | 1 |
| Dibromochloromethane | ND | | 2.4 | 0.30 | ug/Kg | ☼ | 10/16/14 18:11 | 10/20/14 11:27 | 1 |
| Chloroethane | ND | | 2.4 | 0.53 | ug/Kg | ☼ | 10/16/14 18:11 | 10/20/14 11:27 | 1 |
| Chloroform | ND | | 2.4 | 0.15 | ug/Kg | ☼ | 10/16/14 18:11 | 10/20/14 11:27 | 1 |
| Chloromethane | ND | | 2.4 | 0.14 | ug/Kg | ☼ | 10/16/14 18:11 | 10/20/14 11:27 | 1 |
| cis-1,2-Dichloroethene | ND | | 2.4 | 0.30 | ug/Kg | ☼ | 10/16/14 18:11 | 10/20/14 11:27 | 1 |
| cis-1,3-Dichloropropene | ND | | 2.4 | 0.34 | ug/Kg | ☼ | 10/16/14 18:11 | 10/20/14 11:27 | 1 |
| Cyclohexane | ND | | 2.4 | 0.33 | ug/Kg | ☼ | 10/16/14 18:11 | 10/20/14 11:27 | 1 |
| Dichlorodifluoromethane | ND | | 2.4 | 0.19 | ug/Kg | ☼ | 10/16/14 18:11 | 10/20/14 11:27 | 1 |
| Ethylbenzene | ND | | 2.4 | 0.16 | ug/Kg | ☼ | 10/16/14 18:11 | 10/20/14 11:27 | 1 |
| 1,2-Dibromoethane | ND | | 2.4 | 0.30 | ug/Kg | ☼ | 10/16/14 18:11 | 10/20/14 11:27 | 1 |
| Isopropylbenzene | ND | | 2.4 | 0.36 | ug/Kg | ☼ | 10/16/14 18:11 | 10/20/14 11:27 | 1 |
| Methyl acetate | ND | | 2.4 | 1.4 | ug/Kg | ☼ | 10/16/14 18:11 | 10/20/14 11:27 | 1 |
| Methyl tert-butyl ether | ND | | 2.4 | 0.23 | ug/Kg | ☼ | 10/16/14 18:11 | 10/20/14 11:27 | 1 |
| Methylcyclohexane | ND | | 2.4 | 0.36 | ug/Kg | ☼ | 10/16/14 18:11 | 10/20/14 11:27 | 1 |
| Methylene Chloride | ND | | 2.4 | 1.1 | ug/Kg | ☼ | 10/16/14 18:11 | 10/20/14 11:27 | 1 |

## Client Sample ID: SB-9 (8-9)

**Lab Sample ID: 480-69271-35**
**Date Collected: 10/14/14 14:10**
**Matrix: Solid**
**Date Received: 10/15/14 01:30**
**Percent Solids: 92.2**

### Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Styrene | ND | | 2.4 | 0.12 | ug/Kg | ☼ | 10/16/14 18:11 | 10/20/14 11:27 | 1 |
| **Tetrachloroethene** | **1.9** | **J** | 2.4 | 0.32 | ug/Kg | ☼ | 10/16/14 18:11 | 10/20/14 11:27 | 1 |
| Toluene | ND | | 2.4 | 0.18 | ug/Kg | ☼ | 10/16/14 18:11 | 10/20/14 11:27 | 1 |
| trans-1,2-Dichloroethene | ND | | 2.4 | 0.24 | ug/Kg | ☼ | 10/16/14 18:11 | 10/20/14 11:27 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.4 | 1.0 | ug/Kg | ☼ | 10/16/14 18:11 | 10/20/14 11:27 | 1 |
| Trichloroethene | ND | | 2.4 | 0.52 | ug/Kg | ☼ | 10/16/14 18:11 | 10/20/14 11:27 | 1 |
| Trichlorofluoromethane | ND | | 2.4 | 0.22 | ug/Kg | ☼ | 10/16/14 18:11 | 10/20/14 11:27 | 1 |
| Vinyl chloride | ND | | 2.4 | 0.29 | ug/Kg | ☼ | 10/16/14 18:11 | 10/20/14 11:27 | 1 |
| Xylenes, Total | ND | | 4.7 | 0.40 | ug/Kg | ☼ | 10/16/14 18:11 | 10/20/14 11:27 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Toluene-d8 (Surr)* | *106* | | *71 - 125* | *10/16/14 18:11* | *10/20/14 11:27* | *1* |
| *1,2-Dichloroethane-d4 (Surr)* | *120* | | *64 - 126* | *10/16/14 18:11* | *10/20/14 11:27* | *1* |
| *4-Bromofluorobenzene (Surr)* | *100* | | *72 - 126* | *10/16/14 18:11* | *10/20/14 11:27* | *1* |
| *Dibromofluoromethane (Surr)* | *120* | | *60 - 140* | *10/16/14 18:11* | *10/20/14 11:27* | *1* |

## Client Sample ID: SB-9 (10-12)

**Lab Sample ID: 480-69271-36**
**Date Collected: 10/14/14 14:45**
**Matrix: Solid**
**Date Received: 10/15/14 01:30**
**Percent Solids: 85.1**

### Method: 8260C - Volatile Organic Compounds by GC/MS

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ND | | 2.8 | 0.20 | ug/Kg | ☼ | 10/20/14 23:56 | 10/21/14 00:31 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.8 | 0.45 | ug/Kg | ☼ | 10/20/14 23:56 | 10/21/14 00:31 | 1 |
| 1,1,2-Trichloroethane | ND | | 2.8 | 0.36 | ug/Kg | ☼ | 10/20/14 23:56 | 10/21/14 00:31 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 2.8 | 0.63 | ug/Kg | ☼ | 10/20/14 23:56 | 10/21/14 00:31 | 1 |
| 1,1-Dichloroethane | ND | | 2.8 | 0.34 | ug/Kg | ☼ | 10/20/14 23:56 | 10/21/14 00:31 | 1 |
| 1,1-Dichloroethene | ND | | 2.8 | 0.34 | ug/Kg | ☼ | 10/20/14 23:56 | 10/21/14 00:31 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.8 | 0.17 | ug/Kg | ☼ | 10/20/14 23:56 | 10/21/14 00:31 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 2.8 | 1.4 | ug/Kg | ☼ | 10/20/14 23:56 | 10/21/14 00:31 | 1 |
| 1,2-Dichlorobenzene | ND | | 2.8 | 0.22 | ug/Kg | ☼ | 10/20/14 23:56 | 10/21/14 00:31 | 1 |
| 1,2-Dichloroethane | ND | | 2.8 | 0.14 | ug/Kg | ☼ | 10/20/14 23:56 | 10/21/14 00:31 | 1 |
| 1,2-Dichloropropane | ND | | 2.8 | 1.4 | ug/Kg | ☼ | 10/20/14 23:56 | 10/21/14 00:31 | 1 |
| 1,3-Dichlorobenzene | ND | | 2.8 | 0.14 | ug/Kg | ☼ | 10/20/14 23:56 | 10/21/14 00:31 | 1 |
| 1,4-Dichlorobenzene | ND | | 2.8 | 0.39 | ug/Kg | ☼ | 10/20/14 23:56 | 10/21/14 00:31 | 1 |
| 2-Butanone (MEK) | ND | | 14 | 1.0 | ug/Kg | ☼ | 10/20/14 23:56 | 10/21/14 00:31 | 1 |
| 2-Hexanone | ND | | 14 | 1.4 | ug/Kg | ☼ | 10/20/14 23:56 | 10/21/14 00:31 | 1 |
| 4-Methyl-2-pentanone (MIBK) | ND | | 14 | 0.91 | ug/Kg | ☼ | 10/20/14 23:56 | 10/21/14 00:31 | 1 |
| Acetone | ND | | 14 | 2.3 | ug/Kg | ☼ | 10/20/14 23:56 | 10/21/14 00:31 | 1 |
| Benzene | ND | | 2.8 | 0.14 | ug/Kg | ☼ | 10/20/14 23:56 | 10/21/14 00:31 | 1 |
| Bromodichloromethane | ND | | 2.8 | 0.37 | ug/Kg | ☼ | 10/20/14 23:56 | 10/21/14 00:31 | 1 |
| Bromoform | ND | | 2.8 | 1.4 | ug/Kg | ☼ | 10/20/14 23:56 | 10/21/14 00:31 | 1 |
| Bromomethane | ND | | 2.8 | 0.25 | ug/Kg | ☼ | 10/20/14 23:56 | 10/21/14 00:31 | 1 |
| Carbon disulfide | ND | | 2.8 | 1.4 | ug/Kg | ☼ | 10/20/14 23:56 | 10/21/14 00:31 | 1 |
| Carbon tetrachloride | ND | | 2.8 | 0.27 | ug/Kg | ☼ | 10/20/14 23:56 | 10/21/14 00:31 | 1 |
| Chlorobenzene | ND | | 2.8 | 0.36 | ug/Kg | ☼ | 10/20/14 23:56 | 10/21/14 00:31 | 1 |
| Dibromochloromethane | ND | | 2.8 | 0.35 | ug/Kg | ☼ | 10/20/14 23:56 | 10/21/14 00:31 | 1 |
| Chloroethane | ND | | 2.8 | 0.62 | ug/Kg | ☼ | 10/20/14 23:56 | 10/21/14 00:31 | 1 |
| Chloroform | ND | | 2.8 | 0.17 | ug/Kg | ☼ | 10/20/14 23:56 | 10/21/14 00:31 | 1 |
| Chloromethane | ND | | 2.8 | 0.17 | ug/Kg | ☼ | 10/20/14 23:56 | 10/21/14 00:31 | 1 |

## Client Sample ID: SB-9 (10-12)

**Lab Sample ID: 480-69271-36**
**Date Collected: 10/14/14 14:45**
**Matrix: Solid**
**Date Received: 10/15/14 01:30**
**Percent Solids: 85.1**

### Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| cis-1,2-Dichloroethene | ND | | 2.8 | 0.35 | ug/Kg | ☼ | 10/20/14 23:56 | 10/21/14 00:31 | 1 |
| cis-1,3-Dichloropropene | ND | | 2.8 | 0.40 | ug/Kg | ☼ | 10/20/14 23:56 | 10/21/14 00:31 | 1 |
| Cyclohexane | ND | | 2.8 | 0.39 | ug/Kg | ☼ | 10/20/14 23:56 | 10/21/14 00:31 | 1 |
| Dichlorodifluoromethane | ND | | 2.8 | 0.23 | ug/Kg | ☼ | 10/20/14 23:56 | 10/21/14 00:31 | 1 |
| Ethylbenzene | ND | | 2.8 | 0.19 | ug/Kg | ☼ | 10/20/14 23:56 | 10/21/14 00:31 | 1 |
| 1,2-Dibromoethane | ND | | 2.8 | 0.35 | ug/Kg | ☼ | 10/20/14 23:56 | 10/21/14 00:31 | 1 |
| Isopropylbenzene | ND | | 2.8 | 0.42 | ug/Kg | ☼ | 10/20/14 23:56 | 10/21/14 00:31 | 1 |
| Methyl acetate | ND | | 2.8 | 1.7 | ug/Kg | ☼ | 10/20/14 23:56 | 10/21/14 00:31 | 1 |
| Methyl tert-butyl ether | ND | | 2.8 | 0.27 | ug/Kg | ☼ | 10/20/14 23:56 | 10/21/14 00:31 | 1 |
| Methylcyclohexane | ND | | 2.8 | 0.42 | ug/Kg | ☼ | 10/20/14 23:56 | 10/21/14 00:31 | 1 |
| Methylene Chloride | ND | | 2.8 | 1.3 | ug/Kg | ☼ | 10/20/14 23:56 | 10/21/14 00:31 | 1 |
| Styrene | ND | | 2.8 | 0.14 | ug/Kg | ☼ | 10/20/14 23:56 | 10/21/14 00:31 | 1 |
| **Tetrachloroethene** | **2.2** | **J** | 2.8 | 0.37 | ug/Kg | ☼ | 10/20/14 23:56 | 10/21/14 00:31 | 1 |
| Toluene | ND | | 2.8 | 0.21 | ug/Kg | ☼ | 10/20/14 23:56 | 10/21/14 00:31 | 1 |
| trans-1,2-Dichloroethene | ND | | 2.8 | 0.29 | ug/Kg | ☼ | 10/20/14 23:56 | 10/21/14 00:31 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.8 | 1.2 | ug/Kg | ☼ | 10/20/14 23:56 | 10/21/14 00:31 | 1 |
| Trichloroethene | ND | | 2.8 | 0.61 | ug/Kg | ☼ | 10/20/14 23:56 | 10/21/14 00:31 | 1 |
| Trichlorofluoromethane | ND | | 2.8 | 0.26 | ug/Kg | ☼ | 10/20/14 23:56 | 10/21/14 00:31 | 1 |
| Vinyl chloride | ND | | 2.8 | 0.34 | ug/Kg | ☼ | 10/20/14 23:56 | 10/21/14 00:31 | 1 |
| Xylenes, Total | ND | | 5.5 | 0.46 | ug/Kg | ☼ | 10/20/14 23:56 | 10/21/14 00:31 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Toluene-d8 (Surr)* | *109* | | *71 - 125* | *10/20/14 23:56* | *10/21/14 00:31* | *1* |
| *1,2-Dichloroethane-d4 (Surr)* | *113* | | *64 - 126* | *10/20/14 23:56* | *10/21/14 00:31* | *1* |
| *4-Bromofluorobenzene (Surr)* | *101* | | *72 - 126* | *10/20/14 23:56* | *10/21/14 00:31* | *1* |
| *Dibromofluoromethane (Surr)* | *110* | | *60 - 140* | *10/20/14 23:56* | *10/21/14 00:31* | *1* |

## Client Sample ID: SB-2 (6-8)

**Lab Sample ID: 480-69271-37**
**Date Collected: 10/14/14 09:25**
**Matrix: Solid**
**Date Received: 10/15/14 01:30**
**Percent Solids: 92.1**

### Method: 8260C - Volatile Organic Compounds by GC/MS

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ND | | 2.3 | 0.17 | ug/Kg | ☼ | 10/16/14 18:11 | 10/20/14 12:19 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 2.3 | 0.38 | ug/Kg | ☼ | 10/16/14 18:11 | 10/20/14 12:19 | 1 |
| 1,1,2-Trichloroethane | ND | | 2.3 | 0.30 | ug/Kg | ☼ | 10/16/14 18:11 | 10/20/14 12:19 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 2.3 | 0.53 | ug/Kg | ☼ | 10/16/14 18:11 | 10/20/14 12:19 | 1 |
| 1,1-Dichloroethane | ND | | 2.3 | 0.28 | ug/Kg | ☼ | 10/16/14 18:11 | 10/20/14 12:19 | 1 |
| 1,1-Dichloroethene | ND | | 2.3 | 0.29 | ug/Kg | ☼ | 10/16/14 18:11 | 10/20/14 12:19 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 2.3 | 0.14 | ug/Kg | ☼ | 10/16/14 18:11 | 10/20/14 12:19 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 2.3 | 1.2 | ug/Kg | ☼ | 10/16/14 18:11 | 10/20/14 12:19 | 1 |
| 1,2-Dichlorobenzene | ND | | 2.3 | 0.18 | ug/Kg | ☼ | 10/16/14 18:11 | 10/20/14 12:19 | 1 |
| 1,2-Dichloroethane | ND | | 2.3 | 0.12 | ug/Kg | ☼ | 10/16/14 18:11 | 10/20/14 12:19 | 1 |
| 1,2-Dichloropropane | ND | | 2.3 | 1.2 | ug/Kg | ☼ | 10/16/14 18:11 | 10/20/14 12:19 | 1 |
| 1,3-Dichlorobenzene | ND | | 2.3 | 0.12 | ug/Kg | ☼ | 10/16/14 18:11 | 10/20/14 12:19 | 1 |
| 1,4-Dichlorobenzene | ND | | 2.3 | 0.33 | ug/Kg | ☼ | 10/16/14 18:11 | 10/20/14 12:19 | 1 |
| 2-Butanone (MEK) | ND | | 12 | 0.85 | ug/Kg | ☼ | 10/16/14 18:11 | 10/20/14 12:19 | 1 |
| 2-Hexanone | ND | | 12 | 1.2 | ug/Kg | ☼ | 10/16/14 18:11 | 10/20/14 12:19 | 1 |
| 4-Methyl-2-pentanone (MIBK) | ND | | 12 | 0.76 | ug/Kg | ☼ | 10/16/14 18:11 | 10/20/14 12:19 | 1 |
| Acetone | ND | | 12 | 2.0 | ug/Kg | ☼ | 10/16/14 18:11 | 10/20/14 12:19 | 1 |

Client: URS Corporation
Project/Site: Walgreens Site (Kingston, NY)

TestAmerica Job ID: 480-69271-1

**Client Sample ID: SB-2 (6-8)**
**Date Collected: 10/14/14 09:25**
**Date Received: 10/15/14 01:30**

**Lab Sample ID: 480-69271-37**
**Matrix: Solid**
**Percent Solids: 92.1**

**Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | | 2.3 | 0.11 | ug/Kg | ☼ | 10/16/14 18:11 | 10/20/14 12:19 | 1 |
| Bromodichloromethane | ND | | 2.3 | 0.31 | ug/Kg | ☼ | 10/16/14 18:11 | 10/20/14 12:19 | 1 |
| Bromoform | ND | | 2.3 | 1.2 | ug/Kg | ☼ | 10/16/14 18:11 | 10/20/14 12:19 | 1 |
| Bromomethane | ND | | 2.3 | 0.21 | ug/Kg | ☼ | 10/16/14 18:11 | 10/20/14 12:19 | 1 |
| Carbon disulfide | ND | | 2.3 | 1.2 | ug/Kg | ☼ | 10/16/14 18:11 | 10/20/14 12:19 | 1 |
| Carbon tetrachloride | ND | | 2.3 | 0.23 | ug/Kg | ☼ | 10/16/14 18:11 | 10/20/14 12:19 | 1 |
| Chlorobenzene | ND | | 2.3 | 0.31 | ug/Kg | ☼ | 10/16/14 18:11 | 10/20/14 12:19 | 1 |
| Dibromochloromethane | ND | | 2.3 | 0.30 | ug/Kg | ☼ | 10/16/14 18:11 | 10/20/14 12:19 | 1 |
| Chloroethane | ND | | 2.3 | 0.53 | ug/Kg | ☼ | 10/16/14 18:11 | 10/20/14 12:19 | 1 |
| Chloroform | ND | | 2.3 | 0.14 | ug/Kg | ☼ | 10/16/14 18:11 | 10/20/14 12:19 | 1 |
| Chloromethane | ND | | 2.3 | 0.14 | ug/Kg | ☼ | 10/16/14 18:11 | 10/20/14 12:19 | 1 |
| cis-1,2-Dichloroethene | ND | | 2.3 | 0.30 | ug/Kg | ☼ | 10/16/14 18:11 | 10/20/14 12:19 | 1 |
| cis-1,3-Dichloropropene | ND | | 2.3 | 0.34 | ug/Kg | ☼ | 10/16/14 18:11 | 10/20/14 12:19 | 1 |
| Cyclohexane | ND | | 2.3 | 0.33 | ug/Kg | ☼ | 10/16/14 18:11 | 10/20/14 12:19 | 1 |
| Dichlorodifluoromethane | ND | | 2.3 | 0.19 | ug/Kg | ☼ | 10/16/14 18:11 | 10/20/14 12:19 | 1 |
| Ethylbenzene | ND | | 2.3 | 0.16 | ug/Kg | ☼ | 10/16/14 18:11 | 10/20/14 12:19 | 1 |
| 1,2-Dibromoethane | ND | | 2.3 | 0.30 | ug/Kg | ☼ | 10/16/14 18:11 | 10/20/14 12:19 | 1 |
| Isopropylbenzene | ND | | 2.3 | 0.35 | ug/Kg | ☼ | 10/16/14 18:11 | 10/20/14 12:19 | 1 |
| Methyl acetate | ND | | 2.3 | 1.4 | ug/Kg | ☼ | 10/16/14 18:11 | 10/20/14 12:19 | 1 |
| Methyl tert-butyl ether | ND | | 2.3 | 0.23 | ug/Kg | ☼ | 10/16/14 18:11 | 10/20/14 12:19 | 1 |
| Methylcyclohexane | ND | | 2.3 | 0.35 | ug/Kg | ☼ | 10/16/14 18:11 | 10/20/14 12:19 | 1 |
| Methylene Chloride | ND | | 2.3 | 1.1 | ug/Kg | ☼ | 10/16/14 18:11 | 10/20/14 12:19 | 1 |
| Styrene | ND | | 2.3 | 0.12 | ug/Kg | ☼ | 10/16/14 18:11 | 10/20/14 12:19 | 1 |
| **Tetrachloroethene** | **2.5** | | 2.3 | 0.31 | ug/Kg | ☼ | 10/16/14 18:11 | 10/20/14 12:19 | 1 |
| Toluene | ND | | 2.3 | 0.18 | ug/Kg | ☼ | 10/16/14 18:11 | 10/20/14 12:19 | 1 |
| trans-1,2-Dichloroethene | ND | | 2.3 | 0.24 | ug/Kg | ☼ | 10/16/14 18:11 | 10/20/14 12:19 | 1 |
| trans-1,3-Dichloropropene | ND | | 2.3 | 1.0 | ug/Kg | ☼ | 10/16/14 18:11 | 10/20/14 12:19 | 1 |
| Trichloroethene | ND | | 2.3 | 0.51 | ug/Kg | ☼ | 10/16/14 18:11 | 10/20/14 12:19 | 1 |
| Trichlorofluoromethane | ND | | 2.3 | 0.22 | ug/Kg | ☼ | 10/16/14 18:11 | 10/20/14 12:19 | 1 |
| Vinyl chloride | ND | | 2.3 | 0.28 | ug/Kg | ☼ | 10/16/14 18:11 | 10/20/14 12:19 | 1 |
| Xylenes, Total | ND | | 4.7 | 0.39 | ug/Kg | ☼ | 10/16/14 18:11 | 10/20/14 12:19 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Toluene-d8 (Surr)* | *106* | | *71 - 125* | *10/16/14 18:11* | *10/20/14 12:19* | *1* |
| *1,2-Dichloroethane-d4 (Surr)* | *120* | | *64 - 126* | *10/16/14 18:11* | *10/20/14 12:19* | *1* |
| *4-Bromofluorobenzene (Surr)* | *99* | | *72 - 126* | *10/16/14 18:11* | *10/20/14 12:19* | *1* |
| *Dibromofluoromethane (Surr)* | *121* | | *60 - 140* | *10/16/14 18:11* | *10/20/14 12:19* | *1* |

# Surrogate Summary

Client: URS Corporation
Project/Site: Walgreens Site (Kingston, NY)

TestAmerica Job ID: 480-69271-1

## Method: 8260C - Volatile Organic Compounds by GC/MS

**Matrix: Solid** **Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | | | |
|---|---|---|---|---|---|
| | | TOL | 12DCE | BFB | DBFM |
| Lab Sample ID | Client Sample ID | (71-125) | (64-126) | (72-126) | (60-140) |
| 480-69271-1 | SB-1 (0-2) | 110 | 114 | 97 | 111 |
| 480-69271-2 | SB-1 (2-4) | 102 | 105 | 104 | 103 |
| 480-69271-3 | SB-1 (4-6) | 101 | 104 | 106 | 102 |
| 480-69271-3 MS | SB-1 (4-6) | 108 | 106 | 101 | 117 |
| 480-69271-3 MSD | SB-1 (4-6) | 108 | 106 | 101 | 116 |
| 480-69271-4 | SB-1 (6-8) | 100 | 102 | 106 | 103 |
| 480-69271-5 | SB-1 (8-9) | 106 | 111 | 99 | 109 |
| 480-69271-6 | SB-2 (0-2) | 106 | 112 | 98 | 109 |
| 480-69271-7 | SB-2 (2-4) | 106 | 113 | 101 | 109 |
| 480-69271-8 | SB-2 (4-6) | 106 | 114 | 99 | 110 |
| 480-69271-9 | SB-2 (8-9) | 106 | 111 | 100 | 109 |
| 480-69271-10 | SB-2 (10-12) | 107 | 113 | 101 | 111 |
| 480-69271-11 | SB-3 (0-2) | 107 | 115 | 98 | 112 |
| 480-69271-12 | SB-3 (2-4) | 108 | 114 | 96 | 112 |
| 480-69271-13 | SB-3 (4-6) | 106 | 114 | 96 | 111 |
| 480-69271-14 | SB-3 (6-8) | 106 | 113 | 100 | 112 |
| 480-69271-15 | SB-4 (1-3) | 105 | 112 | 97 | 111 |
| 480-69271-16 | SB-4 (3-5) | 106 | 116 | 99 | 112 |
| 480-69271-17 | SB-4 (5-7) | 108 | 117 | 101 | 114 |
| 480-69271-18 | SB-4 (7-9) | 106 | 115 | 100 | 112 |
| 480-69271-19 | SB-5 (1-3) | 107 | 119 | 99 | 116 |
| 480-69271-20 | SB-5 (3-5) | 106 | 117 | 98 | 115 |
| 480-69271-21 | SB-5 (5-7) | 108 | 120 | 103 | 117 |
| 480-69271-22 | SB-5 (7-9) | 105 | 115 | 98 | 116 |
| 480-69271-22 MS | SB-5 (7-9) | 108 | 106 | 102 | 116 |
| 480-69271-22 MSD | SB-5 (7-9) | 108 | 107 | 103 | 117 |
| 480-69271-23 | SB-6 (1-3) | 107 | 116 | 96 | 115 |
| 480-69271-24 | SB-6 (3-5) | 109 | 117 | 92 | 116 |
| 480-69271-25 | SB-6 (5-7) | 106 | 118 | 99 | 115 |
| 480-69271-26 | SB-6 (7-9) | 107 | 118 | 101 | 117 |
| 480-69271-27 | SB-8 (1-3) | 107 | 121 | 98 | 118 |
| 480-69271-28 | SB-8 (3-5) | 106 | 123 | 97 | 118 |
| 480-69271-29 | SB-8 (5-7) | 106 | 119 | 98 | 118 |
| 480-69271-30 | SB-8 (7-8) | 106 | 119 | 100 | 117 |
| 480-69271-31 | SB-9 (0-2) | 107 | 125 | 100 | 121 |
| 480-69271-32 | SB-9 (2-4) | 108 | 118 | 98 | 119 |
| 480-69271-33 | SB-9 (4-6) | 108 | 121 | 98 | 119 |
| 480-69271-34 | SB-9 (6-8) | 106 | 118 | 98 | 119 |
| 480-69271-35 | SB-9 (8-9) | 106 | 120 | 100 | 120 |
| 480-69271-36 | SB-9 (10-12) | 109 | 113 | 101 | 110 |
| 480-69271-37 | SB-2 (6-8) | 106 | 120 | 99 | 121 |
| LCS 480-208269/5 | Lab Control Sample | 100 | 97 | 107 | 102 |
| LCS 480-208371/5 | Lab Control Sample | 104 | 106 | 100 | 109 |
| LCS 480-208542/4 | Lab Control Sample | 105 | 109 | 100 | 109 |
| LCS 480-208663/6 | Lab Control Sample | 106 | 112 | 102 | 114 |
| LCS 480-208712/5 | Lab Control Sample | 105 | 110 | 100 | 114 |
| LCS 480-208905/5 | Lab Control Sample | 105 | 104 | 102 | 107 |
| MB 480-208269/7 | Method Blank | 102 | 95 | 103 | 100 |
| MB 480-208371/7 | Method Blank | 105 | 106 | 96 | 107 |

## Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

**Matrix: Solid** **Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | | | |
|---|---|---|---|---|---|
| | | TOL | 12DCE | BFB | DBFM |
| Lab Sample ID | Client Sample ID | (71-125) | (64-126) | (72-126) | (60-140) |
| MB 480-208542/6 | Method Blank | 106 | 100 | 96 | 104 |
| MB 480-208663/8 | Method Blank | 104 | 101 | 95 | 107 |
| MB 480-208712/7 | Method Blank | 106 | 108 | 97 | 115 |
| MB 480-208905/7 | Method Blank | 105 | 100 | 99 | 104 |

**Surrogate Legend**

TOL = Toluene-d8 (Surr)
12DCE = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)

## Method: 8260C - Volatile Organic Compounds by GC/MS

**Matrix: Solid** **Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | | | |
|---|---|---|---|---|---|
| | | TOL | 12DCE | BFB | DBFM |
| Lab Sample ID | Client Sample ID | (50-149) | (53-146) | (49-148) | (60-140) |
| 480-69271-20 - DL | SB-5 (3-5) | 100 | 99 | 94 | 90 |
| LCS 480-209402/1-A | Lab Control Sample | 100 | 100 | 94 | 97 |
| MB 480-209402/2-A | Method Blank | 99 | 102 | 90 | 91 |

**Surrogate Legend**

TOL = Toluene-d8 (Surr)
12DCE = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)

## Method: 8260C - Volatile Organic Compounds by GC/MS

**Lab Sample ID: 480-69271-3 MS**
**Matrix: Solid**
**Analysis Batch: 208663**

**Client Sample ID: SB-1 (4-6)**
**Prep Type: Total/NA**
**Prep Batch: 208249**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethane | ND | | 26.7 | 23.8 | | ug/Kg | ☼ | 89 | 73 - 126 |
| 1,1-Dichloroethene | ND | | 26.7 | 23.2 | | ug/Kg | ☼ | 87 | 59 - 125 |
| 1,2-Dichlorobenzene | ND | | 26.7 | 15.2 | F1 | ug/Kg | ☼ | 57 | 75 - 120 |
| 1,2-Dichloroethane | ND | | 26.7 | 21.3 | | ug/Kg | ☼ | 80 | 77 - 122 |
| Benzene | ND | | 26.7 | 23.3 | | ug/Kg | ☼ | 87 | 79 - 127 |
| Chlorobenzene | ND | | 26.7 | 19.5 | F1 | ug/Kg | ☼ | 73 | 76 - 124 |
| cis-1,2-Dichloroethene | ND | | 26.7 | 22.9 | | ug/Kg | ☼ | 86 | 81 - 117 |
| Ethylbenzene | ND | | 26.7 | 19.4 | F1 | ug/Kg | ☼ | 73 | 80 - 120 |
| Methyl tert-butyl ether | ND | | 26.7 | 21.7 | | ug/Kg | ☼ | 81 | 63 - 125 |
| Tetrachloroethene | 11 | | 26.7 | 41.9 | | ug/Kg | ☼ | 114 | 74 - 122 |
| Toluene | ND | | 26.7 | 20.9 | | ug/Kg | ☼ | 78 | 74 - 128 |
| trans-1,2-Dichloroethene | ND | | 26.7 | 22.8 | | ug/Kg | ☼ | 85 | 78 - 126 |
| Trichloroethene | ND | | 26.7 | 23.4 | | ug/Kg | ☼ | 88 | 77 - 129 |

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *Toluene-d8 (Surr)* | *108* | | *71 - 125* |
| *1,2-Dichloroethane-d4 (Surr)* | *106* | | *64 - 126* |
| *4-Bromofluorobenzene (Surr)* | *101* | | *72 - 126* |
| *Dibromofluoromethane (Surr)* | *117* | | *60 - 140* |

**Lab Sample ID: 480-69271-3 MSD**
**Matrix: Solid**
**Analysis Batch: 208663**

**Client Sample ID: SB-1 (4-6)**
**Prep Type: Total/NA**
**Prep Batch: 208249**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethane | ND | | 27.0 | 23.2 | | ug/Kg | ☼ | 86 | 73 - 126 | 3 | 30 |
| 1,1-Dichloroethene | ND | | 27.0 | 22.5 | | ug/Kg | ☼ | 83 | 59 - 125 | 3 | 30 |
| 1,2-Dichlorobenzene | ND | | 27.0 | 14.6 | F1 | ug/Kg | ☼ | 54 | 75 - 120 | 4 | 30 |
| 1,2-Dichloroethane | ND | | 27.0 | 20.8 | | ug/Kg | ☼ | 77 | 77 - 122 | 3 | 30 |
| Benzene | ND | | 27.0 | 22.5 | | ug/Kg | ☼ | 83 | 79 - 127 | 4 | 30 |
| Chlorobenzene | ND | | 27.0 | 18.6 | F1 | ug/Kg | ☼ | 69 | 76 - 124 | 5 | 30 |
| cis-1,2-Dichloroethene | ND | | 27.0 | 22.2 | | ug/Kg | ☼ | 82 | 81 - 117 | 3 | 30 |
| Ethylbenzene | ND | | 27.0 | 18.6 | F1 | ug/Kg | ☼ | 69 | 80 - 120 | 4 | 30 |
| Methyl tert-butyl ether | ND | | 27.0 | 23.0 | | ug/Kg | ☼ | 85 | 63 - 125 | 5 | 30 |
| Tetrachloroethene | 11 | | 27.0 | 42.7 | | ug/Kg | ☼ | 116 | 74 - 122 | 2 | 30 |
| Toluene | ND | | 27.0 | 19.9 | | ug/Kg | ☼ | 74 | 74 - 128 | 5 | 30 |
| trans-1,2-Dichloroethene | ND | | 27.0 | 21.7 | | ug/Kg | ☼ | 80 | 78 - 126 | 5 | 30 |
| Trichloroethene | ND | | 27.0 | 22.1 | | ug/Kg | ☼ | 82 | 77 - 129 | 6 | 30 |

| *Surrogate* | *MSD %Recovery* | *MSD Qualifier* | *Limits* |
|---|---|---|---|
| *Toluene-d8 (Surr)* | *108* | | *71 - 125* |
| *1,2-Dichloroethane-d4 (Surr)* | *106* | | *64 - 126* |
| *4-Bromofluorobenzene (Surr)* | *101* | | *72 - 126* |
| *Dibromofluoromethane (Surr)* | *116* | | *60 - 140* |

## Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

**Lab Sample ID: 480-69271-22 MS**
**Matrix: Solid**
**Analysis Batch: 208663**

**Client Sample ID: SB-5 (7-9)**
**Prep Type: Total/NA**
**Prep Batch: 208249**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethane | ND | | 23.1 | 21.0 | | ug/Kg | ☼ | 91 | 73 - 126 |
| 1,1-Dichloroethene | ND | | 23.1 | 19.9 | | ug/Kg | ☼ | 86 | 59 - 125 |
| 1,2-Dichlorobenzene | ND | | 23.1 | 16.9 | F1 | ug/Kg | ☼ | 73 | 75 - 120 |
| 1,2-Dichloroethane | ND | | 23.1 | 19.6 | | ug/Kg | ☼ | 85 | 77 - 122 |
| Benzene | ND | | 23.1 | 20.5 | | ug/Kg | ☼ | 89 | 79 - 127 |
| Chlorobenzene | ND | | 23.1 | 19.2 | | ug/Kg | ☼ | 83 | 76 - 124 |
| cis-1,2-Dichloroethene | ND | | 23.1 | 21.1 | | ug/Kg | ☼ | 91 | 81 - 117 |
| Ethylbenzene | ND | | 23.1 | 18.4 | F1 | ug/Kg | ☼ | 79 | 80 - 120 |
| Methyl tert-butyl ether | ND | | 23.1 | 19.4 | | ug/Kg | ☼ | 84 | 63 - 125 |
| Tetrachloroethene | 23 | | 23.1 | 73.3 | F1 | ug/Kg | ☼ | 218 | 74 - 122 |
| Toluene | ND | | 23.1 | 18.9 | | ug/Kg | ☼ | 82 | 74 - 128 |
| trans-1,2-Dichloroethene | ND | | 23.1 | 20.7 | | ug/Kg | ☼ | 90 | 78 - 126 |
| Trichloroethene | ND | | 23.1 | 20.3 | | ug/Kg | ☼ | 88 | 77 - 129 |

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *Toluene-d8 (Surr)* | *108* | | *71 - 125* |
| *1,2-Dichloroethane-d4 (Surr)* | *106* | | *64 - 126* |
| *4-Bromofluorobenzene (Surr)* | *102* | | *72 - 126* |
| *Dibromofluoromethane (Surr)* | *116* | | *60 - 140* |

**Lab Sample ID: 480-69271-22 MSD**
**Matrix: Solid**
**Analysis Batch: 208663**

**Client Sample ID: SB-5 (7-9)**
**Prep Type: Total/NA**
**Prep Batch: 208249**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethane | ND | | 23.0 | 20.6 | | ug/Kg | ☼ | 90 | 73 - 126 | 2 | 30 |
| 1,1-Dichloroethene | ND | | 23.0 | 18.5 | | ug/Kg | ☼ | 80 | 59 - 125 | 7 | 30 |
| 1,2-Dichlorobenzene | ND | | 23.0 | 17.6 | | ug/Kg | ☼ | 76 | 75 - 120 | 4 | 30 |
| 1,2-Dichloroethane | ND | | 23.0 | 19.8 | | ug/Kg | ☼ | 86 | 77 - 122 | 1 | 30 |
| Benzene | ND | | 23.0 | 20.2 | | ug/Kg | ☼ | 88 | 79 - 127 | 2 | 30 |
| Chlorobenzene | ND | | 23.0 | 19.3 | | ug/Kg | ☼ | 84 | 76 - 124 | 0 | 30 |
| cis-1,2-Dichloroethene | ND | | 23.0 | 21.1 | | ug/Kg | ☼ | 92 | 81 - 117 | 0 | 30 |
| Ethylbenzene | ND | | 23.0 | 18.3 | | ug/Kg | ☼ | 80 | 80 - 120 | 0 | 30 |
| Methyl tert-butyl ether | ND | | 23.0 | 21.3 | | ug/Kg | ☼ | 92 | 63 - 125 | 9 | 30 |
| Tetrachloroethene | 23 | | 23.0 | 51.9 | F1 F2 | ug/Kg | ☼ | 127 | 74 - 122 | 34 | 30 |
| Toluene | ND | | 23.0 | 18.7 | | ug/Kg | ☼ | 81 | 74 - 128 | 1 | 30 |
| trans-1,2-Dichloroethene | ND | | 23.0 | 20.1 | | ug/Kg | ☼ | 87 | 78 - 126 | 3 | 30 |
| Trichloroethene | ND | | 23.0 | 19.8 | | ug/Kg | ☼ | 86 | 77 - 129 | 2 | 30 |

| *Surrogate* | *MSD %Recovery* | *MSD Qualifier* | *Limits* |
|---|---|---|---|
| *Toluene-d8 (Surr)* | *108* | | *71 - 125* |
| *1,2-Dichloroethane-d4 (Surr)* | *107* | | *64 - 126* |
| *4-Bromofluorobenzene (Surr)* | *103* | | *72 - 126* |
| *Dibromofluoromethane (Surr)* | *117* | | *60 - 140* |

## Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

**Lab Sample ID: MB 480-208269/7**
**Matrix: Solid**
**Analysis Batch: 208269**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ND | | 5.0 | 0.36 | ug/Kg | | | 10/17/14 01:13 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 5.0 | 0.81 | ug/Kg | | | 10/17/14 01:13 | 1 |
| 1,1,2-Trichloroethane | ND | | 5.0 | 0.65 | ug/Kg | | | 10/17/14 01:13 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 5.0 | 1.1 | ug/Kg | | | 10/17/14 01:13 | 1 |
| 1,1-Dichloroethane | ND | | 5.0 | 0.61 | ug/Kg | | | 10/17/14 01:13 | 1 |
| 1,1-Dichloroethene | ND | | 5.0 | 0.61 | ug/Kg | | | 10/17/14 01:13 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 5.0 | 0.30 | ug/Kg | | | 10/17/14 01:13 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 5.0 | 2.5 | ug/Kg | | | 10/17/14 01:13 | 1 |
| 1,2-Dichlorobenzene | ND | | 5.0 | 0.39 | ug/Kg | | | 10/17/14 01:13 | 1 |
| 1,2-Dichloroethane | ND | | 5.0 | 0.25 | ug/Kg | | | 10/17/14 01:13 | 1 |
| 1,2-Dichloropropane | ND | | 5.0 | 2.5 | ug/Kg | | | 10/17/14 01:13 | 1 |
| 1,3-Dichlorobenzene | ND | | 5.0 | 0.26 | ug/Kg | | | 10/17/14 01:13 | 1 |
| 1,4-Dichlorobenzene | ND | | 5.0 | 0.70 | ug/Kg | | | 10/17/14 01:13 | 1 |
| 2-Butanone (MEK) | ND | | 25 | 1.8 | ug/Kg | | | 10/17/14 01:13 | 1 |
| 2-Hexanone | ND | | 25 | 2.5 | ug/Kg | | | 10/17/14 01:13 | 1 |
| 4-Methyl-2-pentanone (MIBK) | ND | | 25 | 1.6 | ug/Kg | | | 10/17/14 01:13 | 1 |
| Acetone | ND | | 25 | 4.2 | ug/Kg | | | 10/17/14 01:13 | 1 |
| Benzene | ND | | 5.0 | 0.25 | ug/Kg | | | 10/17/14 01:13 | 1 |
| Bromodichloromethane | ND | | 5.0 | 0.67 | ug/Kg | | | 10/17/14 01:13 | 1 |
| Bromoform | ND | | 5.0 | 2.5 | ug/Kg | | | 10/17/14 01:13 | 1 |
| Bromomethane | ND | | 5.0 | 0.45 | ug/Kg | | | 10/17/14 01:13 | 1 |
| Carbon disulfide | ND | | 5.0 | 2.5 | ug/Kg | | | 10/17/14 01:13 | 1 |
| Carbon tetrachloride | ND | | 5.0 | 0.48 | ug/Kg | | | 10/17/14 01:13 | 1 |
| Chlorobenzene | ND | | 5.0 | 0.66 | ug/Kg | | | 10/17/14 01:13 | 1 |
| Dibromochloromethane | ND | | 5.0 | 0.64 | ug/Kg | | | 10/17/14 01:13 | 1 |
| Chloroethane | ND | | 5.0 | 1.1 | ug/Kg | | | 10/17/14 01:13 | 1 |
| Chloroform | ND | | 5.0 | 0.31 | ug/Kg | | | 10/17/14 01:13 | 1 |
| Chloromethane | ND | | 5.0 | 0.30 | ug/Kg | | | 10/17/14 01:13 | 1 |
| cis-1,2-Dichloroethene | ND | | 5.0 | 0.64 | ug/Kg | | | 10/17/14 01:13 | 1 |
| cis-1,3-Dichloropropene | ND | | 5.0 | 0.72 | ug/Kg | | | 10/17/14 01:13 | 1 |
| Cyclohexane | ND | | 5.0 | 0.70 | ug/Kg | | | 10/17/14 01:13 | 1 |
| Dichlorodifluoromethane | ND | | 5.0 | 0.41 | ug/Kg | | | 10/17/14 01:13 | 1 |
| Ethylbenzene | ND | | 5.0 | 0.35 | ug/Kg | | | 10/17/14 01:13 | 1 |
| 1,2-Dibromoethane | ND | | 5.0 | 0.64 | ug/Kg | | | 10/17/14 01:13 | 1 |
| Isopropylbenzene | ND | | 5.0 | 0.75 | ug/Kg | | | 10/17/14 01:13 | 1 |
| Methyl acetate | ND | | 5.0 | 3.0 | ug/Kg | | | 10/17/14 01:13 | 1 |
| Methyl tert-butyl ether | ND | | 5.0 | 0.49 | ug/Kg | | | 10/17/14 01:13 | 1 |
| Methylcyclohexane | ND | | 5.0 | 0.76 | ug/Kg | | | 10/17/14 01:13 | 1 |
| Methylene Chloride | ND | | 5.0 | 2.3 | ug/Kg | | | 10/17/14 01:13 | 1 |
| Styrene | ND | | 5.0 | 0.25 | ug/Kg | | | 10/17/14 01:13 | 1 |
| Tetrachloroethene | ND | | 5.0 | 0.67 | ug/Kg | | | 10/17/14 01:13 | 1 |
| Toluene | ND | | 5.0 | 0.38 | ug/Kg | | | 10/17/14 01:13 | 1 |
| trans-1,2-Dichloroethene | ND | | 5.0 | 0.52 | ug/Kg | | | 10/17/14 01:13 | 1 |
| trans-1,3-Dichloropropene | ND | | 5.0 | 2.2 | ug/Kg | | | 10/17/14 01:13 | 1 |
| Trichloroethene | ND | | 5.0 | 1.1 | ug/Kg | | | 10/17/14 01:13 | 1 |
| Trichlorofluoromethane | ND | | 5.0 | 0.47 | ug/Kg | | | 10/17/14 01:13 | 1 |
| Vinyl chloride | ND | | 5.0 | 0.61 | ug/Kg | | | 10/17/14 01:13 | 1 |
| Xylenes, Total | ND | | 10 | 0.84 | ug/Kg | | | 10/17/14 01:13 | 1 |

## Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

**Lab Sample ID: MB 480-208269/7**
**Matrix: Solid**
**Analysis Batch: 208269**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| *Toluene-d8 (Surr)* | *102* | | *71 - 125* | | *10/17/14 01:13* | *1* |
| *1,2-Dichloroethane-d4 (Surr)* | *95* | | *64 - 126* | | *10/17/14 01:13* | *1* |
| *4-Bromofluorobenzene (Surr)* | *103* | | *72 - 126* | | *10/17/14 01:13* | *1* |
| *Dibromofluoromethane (Surr)* | *100* | | *60 - 140* | | *10/17/14 01:13* | *1* |

**Lab Sample ID: LCS 480-208269/5**
**Matrix: Solid**
**Analysis Batch: 208269**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethane | 50.0 | 52.3 | | ug/Kg | | 105 | 73 - 126 |
| 1,1-Dichloroethene | 50.0 | 51.8 | | ug/Kg | | 104 | 59 - 125 |
| 1,2-Dichlorobenzene | 50.0 | 50.2 | | ug/Kg | | 100 | 75 - 120 |
| 1,2-Dichloroethane | 50.0 | 50.0 | | ug/Kg | | 100 | 77 - 122 |
| Benzene | 50.0 | 51.5 | | ug/Kg | | 103 | 79 - 127 |
| Chlorobenzene | 50.0 | 51.0 | | ug/Kg | | 102 | 76 - 124 |
| cis-1,2-Dichloroethene | 50.0 | 52.5 | | ug/Kg | | 105 | 81 - 117 |
| Ethylbenzene | 50.0 | 50.9 | | ug/Kg | | 102 | 80 - 120 |
| Methyl tert-butyl ether | 50.0 | 50.6 | | ug/Kg | | 101 | 63 - 125 |
| Tetrachloroethene | 50.0 | 51.2 | | ug/Kg | | 102 | 74 - 122 |
| Toluene | 50.0 | 49.9 | | ug/Kg | | 100 | 74 - 128 |
| trans-1,2-Dichloroethene | 50.0 | 52.4 | | ug/Kg | | 105 | 78 - 126 |
| Trichloroethene | 50.0 | 52.0 | | ug/Kg | | 104 | 77 - 129 |

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|---|---|---|---|
| *Toluene-d8 (Surr)* | *100* | | *71 - 125* |
| *1,2-Dichloroethane-d4 (Surr)* | *97* | | *64 - 126* |
| *4-Bromofluorobenzene (Surr)* | *107* | | *72 - 126* |
| *Dibromofluoromethane (Surr)* | *102* | | *60 - 140* |

**Lab Sample ID: MB 480-208371/7**
**Matrix: Solid**
**Analysis Batch: 208371**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ND | | 5.0 | 0.36 | ug/Kg | | | 10/17/14 12:45 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 5.0 | 0.81 | ug/Kg | | | 10/17/14 12:45 | 1 |
| 1,1,2-Trichloroethane | ND | | 5.0 | 0.65 | ug/Kg | | | 10/17/14 12:45 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 5.0 | 1.1 | ug/Kg | | | 10/17/14 12:45 | 1 |
| 1,1-Dichloroethane | ND | | 5.0 | 0.61 | ug/Kg | | | 10/17/14 12:45 | 1 |
| 1,1-Dichloroethene | ND | | 5.0 | 0.61 | ug/Kg | | | 10/17/14 12:45 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 5.0 | 0.30 | ug/Kg | | | 10/17/14 12:45 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 5.0 | 2.5 | ug/Kg | | | 10/17/14 12:45 | 1 |
| 1,2-Dichlorobenzene | ND | | 5.0 | 0.39 | ug/Kg | | | 10/17/14 12:45 | 1 |
| 1,2-Dichloroethane | ND | | 5.0 | 0.25 | ug/Kg | | | 10/17/14 12:45 | 1 |
| 1,2-Dichloropropane | ND | | 5.0 | 2.5 | ug/Kg | | | 10/17/14 12:45 | 1 |
| 1,3-Dichlorobenzene | ND | | 5.0 | 0.26 | ug/Kg | | | 10/17/14 12:45 | 1 |
| 1,4-Dichlorobenzene | ND | | 5.0 | 0.70 | ug/Kg | | | 10/17/14 12:45 | 1 |

## Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

**Lab Sample ID: MB 480-208371/7**
**Matrix: Solid**
**Analysis Batch: 208371**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 2-Butanone (MEK) | ND | | 25 | 1.8 | ug/Kg | | | 10/17/14 12:45 | 1 |
| 2-Hexanone | ND | | 25 | 2.5 | ug/Kg | | | 10/17/14 12:45 | 1 |
| 4-Methyl-2-pentanone (MIBK) | ND | | 25 | 1.6 | ug/Kg | | | 10/17/14 12:45 | 1 |
| Acetone | ND | | 25 | 4.2 | ug/Kg | | | 10/17/14 12:45 | 1 |
| Benzene | ND | | 5.0 | 0.25 | ug/Kg | | | 10/17/14 12:45 | 1 |
| Bromodichloromethane | ND | | 5.0 | 0.67 | ug/Kg | | | 10/17/14 12:45 | 1 |
| Bromoform | ND | | 5.0 | 2.5 | ug/Kg | | | 10/17/14 12:45 | 1 |
| Bromomethane | ND | | 5.0 | 0.45 | ug/Kg | | | 10/17/14 12:45 | 1 |
| Carbon disulfide | ND | | 5.0 | 2.5 | ug/Kg | | | 10/17/14 12:45 | 1 |
| Carbon tetrachloride | ND | | 5.0 | 0.48 | ug/Kg | | | 10/17/14 12:45 | 1 |
| Chlorobenzene | ND | | 5.0 | 0.66 | ug/Kg | | | 10/17/14 12:45 | 1 |
| Dibromochloromethane | ND | | 5.0 | 0.64 | ug/Kg | | | 10/17/14 12:45 | 1 |
| Chloroethane | ND | | 5.0 | 1.1 | ug/Kg | | | 10/17/14 12:45 | 1 |
| Chloroform | ND | | 5.0 | 0.31 | ug/Kg | | | 10/17/14 12:45 | 1 |
| Chloromethane | ND | | 5.0 | 0.30 | ug/Kg | | | 10/17/14 12:45 | 1 |
| cis-1,2-Dichloroethene | ND | | 5.0 | 0.64 | ug/Kg | | | 10/17/14 12:45 | 1 |
| cis-1,3-Dichloropropene | ND | | 5.0 | 0.72 | ug/Kg | | | 10/17/14 12:45 | 1 |
| Cyclohexane | ND | | 5.0 | 0.70 | ug/Kg | | | 10/17/14 12:45 | 1 |
| Dichlorodifluoromethane | ND | | 5.0 | 0.41 | ug/Kg | | | 10/17/14 12:45 | 1 |
| Ethylbenzene | ND | | 5.0 | 0.35 | ug/Kg | | | 10/17/14 12:45 | 1 |
| 1,2-Dibromoethane | ND | | 5.0 | 0.64 | ug/Kg | | | 10/17/14 12:45 | 1 |
| Isopropylbenzene | ND | | 5.0 | 0.75 | ug/Kg | | | 10/17/14 12:45 | 1 |
| Methyl acetate | ND | | 5.0 | 3.0 | ug/Kg | | | 10/17/14 12:45 | 1 |
| Methyl tert-butyl ether | ND | | 5.0 | 0.49 | ug/Kg | | | 10/17/14 12:45 | 1 |
| Methylcyclohexane | ND | | 5.0 | 0.76 | ug/Kg | | | 10/17/14 12:45 | 1 |
| Methylene Chloride | ND | | 5.0 | 2.3 | ug/Kg | | | 10/17/14 12:45 | 1 |
| Styrene | ND | | 5.0 | 0.25 | ug/Kg | | | 10/17/14 12:45 | 1 |
| Tetrachloroethene | ND | | 5.0 | 0.67 | ug/Kg | | | 10/17/14 12:45 | 1 |
| Toluene | ND | | 5.0 | 0.38 | ug/Kg | | | 10/17/14 12:45 | 1 |
| trans-1,2-Dichloroethene | ND | | 5.0 | 0.52 | ug/Kg | | | 10/17/14 12:45 | 1 |
| trans-1,3-Dichloropropene | ND | | 5.0 | 2.2 | ug/Kg | | | 10/17/14 12:45 | 1 |
| Trichloroethene | ND | | 5.0 | 1.1 | ug/Kg | | | 10/17/14 12:45 | 1 |
| Trichlorofluoromethane | ND | | 5.0 | 0.47 | ug/Kg | | | 10/17/14 12:45 | 1 |
| Vinyl chloride | ND | | 5.0 | 0.61 | ug/Kg | | | 10/17/14 12:45 | 1 |
| Xylenes, Total | ND | | 10 | 0.84 | ug/Kg | | | 10/17/14 12:45 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Toluene-d8 (Surr)* | *105* | | *71 - 125* | | *10/17/14 12:45* | *1* |
| *1,2-Dichloroethane-d4 (Surr)* | *106* | | *64 - 126* | | *10/17/14 12:45* | *1* |
| *4-Bromofluorobenzene (Surr)* | *96* | | *72 - 126* | | *10/17/14 12:45* | *1* |
| *Dibromofluoromethane (Surr)* | *107* | | *60 - 140* | | *10/17/14 12:45* | *1* |

**Lab Sample ID: LCS 480-208371/5**
**Matrix: Solid**
**Analysis Batch: 208371**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethane | 50.0 | 49.1 | | ug/Kg | | 98 | 73 - 126 |

## Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

**Lab Sample ID: LCS 480-208371/5**
**Matrix: Solid**
**Analysis Batch: 208371**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | 50.0 | 48.0 | | ug/Kg | | 96 | 59 - 125 |
| 1,2-Dichlorobenzene | 50.0 | 48.1 | | ug/Kg | | 96 | 75 - 120 |
| 1,2-Dichloroethane | 50.0 | 47.7 | | ug/Kg | | 95 | 77 - 122 |
| Benzene | 50.0 | 47.8 | | ug/Kg | | 96 | 79 - 127 |
| Chlorobenzene | 50.0 | 48.6 | | ug/Kg | | 97 | 76 - 124 |
| cis-1,2-Dichloroethene | 50.0 | 48.7 | | ug/Kg | | 97 | 81 - 117 |
| Ethylbenzene | 50.0 | 48.0 | | ug/Kg | | 96 | 80 - 120 |
| Methyl tert-butyl ether | 50.0 | 50.2 | | ug/Kg | | 100 | 63 - 125 |
| Tetrachloroethene | 50.0 | 48.2 | | ug/Kg | | 96 | 74 - 122 |
| Toluene | 50.0 | 47.1 | | ug/Kg | | 94 | 74 - 128 |
| trans-1,2-Dichloroethene | 50.0 | 48.2 | | ug/Kg | | 96 | 78 - 126 |
| Trichloroethene | 50.0 | 48.7 | | ug/Kg | | 97 | 77 - 129 |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *Toluene-d8 (Surr)* | *104* | | *71 - 125* |
| *1,2-Dichloroethane-d4 (Surr)* | *106* | | *64 - 126* |
| *4-Bromofluorobenzene (Surr)* | *100* | | *72 - 126* |
| *Dibromofluoromethane (Surr)* | *109* | | *60 - 140* |

**Lab Sample ID: MB 480-208542/6**
**Matrix: Solid**
**Analysis Batch: 208542**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ND | | 5.0 | 0.36 | ug/Kg | | | 10/17/14 23:30 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 5.0 | 0.81 | ug/Kg | | | 10/17/14 23:30 | 1 |
| 1,1,2-Trichloroethane | ND | | 5.0 | 0.65 | ug/Kg | | | 10/17/14 23:30 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 5.0 | 1.1 | ug/Kg | | | 10/17/14 23:30 | 1 |
| 1,1-Dichloroethane | ND | | 5.0 | 0.61 | ug/Kg | | | 10/17/14 23:30 | 1 |
| 1,1-Dichloroethene | ND | | 5.0 | 0.61 | ug/Kg | | | 10/17/14 23:30 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 5.0 | 0.30 | ug/Kg | | | 10/17/14 23:30 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 5.0 | 2.5 | ug/Kg | | | 10/17/14 23:30 | 1 |
| 1,2-Dichlorobenzene | ND | | 5.0 | 0.39 | ug/Kg | | | 10/17/14 23:30 | 1 |
| 1,2-Dichloroethane | ND | | 5.0 | 0.25 | ug/Kg | | | 10/17/14 23:30 | 1 |
| 1,2-Dichloropropane | ND | | 5.0 | 2.5 | ug/Kg | | | 10/17/14 23:30 | 1 |
| 1,3-Dichlorobenzene | ND | | 5.0 | 0.26 | ug/Kg | | | 10/17/14 23:30 | 1 |
| 1,4-Dichlorobenzene | ND | | 5.0 | 0.70 | ug/Kg | | | 10/17/14 23:30 | 1 |
| 2-Butanone (MEK) | ND | | 25 | 1.8 | ug/Kg | | | 10/17/14 23:30 | 1 |
| 2-Hexanone | ND | | 25 | 2.5 | ug/Kg | | | 10/17/14 23:30 | 1 |
| 4-Methyl-2-pentanone (MIBK) | ND | | 25 | 1.6 | ug/Kg | | | 10/17/14 23:30 | 1 |
| Acetone | ND | | 25 | 4.2 | ug/Kg | | | 10/17/14 23:30 | 1 |
| Benzene | ND | | 5.0 | 0.25 | ug/Kg | | | 10/17/14 23:30 | 1 |
| Bromodichloromethane | ND | | 5.0 | 0.67 | ug/Kg | | | 10/17/14 23:30 | 1 |
| Bromoform | ND | | 5.0 | 2.5 | ug/Kg | | | 10/17/14 23:30 | 1 |
| Bromomethane | ND | | 5.0 | 0.45 | ug/Kg | | | 10/17/14 23:30 | 1 |
| Carbon disulfide | ND | | 5.0 | 2.5 | ug/Kg | | | 10/17/14 23:30 | 1 |
| Carbon tetrachloride | ND | | 5.0 | 0.48 | ug/Kg | | | 10/17/14 23:30 | 1 |
| Chlorobenzene | ND | | 5.0 | 0.66 | ug/Kg | | | 10/17/14 23:30 | 1 |

## Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

**Lab Sample ID: MB 480-208542/6**
**Matrix: Solid**
**Analysis Batch: 208542**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Dibromochloromethane | ND | | 5.0 | 0.64 | ug/Kg | | | 10/17/14 23:30 | 1 |
| Chloroethane | ND | | 5.0 | 1.1 | ug/Kg | | | 10/17/14 23:30 | 1 |
| Chloroform | ND | | 5.0 | 0.31 | ug/Kg | | | 10/17/14 23:30 | 1 |
| Chloromethane | ND | | 5.0 | 0.30 | ug/Kg | | | 10/17/14 23:30 | 1 |
| cis-1,2-Dichloroethene | ND | | 5.0 | 0.64 | ug/Kg | | | 10/17/14 23:30 | 1 |
| cis-1,3-Dichloropropene | ND | | 5.0 | 0.72 | ug/Kg | | | 10/17/14 23:30 | 1 |
| Cyclohexane | ND | | 5.0 | 0.70 | ug/Kg | | | 10/17/14 23:30 | 1 |
| Dichlorodifluoromethane | ND | | 5.0 | 0.41 | ug/Kg | | | 10/17/14 23:30 | 1 |
| Ethylbenzene | ND | | 5.0 | 0.35 | ug/Kg | | | 10/17/14 23:30 | 1 |
| 1,2-Dibromoethane | ND | | 5.0 | 0.64 | ug/Kg | | | 10/17/14 23:30 | 1 |
| Isopropylbenzene | ND | | 5.0 | 0.75 | ug/Kg | | | 10/17/14 23:30 | 1 |
| Methyl acetate | ND | | 5.0 | 3.0 | ug/Kg | | | 10/17/14 23:30 | 1 |
| Methyl tert-butyl ether | ND | | 5.0 | 0.49 | ug/Kg | | | 10/17/14 23:30 | 1 |
| Methylcyclohexane | ND | | 5.0 | 0.76 | ug/Kg | | | 10/17/14 23:30 | 1 |
| Methylene Chloride | ND | | 5.0 | 2.3 | ug/Kg | | | 10/17/14 23:30 | 1 |
| Styrene | ND | | 5.0 | 0.25 | ug/Kg | | | 10/17/14 23:30 | 1 |
| Tetrachloroethene | ND | | 5.0 | 0.67 | ug/Kg | | | 10/17/14 23:30 | 1 |
| Toluene | ND | | 5.0 | 0.38 | ug/Kg | | | 10/17/14 23:30 | 1 |
| trans-1,2-Dichloroethene | ND | | 5.0 | 0.52 | ug/Kg | | | 10/17/14 23:30 | 1 |
| trans-1,3-Dichloropropene | ND | | 5.0 | 2.2 | ug/Kg | | | 10/17/14 23:30 | 1 |
| Trichloroethene | ND | | 5.0 | 1.1 | ug/Kg | | | 10/17/14 23:30 | 1 |
| Trichlorofluoromethane | ND | | 5.0 | 0.47 | ug/Kg | | | 10/17/14 23:30 | 1 |
| Vinyl chloride | ND | | 5.0 | 0.61 | ug/Kg | | | 10/17/14 23:30 | 1 |
| Xylenes, Total | ND | | 10 | 0.84 | ug/Kg | | | 10/17/14 23:30 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Toluene-d8 (Surr)* | *106* | | *71 - 125* | | *10/17/14 23:30* | *1* |
| *1,2-Dichloroethane-d4 (Surr)* | *100* | | *64 - 126* | | *10/17/14 23:30* | *1* |
| *4-Bromofluorobenzene (Surr)* | *96* | | *72 - 126* | | *10/17/14 23:30* | *1* |
| *Dibromofluoromethane (Surr)* | *104* | | *60 - 140* | | *10/17/14 23:30* | *1* |

**Lab Sample ID: LCS 480-208542/4**
**Matrix: Solid**
**Analysis Batch: 208542**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethane | 50.0 | 50.1 | | ug/Kg | | 100 | 73 - 126 |
| 1,1-Dichloroethene | 50.0 | 46.3 | | ug/Kg | | 93 | 59 - 125 |
| 1,2-Dichlorobenzene | 50.0 | 47.6 | | ug/Kg | | 95 | 75 - 120 |
| 1,2-Dichloroethane | 50.0 | 47.8 | | ug/Kg | | 96 | 77 - 122 |
| Benzene | 50.0 | 49.1 | | ug/Kg | | 98 | 79 - 127 |
| Chlorobenzene | 50.0 | 49.6 | | ug/Kg | | 99 | 76 - 124 |
| cis-1,2-Dichloroethene | 50.0 | 50.3 | | ug/Kg | | 101 | 81 - 117 |
| Ethylbenzene | 50.0 | 49.1 | | ug/Kg | | 98 | 80 - 120 |
| Methyl tert-butyl ether | 50.0 | 49.3 | | ug/Kg | | 99 | 63 - 125 |
| Tetrachloroethene | 50.0 | 49.9 | | ug/Kg | | 100 | 74 - 122 |
| Toluene | 50.0 | 48.3 | | ug/Kg | | 97 | 74 - 128 |
| trans-1,2-Dichloroethene | 50.0 | 50.1 | | ug/Kg | | 100 | 78 - 126 |

## Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

**Lab Sample ID: LCS 480-208542/4**
**Matrix: Solid**
**Analysis Batch: 208542**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---|---|---|---|---|---|---|---|
| Trichloroethene | 50.0 | 49.9 | | ug/Kg | | 100 | 77 - 129 |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *Toluene-d8 (Surr)* | *105* | | *71 - 125* |
| *1,2-Dichloroethane-d4 (Surr)* | *109* | | *64 - 126* |
| *4-Bromofluorobenzene (Surr)* | *100* | | *72 - 126* |
| *Dibromofluoromethane (Surr)* | *109* | | *60 - 140* |

**Lab Sample ID: MB 480-208663/8**
**Matrix: Solid**
**Analysis Batch: 208663**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ND | | 5.0 | 0.36 | ug/Kg | | | 10/19/14 11:24 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 5.0 | 0.81 | ug/Kg | | | 10/19/14 11:24 | 1 |
| 1,1,2-Trichloroethane | ND | | 5.0 | 0.65 | ug/Kg | | | 10/19/14 11:24 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 5.0 | 1.1 | ug/Kg | | | 10/19/14 11:24 | 1 |
| 1,1-Dichloroethane | ND | | 5.0 | 0.61 | ug/Kg | | | 10/19/14 11:24 | 1 |
| 1,1-Dichloroethene | ND | | 5.0 | 0.61 | ug/Kg | | | 10/19/14 11:24 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 5.0 | 0.30 | ug/Kg | | | 10/19/14 11:24 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 5.0 | 2.5 | ug/Kg | | | 10/19/14 11:24 | 1 |
| 1,2-Dichlorobenzene | ND | | 5.0 | 0.39 | ug/Kg | | | 10/19/14 11:24 | 1 |
| 1,2-Dichloroethane | ND | | 5.0 | 0.25 | ug/Kg | | | 10/19/14 11:24 | 1 |
| 1,2-Dichloropropane | ND | | 5.0 | 2.5 | ug/Kg | | | 10/19/14 11:24 | 1 |
| 1,3-Dichlorobenzene | ND | | 5.0 | 0.26 | ug/Kg | | | 10/19/14 11:24 | 1 |
| 1,4-Dichlorobenzene | ND | | 5.0 | 0.70 | ug/Kg | | | 10/19/14 11:24 | 1 |
| 2-Butanone (MEK) | ND | | 25 | 1.8 | ug/Kg | | | 10/19/14 11:24 | 1 |
| 2-Hexanone | ND | | 25 | 2.5 | ug/Kg | | | 10/19/14 11:24 | 1 |
| 4-Methyl-2-pentanone (MIBK) | ND | | 25 | 1.6 | ug/Kg | | | 10/19/14 11:24 | 1 |
| Acetone | ND | | 25 | 4.2 | ug/Kg | | | 10/19/14 11:24 | 1 |
| Benzene | ND | | 5.0 | 0.25 | ug/Kg | | | 10/19/14 11:24 | 1 |
| Bromodichloromethane | ND | | 5.0 | 0.67 | ug/Kg | | | 10/19/14 11:24 | 1 |
| Bromoform | ND | | 5.0 | 2.5 | ug/Kg | | | 10/19/14 11:24 | 1 |
| Bromomethane | ND | | 5.0 | 0.45 | ug/Kg | | | 10/19/14 11:24 | 1 |
| Carbon disulfide | ND | | 5.0 | 2.5 | ug/Kg | | | 10/19/14 11:24 | 1 |
| Carbon tetrachloride | ND | | 5.0 | 0.48 | ug/Kg | | | 10/19/14 11:24 | 1 |
| Chlorobenzene | ND | | 5.0 | 0.66 | ug/Kg | | | 10/19/14 11:24 | 1 |
| Dibromochloromethane | ND | | 5.0 | 0.64 | ug/Kg | | | 10/19/14 11:24 | 1 |
| Chloroethane | ND | | 5.0 | 1.1 | ug/Kg | | | 10/19/14 11:24 | 1 |
| Chloroform | ND | | 5.0 | 0.31 | ug/Kg | | | 10/19/14 11:24 | 1 |
| Chloromethane | ND | | 5.0 | 0.30 | ug/Kg | | | 10/19/14 11:24 | 1 |
| cis-1,2-Dichloroethene | ND | | 5.0 | 0.64 | ug/Kg | | | 10/19/14 11:24 | 1 |
| cis-1,3-Dichloropropene | ND | | 5.0 | 0.72 | ug/Kg | | | 10/19/14 11:24 | 1 |
| Cyclohexane | ND | | 5.0 | 0.70 | ug/Kg | | | 10/19/14 11:24 | 1 |
| Dichlorodifluoromethane | ND | | 5.0 | 0.41 | ug/Kg | | | 10/19/14 11:24 | 1 |
| Ethylbenzene | ND | | 5.0 | 0.35 | ug/Kg | | | 10/19/14 11:24 | 1 |
| 1,2-Dibromoethane | ND | | 5.0 | 0.64 | ug/Kg | | | 10/19/14 11:24 | 1 |
| Isopropylbenzene | ND | | 5.0 | 0.75 | ug/Kg | | | 10/19/14 11:24 | 1 |

## Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

**Lab Sample ID: MB 480-208663/8**
**Matrix: Solid**
**Analysis Batch: 208663**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Methyl acetate | ND | | 5.0 | 3.0 | ug/Kg | | | 10/19/14 11:24 | 1 |
| Methyl tert-butyl ether | ND | | 5.0 | 0.49 | ug/Kg | | | 10/19/14 11:24 | 1 |
| Methylcyclohexane | ND | | 5.0 | 0.76 | ug/Kg | | | 10/19/14 11:24 | 1 |
| Methylene Chloride | ND | | 5.0 | 2.3 | ug/Kg | | | 10/19/14 11:24 | 1 |
| Styrene | ND | | 5.0 | 0.25 | ug/Kg | | | 10/19/14 11:24 | 1 |
| Tetrachloroethene | ND | | 5.0 | 0.67 | ug/Kg | | | 10/19/14 11:24 | 1 |
| Toluene | ND | | 5.0 | 0.38 | ug/Kg | | | 10/19/14 11:24 | 1 |
| trans-1,2-Dichloroethene | ND | | 5.0 | 0.52 | ug/Kg | | | 10/19/14 11:24 | 1 |
| trans-1,3-Dichloropropene | ND | | 5.0 | 2.2 | ug/Kg | | | 10/19/14 11:24 | 1 |
| Trichloroethene | ND | | 5.0 | 1.1 | ug/Kg | | | 10/19/14 11:24 | 1 |
| Trichlorofluoromethane | ND | | 5.0 | 0.47 | ug/Kg | | | 10/19/14 11:24 | 1 |
| Vinyl chloride | ND | | 5.0 | 0.61 | ug/Kg | | | 10/19/14 11:24 | 1 |
| Xylenes, Total | ND | | 10 | 0.84 | ug/Kg | | | 10/19/14 11:24 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Toluene-d8 (Surr)* | *104* | | *71 - 125* | | *10/19/14 11:24* | *1* |
| *1,2-Dichloroethane-d4 (Surr)* | *101* | | *64 - 126* | | *10/19/14 11:24* | *1* |
| *4-Bromofluorobenzene (Surr)* | *95* | | *72 - 126* | | *10/19/14 11:24* | *1* |
| *Dibromofluoromethane (Surr)* | *107* | | *60 - 140* | | *10/19/14 11:24* | *1* |

**Lab Sample ID: LCS 480-208663/6**
**Matrix: Solid**
**Analysis Batch: 208663**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethane | 50.0 | 48.9 | | ug/Kg | | 98 | 73 - 126 |
| 1,1-Dichloroethene | 50.0 | 46.8 | | ug/Kg | | 94 | 59 - 125 |
| 1,2-Dichlorobenzene | 50.0 | 46.5 | | ug/Kg | | 93 | 75 - 120 |
| 1,2-Dichloroethane | 50.0 | 48.3 | | ug/Kg | | 97 | 77 - 122 |
| Benzene | 50.0 | 48.4 | | ug/Kg | | 97 | 79 - 127 |
| Chlorobenzene | 50.0 | 47.6 | | ug/Kg | | 95 | 76 - 124 |
| cis-1,2-Dichloroethene | 50.0 | 49.6 | | ug/Kg | | 99 | 81 - 117 |
| Ethylbenzene | 50.0 | 46.0 | | ug/Kg | | 92 | 80 - 120 |
| Methyl tert-butyl ether | 50.0 | 49.6 | | ug/Kg | | 99 | 63 - 125 |
| Tetrachloroethene | 50.0 | 46.2 | | ug/Kg | | 92 | 74 - 122 |
| Toluene | 50.0 | 45.6 | | ug/Kg | | 91 | 74 - 128 |
| trans-1,2-Dichloroethene | 50.0 | 48.9 | | ug/Kg | | 98 | 78 - 126 |
| Trichloroethene | 50.0 | 48.9 | | ug/Kg | | 98 | 77 - 129 |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *Toluene-d8 (Surr)* | *106* | | *71 - 125* |
| *1,2-Dichloroethane-d4 (Surr)* | *112* | | *64 - 126* |
| *4-Bromofluorobenzene (Surr)* | *102* | | *72 - 126* |
| *Dibromofluoromethane (Surr)* | *114* | | *60 - 140* |

## Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

**Lab Sample ID: MB 480-208712/7**
**Matrix: Solid**
**Analysis Batch: 208712**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ND | | 5.0 | 0.36 | ug/Kg | | | 10/20/14 10:10 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 5.0 | 0.81 | ug/Kg | | | 10/20/14 10:10 | 1 |
| 1,1,2-Trichloroethane | ND | | 5.0 | 0.65 | ug/Kg | | | 10/20/14 10:10 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 5.0 | 1.1 | ug/Kg | | | 10/20/14 10:10 | 1 |
| 1,1-Dichloroethane | ND | | 5.0 | 0.61 | ug/Kg | | | 10/20/14 10:10 | 1 |
| 1,1-Dichloroethene | ND | | 5.0 | 0.61 | ug/Kg | | | 10/20/14 10:10 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 5.0 | 0.30 | ug/Kg | | | 10/20/14 10:10 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 5.0 | 2.5 | ug/Kg | | | 10/20/14 10:10 | 1 |
| 1,2-Dichlorobenzene | ND | | 5.0 | 0.39 | ug/Kg | | | 10/20/14 10:10 | 1 |
| 1,2-Dichloroethane | ND | | 5.0 | 0.25 | ug/Kg | | | 10/20/14 10:10 | 1 |
| 1,2-Dichloropropane | ND | | 5.0 | 2.5 | ug/Kg | | | 10/20/14 10:10 | 1 |
| 1,3-Dichlorobenzene | ND | | 5.0 | 0.26 | ug/Kg | | | 10/20/14 10:10 | 1 |
| 1,4-Dichlorobenzene | ND | | 5.0 | 0.70 | ug/Kg | | | 10/20/14 10:10 | 1 |
| 2-Butanone (MEK) | ND | | 25 | 1.8 | ug/Kg | | | 10/20/14 10:10 | 1 |
| 2-Hexanone | ND | | 25 | 2.5 | ug/Kg | | | 10/20/14 10:10 | 1 |
| 4-Methyl-2-pentanone (MIBK) | ND | | 25 | 1.6 | ug/Kg | | | 10/20/14 10:10 | 1 |
| Acetone | ND | | 25 | 4.2 | ug/Kg | | | 10/20/14 10:10 | 1 |
| Benzene | ND | | 5.0 | 0.25 | ug/Kg | | | 10/20/14 10:10 | 1 |
| Bromodichloromethane | ND | | 5.0 | 0.67 | ug/Kg | | | 10/20/14 10:10 | 1 |
| Bromoform | ND | | 5.0 | 2.5 | ug/Kg | | | 10/20/14 10:10 | 1 |
| Bromomethane | ND | | 5.0 | 0.45 | ug/Kg | | | 10/20/14 10:10 | 1 |
| Carbon disulfide | ND | | 5.0 | 2.5 | ug/Kg | | | 10/20/14 10:10 | 1 |
| Carbon tetrachloride | ND | | 5.0 | 0.48 | ug/Kg | | | 10/20/14 10:10 | 1 |
| Chlorobenzene | ND | | 5.0 | 0.66 | ug/Kg | | | 10/20/14 10:10 | 1 |
| Dibromochloromethane | ND | | 5.0 | 0.64 | ug/Kg | | | 10/20/14 10:10 | 1 |
| Chloroethane | ND | | 5.0 | 1.1 | ug/Kg | | | 10/20/14 10:10 | 1 |
| Chloroform | ND | | 5.0 | 0.31 | ug/Kg | | | 10/20/14 10:10 | 1 |
| Chloromethane | ND | | 5.0 | 0.30 | ug/Kg | | | 10/20/14 10:10 | 1 |
| cis-1,2-Dichloroethene | ND | | 5.0 | 0.64 | ug/Kg | | | 10/20/14 10:10 | 1 |
| cis-1,3-Dichloropropene | ND | | 5.0 | 0.72 | ug/Kg | | | 10/20/14 10:10 | 1 |
| Cyclohexane | ND | | 5.0 | 0.70 | ug/Kg | | | 10/20/14 10:10 | 1 |
| Dichlorodifluoromethane | ND | | 5.0 | 0.41 | ug/Kg | | | 10/20/14 10:10 | 1 |
| Ethylbenzene | ND | | 5.0 | 0.35 | ug/Kg | | | 10/20/14 10:10 | 1 |
| 1,2-Dibromoethane | ND | | 5.0 | 0.64 | ug/Kg | | | 10/20/14 10:10 | 1 |
| Isopropylbenzene | ND | | 5.0 | 0.75 | ug/Kg | | | 10/20/14 10:10 | 1 |
| Methyl acetate | ND | | 5.0 | 3.0 | ug/Kg | | | 10/20/14 10:10 | 1 |
| Methyl tert-butyl ether | ND | | 5.0 | 0.49 | ug/Kg | | | 10/20/14 10:10 | 1 |
| Methylcyclohexane | ND | | 5.0 | 0.76 | ug/Kg | | | 10/20/14 10:10 | 1 |
| Methylene Chloride | ND | | 5.0 | 2.3 | ug/Kg | | | 10/20/14 10:10 | 1 |
| Styrene | ND | | 5.0 | 0.25 | ug/Kg | | | 10/20/14 10:10 | 1 |
| Tetrachloroethene | ND | | 5.0 | 0.67 | ug/Kg | | | 10/20/14 10:10 | 1 |
| Toluene | ND | | 5.0 | 0.38 | ug/Kg | | | 10/20/14 10:10 | 1 |
| trans-1,2-Dichloroethene | ND | | 5.0 | 0.52 | ug/Kg | | | 10/20/14 10:10 | 1 |
| trans-1,3-Dichloropropene | ND | | 5.0 | 2.2 | ug/Kg | | | 10/20/14 10:10 | 1 |
| Trichloroethene | ND | | 5.0 | 1.1 | ug/Kg | | | 10/20/14 10:10 | 1 |
| Trichlorofluoromethane | ND | | 5.0 | 0.47 | ug/Kg | | | 10/20/14 10:10 | 1 |
| Vinyl chloride | ND | | 5.0 | 0.61 | ug/Kg | | | 10/20/14 10:10 | 1 |
| Xylenes, Total | ND | | 10 | 0.84 | ug/Kg | | | 10/20/14 10:10 | 1 |

## Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

**Lab Sample ID: MB 480-208712/7**
**Matrix: Solid**
**Analysis Batch: 208712**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| *Toluene-d8 (Surr)* | *106* | | *71 - 125* | | *10/20/14 10:10* | *1* |
| *1,2-Dichloroethane-d4 (Surr)* | *108* | | *64 - 126* | | *10/20/14 10:10* | *1* |
| *4-Bromofluorobenzene (Surr)* | *97* | | *72 - 126* | | *10/20/14 10:10* | *1* |
| *Dibromofluoromethane (Surr)* | *115* | | *60 - 140* | | *10/20/14 10:10* | *1* |

**Lab Sample ID: LCS 480-208712/5**
**Matrix: Solid**
**Analysis Batch: 208712**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethane | 50.0 | 50.3 | | ug/Kg | | 101 | 73 - 126 |
| 1,1-Dichloroethene | 50.0 | 48.5 | | ug/Kg | | 97 | 59 - 125 |
| 1,2-Dichlorobenzene | 50.0 | 45.6 | | ug/Kg | | 91 | 75 - 120 |
| 1,2-Dichloroethane | 50.0 | 48.5 | | ug/Kg | | 97 | 77 - 122 |
| Benzene | 50.0 | 49.9 | | ug/Kg | | 100 | 79 - 127 |
| Chlorobenzene | 50.0 | 48.2 | | ug/Kg | | 96 | 76 - 124 |
| cis-1,2-Dichloroethene | 50.0 | 51.0 | | ug/Kg | | 102 | 81 - 117 |
| Ethylbenzene | 50.0 | 47.4 | | ug/Kg | | 95 | 80 - 120 |
| Methyl tert-butyl ether | 50.0 | 47.5 | | ug/Kg | | 95 | 63 - 125 |
| Tetrachloroethene | 50.0 | 48.6 | | ug/Kg | | 97 | 74 - 122 |
| Toluene | 50.0 | 46.8 | | ug/Kg | | 94 | 74 - 128 |
| trans-1,2-Dichloroethene | 50.0 | 51.1 | | ug/Kg | | 102 | 78 - 126 |
| Trichloroethene | 50.0 | 50.4 | | ug/Kg | | 101 | 77 - 129 |

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|---|---|---|---|
| *Toluene-d8 (Surr)* | *105* | | *71 - 125* |
| *1,2-Dichloroethane-d4 (Surr)* | *110* | | *64 - 126* |
| *4-Bromofluorobenzene (Surr)* | *100* | | *72 - 126* |
| *Dibromofluoromethane (Surr)* | *114* | | *60 - 140* |

**Lab Sample ID: MB 480-208905/7**
**Matrix: Solid**
**Analysis Batch: 208905**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ND | | 5.0 | 0.36 | ug/Kg | | | 10/20/14 23:29 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 5.0 | 0.81 | ug/Kg | | | 10/20/14 23:29 | 1 |
| 1,1,2-Trichloroethane | ND | | 5.0 | 0.65 | ug/Kg | | | 10/20/14 23:29 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 5.0 | 1.1 | ug/Kg | | | 10/20/14 23:29 | 1 |
| 1,1-Dichloroethane | ND | | 5.0 | 0.61 | ug/Kg | | | 10/20/14 23:29 | 1 |
| 1,1-Dichloroethene | ND | | 5.0 | 0.61 | ug/Kg | | | 10/20/14 23:29 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 5.0 | 0.30 | ug/Kg | | | 10/20/14 23:29 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 5.0 | 2.5 | ug/Kg | | | 10/20/14 23:29 | 1 |
| 1,2-Dichlorobenzene | ND | | 5.0 | 0.39 | ug/Kg | | | 10/20/14 23:29 | 1 |
| 1,2-Dichloroethane | ND | | 5.0 | 0.25 | ug/Kg | | | 10/20/14 23:29 | 1 |
| 1,2-Dichloropropane | ND | | 5.0 | 2.5 | ug/Kg | | | 10/20/14 23:29 | 1 |
| 1,3-Dichlorobenzene | ND | | 5.0 | 0.26 | ug/Kg | | | 10/20/14 23:29 | 1 |
| 1,4-Dichlorobenzene | ND | | 5.0 | 0.70 | ug/Kg | | | 10/20/14 23:29 | 1 |

## Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

**Lab Sample ID: MB 480-208905/7**
**Matrix: Solid**
**Analysis Batch: 208905**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 2-Butanone (MEK) | ND | | 25 | 1.8 | ug/Kg | | | 10/20/14 23:29 | 1 |
| 2-Hexanone | ND | | 25 | 2.5 | ug/Kg | | | 10/20/14 23:29 | 1 |
| 4-Methyl-2-pentanone (MIBK) | ND | | 25 | 1.6 | ug/Kg | | | 10/20/14 23:29 | 1 |
| Acetone | ND | | 25 | 4.2 | ug/Kg | | | 10/20/14 23:29 | 1 |
| Benzene | ND | | 5.0 | 0.25 | ug/Kg | | | 10/20/14 23:29 | 1 |
| Bromodichloromethane | ND | | 5.0 | 0.67 | ug/Kg | | | 10/20/14 23:29 | 1 |
| Bromoform | ND | | 5.0 | 2.5 | ug/Kg | | | 10/20/14 23:29 | 1 |
| Bromomethane | ND | | 5.0 | 0.45 | ug/Kg | | | 10/20/14 23:29 | 1 |
| Carbon disulfide | ND | | 5.0 | 2.5 | ug/Kg | | | 10/20/14 23:29 | 1 |
| Carbon tetrachloride | ND | | 5.0 | 0.48 | ug/Kg | | | 10/20/14 23:29 | 1 |
| Chlorobenzene | ND | | 5.0 | 0.66 | ug/Kg | | | 10/20/14 23:29 | 1 |
| Dibromochloromethane | ND | | 5.0 | 0.64 | ug/Kg | | | 10/20/14 23:29 | 1 |
| Chloroethane | ND | | 5.0 | 1.1 | ug/Kg | | | 10/20/14 23:29 | 1 |
| Chloroform | ND | | 5.0 | 0.31 | ug/Kg | | | 10/20/14 23:29 | 1 |
| Chloromethane | ND | | 5.0 | 0.30 | ug/Kg | | | 10/20/14 23:29 | 1 |
| cis-1,2-Dichloroethene | ND | | 5.0 | 0.64 | ug/Kg | | | 10/20/14 23:29 | 1 |
| cis-1,3-Dichloropropene | ND | | 5.0 | 0.72 | ug/Kg | | | 10/20/14 23:29 | 1 |
| Cyclohexane | ND | | 5.0 | 0.70 | ug/Kg | | | 10/20/14 23:29 | 1 |
| Dichlorodifluoromethane | ND | | 5.0 | 0.41 | ug/Kg | | | 10/20/14 23:29 | 1 |
| Ethylbenzene | ND | | 5.0 | 0.35 | ug/Kg | | | 10/20/14 23:29 | 1 |
| 1,2-Dibromoethane | ND | | 5.0 | 0.64 | ug/Kg | | | 10/20/14 23:29 | 1 |
| Isopropylbenzene | ND | | 5.0 | 0.75 | ug/Kg | | | 10/20/14 23:29 | 1 |
| Methyl acetate | ND | | 5.0 | 3.0 | ug/Kg | | | 10/20/14 23:29 | 1 |
| Methyl tert-butyl ether | ND | | 5.0 | 0.49 | ug/Kg | | | 10/20/14 23:29 | 1 |
| Methylcyclohexane | ND | | 5.0 | 0.76 | ug/Kg | | | 10/20/14 23:29 | 1 |
| Methylene Chloride | ND | | 5.0 | 2.3 | ug/Kg | | | 10/20/14 23:29 | 1 |
| Styrene | ND | | 5.0 | 0.25 | ug/Kg | | | 10/20/14 23:29 | 1 |
| Tetrachloroethene | ND | | 5.0 | 0.67 | ug/Kg | | | 10/20/14 23:29 | 1 |
| Toluene | ND | | 5.0 | 0.38 | ug/Kg | | | 10/20/14 23:29 | 1 |
| trans-1,2-Dichloroethene | ND | | 5.0 | 0.52 | ug/Kg | | | 10/20/14 23:29 | 1 |
| trans-1,3-Dichloropropene | ND | | 5.0 | 2.2 | ug/Kg | | | 10/20/14 23:29 | 1 |
| Trichloroethene | ND | | 5.0 | 1.1 | ug/Kg | | | 10/20/14 23:29 | 1 |
| Trichlorofluoromethane | ND | | 5.0 | 0.47 | ug/Kg | | | 10/20/14 23:29 | 1 |
| Vinyl chloride | ND | | 5.0 | 0.61 | ug/Kg | | | 10/20/14 23:29 | 1 |
| Xylenes, Total | ND | | 10 | 0.84 | ug/Kg | | | 10/20/14 23:29 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Toluene-d8 (Surr)* | *105* | | *71 - 125* | | *10/20/14 23:29* | *1* |
| *1,2-Dichloroethane-d4 (Surr)* | *100* | | *64 - 126* | | *10/20/14 23:29* | *1* |
| *4-Bromofluorobenzene (Surr)* | *99* | | *72 - 126* | | *10/20/14 23:29* | *1* |
| *Dibromofluoromethane (Surr)* | *104* | | *60 - 140* | | *10/20/14 23:29* | *1* |

**Lab Sample ID: LCS 480-208905/5**
**Matrix: Solid**
**Analysis Batch: 208905**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethane | 50.0 | 48.5 | | ug/Kg | | 97 | 73 - 126 |

## Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

**Lab Sample ID: LCS 480-208905/5**
**Matrix: Solid**
**Analysis Batch: 208905**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | 50.0 | 47.0 | | ug/Kg | | 94 | 59 - 125 |
| 1,2-Dichlorobenzene | 50.0 | 47.0 | | ug/Kg | | 94 | 75 - 120 |
| 1,2-Dichloroethane | 50.0 | 46.0 | | ug/Kg | | 92 | 77 - 122 |
| Benzene | 50.0 | 47.6 | | ug/Kg | | 95 | 79 - 127 |
| Chlorobenzene | 50.0 | 48.3 | | ug/Kg | | 97 | 76 - 124 |
| cis-1,2-Dichloroethene | 50.0 | 48.8 | | ug/Kg | | 98 | 81 - 117 |
| Ethylbenzene | 50.0 | 47.9 | | ug/Kg | | 96 | 80 - 120 |
| Methyl tert-butyl ether | 50.0 | 45.2 | | ug/Kg | | 90 | 63 - 125 |
| Tetrachloroethene | 50.0 | 49.7 | | ug/Kg | | 99 | 74 - 122 |
| Toluene | 50.0 | 47.1 | | ug/Kg | | 94 | 74 - 128 |
| trans-1,2-Dichloroethene | 50.0 | 47.9 | | ug/Kg | | 96 | 78 - 126 |
| Trichloroethene | 50.0 | 48.8 | | ug/Kg | | 98 | 77 - 129 |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *Toluene-d8 (Surr)* | *105* | | *71 - 125* |
| *1,2-Dichloroethane-d4 (Surr)* | *104* | | *64 - 126* |
| *4-Bromofluorobenzene (Surr)* | *102* | | *72 - 126* |
| *Dibromofluoromethane (Surr)* | *107* | | *60 - 140* |

**Lab Sample ID: MB 480-209402/2-A**
**Matrix: Solid**
**Analysis Batch: 209408**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 209402**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ND | | 92 | 25 | ug/Kg | | 10/22/14 19:21 | 10/23/14 02:58 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 92 | 15 | ug/Kg | | 10/22/14 19:21 | 10/23/14 02:58 | 1 |
| 1,1,2-Trichloroethane | ND | | 92 | 19 | ug/Kg | | 10/22/14 19:21 | 10/23/14 02:58 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 92 | 46 | ug/Kg | | 10/22/14 19:21 | 10/23/14 02:58 | 1 |
| 1,1-Dichloroethane | ND | | 92 | 28 | ug/Kg | | 10/22/14 19:21 | 10/23/14 02:58 | 1 |
| 1,1-Dichloroethene | ND | | 92 | 32 | ug/Kg | | 10/22/14 19:21 | 10/23/14 02:58 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 92 | 35 | ug/Kg | | 10/22/14 19:21 | 10/23/14 02:58 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 92 | 46 | ug/Kg | | 10/22/14 19:21 | 10/23/14 02:58 | 1 |
| 1,2-Dichlorobenzene | ND | | 92 | 23 | ug/Kg | | 10/22/14 19:21 | 10/23/14 02:58 | 1 |
| 1,2-Dichloroethane | ND | | 92 | 38 | ug/Kg | | 10/22/14 19:21 | 10/23/14 02:58 | 1 |
| 1,2-Dichloropropane | ND | | 92 | 15 | ug/Kg | | 10/22/14 19:21 | 10/23/14 02:58 | 1 |
| 1,3-Dichlorobenzene | ND | | 92 | 25 | ug/Kg | | 10/22/14 19:21 | 10/23/14 02:58 | 1 |
| 1,4-Dichlorobenzene | ND | | 92 | 13 | ug/Kg | | 10/22/14 19:21 | 10/23/14 02:58 | 1 |
| 2-Butanone (MEK) | ND | | 460 | 270 | ug/Kg | | 10/22/14 19:21 | 10/23/14 02:58 | 1 |
| 2-Hexanone | ND | | 460 | 190 | ug/Kg | | 10/22/14 19:21 | 10/23/14 02:58 | 1 |
| 4-Methyl-2-pentanone (MIBK) | ND | | 460 | 29 | ug/Kg | | 10/22/14 19:21 | 10/23/14 02:58 | 1 |
| Acetone | ND | | 460 | 380 | ug/Kg | | 10/22/14 19:21 | 10/23/14 02:58 | 1 |
| Benzene | ND | | 92 | 17 | ug/Kg | | 10/22/14 19:21 | 10/23/14 02:58 | 1 |
| Bromodichloromethane | ND | | 92 | 18 | ug/Kg | | 10/22/14 19:21 | 10/23/14 02:58 | 1 |
| Bromoform | ND | | 92 | 46 | ug/Kg | | 10/22/14 19:21 | 10/23/14 02:58 | 1 |
| Bromomethane | ND | | 92 | 20 | ug/Kg | | 10/22/14 19:21 | 10/23/14 02:58 | 1 |
| Carbon disulfide | ND | | 92 | 42 | ug/Kg | | 10/22/14 19:21 | 10/23/14 02:58 | 1 |
| Carbon tetrachloride | ND | | 92 | 23 | ug/Kg | | 10/22/14 19:21 | 10/23/14 02:58 | 1 |
| Chlorobenzene | ND | | 92 | 12 | ug/Kg | | 10/22/14 19:21 | 10/23/14 02:58 | 1 |

## Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

**Lab Sample ID: MB 480-209402/2-A**
**Matrix: Solid**
**Analysis Batch: 209408**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 209402**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Dibromochloromethane | ND | | 92 | 44 | ug/Kg | | 10/22/14 19:21 | 10/23/14 02:58 | 1 |
| Chloroethane | ND | | 92 | 19 | ug/Kg | | 10/22/14 19:21 | 10/23/14 02:58 | 1 |
| Chloroform | ND | | 92 | 63 | ug/Kg | | 10/22/14 19:21 | 10/23/14 02:58 | 1 |
| Chloromethane | ND | | 92 | 22 | ug/Kg | | 10/22/14 19:21 | 10/23/14 02:58 | 1 |
| cis-1,2-Dichloroethene | ND | | 92 | 25 | ug/Kg | | 10/22/14 19:21 | 10/23/14 02:58 | 1 |
| cis-1,3-Dichloropropene | ND | | 92 | 22 | ug/Kg | | 10/22/14 19:21 | 10/23/14 02:58 | 1 |
| Cyclohexane | ND | | 92 | 20 | ug/Kg | | 10/22/14 19:21 | 10/23/14 02:58 | 1 |
| Dichlorodifluoromethane | ND | | 92 | 40 | ug/Kg | | 10/22/14 19:21 | 10/23/14 02:58 | 1 |
| Ethylbenzene | ND | | 92 | 27 | ug/Kg | | 10/22/14 19:21 | 10/23/14 02:58 | 1 |
| 1,2-Dibromoethane | ND | | 92 | 16 | ug/Kg | | 10/22/14 19:21 | 10/23/14 02:58 | 1 |
| Isopropylbenzene | ND | | 92 | 14 | ug/Kg | | 10/22/14 19:21 | 10/23/14 02:58 | 1 |
| Methyl acetate | ND | | 92 | 44 | ug/Kg | | 10/22/14 19:21 | 10/23/14 02:58 | 1 |
| Methyl tert-butyl ether | ND | | 92 | 35 | ug/Kg | | 10/22/14 19:21 | 10/23/14 02:58 | 1 |
| Methylcyclohexane | ND | | 92 | 43 | ug/Kg | | 10/22/14 19:21 | 10/23/14 02:58 | 1 |
| Methylene Chloride | ND | | 92 | 18 | ug/Kg | | 10/22/14 19:21 | 10/23/14 02:58 | 1 |
| Styrene | ND | | 92 | 22 | ug/Kg | | 10/22/14 19:21 | 10/23/14 02:58 | 1 |
| Tetrachloroethene | ND | | 92 | 12 | ug/Kg | | 10/22/14 19:21 | 10/23/14 02:58 | 1 |
| Toluene | ND | | 92 | 25 | ug/Kg | | 10/22/14 19:21 | 10/23/14 02:58 | 1 |
| trans-1,2-Dichloroethene | ND | | 92 | 22 | ug/Kg | | 10/22/14 19:21 | 10/23/14 02:58 | 1 |
| trans-1,3-Dichloropropene | ND | | 92 | 9.0 | ug/Kg | | 10/22/14 19:21 | 10/23/14 02:58 | 1 |
| Trichloroethene | ND | | 92 | 26 | ug/Kg | | 10/22/14 19:21 | 10/23/14 02:58 | 1 |
| Trichlorofluoromethane | ND | | 92 | 43 | ug/Kg | | 10/22/14 19:21 | 10/23/14 02:58 | 1 |
| Vinyl chloride | ND | | 92 | 31 | ug/Kg | | 10/22/14 19:21 | 10/23/14 02:58 | 1 |
| Xylenes, Total | ND | | 180 | 15 | ug/Kg | | 10/22/14 19:21 | 10/23/14 02:58 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Toluene-d8 (Surr)* | *99* | | *50 - 149* | *10/22/14 19:21* | *10/23/14 02:58* | *1* |
| *1,2-Dichloroethane-d4 (Surr)* | *102* | | *53 - 146* | *10/22/14 19:21* | *10/23/14 02:58* | *1* |
| *4-Bromofluorobenzene (Surr)* | *90* | | *49 - 148* | *10/22/14 19:21* | *10/23/14 02:58* | *1* |
| *Dibromofluoromethane (Surr)* | *91* | | *60 - 140* | *10/22/14 19:21* | *10/23/14 02:58* | *1* |

**Lab Sample ID: LCS 480-209402/1-A**
**Matrix: Solid**
**Analysis Batch: 209408**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 209402**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethane | 1290 | 1280 | | ug/Kg | | 99 | 78 - 121 |
| 1,1-Dichloroethene | 1290 | 1220 | | ug/Kg | | 94 | 48 - 133 |
| 1,2-Dichlorobenzene | 1290 | 1330 | | ug/Kg | | 103 | 78 - 125 |
| 1,2-Dichloroethane | 1290 | 1300 | | ug/Kg | | 101 | 74 - 127 |
| Benzene | 1290 | 1370 | | ug/Kg | | 106 | 77 - 125 |
| Chlorobenzene | 1290 | 1330 | | ug/Kg | | 103 | 76 - 126 |
| cis-1,2-Dichloroethene | 1290 | 1360 | | ug/Kg | | 106 | 79 - 124 |
| Ethylbenzene | 1290 | 1310 | | ug/Kg | | 101 | 78 - 124 |
| Methyl tert-butyl ether | 1290 | 1290 | | ug/Kg | | 100 | 67 - 137 |
| Tetrachloroethene | 1290 | 1250 | | ug/Kg | | 97 | 73 - 133 |
| Toluene | 1290 | 1330 | | ug/Kg | | 103 | 75 - 124 |
| trans-1,2-Dichloroethene | 1290 | 1290 | | ug/Kg | | 100 | 74 - 129 |

## Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

**Lab Sample ID: LCS 480-209402/1-A**
**Matrix: Solid**
**Analysis Batch: 209408**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 209402**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Trichloroethene | | | 1290 | 1310 | | ug/Kg | | 101 | 75 - 131 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *Toluene-d8 (Surr)* | *100* | | *50 - 149* |
| *1,2-Dichloroethane-d4 (Surr)* | *100* | | *53 - 146* |
| *4-Bromofluorobenzene (Surr)* | *94* | | *49 - 148* |
| *Dibromofluoromethane (Surr)* | *97* | | *60 - 140* |

## GC/MS VOA

### Prep Batch: 208249

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 480-69271-2 | SB-1 (2-4) | Total/NA | Solid | 5035A | |
| 480-69271-3 | SB-1 (4-6) | Total/NA | Solid | 5035A | |
| 480-69271-3 MS | SB-1 (4-6) | Total/NA | Solid | 5035A | |
| 480-69271-3 MSD | SB-1 (4-6) | Total/NA | Solid | 5035A | |
| 480-69271-4 | SB-1 (6-8) | Total/NA | Solid | 5035A | |
| 480-69271-5 | SB-1 (8-9) | Total/NA | Solid | 5035A | |
| 480-69271-6 | SB-2 (0-2) | Total/NA | Solid | 5035A | |
| 480-69271-7 | SB-2 (2-4) | Total/NA | Solid | 5035A | |
| 480-69271-8 | SB-2 (4-6) | Total/NA | Solid | 5035A | |
| 480-69271-9 | SB-2 (8-9) | Total/NA | Solid | 5035A | |
| 480-69271-10 | SB-2 (10-12) | Total/NA | Solid | 5035A | |
| 480-69271-11 | SB-3 (0-2) | Total/NA | Solid | 5035A | |
| 480-69271-12 | SB-3 (2-4) | Total/NA | Solid | 5035A | |
| 480-69271-13 | SB-3 (4-6) | Total/NA | Solid | 5035A | |
| 480-69271-14 | SB-3 (6-8) | Total/NA | Solid | 5035A | |
| 480-69271-15 | SB-4 (1-3) | Total/NA | Solid | 5035A | |
| 480-69271-16 | SB-4 (3-5) | Total/NA | Solid | 5035A | |
| 480-69271-17 | SB-4 (5-7) | Total/NA | Solid | 5035A | |
| 480-69271-18 | SB-4 (7-9) | Total/NA | Solid | 5035A | |
| 480-69271-20 | SB-5 (3-5) | Total/NA | Solid | 5035A | |
| 480-69271-21 | SB-5 (5-7) | Total/NA | Solid | 5035A | |
| 480-69271-22 | SB-5 (7-9) | Total/NA | Solid | 5035A | |
| 480-69271-22 MS | SB-5 (7-9) | Total/NA | Solid | 5035A | |
| 480-69271-22 MSD | SB-5 (7-9) | Total/NA | Solid | 5035A | |
| 480-69271-23 | SB-6 (1-3) | Total/NA | Solid | 5035A | |
| 480-69271-24 | SB-6 (3-5) | Total/NA | Solid | 5035A | |
| 480-69271-25 | SB-6 (5-7) | Total/NA | Solid | 5035A | |
| 480-69271-26 | SB-6 (7-9) | Total/NA | Solid | 5035A | |
| 480-69271-28 | SB-8 (3-5) | Total/NA | Solid | 5035A | |
| 480-69271-29 | SB-8 (5-7) | Total/NA | Solid | 5035A | |
| 480-69271-30 | SB-8 (7-8) | Total/NA | Solid | 5035A | |
| 480-69271-32 | SB-9 (2-4) | Total/NA | Solid | 5035A | |
| 480-69271-33 | SB-9 (4-6) | Total/NA | Solid | 5035A | |
| 480-69271-34 | SB-9 (6-8) | Total/NA | Solid | 5035A | |
| 480-69271-35 | SB-9 (8-9) | Total/NA | Solid | 5035A | |
| 480-69271-37 | SB-2 (6-8) | Total/NA | Solid | 5035A | |

### Analysis Batch: 208269

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 480-69271-2 | SB-1 (2-4) | Total/NA | Solid | 8260C | 208249 |
| 480-69271-3 | SB-1 (4-6) | Total/NA | Solid | 8260C | 208249 |
| 480-69271-4 | SB-1 (6-8) | Total/NA | Solid | 8260C | 208249 |
| LCS 480-208269/5 | Lab Control Sample | Total/NA | Solid | 8260C | |
| MB 480-208269/7 | Method Blank | Total/NA | Solid | 8260C | |

### Analysis Batch: 208371

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 480-69271-1 | SB-1 (0-2) | Total/NA | Solid | 8260C | 208447 |
| 480-69271-5 | SB-1 (8-9) | Total/NA | Solid | 8260C | 208249 |
| 480-69271-6 | SB-2 (0-2) | Total/NA | Solid | 8260C | 208249 |
| 480-69271-7 | SB-2 (2-4) | Total/NA | Solid | 8260C | 208249 |

## GC/MS VOA (Continued)

### Analysis Batch: 208371 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 480-69271-8 | SB-2 (4-6) | Total/NA | Solid | 8260C | 208249 |
| 480-69271-9 | SB-2 (8-9) | Total/NA | Solid | 8260C | 208249 |
| 480-69271-10 | SB-2 (10-12) | Total/NA | Solid | 8260C | 208249 |
| 480-69271-11 | SB-3 (0-2) | Total/NA | Solid | 8260C | 208249 |
| 480-69271-12 | SB-3 (2-4) | Total/NA | Solid | 8260C | 208249 |
| 480-69271-13 | SB-3 (4-6) | Total/NA | Solid | 8260C | 208249 |
| 480-69271-14 | SB-3 (6-8) | Total/NA | Solid | 8260C | 208249 |
| 480-69271-15 | SB-4 (1-3) | Total/NA | Solid | 8260C | 208249 |
| LCS 480-208371/5 | Lab Control Sample | Total/NA | Solid | 8260C | |
| MB 480-208371/7 | Method Blank | Total/NA | Solid | 8260C | |

### Prep Batch: 208447

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 480-69271-1 | SB-1 (0-2) | Total/NA | Solid | 5035A | |

### Analysis Batch: 208542

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 480-69271-16 | SB-4 (3-5) | Total/NA | Solid | 8260C | 208249 |
| 480-69271-17 | SB-4 (5-7) | Total/NA | Solid | 8260C | 208249 |
| 480-69271-18 | SB-4 (7-9) | Total/NA | Solid | 8260C | 208249 |
| LCS 480-208542/4 | Lab Control Sample | Total/NA | Solid | 8260C | |
| MB 480-208542/6 | Method Blank | Total/NA | Solid | 8260C | |

### Analysis Batch: 208663

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 480-69271-3 MS | SB-1 (4-6) | Total/NA | Solid | 8260C | 208249 |
| 480-69271-3 MSD | SB-1 (4-6) | Total/NA | Solid | 8260C | 208249 |
| 480-69271-19 | SB-5 (1-3) | Total/NA | Solid | 8260C | 208667 |
| 480-69271-20 | SB-5 (3-5) | Total/NA | Solid | 8260C | 208249 |
| 480-69271-21 | SB-5 (5-7) | Total/NA | Solid | 8260C | 208249 |
| 480-69271-22 | SB-5 (7-9) | Total/NA | Solid | 8260C | 208249 |
| 480-69271-22 MS | SB-5 (7-9) | Total/NA | Solid | 8260C | 208249 |
| 480-69271-22 MSD | SB-5 (7-9) | Total/NA | Solid | 8260C | 208249 |
| 480-69271-23 | SB-6 (1-3) | Total/NA | Solid | 8260C | 208249 |
| 480-69271-24 | SB-6 (3-5) | Total/NA | Solid | 8260C | 208249 |
| 480-69271-25 | SB-6 (5-7) | Total/NA | Solid | 8260C | 208249 |
| 480-69271-26 | SB-6 (7-9) | Total/NA | Solid | 8260C | 208249 |
| 480-69271-28 | SB-8 (3-5) | Total/NA | Solid | 8260C | 208249 |
| 480-69271-29 | SB-8 (5-7) | Total/NA | Solid | 8260C | 208249 |
| 480-69271-30 | SB-8 (7-8) | Total/NA | Solid | 8260C | 208249 |
| 480-69271-32 | SB-9 (2-4) | Total/NA | Solid | 8260C | 208249 |
| 480-69271-33 | SB-9 (4-6) | Total/NA | Solid | 8260C | 208249 |
| 480-69271-34 | SB-9 (6-8) | Total/NA | Solid | 8260C | 208249 |
| LCS 480-208663/6 | Lab Control Sample | Total/NA | Solid | 8260C | |
| MB 480-208663/8 | Method Blank | Total/NA | Solid | 8260C | |

### Prep Batch: 208667

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 480-69271-19 | SB-5 (1-3) | Total/NA | Solid | 5035A | |

## GC/MS VOA (Continued)

### Analysis Batch: 208712

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 480-69271-27 | SB-8 (1-3) | Total/NA | Solid | 8260C | 208772 |
| 480-69271-31 | SB-9 (0-2) | Total/NA | Solid | 8260C | 208772 |
| 480-69271-35 | SB-9 (8-9) | Total/NA | Solid | 8260C | 208249 |
| 480-69271-37 | SB-2 (6-8) | Total/NA | Solid | 8260C | 208249 |
| LCS 480-208712/5 | Lab Control Sample | Total/NA | Solid | 8260C | |
| MB 480-208712/7 | Method Blank | Total/NA | Solid | 8260C | |

### Prep Batch: 208772

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 480-69271-27 | SB-8 (1-3) | Total/NA | Solid | 5035A | |
| 480-69271-31 | SB-9 (0-2) | Total/NA | Solid | 5035A | |

### Analysis Batch: 208905

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 480-69271-36 | SB-9 (10-12) | Total/NA | Solid | 8260C | 208922 |
| LCS 480-208905/5 | Lab Control Sample | Total/NA | Solid | 8260C | |
| MB 480-208905/7 | Method Blank | Total/NA | Solid | 8260C | |

### Prep Batch: 208922

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 480-69271-36 | SB-9 (10-12) | Total/NA | Solid | 5035A | |

### Prep Batch: 209402

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 480-69271-20 - DL | SB-5 (3-5) | Total/NA | Solid | 5035A | |
| LCS 480-209402/1-A | Lab Control Sample | Total/NA | Solid | 5035A | |
| MB 480-209402/2-A | Method Blank | Total/NA | Solid | 5035A | |

### Analysis Batch: 209408

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 480-69271-20 - DL | SB-5 (3-5) | Total/NA | Solid | 8260C | 209402 |
| LCS 480-209402/1-A | Lab Control Sample | Total/NA | Solid | 8260C | 209402 |
| MB 480-209402/2-A | Method Blank | Total/NA | Solid | 8260C | 209402 |

## General Chemistry

### Analysis Batch: 208295

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 480-69271-1 | SB-1 (0-2) | Total/NA | Solid | Moisture | |
| 480-69271-2 | SB-1 (2-4) | Total/NA | Solid | Moisture | |
| 480-69271-3 | SB-1 (4-6) | Total/NA | Solid | Moisture | |
| 480-69271-3 MS | SB-1 (4-6) | Total/NA | Solid | Moisture | |
| 480-69271-3 MSD | SB-1 (4-6) | Total/NA | Solid | Moisture | |
| 480-69271-4 | SB-1 (6-8) | Total/NA | Solid | Moisture | |
| 480-69271-5 | SB-1 (8-9) | Total/NA | Solid | Moisture | |
| 480-69271-6 | SB-2 (0-2) | Total/NA | Solid | Moisture | |
| 480-69271-7 | SB-2 (2-4) | Total/NA | Solid | Moisture | |
| 480-69271-8 | SB-2 (4-6) | Total/NA | Solid | Moisture | |
| 480-69271-9 | SB-2 (8-9) | Total/NA | Solid | Moisture | |
| 480-69271-10 | SB-2 (10-12) | Total/NA | Solid | Moisture | |

## General Chemistry (Continued)

### Analysis Batch: 208295 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 480-69271-11 | SB-3 (0-2) | Total/NA | Solid | Moisture | |
| 480-69271-12 | SB-3 (2-4) | Total/NA | Solid | Moisture | |
| 480-69271-13 | SB-3 (4-6) | Total/NA | Solid | Moisture | |
| 480-69271-14 | SB-3 (6-8) | Total/NA | Solid | Moisture | |
| 480-69271-15 | SB-4 (1-3) | Total/NA | Solid | Moisture | |
| 480-69271-16 | SB-4 (3-5) | Total/NA | Solid | Moisture | |
| 480-69271-17 | SB-4 (5-7) | Total/NA | Solid | Moisture | |
| 480-69271-18 | SB-4 (7-9) | Total/NA | Solid | Moisture | |
| 480-69271-19 | SB-5 (1-3) | Total/NA | Solid | Moisture | |
| 480-69271-20 | SB-5 (3-5) | Total/NA | Solid | Moisture | |
| 480-69271-21 | SB-5 (5-7) | Total/NA | Solid | Moisture | |
| 480-69271-22 | SB-5 (7-9) | Total/NA | Solid | Moisture | |
| 480-69271-22 MS | SB-5 (7-9) | Total/NA | Solid | Moisture | |
| 480-69271-22 MSD | SB-5 (7-9) | Total/NA | Solid | Moisture | |
| 480-69271-23 | SB-6 (1-3) | Total/NA | Solid | Moisture | |
| 480-69271-24 | SB-6 (3-5) | Total/NA | Solid | Moisture | |
| 480-69271-25 | SB-6 (5-7) | Total/NA | Solid | Moisture | |
| 480-69271-26 | SB-6 (7-9) | Total/NA | Solid | Moisture | |
| 480-69271-27 | SB-8 (1-3) | Total/NA | Solid | Moisture | |
| 480-69271-28 | SB-8 (3-5) | Total/NA | Solid | Moisture | |
| 480-69271-29 | SB-8 (5-7) | Total/NA | Solid | Moisture | |
| 480-69271-30 | SB-8 (7-8) | Total/NA | Solid | Moisture | |
| 480-69271-31 | SB-9 (0-2) | Total/NA | Solid | Moisture | |
| 480-69271-32 | SB-9 (2-4) | Total/NA | Solid | Moisture | |
| 480-69271-33 | SB-9 (4-6) | Total/NA | Solid | Moisture | |
| 480-69271-34 | SB-9 (6-8) | Total/NA | Solid | Moisture | |
| 480-69271-35 | SB-9 (8-9) | Total/NA | Solid | Moisture | |
| 480-69271-36 | SB-9 (10-12) | Total/NA | Solid | Moisture | |
| 480-69271-37 | SB-2 (6-8) | Total/NA | Solid | Moisture | |

## Client Sample ID: SB-1 (0-2)

**Lab Sample ID: 480-69271-1**

**Date Collected: 10/14/14 10:45**

**Matrix: Solid**

**Date Received: 10/15/14 01:30**

**Percent Solids: 84.1**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035A | | | 208447 | 10/17/14 12:42 | NMD1 | TAL BUF |
| Total/NA | Analysis | 8260C | | 1 | 208371 | 10/17/14 13:10 | CDC | TAL BUF |
| Total/NA | Analysis | Moisture | | 1 | 208295 | 10/17/14 03:22 | CDC | TAL BUF |

## Client Sample ID: SB-1 (2-4)

**Lab Sample ID: 480-69271-2**

**Date Collected: 10/14/14 10:55**

**Matrix: Solid**

**Date Received: 10/15/14 01:30**

**Percent Solids: 88.5**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035A | | | 208249 | 10/16/14 18:11 | NMD1 | TAL BUF |
| Total/NA | Analysis | 8260C | | 1 | 208269 | 10/17/14 07:54 | NMD1 | TAL BUF |
| Total/NA | Analysis | Moisture | | 1 | 208295 | 10/17/14 03:22 | CDC | TAL BUF |

## Client Sample ID: SB-1 (4-6)

**Lab Sample ID: 480-69271-3**

**Date Collected: 10/14/14 11:05**

**Matrix: Solid**

**Date Received: 10/15/14 01:30**

**Percent Solids: 90.4**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035A | | | 208249 | 10/16/14 18:11 | NMD1 | TAL BUF |
| Total/NA | Analysis | 8260C | | 1 | 208269 | 10/17/14 08:20 | NMD1 | TAL BUF |
| Total/NA | Analysis | Moisture | | 1 | 208295 | 10/17/14 03:22 | CDC | TAL BUF |

## Client Sample ID: SB-1 (6-8)

**Lab Sample ID: 480-69271-4**

**Date Collected: 10/14/14 11:25**

**Matrix: Solid**

**Date Received: 10/15/14 01:30**

**Percent Solids: 91.0**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035A | | | 208249 | 10/16/14 18:11 | NMD1 | TAL BUF |
| Total/NA | Analysis | 8260C | | 1 | 208269 | 10/17/14 08:45 | NMD1 | TAL BUF |
| Total/NA | Analysis | Moisture | | 1 | 208295 | 10/17/14 03:22 | CDC | TAL BUF |

## Client Sample ID: SB-1 (8-9)

**Lab Sample ID: 480-69271-5**

**Date Collected: 10/14/14 11:35**

**Matrix: Solid**

**Date Received: 10/15/14 01:30**

**Percent Solids: 91.0**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035A | | | 208249 | 10/16/14 18:11 | NMD1 | TAL BUF |
| Total/NA | Analysis | 8260C | | 1 | 208371 | 10/17/14 13:36 | CDC | TAL BUF |
| Total/NA | Analysis | Moisture | | 1 | 208295 | 10/17/14 03:22 | CDC | TAL BUF |

# Lab Chronicle

Client: URS Corporation
Project/Site: Walgreens Site (Kingston, NY)

TestAmerica Job ID: 480-69271-1

## Client Sample ID: SB-2 (0-2)

**Lab Sample ID: 480-69271-6**

**Date Collected: 10/14/14 08:50**
**Matrix: Solid**
**Date Received: 10/15/14 01:30**
**Percent Solids: 90.9**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035A | | | 208249 | 10/16/14 18:11 | NMD1 | TAL BUF |
| Total/NA | Analysis | 8260C | | 1 | 208371 | 10/17/14 14:02 | CDC | TAL BUF |
| Total/NA | Analysis | Moisture | | 1 | 208295 | 10/17/14 03:22 | CDC | TAL BUF |

## Client Sample ID: SB-2 (2-4)

**Lab Sample ID: 480-69271-7**

**Date Collected: 10/14/14 08:55**
**Matrix: Solid**
**Date Received: 10/15/14 01:30**
**Percent Solids: 88.3**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035A | | | 208249 | 10/16/14 18:11 | NMD1 | TAL BUF |
| Total/NA | Analysis | 8260C | | 1 | 208371 | 10/17/14 14:28 | CDC | TAL BUF |
| Total/NA | Analysis | Moisture | | 1 | 208295 | 10/17/14 03:22 | CDC | TAL BUF |

## Client Sample ID: SB-2 (4-6)

**Lab Sample ID: 480-69271-8**

**Date Collected: 10/14/14 09:00**
**Matrix: Solid**
**Date Received: 10/15/14 01:30**
**Percent Solids: 92.6**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035A | | | 208249 | 10/16/14 18:11 | NMD1 | TAL BUF |
| Total/NA | Analysis | 8260C | | 1 | 208371 | 10/17/14 14:54 | CDC | TAL BUF |
| Total/NA | Analysis | Moisture | | 1 | 208295 | 10/17/14 03:22 | CDC | TAL BUF |

## Client Sample ID: SB-2 (8-9)

**Lab Sample ID: 480-69271-9**

**Date Collected: 10/14/14 09:15**
**Matrix: Solid**
**Date Received: 10/15/14 01:30**
**Percent Solids: 94.9**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035A | | | 208249 | 10/16/14 18:11 | NMD1 | TAL BUF |
| Total/NA | Analysis | 8260C | | 1 | 208371 | 10/17/14 15:20 | CDC | TAL BUF |
| Total/NA | Analysis | Moisture | | 1 | 208295 | 10/17/14 03:22 | CDC | TAL BUF |

## Client Sample ID: SB-2 (10-12)

**Lab Sample ID: 480-69271-10**

**Date Collected: 10/14/14 11:30**
**Matrix: Solid**
**Date Received: 10/15/14 01:30**
**Percent Solids: 90.5**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035A | | | 208249 | 10/16/14 18:11 | NMD1 | TAL BUF |
| Total/NA | Analysis | 8260C | | 1 | 208371 | 10/17/14 15:45 | CDC | TAL BUF |
| Total/NA | Analysis | Moisture | | 1 | 208295 | 10/17/14 03:22 | CDC | TAL BUF |

# Lab Chronicle

Client: URS Corporation
Project/Site: Walgreens Site (Kingston, NY)

TestAmerica Job ID: 480-69271-1

## Client Sample ID: SB-3 (0-2)

**Lab Sample ID: 480-69271-11**

**Date Collected: 10/14/14 10:00**
**Matrix: Solid**
**Date Received: 10/15/14 01:30**
**Percent Solids: 90.1**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035A | | | 208249 | 10/16/14 18:11 | NMD1 | TAL BUF |
| Total/NA | Analysis | 8260C | | 1 | 208371 | 10/17/14 16:11 | CDC | TAL BUF |
| Total/NA | Analysis | Moisture | | 1 | 208295 | 10/17/14 03:22 | CDC | TAL BUF |

## Client Sample ID: SB-3 (2-4)

**Lab Sample ID: 480-69271-12**

**Date Collected: 10/14/14 10:10**
**Matrix: Solid**
**Date Received: 10/15/14 01:30**
**Percent Solids: 90.4**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035A | | | 208249 | 10/16/14 18:11 | NMD1 | TAL BUF |
| Total/NA | Analysis | 8260C | | 1 | 208371 | 10/17/14 16:36 | CDC | TAL BUF |
| Total/NA | Analysis | Moisture | | 1 | 208295 | 10/17/14 03:22 | CDC | TAL BUF |

## Client Sample ID: SB-3 (4-6)

**Lab Sample ID: 480-69271-13**

**Date Collected: 10/14/14 10:20**
**Matrix: Solid**
**Date Received: 10/15/14 01:30**
**Percent Solids: 81.1**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035A | | | 208249 | 10/16/14 18:11 | NMD1 | TAL BUF |
| Total/NA | Analysis | 8260C | | 1 | 208371 | 10/17/14 17:02 | CDC | TAL BUF |
| Total/NA | Analysis | Moisture | | 1 | 208295 | 10/17/14 03:22 | CDC | TAL BUF |

## Client Sample ID: SB-3 (6-8)

**Lab Sample ID: 480-69271-14**

**Date Collected: 10/14/14 10:30**
**Matrix: Solid**
**Date Received: 10/15/14 01:30**
**Percent Solids: 90.4**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035A | | | 208249 | 10/16/14 18:11 | NMD1 | TAL BUF |
| Total/NA | Analysis | 8260C | | 1 | 208371 | 10/17/14 17:28 | CDC | TAL BUF |
| Total/NA | Analysis | Moisture | | 1 | 208295 | 10/17/14 03:22 | CDC | TAL BUF |

## Client Sample ID: SB-4 (1-3)

**Lab Sample ID: 480-69271-15**

**Date Collected: 10/14/14 11:40**
**Matrix: Solid**
**Date Received: 10/15/14 01:30**
**Percent Solids: 92.0**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035A | | | 208249 | 10/16/14 18:11 | NMD1 | TAL BUF |
| Total/NA | Analysis | 8260C | | 1 | 208371 | 10/17/14 17:54 | CDC | TAL BUF |
| Total/NA | Analysis | Moisture | | 1 | 208295 | 10/17/14 03:22 | CDC | TAL BUF |

## Client Sample ID: SB-4 (3-5)

**Lab Sample ID: 480-69271-16**

**Date Collected: 10/14/14 11:45**

**Matrix: Solid**

**Date Received: 10/15/14 01:30**

**Percent Solids: 90.9**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035A | | | 208249 | 10/16/14 18:11 | NMD1 | TAL BUF |
| Total/NA | Analysis | 8260C | | 1 | 208542 | 10/18/14 00:06 | NMD1 | TAL BUF |
| Total/NA | Analysis | Moisture | | 1 | 208295 | 10/17/14 03:22 | CDC | TAL BUF |

## Client Sample ID: SB-4 (5-7)

**Lab Sample ID: 480-69271-17**

**Date Collected: 10/14/14 11:55**

**Matrix: Solid**

**Date Received: 10/15/14 01:30**

**Percent Solids: 92.1**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035A | | | 208249 | 10/16/14 18:11 | NMD1 | TAL BUF |
| Total/NA | Analysis | 8260C | | 1 | 208542 | 10/18/14 00:32 | NMD1 | TAL BUF |
| Total/NA | Analysis | Moisture | | 1 | 208295 | 10/17/14 03:22 | CDC | TAL BUF |

## Client Sample ID: SB-4 (7-9)

**Lab Sample ID: 480-69271-18**

**Date Collected: 10/14/14 12:05**

**Matrix: Solid**

**Date Received: 10/15/14 01:30**

**Percent Solids: 93.3**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035A | | | 208249 | 10/16/14 18:11 | NMD1 | TAL BUF |
| Total/NA | Analysis | 8260C | | 1 | 208542 | 10/18/14 00:58 | NMD1 | TAL BUF |
| Total/NA | Analysis | Moisture | | 1 | 208295 | 10/17/14 03:22 | CDC | TAL BUF |

## Client Sample ID: SB-5 (1-3)

**Lab Sample ID: 480-69271-19**

**Date Collected: 10/14/14 12:15**

**Matrix: Solid**

**Date Received: 10/15/14 01:30**

**Percent Solids: 91.0**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035A | | | 208667 | 10/19/14 09:31 | NMD1 | TAL BUF |
| Total/NA | Analysis | 8260C | | 1 | 208663 | 10/19/14 11:50 | CDC | TAL BUF |
| Total/NA | Analysis | Moisture | | 1 | 208295 | 10/17/14 03:22 | CDC | TAL BUF |

## Client Sample ID: SB-5 (3-5)

**Lab Sample ID: 480-69271-20**

**Date Collected: 10/14/14 12:35**

**Matrix: Solid**

**Date Received: 10/15/14 01:30**

**Percent Solids: 88.2**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035A | | | 208249 | 10/16/14 18:11 | NMD1 | TAL BUF |
| Total/NA | Analysis | 8260C | | 1 | 208663 | 10/19/14 12:16 | CDC | TAL BUF |
| Total/NA | Prep | 5035A | DL | | 209402 | 10/22/14 19:21 | CXM | TAL BUF |
| Total/NA | Analysis | 8260C | DL | 1 | 209408 | 10/23/14 04:04 | EDB | TAL BUF |
| Total/NA | Analysis | Moisture | | 1 | 208295 | 10/17/14 03:22 | CDC | TAL BUF |

## Client Sample ID: SB-5 (5-7)

**Lab Sample ID: 480-69271-21**

**Date Collected: 10/14/14 12:45**

**Matrix: Solid**

**Date Received: 10/15/14 01:30**

**Percent Solids: 89.8**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035A | | | 208249 | 10/16/14 18:11 | NMD1 | TAL BUF |
| Total/NA | Analysis | 8260C | | 1 | 208663 | 10/19/14 12:42 | CDC | TAL BUF |
| Total/NA | Analysis | Moisture | | 1 | 208295 | 10/17/14 03:22 | CDC | TAL BUF |

## Client Sample ID: SB-5 (7-9)

**Lab Sample ID: 480-69271-22**

**Date Collected: 10/14/14 12:55**

**Matrix: Solid**

**Date Received: 10/15/14 01:30**

**Percent Solids: 91.0**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035A | | | 208249 | 10/16/14 18:11 | NMD1 | TAL BUF |
| Total/NA | Analysis | 8260C | | 1 | 208663 | 10/19/14 13:07 | CDC | TAL BUF |
| Total/NA | Analysis | Moisture | | 1 | 208295 | 10/17/14 03:22 | CDC | TAL BUF |

## Client Sample ID: SB-6 (1-3)

**Lab Sample ID: 480-69271-23**

**Date Collected: 10/14/14 14:40**

**Matrix: Solid**

**Date Received: 10/15/14 01:30**

**Percent Solids: 92.7**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035A | | | 208249 | 10/16/14 18:11 | NMD1 | TAL BUF |
| Total/NA | Analysis | 8260C | | 1 | 208663 | 10/19/14 14:24 | CDC | TAL BUF |
| Total/NA | Analysis | Moisture | | 1 | 208295 | 10/17/14 03:22 | CDC | TAL BUF |

## Client Sample ID: SB-6 (3-5)

**Lab Sample ID: 480-69271-24**

**Date Collected: 10/14/14 14:50**

**Matrix: Solid**

**Date Received: 10/15/14 01:30**

**Percent Solids: 96.7**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035A | | | 208249 | 10/16/14 18:11 | NMD1 | TAL BUF |
| Total/NA | Analysis | 8260C | | 1 | 208663 | 10/19/14 14:50 | CDC | TAL BUF |
| Total/NA | Analysis | Moisture | | 1 | 208295 | 10/17/14 03:22 | CDC | TAL BUF |

## Client Sample ID: SB-6 (5-7)

**Lab Sample ID: 480-69271-25**

**Date Collected: 10/14/14 14:55**

**Matrix: Solid**

**Date Received: 10/15/14 01:30**

**Percent Solids: 92.0**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035A | | | 208249 | 10/16/14 18:11 | NMD1 | TAL BUF |
| Total/NA | Analysis | 8260C | | 1 | 208663 | 10/19/14 15:15 | CDC | TAL BUF |
| Total/NA | Analysis | Moisture | | 1 | 208295 | 10/17/14 03:22 | CDC | TAL BUF |

## Client Sample ID: SB-6 (7-9)

**Lab Sample ID: 480-69271-26**

**Date Collected: 10/14/14 15:05**
**Matrix: Solid**
**Date Received: 10/15/14 01:30**
**Percent Solids: 92.3**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035A | | | 208249 | 10/16/14 18:11 | NMD1 | TAL BUF |
| Total/NA | Analysis | 8260C | | 1 | 208663 | 10/19/14 15:41 | CDC | TAL BUF |
| Total/NA | Analysis | Moisture | | 1 | 208295 | 10/17/14 03:22 | CDC | TAL BUF |

## Client Sample ID: SB-8 (1-3)

**Lab Sample ID: 480-69271-27**

**Date Collected: 10/14/14 14:15**
**Matrix: Solid**
**Date Received: 10/15/14 01:30**
**Percent Solids: 92.1**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035A | | | 208772 | 10/20/14 09:07 | NMD1 | TAL BUF |
| Total/NA | Analysis | 8260C | | 1 | 208712 | 10/20/14 10:36 | CDC | TAL BUF |
| Total/NA | Analysis | Moisture | | 1 | 208295 | 10/17/14 03:22 | CDC | TAL BUF |

## Client Sample ID: SB-8 (3-5)

**Lab Sample ID: 480-69271-28**

**Date Collected: 10/14/14 14:20**
**Matrix: Solid**
**Date Received: 10/15/14 01:30**
**Percent Solids: 86.8**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035A | | | 208249 | 10/16/14 18:11 | NMD1 | TAL BUF |
| Total/NA | Analysis | 8260C | | 1 | 208663 | 10/19/14 16:33 | CDC | TAL BUF |
| Total/NA | Analysis | Moisture | | 1 | 208295 | 10/17/14 03:22 | CDC | TAL BUF |

## Client Sample ID: SB-8 (5-7)

**Lab Sample ID: 480-69271-29**

**Date Collected: 10/14/14 14:25**
**Matrix: Solid**
**Date Received: 10/15/14 01:30**
**Percent Solids: 91.7**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035A | | | 208249 | 10/16/14 18:11 | NMD1 | TAL BUF |
| Total/NA | Analysis | 8260C | | 1 | 208663 | 10/19/14 16:58 | CDC | TAL BUF |
| Total/NA | Analysis | Moisture | | 1 | 208295 | 10/17/14 03:22 | CDC | TAL BUF |

## Client Sample ID: SB-8 (7-8)

**Lab Sample ID: 480-69271-30**

**Date Collected: 10/14/14 14:35**
**Matrix: Solid**
**Date Received: 10/15/14 01:30**
**Percent Solids: 93.4**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035A | | | 208249 | 10/16/14 18:11 | NMD1 | TAL BUF |
| Total/NA | Analysis | 8260C | | 1 | 208663 | 10/19/14 17:24 | CDC | TAL BUF |
| Total/NA | Analysis | Moisture | | 1 | 208295 | 10/17/14 03:22 | CDC | TAL BUF |

# Lab Chronicle

Client: URS Corporation
Project/Site: Walgreens Site (Kingston, NY)

TestAmerica Job ID: 480-69271-1

## Client Sample ID: SB-9 (0-2)

**Lab Sample ID: 480-69271-31**

**Date Collected: 10/14/14 13:35**
**Date Received: 10/15/14 01:30**

**Matrix: Solid**
**Percent Solids: 82.7**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035A | | | 208772 | 10/20/14 09:07 | NMD1 | TAL BUF |
| Total/NA | Analysis | 8260C | | 1 | 208712 | 10/20/14 11:01 | CDC | TAL BUF |
| Total/NA | Analysis | Moisture | | 1 | 208295 | 10/17/14 03:22 | CDC | TAL BUF |

## Client Sample ID: SB-9 (2-4)

**Lab Sample ID: 480-69271-32**

**Date Collected: 10/14/14 13:45**
**Date Received: 10/15/14 01:30**

**Matrix: Solid**
**Percent Solids: 85.1**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035A | | | 208249 | 10/16/14 18:11 | NMD1 | TAL BUF |
| Total/NA | Analysis | 8260C | | 1 | 208663 | 10/19/14 18:15 | CDC | TAL BUF |
| Total/NA | Analysis | Moisture | | 1 | 208295 | 10/17/14 03:22 | CDC | TAL BUF |

## Client Sample ID: SB-9 (4-6)

**Lab Sample ID: 480-69271-33**

**Date Collected: 10/14/14 13:55**
**Date Received: 10/15/14 01:30**

**Matrix: Solid**
**Percent Solids: 84.0**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035A | | | 208249 | 10/16/14 18:11 | NMD1 | TAL BUF |
| Total/NA | Analysis | 8260C | | 1 | 208663 | 10/19/14 18:41 | CDC | TAL BUF |
| Total/NA | Analysis | Moisture | | 1 | 208295 | 10/17/14 03:22 | CDC | TAL BUF |

## Client Sample ID: SB-9 (6-8)

**Lab Sample ID: 480-69271-34**

**Date Collected: 10/14/14 14:05**
**Date Received: 10/15/14 01:30**

**Matrix: Solid**
**Percent Solids: 90.2**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035A | | | 208249 | 10/16/14 18:11 | NMD1 | TAL BUF |
| Total/NA | Analysis | 8260C | | 1 | 208663 | 10/19/14 19:06 | CDC | TAL BUF |
| Total/NA | Analysis | Moisture | | 1 | 208295 | 10/17/14 03:22 | CDC | TAL BUF |

## Client Sample ID: SB-9 (8-9)

**Lab Sample ID: 480-69271-35**

**Date Collected: 10/14/14 14:10**
**Date Received: 10/15/14 01:30**

**Matrix: Solid**
**Percent Solids: 92.2**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035A | | | 208249 | 10/16/14 18:11 | NMD1 | TAL BUF |
| Total/NA | Analysis | 8260C | | 1 | 208712 | 10/20/14 11:27 | CDC | TAL BUF |
| Total/NA | Analysis | Moisture | | 1 | 208295 | 10/17/14 03:22 | CDC | TAL BUF |

# Lab Chronicle

Client: URS Corporation
Project/Site: Walgreens Site (Kingston, NY)

TestAmerica Job ID: 480-69271-1

## Client Sample ID: SB-9 (10-12)

**Lab Sample ID: 480-69271-36**

**Date Collected: 10/14/14 14:45**
**Matrix: Solid**
**Date Received: 10/15/14 01:30**
**Percent Solids: 85.1**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035A | | | 208922 | 10/20/14 23:56 | CDC | TAL BUF |
| Total/NA | Analysis | 8260C | | 1 | 208905 | 10/21/14 00:31 | NMD1 | TAL BUF |
| Total/NA | Analysis | Moisture | | 1 | 208295 | 10/17/14 03:22 | CDC | TAL BUF |

## Client Sample ID: SB-2 (6-8)

**Lab Sample ID: 480-69271-37**

**Date Collected: 10/14/14 09:25**
**Matrix: Solid**
**Date Received: 10/15/14 01:30**
**Percent Solids: 92.1**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035A | | | 208249 | 10/16/14 18:11 | NMD1 | TAL BUF |
| Total/NA | Analysis | 8260C | | 1 | 208712 | 10/20/14 12:19 | CDC | TAL BUF |
| Total/NA | Analysis | Moisture | | 1 | 208295 | 10/17/14 03:22 | CDC | TAL BUF |

**Laboratory References:**

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

# Certification Summary

Client: URS Corporation
Project/Site: Walgreens Site (Kingston, NY)

TestAmerica Job ID: 480-69271-1

## Laboratory: TestAmerica Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

| Authority | Program | EPA Region | Certification ID | Expiration Date |
|---|---|---|---|---|
| New York | NELAP | 2 | 10026 | 03-31-15 |

The following analytes are included in this report, but certification is not offered by the governing authority:

| Analysis Method | Prep Method | Matrix | Analyte |
|---|---|---|---|
| Moisture | | Solid | Percent Moisture |
| Moisture | | Solid | Percent Solids |

# Method Summary

Client: URS Corporation
Project/Site: Walgreens Site (Kingston, NY)

TestAmerica Job ID: 480-69271-1

| Method | Method Description | Protocol | Laboratory |
|---|---|---|---|
| 8260C | Volatile Organic Compounds by GC/MS | SW846 | TAL BUF |
| Moisture | Percent Moisture | EPA | TAL BUF |

**Protocol References:**

EPA = US Environmental Protection Agency

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

**Laboratory References:**

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

# Sample Summary

Client: URS Corporation
Project/Site: Walgreens Site (Kingston, NY)

TestAmerica Job ID: 480-69271-1

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received |
|---|---|---|---|---|
| 480-69271-1 | SB-1 (0-2) | Solid | 10/14/14 10:45 | 10/15/14 01:30 |
| 480-69271-2 | SB-1 (2-4) | Solid | 10/14/14 10:55 | 10/15/14 01:30 |
| 480-69271-3 | SB-1 (4-6) | Solid | 10/14/14 11:05 | 10/15/14 01:30 |
| 480-69271-4 | SB-1 (6-8) | Solid | 10/14/14 11:25 | 10/15/14 01:30 |
| 480-69271-5 | SB-1 (8-9) | Solid | 10/14/14 11:35 | 10/15/14 01:30 |
| 480-69271-6 | SB-2 (0-2) | Solid | 10/14/14 08:50 | 10/15/14 01:30 |
| 480-69271-7 | SB-2 (2-4) | Solid | 10/14/14 08:55 | 10/15/14 01:30 |
| 480-69271-8 | SB-2 (4-6) | Solid | 10/14/14 09:00 | 10/15/14 01:30 |
| 480-69271-9 | SB-2 (8-9) | Solid | 10/14/14 09:15 | 10/15/14 01:30 |
| 480-69271-10 | SB-2 (10-12) | Solid | 10/14/14 11:30 | 10/15/14 01:30 |
| 480-69271-11 | SB-3 (0-2) | Solid | 10/14/14 10:00 | 10/15/14 01:30 |
| 480-69271-12 | SB-3 (2-4) | Solid | 10/14/14 10:10 | 10/15/14 01:30 |
| 480-69271-13 | SB-3 (4-6) | Solid | 10/14/14 10:20 | 10/15/14 01:30 |
| 480-69271-14 | SB-3 (6-8) | Solid | 10/14/14 10:30 | 10/15/14 01:30 |
| 480-69271-15 | SB-4 (1-3) | Solid | 10/14/14 11:40 | 10/15/14 01:30 |
| 480-69271-16 | SB-4 (3-5) | Solid | 10/14/14 11:45 | 10/15/14 01:30 |
| 480-69271-17 | SB-4 (5-7) | Solid | 10/14/14 11:55 | 10/15/14 01:30 |
| 480-69271-18 | SB-4 (7-9) | Solid | 10/14/14 12:05 | 10/15/14 01:30 |
| 480-69271-19 | SB-5 (1-3) | Solid | 10/14/14 12:15 | 10/15/14 01:30 |
| 480-69271-20 | SB-5 (3-5) | Solid | 10/14/14 12:35 | 10/15/14 01:30 |
| 480-69271-21 | SB-5 (5-7) | Solid | 10/14/14 12:45 | 10/15/14 01:30 |
| 480-69271-22 | SB-5 (7-9) | Solid | 10/14/14 12:55 | 10/15/14 01:30 |
| 480-69271-23 | SB-6 (1-3) | Solid | 10/14/14 14:40 | 10/15/14 01:30 |
| 480-69271-24 | SB-6 (3-5) | Solid | 10/14/14 14:50 | 10/15/14 01:30 |
| 480-69271-25 | SB-6 (5-7) | Solid | 10/14/14 14:55 | 10/15/14 01:30 |
| 480-69271-26 | SB-6 (7-9) | Solid | 10/14/14 15:05 | 10/15/14 01:30 |
| 480-69271-27 | SB-8 (1-3) | Solid | 10/14/14 14:15 | 10/15/14 01:30 |
| 480-69271-28 | SB-8 (3-5) | Solid | 10/14/14 14:20 | 10/15/14 01:30 |
| 480-69271-29 | SB-8 (5-7) | Solid | 10/14/14 14:25 | 10/15/14 01:30 |
| 480-69271-30 | SB-8 (7-8) | Solid | 10/14/14 14:35 | 10/15/14 01:30 |
| 480-69271-31 | SB-9 (0-2) | Solid | 10/14/14 13:35 | 10/15/14 01:30 |
| 480-69271-32 | SB-9 (2-4) | Solid | 10/14/14 13:45 | 10/15/14 01:30 |
| 480-69271-33 | SB-9 (4-6) | Solid | 10/14/14 13:55 | 10/15/14 01:30 |
| 480-69271-34 | SB-9 (6-8) | Solid | 10/14/14 14:05 | 10/15/14 01:30 |
| 480-69271-35 | SB-9 (8-9) | Solid | 10/14/14 14:10 | 10/15/14 01:30 |
| 480-69271-36 | SB-9 (10-12) | Solid | 10/14/14 14:45 | 10/15/14 01:30 |
| 480-69271-37 | SB-2 (6-8) | Solid | 10/14/14 09:25 | 10/15/14 01:30 |

**TestAmerica Albany**
25 Kraft Road
Albany, NY 12205

# Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

| Client Information | Sampler: M. Kuzia + J King | Lab PM: Deyo, Melissa L | Carrier Tracking No(s): | COC No: 480-56378-14876.1 |
|---|---|---|---|---|
| Client Contact: Michael Kuzia-Carmel | Phone: 518 688 0015 | E-Mail: melissa.deyo@testamericainc.com | | Page: Page 1 of 4 |
| Company: URS Corporation | | | | Job #: 25368188 |

| Address: 3 Corporate Drive, Suite 203 | Due Date Requested: | Analysis Requested |
|---|---|---|
| City: Clifton Park | TAT Requested (days): 14 days | |
| State, Zip: NY, 12065 | | |
| Phone: 518-688-0015(Tel) | PO #: Peter.Fairbanks@urs.com | |
| Email: michael.kuzia-carmel@urs.com | WO #: Vendor# 1427536 | |
| Project Name: Walgreens Site (Kingston, NY) | Project #: 48006310 | |
| Site: | SSOW#: | |

**Preservation Codes:**

| | |
|---|---|
| A - HCL | M - Hexane |
| B - NaOH | N - None |
| C - Zn Acetate | O - AsNaO2 |
| D - Nitric Acid | P - Na2O4S |
| E - NaHSO4 | Q - Na2SO3 |
| F - MeOH | R - Na2S2SO3 |
| G - Amchlor | S - H2SO4 |
| H - Ascorbic Acid | T - TSP Dodecahydrate |
| I - Ice | U - Acetone |
| J - DI Water | V - MCAA |
| K - EDTA | W - ph 4-5 |
| L - EDA | Z - other (specify) |

Other:

| Sample Identification | Sample Date | Sample Time | Sample Type (C=Comp, G=grab) | Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air) | Field Filtered Sample (Yes or No) | Perform MS/MSD (Yes or No) | 8260C - TCL Volatiles | 8260C - TCL Volatiles | Total Number of containers | Special Instructions/Note: |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | Preservation Code: | | | | N | A | | |
| SB-1 (0-2') | 10/14/14 | 1045 | C | Solid | | | X | X | | |
| SB-1 (2-4') | | 1055 | C | Solid | | | | | | |
| SB-1 (4-6') | | 1105 | C | Solid | | | | | | |
| SB-1 (6-8') | | 1125 | C | Solid | | | | | | |
| SB-1 (8-9') | | 1135 | C | Solid | | | | | | |
| SB-2 (0-2') | | 0850 | | Solid | | | | | | |
| SB-2 (2-4') | | 0855 | | Solid | | | | | | |
| SB-2 (4-6') | | 0900 | | Solid | | | | | | |
| SB-2 (8-9') | | 0915 | | Solid | | | | | | |
| SB-2 (10-12') | | 1130 | | Solid | | | | | | |
| SB-3 (0-2') | | 1000 | | Solid | | | | | | |

480-69271 Chain of Custody

**Possible Hazard Identification**
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

**Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month)**
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

| Empty Kit Relinquished by: | Date: | Time: | Method of Shipment: |
|---|---|---|---|

| | Relinquished by: | Date/Time: | Company | Received by: | Date/Time: | Company |
|---|---|---|---|---|---|---|
| 1 | | 10/14 1700 | URS | | 10-14-14 17:00 | TA |
| 2 | | 10-14-14 18:00 | TA | | 10/15/14 0130 | TA |
| 3 | | | | | | |

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 3.1 4.2 2.7 #1

**TestAmerica Albany**
25 Kraft Road
Albany, NY 12205

# Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

| Client Information | Sampler: M. Kuzia & J King | Lab PM: Deyo, Melissa L | Carrier Tracking No(s): | COC No: 480-56378-14876.2 |
|---|---|---|---|---|
| Client Contact: Michael Kuzia-Carmel | Phone: 518 688-0015 | E-Mail: melissa.deyo@testamericainc.com | | Page: Page 2 of 4 |
| Company: URS Corporation | | | | Job #: 25368188 |

| Address: 3 Corporate Drive, Suite 203 | Due Date Requested: | Analysis Requested | Preservation Codes: |
|---|---|---|---|
| City: Clifton Park | TAT Requested (days): 14 day | | A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify) |
| State, Zip: NY, 12065 | | | |
| Phone: 518-688-0015(Tel) | PO #: Peter.Fairbanks@urs.com | | |
| Email: michael.kuzia-carmel@urs.com | WO #: Vendor# 1427536 | | Other: |
| Project Name: Walgreens Site (Kingston, NY) | Project #: 48006310 | | |
| Site: | SSOW#: | | |

| Sample Identification | Sample Date | Sample Time | Sample Type (C=Comp, G=grab) | Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air) | Field Filtered Sample (Yes or No) | Perform MS/MSD (Yes or No) | 8260C - TCL Volatiles N | 8260C - TCL Volatiles A | Total Number of containers | Special Instructions/Note: |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | Preservation Code: | | | | | | | |
| SB-3 (2-4') | 10/14/14 | 1010 | C | Solid | | | X | X | | |
| SB-3 (4-6') | | 1020 | | Solid | | | | | | |
| SB-3 (6-8') | | 1030 | | Solid | | | | | | |
| SB-4 (1-3') | | 1140 | | Solid | | | | | | |
| SB-4 (3-5') | | 1145 | | Solid | | | | | | |
| SB-4 (5-7') | | 1155 | | Solid | | | | | | |
| SB-4 (7-9') | | 1205 | | Solid | | | | | | |
| SB-5 (1-3') | | 1215 | | Solid | | | | | | |
| SB-5 (3-5') | | 1235 | | Solid | | | | | | |
| SB-5 (5-7') | | 1245 | | Solid | | | | | | |
| SB-5 (7-9') | | 1255 | | Solid | | | | | | |

**Possible Hazard Identification**
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

**Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month)**
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

| Empty Kit Relinquished by: | Date: | Time: | Method of Shipment: |
|---|---|---|---|

| Relinquished by: | Date/Time: | Company | Received by: | Date/Time: | Company |
|---|---|---|---|---|---|
| | 10/14 1700 | URS | | 10-14-14 1700 | TA |
| Relinquished by: | Date/Time: | Company | Received by: | Date/Time: | Company |
| | 10-14-14 18:00 | TA | | 10/15/14 0130 | TA |
| Relinquished by: | Date/Time: | Company | Received by: | Date/Time: | Company |

| Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: 3.1 4.2 2.7 #1 |
|---|---|---|

**TestAmerica Albany**
25 Kraft Road
Albany, NY 12205

# Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

| Client Information | Sampler: M Kuzia + JKing | Lab PM: Deyo, Melissa L | Carrier Tracking No(s): | COC No: 480-56378-14876.3 |
|---|---|---|---|---|
| Client Contact: Michael Kuzia-Carmel | Phone: 518 688 0015 | E-Mail: melissa.deyo@testamericainc.com | | Page: Page 3 of 4 |
| Company: URS Corporation | | | | Job #: 6253681588 |

| Address: 3 Corporate Drive, Suite 203 | Due Date Requested: |
|---|---|
| City: Clifton Park | TAT Requested (days): 14 day |
| State, Zip: NY, 12065 | |
| Phone: 518-688-0015(Tel) | PO #: Peter.Fairbanks@urs.com |
| Email: michael.kuzia-carmel@urs.com | WO #: Vendor# 1427536 |
| Project Name: Walgreens Site (Kingston, NY) | Project #: 48006310 |
| Site: | SSOW#: |

**Analysis Requested**

**Preservation Codes:**

| | |
|---|---|
| A - HCL | M - Hexane |
| B - NaOH | N - None |
| C - Zn Acetate | O - AsNaO2 |
| D - Nitric Acid | P - Na2O4S |
| E - NaHSO4 | Q - Na2SO3 |
| F - MeOH | R - Na2S2SO3 |
| G - Amchlor | S - H2SO4 |
| H - Ascorbic Acid | T - TSP Dodecahydrate |
| I - Ice | U - Acetone |
| J - DI Water | V - MCAA |
| K - EDTA | W - ph 4-5 |
| L - EDA | Z - other (specify) |

Other:

| Sample Identification | Sample Date | Sample Time | Sample Type (C=Comp, G=grab) | Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air) | Field Filtered Sample (Yes or No) | Perform MS/MSD (Yes or No) | 8260C - TCL Volatiles | 8260C - TCL Volatiles | Total Number of containers | Special Instructions/Note: |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | Preservation Code: | | | | N | A | | |
| SB-6 (1-3') | 10/14/14 | 1440 | C | Solid | | | X | X | | |
| SB-6 (3-5') | | 1450 | | Solid | | | | | | |
| SB-6 (5-7') | | 1455 | | Solid | | | | | | |
| SB-6 (7-9') | | 1505 | | Solid | | | | | | |
| SB-8 (1-3) | | 1415 | | Solid | | | | | | |
| SB-8 (3-5') | | 1420 | | Solid | | | | | | |
| SB-8 (5-7') | | 1425 | | Solid | | | | | | |
| SB-8 (7-8') | | 1435 | | Solid | | | | | | |
| SB-9 (0-2') | | 1335 | | Solid | | | | | | |
| SB-9 (2-4') | | 1345 | | Solid | | | | | | |
| SB-9 (4-6') | | 1355 | | Solid | | | | | | |

**Possible Hazard Identification**
☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

**Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month)**
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

| Empty Kit Relinquished by: | Date: | Time: | Method of Shipment: |
|---|---|---|---|

| Relinquished by: | Date/Time: 10/14 1700 | Company: URS | Received by: | Date/Time: 10-14-14 17:00 | Company: TA |
|---|---|---|---|---|---|
| Relinquished by: | Date/Time: 10-14-14 18:00 | Company: TA | Received by: Churchow | Date/Time: 10/15/14 0130 | Company: TA |
| Relinquished by: | Date/Time: | Company | Received by: | Date/Time: | Company |

| Custody Seals Intact: ∆ Yes ∆ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: 3.4 4.2 2.7 #1 |
|---|---|---|



10/24/2014

**TestAmerica Albany**
25 Kraft Road
Albany, NY 12205

# Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

| **Client Information** | Sampler: M Kuzia + JKing | Lab PM: Deyo, Melissa L | Carrier Tracking No(s): | COC No: 480-56378-14876.4 |
|---|---|---|---|---|
| Client Contact: Michael Kuzia-Carmel | Phone: 518 6880015 | E-Mail: melissa.deyo@testamericainc.com | | Page: Page 4 of 4 |
| Company: URS Corporation | | | | Job #: |
| Address: 3 Corporate Drive, Suite 203 | Due Date Requested: | | | |
| City: Clifton Park | TAT Requested (days): 14 day | | | |
| State, Zip: NY, 12065 | PO #: Peter.Fairbanks@urs.com | | | |
| Phone: 518-688-0015(Tel) | WO #: Vendor# 1427536 | | | |
| Email: michael.kuzia-carmel@urs.com | Project #: 48006310 | | | |
| Project Name: Walgreens Site (Kingston, NY) | SSOW#: | | | |
| Site: | | | | |

**Analysis Requested**

**Preservation Codes:**

| | |
|---|---|
| A - HCL | M - Hexane |
| B - NaOH | N - None |
| C - Zn Acetate | O - AsNaO2 |
| D - Nitric Acid | P - Na2O4S |
| E - NaHSO4 | Q - Na2SO3 |
| F - MeOH | R - Na2S2SO3 |
| G - Amchlor | S - H2SO4 |
| H - Ascorbic Acid | T - TSP Dodecahydrate |
| I - Ice | U - Acetone |
| J - DI Water | V - MCAA |
| K - EDTA | W - ph 4-5 |
| L - EDA | Z - other (specify) |

Other:

| Sample Identification | Sample Date | Sample Time | Sample Type (C=comp, G=grab) | Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air) | Field Filtered Sample (Yes or No) | Perform MS/MSD (Yes or No) | 8260C - TCL Volatiles N | 8260C - TCL Volatiles A | Total Number of containers | Special Instructions/Note: |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | Preservation Code: | | | | | | | |
| SB-9 (6-8') | 10/14/14 | 1405 | C | Solid | | | X | X | | |
| SB-9 (8-9') | | 1410 | | Solid | | | X | X | | |
| SB-9 (10-12') | | 1445 | | Solid | | | X | X | | |
| MS 10/14/2014 | | 1100 | | Solid | X | | | | | parent = SB-1 (4-6') |
| MSD 10/14/2014 | | 1115 | | Solid | X | | | | | parent = SB-1 (4-6') |
| MS2 10/14/2014 | | 1300 | | Solid | X | | | | | parent = SB-5 (7-9') |
| MSD2 10/14/2014 | | 1305 | | Solid | X | | | | | parent = SB-5 (7-9') |
| | | | | Solid | | | | | | |
| | | | | Solid | | | | | | |
| | | | | Solid | | | | | | |
| | | | | Solid | | | | | | |

10-14-14

| **Possible Hazard Identification** | **Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month)** |
|---|---|
| ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological | ☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months |
| Deliverable Requested: I, II, III, IV, Other (specify) | Special Instructions/QC Requirements: |

| Empty Kit Relinquished by: | Date: | Time: | Method of Shipment: |
|---|---|---|---|

| Relinquished by: | Date/Time: | Company | Received by: | Date/Time: | Company |
|---|---|---|---|---|---|
| | 10/14 1700 | URS | | 10-14-14 17:00 | TA |
| Relinquished by: | Date/Time: | Company | Received by: | Date/Time: | Company |
| | 10-14-14 18:00 | TA | | 10/15/14 0130 | TA |
| Relinquished by: | Date/Time: | Company | Received by: | Date/Time: | Company |

| Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: |
|---|---|---|

# Login Sample Receipt Checklist

Client: URS Corporation

Job Number: 480-69271-1

**Login Number: 69271**

**List Source: TestAmerica Buffalo**

**List Number: 1**

**Creator: Kolb, Chris M**

| Question | Answer | Comment |
|---|---|---|
| Radioactivity either was not measured or, if measured, is at or below background | True | |
| The cooler's custody seal, if present, is intact. | True | |
| The cooler or samples do not appear to have been compromised or tampered with. | True | |
| Samples were received on ice. | True | |
| Cooler Temperature is acceptable. | True | |
| Cooler Temperature is recorded. | True | |
| COC is present. | True | |
| COC is filled out in ink and legible. | True | |
| COC is filled out with all pertinent information. | True | |
| Is the Field Sampler's name present on COC? | True | |
| There are no discrepancies between the sample IDs on the containers and the COC. | False | No: Received extra samples not listed on COC. |
| Samples are received within Holding Time. | True | |
| Sample containers have legible labels. | True | |
| Containers are not broken or leaking. | True | |
| Sample collection date/times are provided. | True | |
| Appropriate sample containers are used. | True | |
| Sample bottles are completely filled. | True | |
| Sample Preservation Verified | True | |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs | True | |
| VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter. | N/A | |
| If necessary, staff have been informed of any short hold time or quick TAT needs | True | |
| Multiphasic samples are not present. | True | |
| Samples do not require splitting or compositing. | True | |
| Sampling Company provided. | True | urs |
| Samples received within 48 hours of sampling. | True | |
| Samples requiring field filtration have been filtered in the field. | True | |
| Chlorine Residual checked. | N/A | |

# APPENDIX C

## Laboratory Analytical Reports, Groundwater – TestAmerica

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

# ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

TestAmerica Job ID: 480-69360-1
Client Project/Site: Walgreens Site (Kingston, NY)

For:
URS Corporation
3 Corporate Drive, Suite 203
Clifton Park, New York 12065

Attn: Ms. Jennifer Gillies

*Authorized for release by:*
*10/27/2014 3:07:32 PM*
Rebecca Jones, Project Management Assistant I
rebecca.jones@testamericainc.com

Designee for

Melissa Deyo, Project Manager I
(716)504-9874
melissa.deyo@testamericainc.com

# Table of Contents

## Qualifiers

### GC/MS VOA

| Qualifier | Qualifier Description |
|---|---|
| J | Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value. |
| * | LCS or LCSD exceeds the control limits |
| 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. |

## Glossary

| Abbreviation | These commonly used abbreviations may or may not be present in this report. |
|---|---|
| ¤ | Listed under the "D" column to designate that the result is reported on a dry weight basis |
| %R | Percent Recovery |
| CFL | Contains Free Liquid |
| CNF | Contains no Free Liquid |
| DER | Duplicate error ratio (normalized absolute difference) |
| Dil Fac | Dilution Factor |
| DL, RA, RE, IN | Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample |
| DLC | Decision level concentration |
| MDA | Minimum detectable activity |
| EDL | Estimated Detection Limit |
| MDC | Minimum detectable concentration |
| MDL | Method Detection Limit |
| ML | Minimum Level (Dioxin) |
| NC | Not Calculated |
| ND | Not detected at the reporting limit (or MDL or EDL if shown) |
| PQL | Practical Quantitation Limit |
| QC | Quality Control |
| RER | Relative error ratio |
| RL | Reporting Limit or Requested Limit (Radiochemistry) |
| RPD | Relative Percent Difference, a measure of the relative difference between two points |
| TEF | Toxicity Equivalent Factor (Dioxin) |
| TEQ | Toxicity Equivalent Quotient (Dioxin) |

# Case Narrative

Client: URS Corporation
Project/Site: Walgreens Site (Kingston, NY)

TestAmerica Job ID: 480-69360-1

## Job ID: 480-69360-1

### Laboratory: TestAmerica Buffalo

**Narrative**

**Job Narrative**
**480-69360-1**

**Comments**
No additional comments.

**Receipt**
The samples were received on 10/16/2014 1:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 3.2º C and 4.6º C.

**GC/MS VOA**
Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 209708 recovered above the upper control limit for Carbon tetrachloride and Chlorodibromomethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: (CCVIS 480-209708/2).

Method(s) 8260C: The laboratory control sample (LCS) for batch 209708 recovered outside control limits for the following analyte: Chlorodibromomethane. This was not a requested spike compound; therefore, the data have been qualified and reported.

Method(s) 8260C: The following sample(s) was diluted to bring the concentration of target analytes within the calibration range: (480-69360-8 MS), (480-69360-8 MSD), B-20 (480-69360-8), SB-1 (480-69360-3), SB-2 (480-69360-1), SB-4 (480-69360-4), SB-5 (480-69360-5), SB-8 (480-69360-7), SB-9 (480-69360-6). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The laboratory control sample (LCS) and/or laboratory control sample duplicate (LCSD) for batch 209783 recovered outside control limits for the following analytes: Carbon Tetrachloride, Chlorodibomomethane, Cis 1,3-Dichloropropane, and Ethylene Dibromoide. These were not requested spike compounds; therefore, the data have been qualified and reported.

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 209783 recovered above the upper control limit for Carbon Tetrachloride, Chlorodibromomethane.The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: (CCVIS 480-209783/2).

Method(s) 8260C: The laboratory control sample (LCS) for batch 209989 recovered outside control limits for the following analytes: Chlorodibromomethane and dichlorodifluoromethane. These were not requested spike compounds; therefore, the data have been qualified and reported.

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 209989 recovered above the upper control limit for Carbon Tetrachloride, Vinyl Chloride Chlorodibromomethane The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: (CCVIS 480-209989/2).

Method(s) 8260C: The following sample(s) were collected in properly preserved vials for analysis of volatile organic compounds (VOCs). However, the pH was outside the required criteria when verified by the laboratory, and corrective action was not possible: SB-7 (480-69360-11).

Method(s) 8260C: The following sample(s) was diluted to bring the concentration of target analytes within the calibration range: (480-69360-5 MS), (480-69360-5 MSD), SB-10 (480-69360-10), SB-5 (480-69360-5), SB-6 (480-69360-9), SB-7 (480-69360-11). Elevated reporting limits (RLs) are provided.

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

# Detection Summary

Client: URS Corporation
Project/Site: Walgreens Site (Kingston, NY)

TestAmerica Job ID: 480-69360-1

## Client Sample ID: SB-2 — Lab Sample ID: 480-69360-1

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Carbon disulfide | 0.25 | J | 1.0 | 0.19 | ug/L | 1 | | 8260C | Total/NA |
| Chloroform | 0.57 | J | 1.0 | 0.34 | ug/L | 1 | | 8260C | Total/NA |
| cis-1,2-Dichloroethene | 3.2 | | 1.0 | 0.81 | ug/L | 1 | | 8260C | Total/NA |
| Trichloroethene | 28 | | 1.0 | 0.46 | ug/L | 1 | | 8260C | Total/NA |
| Tetrachloroethene - DL | 9100 | | 100 | 36 | ug/L | 100 | | 8260C | Total/NA |

## Client Sample ID: SB-3 — Lab Sample ID: 480-69360-2

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Tetrachloroethene | 8.5 | | 1.0 | 0.36 | ug/L | 1 | | 8260C | Total/NA |

## Client Sample ID: SB-1 — Lab Sample ID: 480-69360-3

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Methyl tert-butyl ether | 1.7 | | 1.0 | 0.16 | ug/L | 1 | | 8260C | Total/NA |
| Trichloroethene | 2.5 | | 1.0 | 0.46 | ug/L | 1 | | 8260C | Total/NA |
| Tetrachloroethene - DL | 710 | | 10 | 3.6 | ug/L | 10 | | 8260C | Total/NA |

## Client Sample ID: SB-4 — Lab Sample ID: 480-69360-4

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Methyl tert-butyl ether | 0.97 | J | 1.0 | 0.16 | ug/L | 1 | | 8260C | Total/NA |
| Trichloroethene | 10 | | 1.0 | 0.46 | ug/L | 1 | | 8260C | Total/NA |
| Tetrachloroethene - DL | 660 | | 10 | 3.6 | ug/L | 10 | | 8260C | Total/NA |

## Client Sample ID: SB-5 — Lab Sample ID: 480-69360-5

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| cis-1,2-Dichloroethene | 1.8 | | 1.0 | 0.81 | ug/L | 1 | | 8260C | Total/NA |
| Trichloroethene | 20 | | 1.0 | 0.46 | ug/L | 1 | | 8260C | Total/NA |
| Tetrachloroethene - DL | 4500 | | 80 | 29 | ug/L | 80 | | 8260C | Total/NA |

## Client Sample ID: SB-9 — Lab Sample ID: 480-69360-6

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Trichloroethene | 5.1 | | 1.0 | 0.46 | ug/L | 1 | | 8260C | Total/NA |
| Tetrachloroethene - DL | 1400 | | 20 | 7.2 | ug/L | 20 | | 8260C | Total/NA |

## Client Sample ID: SB-8 — Lab Sample ID: 480-69360-7

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 3.1 | J | 10 | 3.0 | ug/L | 1 | | 8260C | Total/NA |
| Carbon disulfide | 0.59 | J | 1.0 | 0.19 | ug/L | 1 | | 8260C | Total/NA |
| Methyl tert-butyl ether | 0.20 | J | 1.0 | 0.16 | ug/L | 1 | | 8260C | Total/NA |
| Methylcyclohexane | 1.1 | | 1.0 | 0.16 | ug/L | 1 | | 8260C | Total/NA |
| trans-1,2-Dichloroethene | 3.0 | | 1.0 | 0.90 | ug/L | 1 | | 8260C | Total/NA |
| Trichloroethene | 50 | | 1.0 | 0.46 | ug/L | 1 | | 8260C | Total/NA |
| cis-1,2-Dichloroethene - DL | 200 | | 20 | 16 | ug/L | 20 | | 8260C | Total/NA |
| Tetrachloroethene - DL | 1100 | | 20 | 7.2 | ug/L | 20 | | 8260C | Total/NA |

This Detection Summary does not include radiochemical test results.

# Detection Summary

Client: URS Corporation
Project/Site: Walgreens Site (Kingston, NY)

TestAmerica Job ID: 480-69360-1

## Client Sample ID: B-20 — Lab Sample ID: 480-69360-8

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Carbon disulfide | 0.60 | J | 1.0 | 0.19 | ug/L | 1 | | 8260C | Total/NA |
| Methylcyclohexane | 1.3 | | 1.0 | 0.16 | ug/L | 1 | | 8260C | Total/NA |
| trans-1,2-Dichloroethene | 3.0 | | 1.0 | 0.90 | ug/L | 1 | | 8260C | Total/NA |
| Trichloroethene | 53 | | 1.0 | 0.46 | ug/L | 1 | | 8260C | Total/NA |
| cis-1,2-Dichloroethene - DL | 220 | | 20 | 16 | ug/L | 20 | | 8260C | Total/NA |
| Tetrachloroethene - DL | 1000 | | 20 | 7.2 | ug/L | 20 | | 8260C | Total/NA |

## Client Sample ID: SB-6 — Lab Sample ID: 480-69360-9

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Carbon disulfide | 0.31 | J | 1.0 | 0.19 | ug/L | 1 | | 8260C | Total/NA |
| Trichloroethene | 12 | | 1.0 | 0.46 | ug/L | 1 | | 8260C | Total/NA |
| Tetrachloroethene - DL | 3200 | | 50 | 18 | ug/L | 50 | | 8260C | Total/NA |

## Client Sample ID: SB-10 — Lab Sample ID: 480-69360-10

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Carbon disulfide | 0.38 | J | 1.0 | 0.19 | ug/L | 1 | | 8260C | Total/NA |
| Methyl tert-butyl ether | 0.43 | J | 1.0 | 0.16 | ug/L | 1 | | 8260C | Total/NA |
| trans-1,2-Dichloroethene | 2.6 | | 1.0 | 0.90 | ug/L | 1 | | 8260C | Total/NA |
| Trichloroethene | 81 | | 1.0 | 0.46 | ug/L | 1 | | 8260C | Total/NA |
| Vinyl chloride | 3.8 | | 1.0 | 0.90 | ug/L | 1 | | 8260C | Total/NA |
| cis-1,2-Dichloroethene - DL | 160 | | 20 | 16 | ug/L | 20 | | 8260C | Total/NA |
| Tetrachloroethene - DL | 1000 | | 20 | 7.2 | ug/L | 20 | | 8260C | Total/NA |

## Client Sample ID: SB-7 — Lab Sample ID: 480-69360-11

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| cis-1,2-Dichloroethene | 1.1 | | 1.0 | 0.81 | ug/L | 1 | | 8260C | Total/NA |
| Trichloroethene | 11 | | 1.0 | 0.46 | ug/L | 1 | | 8260C | Total/NA |
| Tetrachloroethene - DL | 3200 | | 40 | 14 | ug/L | 40 | | 8260C | Total/NA |

This Detection Summary does not include radiochemical test results.

Client: URS Corporation
Project/Site: Walgreens Site (Kingston, NY)

TestAmerica Job ID: 480-69360-1

**Client Sample ID: SB-2**
**Date Collected: 10/14/14 09:05**
**Date Received: 10/16/14 01:00**

**Lab Sample ID: 480-69360-1**
**Matrix: Water**

**Method: 8260C - Volatile Organic Compounds by GC/MS**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ND | | 1.0 | 0.82 | ug/L | | | 10/24/14 02:01 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.0 | 0.21 | ug/L | | | 10/24/14 02:01 | 1 |
| 1,1,2-Trichloroethane | ND | | 1.0 | 0.23 | ug/L | | | 10/24/14 02:01 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 1.0 | 0.31 | ug/L | | | 10/24/14 02:01 | 1 |
| 1,1-Dichloroethane | ND | | 1.0 | 0.38 | ug/L | | | 10/24/14 02:01 | 1 |
| 1,1-Dichloroethene | ND | | 1.0 | 0.29 | ug/L | | | 10/24/14 02:01 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.0 | 0.41 | ug/L | | | 10/24/14 02:01 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 1.0 | 0.39 | ug/L | | | 10/24/14 02:01 | 1 |
| 1,2-Dibromoethane | ND | | 1.0 | 0.73 | ug/L | | | 10/24/14 02:01 | 1 |
| 1,2-Dichlorobenzene | ND | | 1.0 | 0.79 | ug/L | | | 10/24/14 02:01 | 1 |
| 1,2-Dichloroethane | ND | | 1.0 | 0.21 | ug/L | | | 10/24/14 02:01 | 1 |
| 1,2-Dichloropropane | ND | | 1.0 | 0.72 | ug/L | | | 10/24/14 02:01 | 1 |
| 1,3-Dichlorobenzene | ND | | 1.0 | 0.78 | ug/L | | | 10/24/14 02:01 | 1 |
| 1,4-Dichlorobenzene | ND | | 1.0 | 0.84 | ug/L | | | 10/24/14 02:01 | 1 |
| 2-Hexanone | ND | | 5.0 | 1.2 | ug/L | | | 10/24/14 02:01 | 1 |
| 2-Butanone (MEK) | ND | | 10 | 1.3 | ug/L | | | 10/24/14 02:01 | 1 |
| 4-Methyl-2-pentanone (MIBK) | ND | | 5.0 | 2.1 | ug/L | | | 10/24/14 02:01 | 1 |
| Acetone | ND | | 10 | 3.0 | ug/L | | | 10/24/14 02:01 | 1 |
| Benzene | ND | | 1.0 | 0.41 | ug/L | | | 10/24/14 02:01 | 1 |
| Bromodichloromethane | ND | | 1.0 | 0.39 | ug/L | | | 10/24/14 02:01 | 1 |
| Bromoform | ND | | 1.0 | 0.26 | ug/L | | | 10/24/14 02:01 | 1 |
| Bromomethane | ND | | 1.0 | 0.69 | ug/L | | | 10/24/14 02:01 | 1 |
| **Carbon disulfide** | **0.25** | **J** | 1.0 | 0.19 | ug/L | | | 10/24/14 02:01 | 1 |
| Carbon tetrachloride | ND | | 1.0 | 0.27 | ug/L | | | 10/24/14 02:01 | 1 |
| Chlorobenzene | ND | | 1.0 | 0.75 | ug/L | | | 10/24/14 02:01 | 1 |
| Dibromochloromethane | ND | * | 1.0 | 0.32 | ug/L | | | 10/24/14 02:01 | 1 |
| Chloroethane | ND | | 1.0 | 0.32 | ug/L | | | 10/24/14 02:01 | 1 |
| **Chloroform** | **0.57** | **J** | 1.0 | 0.34 | ug/L | | | 10/24/14 02:01 | 1 |
| Chloromethane | ND | | 1.0 | 0.35 | ug/L | | | 10/24/14 02:01 | 1 |
| **cis-1,2-Dichloroethene** | **3.2** | | 1.0 | 0.81 | ug/L | | | 10/24/14 02:01 | 1 |
| cis-1,3-Dichloropropene | ND | | 1.0 | 0.36 | ug/L | | | 10/24/14 02:01 | 1 |
| Cyclohexane | ND | | 1.0 | 0.18 | ug/L | | | 10/24/14 02:01 | 1 |
| Dichlorodifluoromethane | ND | | 1.0 | 0.68 | ug/L | | | 10/24/14 02:01 | 1 |
| Ethylbenzene | ND | | 1.0 | 0.74 | ug/L | | | 10/24/14 02:01 | 1 |
| Isopropylbenzene | ND | | 1.0 | 0.79 | ug/L | | | 10/24/14 02:01 | 1 |
| Methyl acetate | ND | | 2.5 | 0.50 | ug/L | | | 10/24/14 02:01 | 1 |
| Methyl tert-butyl ether | ND | | 1.0 | 0.16 | ug/L | | | 10/24/14 02:01 | 1 |
| Methylcyclohexane | ND | | 1.0 | 0.16 | ug/L | | | 10/24/14 02:01 | 1 |
| Methylene Chloride | ND | | 1.0 | 0.44 | ug/L | | | 10/24/14 02:01 | 1 |
| Styrene | ND | | 1.0 | 0.73 | ug/L | | | 10/24/14 02:01 | 1 |
| Toluene | ND | | 1.0 | 0.51 | ug/L | | | 10/24/14 02:01 | 1 |
| trans-1,2-Dichloroethene | ND | | 1.0 | 0.90 | ug/L | | | 10/24/14 02:01 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.0 | 0.37 | ug/L | | | 10/24/14 02:01 | 1 |
| **Trichloroethene** | **28** | | 1.0 | 0.46 | ug/L | | | 10/24/14 02:01 | 1 |
| Trichlorofluoromethane | ND | | 1.0 | 0.88 | ug/L | | | 10/24/14 02:01 | 1 |
| Vinyl chloride | ND | | 1.0 | 0.90 | ug/L | | | 10/24/14 02:01 | 1 |
| Xylenes, Total | ND | | 2.0 | 0.66 | ug/L | | | 10/24/14 02:01 | 1 |

## Client Sample ID: SB-2

**Date Collected: 10/14/14 09:05**
**Date Received: 10/16/14 01:00**

## Lab Sample ID: 480-69360-1

**Matrix: Water**

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *97* | | *66 - 137* | | *10/24/14 02:01* | *1* |
| *Toluene-d8 (Surr)* | *92* | | *71 - 126* | | *10/24/14 02:01* | *1* |
| *4-Bromofluorobenzene (Surr)* | *99* | | *73 - 120* | | *10/24/14 02:01* | *1* |
| *Dibromofluoromethane (Surr)* | *102* | | *60 - 140* | | *10/24/14 02:01* | *1* |

### Method: 8260C - Volatile Organic Compounds by GC/MS - DL

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Tetrachloroethene | 9100 | | 100 | 36 | ug/L | | | 10/24/14 15:50 | 100 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *100* | | *66 - 137* | | *10/24/14 15:50* | *100* |
| *Toluene-d8 (Surr)* | *99* | | *71 - 126* | | *10/24/14 15:50* | *100* |
| *4-Bromofluorobenzene (Surr)* | *100* | | *73 - 120* | | *10/24/14 15:50* | *100* |
| *Dibromofluoromethane (Surr)* | *103* | | *60 - 140* | | *10/24/14 15:50* | *100* |

## Client Sample ID: SB-3

**Date Collected: 10/14/14 09:40**
**Date Received: 10/16/14 01:00**

## Lab Sample ID: 480-69360-2

**Matrix: Water**

### Method: 8260C - Volatile Organic Compounds by GC/MS

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ND | | 1.0 | 0.82 | ug/L | | | 10/24/14 16:14 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.0 | 0.21 | ug/L | | | 10/24/14 16:14 | 1 |
| 1,1,2-Trichloroethane | ND | | 1.0 | 0.23 | ug/L | | | 10/24/14 16:14 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 1.0 | 0.31 | ug/L | | | 10/24/14 16:14 | 1 |
| 1,1-Dichloroethane | ND | | 1.0 | 0.38 | ug/L | | | 10/24/14 16:14 | 1 |
| 1,1-Dichloroethene | ND | | 1.0 | 0.29 | ug/L | | | 10/24/14 16:14 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.0 | 0.41 | ug/L | | | 10/24/14 16:14 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 1.0 | 0.39 | ug/L | | | 10/24/14 16:14 | 1 |
| 1,2-Dibromoethane | ND | * | 1.0 | 0.73 | ug/L | | | 10/24/14 16:14 | 1 |
| 1,2-Dichlorobenzene | ND | | 1.0 | 0.79 | ug/L | | | 10/24/14 16:14 | 1 |
| 1,2-Dichloroethane | ND | | 1.0 | 0.21 | ug/L | | | 10/24/14 16:14 | 1 |
| 1,2-Dichloropropane | ND | | 1.0 | 0.72 | ug/L | | | 10/24/14 16:14 | 1 |
| 1,3-Dichlorobenzene | ND | | 1.0 | 0.78 | ug/L | | | 10/24/14 16:14 | 1 |
| 1,4-Dichlorobenzene | ND | | 1.0 | 0.84 | ug/L | | | 10/24/14 16:14 | 1 |
| 2-Hexanone | ND | | 5.0 | 1.2 | ug/L | | | 10/24/14 16:14 | 1 |
| 2-Butanone (MEK) | ND | | 10 | 1.3 | ug/L | | | 10/24/14 16:14 | 1 |
| 4-Methyl-2-pentanone (MIBK) | ND | | 5.0 | 2.1 | ug/L | | | 10/24/14 16:14 | 1 |
| Acetone | ND | | 10 | 3.0 | ug/L | | | 10/24/14 16:14 | 1 |
| Benzene | ND | | 1.0 | 0.41 | ug/L | | | 10/24/14 16:14 | 1 |
| Bromodichloromethane | ND | | 1.0 | 0.39 | ug/L | | | 10/24/14 16:14 | 1 |
| Bromoform | ND | | 1.0 | 0.26 | ug/L | | | 10/24/14 16:14 | 1 |
| Bromomethane | ND | | 1.0 | 0.69 | ug/L | | | 10/24/14 16:14 | 1 |
| Carbon disulfide | ND | | 1.0 | 0.19 | ug/L | | | 10/24/14 16:14 | 1 |
| Carbon tetrachloride | ND | * | 1.0 | 0.27 | ug/L | | | 10/24/14 16:14 | 1 |
| Chlorobenzene | ND | | 1.0 | 0.75 | ug/L | | | 10/24/14 16:14 | 1 |
| Dibromochloromethane | ND | * | 1.0 | 0.32 | ug/L | | | 10/24/14 16:14 | 1 |
| Chloroethane | ND | | 1.0 | 0.32 | ug/L | | | 10/24/14 16:14 | 1 |
| Chloroform | ND | | 1.0 | 0.34 | ug/L | | | 10/24/14 16:14 | 1 |
| Chloromethane | ND | | 1.0 | 0.35 | ug/L | | | 10/24/14 16:14 | 1 |
| cis-1,2-Dichloroethene | ND | | 1.0 | 0.81 | ug/L | | | 10/24/14 16:14 | 1 |

## Client Sample ID: SB-3

**Date Collected: 10/14/14 09:40**
**Date Received: 10/16/14 01:00**

**Lab Sample ID: 480-69360-2**
**Matrix: Water**

### Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| cis-1,3-Dichloropropene | ND | * | 1.0 | 0.36 | ug/L | | | 10/24/14 16:14 | 1 |
| Cyclohexane | ND | | 1.0 | 0.18 | ug/L | | | 10/24/14 16:14 | 1 |
| Dichlorodifluoromethane | ND | | 1.0 | 0.68 | ug/L | | | 10/24/14 16:14 | 1 |
| Ethylbenzene | ND | | 1.0 | 0.74 | ug/L | | | 10/24/14 16:14 | 1 |
| Isopropylbenzene | ND | | 1.0 | 0.79 | ug/L | | | 10/24/14 16:14 | 1 |
| Methyl acetate | ND | | 2.5 | 0.50 | ug/L | | | 10/24/14 16:14 | 1 |
| Methyl tert-butyl ether | ND | | 1.0 | 0.16 | ug/L | | | 10/24/14 16:14 | 1 |
| Methylcyclohexane | ND | | 1.0 | 0.16 | ug/L | | | 10/24/14 16:14 | 1 |
| Methylene Chloride | ND | | 1.0 | 0.44 | ug/L | | | 10/24/14 16:14 | 1 |
| Styrene | ND | | 1.0 | 0.73 | ug/L | | | 10/24/14 16:14 | 1 |
| **Tetrachloroethene** | **8.5** | | 1.0 | 0.36 | ug/L | | | 10/24/14 16:14 | 1 |
| Toluene | ND | | 1.0 | 0.51 | ug/L | | | 10/24/14 16:14 | 1 |
| trans-1,2-Dichloroethene | ND | | 1.0 | 0.90 | ug/L | | | 10/24/14 16:14 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.0 | 0.37 | ug/L | | | 10/24/14 16:14 | 1 |
| Trichloroethene | ND | | 1.0 | 0.46 | ug/L | | | 10/24/14 16:14 | 1 |
| Trichlorofluoromethane | ND | | 1.0 | 0.88 | ug/L | | | 10/24/14 16:14 | 1 |
| Vinyl chloride | ND | | 1.0 | 0.90 | ug/L | | | 10/24/14 16:14 | 1 |
| Xylenes, Total | ND | | 2.0 | 0.66 | ug/L | | | 10/24/14 16:14 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *97* | | *66 - 137* | | *10/24/14 16:14* | *1* |
| *Toluene-d8 (Surr)* | *96* | | *71 - 126* | | *10/24/14 16:14* | *1* |
| *4-Bromofluorobenzene (Surr)* | *101* | | *73 - 120* | | *10/24/14 16:14* | *1* |
| *Dibromofluoromethane (Surr)* | *103* | | *60 - 140* | | *10/24/14 16:14* | *1* |

## Client Sample ID: SB-1

**Date Collected: 10/14/14 10:10**
**Date Received: 10/16/14 01:00**

**Lab Sample ID: 480-69360-3**
**Matrix: Water**

### Method: 8260C - Volatile Organic Compounds by GC/MS

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ND | | 1.0 | 0.82 | ug/L | | | 10/24/14 02:49 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.0 | 0.21 | ug/L | | | 10/24/14 02:49 | 1 |
| 1,1,2-Trichloroethane | ND | | 1.0 | 0.23 | ug/L | | | 10/24/14 02:49 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 1.0 | 0.31 | ug/L | | | 10/24/14 02:49 | 1 |
| 1,1-Dichloroethane | ND | | 1.0 | 0.38 | ug/L | | | 10/24/14 02:49 | 1 |
| 1,1-Dichloroethene | ND | | 1.0 | 0.29 | ug/L | | | 10/24/14 02:49 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.0 | 0.41 | ug/L | | | 10/24/14 02:49 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 1.0 | 0.39 | ug/L | | | 10/24/14 02:49 | 1 |
| 1,2-Dibromoethane | ND | | 1.0 | 0.73 | ug/L | | | 10/24/14 02:49 | 1 |
| 1,2-Dichlorobenzene | ND | | 1.0 | 0.79 | ug/L | | | 10/24/14 02:49 | 1 |
| 1,2-Dichloroethane | ND | | 1.0 | 0.21 | ug/L | | | 10/24/14 02:49 | 1 |
| 1,2-Dichloropropane | ND | | 1.0 | 0.72 | ug/L | | | 10/24/14 02:49 | 1 |
| 1,3-Dichlorobenzene | ND | | 1.0 | 0.78 | ug/L | | | 10/24/14 02:49 | 1 |
| 1,4-Dichlorobenzene | ND | | 1.0 | 0.84 | ug/L | | | 10/24/14 02:49 | 1 |
| 2-Hexanone | ND | | 5.0 | 1.2 | ug/L | | | 10/24/14 02:49 | 1 |
| 2-Butanone (MEK) | ND | | 10 | 1.3 | ug/L | | | 10/24/14 02:49 | 1 |
| 4-Methyl-2-pentanone (MIBK) | ND | | 5.0 | 2.1 | ug/L | | | 10/24/14 02:49 | 1 |
| Acetone | ND | | 10 | 3.0 | ug/L | | | 10/24/14 02:49 | 1 |
| Benzene | ND | | 1.0 | 0.41 | ug/L | | | 10/24/14 02:49 | 1 |

**Client Sample ID: SB-1**
**Date Collected: 10/14/14 10:10**
**Date Received: 10/16/14 01:00**

**Lab Sample ID: 480-69360-3**
**Matrix: Water**

## Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Bromodichloromethane | ND | | 1.0 | 0.39 | ug/L | | | 10/24/14 02:49 | 1 |
| Bromoform | ND | | 1.0 | 0.26 | ug/L | | | 10/24/14 02:49 | 1 |
| Bromomethane | ND | | 1.0 | 0.69 | ug/L | | | 10/24/14 02:49 | 1 |
| Carbon disulfide | ND | | 1.0 | 0.19 | ug/L | | | 10/24/14 02:49 | 1 |
| Carbon tetrachloride | ND | | 1.0 | 0.27 | ug/L | | | 10/24/14 02:49 | 1 |
| Chlorobenzene | ND | | 1.0 | 0.75 | ug/L | | | 10/24/14 02:49 | 1 |
| Dibromochloromethane | ND | * | 1.0 | 0.32 | ug/L | | | 10/24/14 02:49 | 1 |
| Chloroethane | ND | | 1.0 | 0.32 | ug/L | | | 10/24/14 02:49 | 1 |
| Chloroform | ND | | 1.0 | 0.34 | ug/L | | | 10/24/14 02:49 | 1 |
| Chloromethane | ND | | 1.0 | 0.35 | ug/L | | | 10/24/14 02:49 | 1 |
| cis-1,2-Dichloroethene | ND | | 1.0 | 0.81 | ug/L | | | 10/24/14 02:49 | 1 |
| cis-1,3-Dichloropropene | ND | | 1.0 | 0.36 | ug/L | | | 10/24/14 02:49 | 1 |
| Cyclohexane | ND | | 1.0 | 0.18 | ug/L | | | 10/24/14 02:49 | 1 |
| Dichlorodifluoromethane | ND | | 1.0 | 0.68 | ug/L | | | 10/24/14 02:49 | 1 |
| Ethylbenzene | ND | | 1.0 | 0.74 | ug/L | | | 10/24/14 02:49 | 1 |
| Isopropylbenzene | ND | | 1.0 | 0.79 | ug/L | | | 10/24/14 02:49 | 1 |
| Methyl acetate | ND | | 2.5 | 0.50 | ug/L | | | 10/24/14 02:49 | 1 |
| **Methyl tert-butyl ether** | **1.7** | | 1.0 | 0.16 | ug/L | | | 10/24/14 02:49 | 1 |
| Methylcyclohexane | ND | | 1.0 | 0.16 | ug/L | | | 10/24/14 02:49 | 1 |
| Methylene Chloride | ND | | 1.0 | 0.44 | ug/L | | | 10/24/14 02:49 | 1 |
| Styrene | ND | | 1.0 | 0.73 | ug/L | | | 10/24/14 02:49 | 1 |
| Toluene | ND | | 1.0 | 0.51 | ug/L | | | 10/24/14 02:49 | 1 |
| trans-1,2-Dichloroethene | ND | | 1.0 | 0.90 | ug/L | | | 10/24/14 02:49 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.0 | 0.37 | ug/L | | | 10/24/14 02:49 | 1 |
| **Trichloroethene** | **2.5** | | 1.0 | 0.46 | ug/L | | | 10/24/14 02:49 | 1 |
| Trichlorofluoromethane | ND | | 1.0 | 0.88 | ug/L | | | 10/24/14 02:49 | 1 |
| Vinyl chloride | ND | | 1.0 | 0.90 | ug/L | | | 10/24/14 02:49 | 1 |
| Xylenes, Total | ND | | 2.0 | 0.66 | ug/L | | | 10/24/14 02:49 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *96* | | *66 - 137* | | *10/24/14 02:49* | *1* |
| *Toluene-d8 (Surr)* | *98* | | *71 - 126* | | *10/24/14 02:49* | *1* |
| *4-Bromofluorobenzene (Surr)* | *101* | | *73 - 120* | | *10/24/14 02:49* | *1* |
| *Dibromofluoromethane (Surr)* | *102* | | *60 - 140* | | *10/24/14 02:49* | *1* |

## Method: 8260C - Volatile Organic Compounds by GC/MS - DL

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Tetrachloroethene** | **710** | | 10 | 3.6 | ug/L | | | 10/24/14 16:38 | 10 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *99* | | *66 - 137* | | *10/24/14 16:38* | *10* |
| *Toluene-d8 (Surr)* | *99* | | *71 - 126* | | *10/24/14 16:38* | *10* |
| *4-Bromofluorobenzene (Surr)* | *100* | | *73 - 120* | | *10/24/14 16:38* | *10* |
| *Dibromofluoromethane (Surr)* | *102* | | *60 - 140* | | *10/24/14 16:38* | *10* |

Client: URS Corporation
Project/Site: Walgreens Site (Kingston, NY)

TestAmerica Job ID: 480-69360-1

**Client Sample ID: SB-4**
**Date Collected: 10/14/14 11:05**
**Date Received: 10/16/14 01:00**

**Lab Sample ID: 480-69360-4**
**Matrix: Water**

**Method: 8260C - Volatile Organic Compounds by GC/MS**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ND | | 1.0 | 0.82 | ug/L | | | 10/24/14 03:13 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.0 | 0.21 | ug/L | | | 10/24/14 03:13 | 1 |
| 1,1,2-Trichloroethane | ND | | 1.0 | 0.23 | ug/L | | | 10/24/14 03:13 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 1.0 | 0.31 | ug/L | | | 10/24/14 03:13 | 1 |
| 1,1-Dichloroethane | ND | | 1.0 | 0.38 | ug/L | | | 10/24/14 03:13 | 1 |
| 1,1-Dichloroethene | ND | | 1.0 | 0.29 | ug/L | | | 10/24/14 03:13 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.0 | 0.41 | ug/L | | | 10/24/14 03:13 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 1.0 | 0.39 | ug/L | | | 10/24/14 03:13 | 1 |
| 1,2-Dibromoethane | ND | | 1.0 | 0.73 | ug/L | | | 10/24/14 03:13 | 1 |
| 1,2-Dichlorobenzene | ND | | 1.0 | 0.79 | ug/L | | | 10/24/14 03:13 | 1 |
| 1,2-Dichloroethane | ND | | 1.0 | 0.21 | ug/L | | | 10/24/14 03:13 | 1 |
| 1,2-Dichloropropane | ND | | 1.0 | 0.72 | ug/L | | | 10/24/14 03:13 | 1 |
| 1,3-Dichlorobenzene | ND | | 1.0 | 0.78 | ug/L | | | 10/24/14 03:13 | 1 |
| 1,4-Dichlorobenzene | ND | | 1.0 | 0.84 | ug/L | | | 10/24/14 03:13 | 1 |
| 2-Hexanone | ND | | 5.0 | 1.2 | ug/L | | | 10/24/14 03:13 | 1 |
| 2-Butanone (MEK) | ND | | 10 | 1.3 | ug/L | | | 10/24/14 03:13 | 1 |
| 4-Methyl-2-pentanone (MIBK) | ND | | 5.0 | 2.1 | ug/L | | | 10/24/14 03:13 | 1 |
| Acetone | ND | | 10 | 3.0 | ug/L | | | 10/24/14 03:13 | 1 |
| Benzene | ND | | 1.0 | 0.41 | ug/L | | | 10/24/14 03:13 | 1 |
| Bromodichloromethane | ND | | 1.0 | 0.39 | ug/L | | | 10/24/14 03:13 | 1 |
| Bromoform | ND | | 1.0 | 0.26 | ug/L | | | 10/24/14 03:13 | 1 |
| Bromomethane | ND | | 1.0 | 0.69 | ug/L | | | 10/24/14 03:13 | 1 |
| Carbon disulfide | ND | | 1.0 | 0.19 | ug/L | | | 10/24/14 03:13 | 1 |
| Carbon tetrachloride | ND | | 1.0 | 0.27 | ug/L | | | 10/24/14 03:13 | 1 |
| Chlorobenzene | ND | | 1.0 | 0.75 | ug/L | | | 10/24/14 03:13 | 1 |
| Dibromochloromethane | ND | * | 1.0 | 0.32 | ug/L | | | 10/24/14 03:13 | 1 |
| Chloroethane | ND | | 1.0 | 0.32 | ug/L | | | 10/24/14 03:13 | 1 |
| Chloroform | ND | | 1.0 | 0.34 | ug/L | | | 10/24/14 03:13 | 1 |
| Chloromethane | ND | | 1.0 | 0.35 | ug/L | | | 10/24/14 03:13 | 1 |
| cis-1,2-Dichloroethene | ND | | 1.0 | 0.81 | ug/L | | | 10/24/14 03:13 | 1 |
| cis-1,3-Dichloropropene | ND | | 1.0 | 0.36 | ug/L | | | 10/24/14 03:13 | 1 |
| Cyclohexane | ND | | 1.0 | 0.18 | ug/L | | | 10/24/14 03:13 | 1 |
| Dichlorodifluoromethane | ND | | 1.0 | 0.68 | ug/L | | | 10/24/14 03:13 | 1 |
| Ethylbenzene | ND | | 1.0 | 0.74 | ug/L | | | 10/24/14 03:13 | 1 |
| Isopropylbenzene | ND | | 1.0 | 0.79 | ug/L | | | 10/24/14 03:13 | 1 |
| Methyl acetate | ND | | 2.5 | 0.50 | ug/L | | | 10/24/14 03:13 | 1 |
| **Methyl tert-butyl ether** | **0.97** | **J** | 1.0 | 0.16 | ug/L | | | 10/24/14 03:13 | 1 |
| Methylcyclohexane | ND | | 1.0 | 0.16 | ug/L | | | 10/24/14 03:13 | 1 |
| Methylene Chloride | ND | | 1.0 | 0.44 | ug/L | | | 10/24/14 03:13 | 1 |
| Styrene | ND | | 1.0 | 0.73 | ug/L | | | 10/24/14 03:13 | 1 |
| Toluene | ND | | 1.0 | 0.51 | ug/L | | | 10/24/14 03:13 | 1 |
| trans-1,2-Dichloroethene | ND | | 1.0 | 0.90 | ug/L | | | 10/24/14 03:13 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.0 | 0.37 | ug/L | | | 10/24/14 03:13 | 1 |
| **Trichloroethene** | **10** | | 1.0 | 0.46 | ug/L | | | 10/24/14 03:13 | 1 |
| Trichlorofluoromethane | ND | | 1.0 | 0.88 | ug/L | | | 10/24/14 03:13 | 1 |
| Vinyl chloride | ND | | 1.0 | 0.90 | ug/L | | | 10/24/14 03:13 | 1 |
| Xylenes, Total | ND | | 2.0 | 0.66 | ug/L | | | 10/24/14 03:13 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *94* | | *66 - 137* | | *10/24/14 03:13* | *1* |

## Client Sample ID: SB-4

**Date Collected: 10/14/14 11:05**
**Date Received: 10/16/14 01:00**

**Lab Sample ID: 480-69360-4**
**Matrix: Water**

### Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Toluene-d8 (Surr)* | *95* | | *71 - 126* | | *10/24/14 03:13* | *1* |
| *4-Bromofluorobenzene (Surr)* | *100* | | *73 - 120* | | *10/24/14 03:13* | *1* |
| *Dibromofluoromethane (Surr)* | *102* | | *60 - 140* | | *10/24/14 03:13* | *1* |

### Method: 8260C - Volatile Organic Compounds by GC/MS - DL

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Tetrachloroethene** | **660** | | 10 | 3.6 | ug/L | | | 10/24/14 17:02 | 10 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *95* | | *66 - 137* | | *10/24/14 17:02* | *10* |
| *Toluene-d8 (Surr)* | *97* | | *71 - 126* | | *10/24/14 17:02* | *10* |
| *4-Bromofluorobenzene (Surr)* | *98* | | *73 - 120* | | *10/24/14 17:02* | *10* |
| *Dibromofluoromethane (Surr)* | *102* | | *60 - 140* | | *10/24/14 17:02* | *10* |

## Client Sample ID: SB-5

**Date Collected: 10/14/14 11:45**
**Date Received: 10/16/14 01:00**

**Lab Sample ID: 480-69360-5**
**Matrix: Water**

### Method: 8260C - Volatile Organic Compounds by GC/MS

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ND | | 1.0 | 0.82 | ug/L | | | 10/24/14 03:37 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.0 | 0.21 | ug/L | | | 10/24/14 03:37 | 1 |
| 1,1,2-Trichloroethane | ND | | 1.0 | 0.23 | ug/L | | | 10/24/14 03:37 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 1.0 | 0.31 | ug/L | | | 10/24/14 03:37 | 1 |
| 1,1-Dichloroethane | ND | | 1.0 | 0.38 | ug/L | | | 10/24/14 03:37 | 1 |
| 1,1-Dichloroethene | ND | | 1.0 | 0.29 | ug/L | | | 10/24/14 03:37 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.0 | 0.41 | ug/L | | | 10/24/14 03:37 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 1.0 | 0.39 | ug/L | | | 10/24/14 03:37 | 1 |
| 1,2-Dibromoethane | ND | | 1.0 | 0.73 | ug/L | | | 10/24/14 03:37 | 1 |
| 1,2-Dichlorobenzene | ND | | 1.0 | 0.79 | ug/L | | | 10/24/14 03:37 | 1 |
| 1,2-Dichloroethane | ND | | 1.0 | 0.21 | ug/L | | | 10/24/14 03:37 | 1 |
| 1,2-Dichloropropane | ND | | 1.0 | 0.72 | ug/L | | | 10/24/14 03:37 | 1 |
| 1,3-Dichlorobenzene | ND | | 1.0 | 0.78 | ug/L | | | 10/24/14 03:37 | 1 |
| 1,4-Dichlorobenzene | ND | | 1.0 | 0.84 | ug/L | | | 10/24/14 03:37 | 1 |
| 2-Hexanone | ND | | 5.0 | 1.2 | ug/L | | | 10/24/14 03:37 | 1 |
| 2-Butanone (MEK) | ND | | 10 | 1.3 | ug/L | | | 10/24/14 03:37 | 1 |
| 4-Methyl-2-pentanone (MIBK) | ND | | 5.0 | 2.1 | ug/L | | | 10/24/14 03:37 | 1 |
| Acetone | ND | | 10 | 3.0 | ug/L | | | 10/24/14 03:37 | 1 |
| Benzene | ND | | 1.0 | 0.41 | ug/L | | | 10/24/14 03:37 | 1 |
| Bromodichloromethane | ND | | 1.0 | 0.39 | ug/L | | | 10/24/14 03:37 | 1 |
| Bromoform | ND | | 1.0 | 0.26 | ug/L | | | 10/24/14 03:37 | 1 |
| Bromomethane | ND | | 1.0 | 0.69 | ug/L | | | 10/24/14 03:37 | 1 |
| Carbon disulfide | ND | | 1.0 | 0.19 | ug/L | | | 10/24/14 03:37 | 1 |
| Carbon tetrachloride | ND | | 1.0 | 0.27 | ug/L | | | 10/24/14 03:37 | 1 |
| Chlorobenzene | ND | | 1.0 | 0.75 | ug/L | | | 10/24/14 03:37 | 1 |
| Dibromochloromethane | ND | * | 1.0 | 0.32 | ug/L | | | 10/24/14 03:37 | 1 |
| Chloroethane | ND | | 1.0 | 0.32 | ug/L | | | 10/24/14 03:37 | 1 |
| Chloroform | ND | | 1.0 | 0.34 | ug/L | | | 10/24/14 03:37 | 1 |
| Chloromethane | ND | | 1.0 | 0.35 | ug/L | | | 10/24/14 03:37 | 1 |
| **cis-1,2-Dichloroethene** | **1.8** | | 1.0 | 0.81 | ug/L | | | 10/24/14 03:37 | 1 |

## Client Sample ID: SB-5

**Date Collected: 10/14/14 11:45**
**Date Received: 10/16/14 01:00**

**Lab Sample ID: 480-69360-5**
**Matrix: Water**

### Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| cis-1,3-Dichloropropene | ND | | 1.0 | 0.36 | ug/L | | | 10/24/14 03:37 | 1 |
| Cyclohexane | ND | | 1.0 | 0.18 | ug/L | | | 10/24/14 03:37 | 1 |
| Dichlorodifluoromethane | ND | | 1.0 | 0.68 | ug/L | | | 10/24/14 03:37 | 1 |
| Ethylbenzene | ND | | 1.0 | 0.74 | ug/L | | | 10/24/14 03:37 | 1 |
| Isopropylbenzene | ND | | 1.0 | 0.79 | ug/L | | | 10/24/14 03:37 | 1 |
| Methyl acetate | ND | | 2.5 | 0.50 | ug/L | | | 10/24/14 03:37 | 1 |
| Methyl tert-butyl ether | ND | | 1.0 | 0.16 | ug/L | | | 10/24/14 03:37 | 1 |
| Methylcyclohexane | ND | | 1.0 | 0.16 | ug/L | | | 10/24/14 03:37 | 1 |
| Methylene Chloride | ND | | 1.0 | 0.44 | ug/L | | | 10/24/14 03:37 | 1 |
| Styrene | ND | | 1.0 | 0.73 | ug/L | | | 10/24/14 03:37 | 1 |
| Toluene | ND | | 1.0 | 0.51 | ug/L | | | 10/24/14 03:37 | 1 |
| trans-1,2-Dichloroethene | ND | | 1.0 | 0.90 | ug/L | | | 10/24/14 03:37 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.0 | 0.37 | ug/L | | | 10/24/14 03:37 | 1 |
| **Trichloroethene** | **20** | | 1.0 | 0.46 | ug/L | | | 10/24/14 03:37 | 1 |
| Trichlorofluoromethane | ND | | 1.0 | 0.88 | ug/L | | | 10/24/14 03:37 | 1 |
| Vinyl chloride | ND | | 1.0 | 0.90 | ug/L | | | 10/24/14 03:37 | 1 |
| Xylenes, Total | ND | | 2.0 | 0.66 | ug/L | | | 10/24/14 03:37 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *97* | | *66 - 137* | | *10/24/14 03:37* | *1* |
| *Toluene-d8 (Surr)* | *93* | | *71 - 126* | | *10/24/14 03:37* | *1* |
| *4-Bromofluorobenzene (Surr)* | *97* | | *73 - 120* | | *10/24/14 03:37* | *1* |
| *Dibromofluoromethane (Surr)* | *102* | | *60 - 140* | | *10/24/14 03:37* | *1* |

### Method: 8260C - Volatile Organic Compounds by GC/MS - DL

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Tetrachloroethene** | **4500** | | 80 | 29 | ug/L | | | 10/25/14 04:11 | 80 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *96* | | *66 - 137* | | *10/25/14 04:11* | *80* |
| *Toluene-d8 (Surr)* | *97* | | *71 - 126* | | *10/25/14 04:11* | *80* |
| *4-Bromofluorobenzene (Surr)* | *100* | | *73 - 120* | | *10/25/14 04:11* | *80* |
| *Dibromofluoromethane (Surr)* | *103* | | *60 - 140* | | *10/25/14 04:11* | *80* |

## Client Sample ID: SB-9

**Date Collected: 10/14/14 12:55**
**Date Received: 10/16/14 01:00**

**Lab Sample ID: 480-69360-6**
**Matrix: Water**

### Method: 8260C - Volatile Organic Compounds by GC/MS

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ND | | 1.0 | 0.82 | ug/L | | | 10/24/14 04:01 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.0 | 0.21 | ug/L | | | 10/24/14 04:01 | 1 |
| 1,1,2-Trichloroethane | ND | | 1.0 | 0.23 | ug/L | | | 10/24/14 04:01 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 1.0 | 0.31 | ug/L | | | 10/24/14 04:01 | 1 |
| 1,1-Dichloroethane | ND | | 1.0 | 0.38 | ug/L | | | 10/24/14 04:01 | 1 |
| 1,1-Dichloroethene | ND | | 1.0 | 0.29 | ug/L | | | 10/24/14 04:01 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.0 | 0.41 | ug/L | | | 10/24/14 04:01 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 1.0 | 0.39 | ug/L | | | 10/24/14 04:01 | 1 |
| 1,2-Dibromoethane | ND | | 1.0 | 0.73 | ug/L | | | 10/24/14 04:01 | 1 |
| 1,2-Dichlorobenzene | ND | | 1.0 | 0.79 | ug/L | | | 10/24/14 04:01 | 1 |

**Client Sample ID: SB-9**
**Date Collected: 10/14/14 12:55**
**Date Received: 10/16/14 01:00**

**Lab Sample ID: 480-69360-6**
**Matrix: Water**

## Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,2-Dichloroethane | ND | | 1.0 | 0.21 | ug/L | | | 10/24/14 04:01 | 1 |
| 1,2-Dichloropropane | ND | | 1.0 | 0.72 | ug/L | | | 10/24/14 04:01 | 1 |
| 1,3-Dichlorobenzene | ND | | 1.0 | 0.78 | ug/L | | | 10/24/14 04:01 | 1 |
| 1,4-Dichlorobenzene | ND | | 1.0 | 0.84 | ug/L | | | 10/24/14 04:01 | 1 |
| 2-Hexanone | ND | | 5.0 | 1.2 | ug/L | | | 10/24/14 04:01 | 1 |
| 2-Butanone (MEK) | ND | | 10 | 1.3 | ug/L | | | 10/24/14 04:01 | 1 |
| 4-Methyl-2-pentanone (MIBK) | ND | | 5.0 | 2.1 | ug/L | | | 10/24/14 04:01 | 1 |
| Acetone | ND | | 10 | 3.0 | ug/L | | | 10/24/14 04:01 | 1 |
| Benzene | ND | | 1.0 | 0.41 | ug/L | | | 10/24/14 04:01 | 1 |
| Bromodichloromethane | ND | | 1.0 | 0.39 | ug/L | | | 10/24/14 04:01 | 1 |
| Bromoform | ND | | 1.0 | 0.26 | ug/L | | | 10/24/14 04:01 | 1 |
| Bromomethane | ND | | 1.0 | 0.69 | ug/L | | | 10/24/14 04:01 | 1 |
| Carbon disulfide | ND | | 1.0 | 0.19 | ug/L | | | 10/24/14 04:01 | 1 |
| Carbon tetrachloride | ND | | 1.0 | 0.27 | ug/L | | | 10/24/14 04:01 | 1 |
| Chlorobenzene | ND | | 1.0 | 0.75 | ug/L | | | 10/24/14 04:01 | 1 |
| Dibromochloromethane | ND | * | 1.0 | 0.32 | ug/L | | | 10/24/14 04:01 | 1 |
| Chloroethane | ND | | 1.0 | 0.32 | ug/L | | | 10/24/14 04:01 | 1 |
| Chloroform | ND | | 1.0 | 0.34 | ug/L | | | 10/24/14 04:01 | 1 |
| Chloromethane | ND | | 1.0 | 0.35 | ug/L | | | 10/24/14 04:01 | 1 |
| cis-1,2-Dichloroethene | ND | | 1.0 | 0.81 | ug/L | | | 10/24/14 04:01 | 1 |
| cis-1,3-Dichloropropene | ND | | 1.0 | 0.36 | ug/L | | | 10/24/14 04:01 | 1 |
| Cyclohexane | ND | | 1.0 | 0.18 | ug/L | | | 10/24/14 04:01 | 1 |
| Dichlorodifluoromethane | ND | | 1.0 | 0.68 | ug/L | | | 10/24/14 04:01 | 1 |
| Ethylbenzene | ND | | 1.0 | 0.74 | ug/L | | | 10/24/14 04:01 | 1 |
| Isopropylbenzene | ND | | 1.0 | 0.79 | ug/L | | | 10/24/14 04:01 | 1 |
| Methyl acetate | ND | | 2.5 | 0.50 | ug/L | | | 10/24/14 04:01 | 1 |
| Methyl tert-butyl ether | ND | | 1.0 | 0.16 | ug/L | | | 10/24/14 04:01 | 1 |
| Methylcyclohexane | ND | | 1.0 | 0.16 | ug/L | | | 10/24/14 04:01 | 1 |
| Methylene Chloride | ND | | 1.0 | 0.44 | ug/L | | | 10/24/14 04:01 | 1 |
| Styrene | ND | | 1.0 | 0.73 | ug/L | | | 10/24/14 04:01 | 1 |
| Toluene | ND | | 1.0 | 0.51 | ug/L | | | 10/24/14 04:01 | 1 |
| trans-1,2-Dichloroethene | ND | | 1.0 | 0.90 | ug/L | | | 10/24/14 04:01 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.0 | 0.37 | ug/L | | | 10/24/14 04:01 | 1 |
| **Trichloroethene** | **5.1** | | 1.0 | 0.46 | ug/L | | | 10/24/14 04:01 | 1 |
| Trichlorofluoromethane | ND | | 1.0 | 0.88 | ug/L | | | 10/24/14 04:01 | 1 |
| Vinyl chloride | ND | | 1.0 | 0.90 | ug/L | | | 10/24/14 04:01 | 1 |
| Xylenes, Total | ND | | 2.0 | 0.66 | ug/L | | | 10/24/14 04:01 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *97* | | *66 - 137* | | *10/24/14 04:01* | *1* |
| *Toluene-d8 (Surr)* | *94* | | *71 - 126* | | *10/24/14 04:01* | *1* |
| *4-Bromofluorobenzene (Surr)* | *101* | | *73 - 120* | | *10/24/14 04:01* | *1* |
| *Dibromofluoromethane (Surr)* | *105* | | *60 - 140* | | *10/24/14 04:01* | *1* |

## Method: 8260C - Volatile Organic Compounds by GC/MS - DL

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Tetrachloroethene** | **1400** | | 20 | 7.2 | ug/L | | | 10/24/14 17:50 | 20 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *96* | | *66 - 137* | | *10/24/14 17:50* | *20* |

## Client Sample ID: SB-9

**Date Collected: 10/14/14 12:55**
**Date Received: 10/16/14 01:00**

**Lab Sample ID: 480-69360-6**
**Matrix: Water**

### Method: 8260C - Volatile Organic Compounds by GC/MS - DL (Continued)

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| *Toluene-d8 (Surr)* | *98* | | *71 - 126* | | *10/24/14 17:50* | *20* |
| *4-Bromofluorobenzene (Surr)* | *103* | | *73 - 120* | | *10/24/14 17:50* | *20* |
| *Dibromofluoromethane (Surr)* | *105* | | *60 - 140* | | *10/24/14 17:50* | *20* |

## Client Sample ID: SB-8

**Date Collected: 10/14/14 13:30**
**Date Received: 10/16/14 01:00**

**Lab Sample ID: 480-69360-7**
**Matrix: Water**

### Method: 8260C - Volatile Organic Compounds by GC/MS

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ND | | 1.0 | 0.82 | ug/L | | | 10/24/14 04:25 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.0 | 0.21 | ug/L | | | 10/24/14 04:25 | 1 |
| 1,1,2-Trichloroethane | ND | | 1.0 | 0.23 | ug/L | | | 10/24/14 04:25 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 1.0 | 0.31 | ug/L | | | 10/24/14 04:25 | 1 |
| 1,1-Dichloroethane | ND | | 1.0 | 0.38 | ug/L | | | 10/24/14 04:25 | 1 |
| 1,1-Dichloroethene | ND | | 1.0 | 0.29 | ug/L | | | 10/24/14 04:25 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.0 | 0.41 | ug/L | | | 10/24/14 04:25 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 1.0 | 0.39 | ug/L | | | 10/24/14 04:25 | 1 |
| 1,2-Dibromoethane | ND | | 1.0 | 0.73 | ug/L | | | 10/24/14 04:25 | 1 |
| 1,2-Dichlorobenzene | ND | | 1.0 | 0.79 | ug/L | | | 10/24/14 04:25 | 1 |
| 1,2-Dichloroethane | ND | | 1.0 | 0.21 | ug/L | | | 10/24/14 04:25 | 1 |
| 1,2-Dichloropropane | ND | | 1.0 | 0.72 | ug/L | | | 10/24/14 04:25 | 1 |
| 1,3-Dichlorobenzene | ND | | 1.0 | 0.78 | ug/L | | | 10/24/14 04:25 | 1 |
| 1,4-Dichlorobenzene | ND | | 1.0 | 0.84 | ug/L | | | 10/24/14 04:25 | 1 |
| 2-Hexanone | ND | | 5.0 | 1.2 | ug/L | | | 10/24/14 04:25 | 1 |
| 2-Butanone (MEK) | ND | | 10 | 1.3 | ug/L | | | 10/24/14 04:25 | 1 |
| 4-Methyl-2-pentanone (MIBK) | ND | | 5.0 | 2.1 | ug/L | | | 10/24/14 04:25 | 1 |
| **Acetone** | **3.1** | **J** | 10 | 3.0 | ug/L | | | 10/24/14 04:25 | 1 |
| Benzene | ND | | 1.0 | 0.41 | ug/L | | | 10/24/14 04:25 | 1 |
| Bromodichloromethane | ND | | 1.0 | 0.39 | ug/L | | | 10/24/14 04:25 | 1 |
| Bromoform | ND | | 1.0 | 0.26 | ug/L | | | 10/24/14 04:25 | 1 |
| Bromomethane | ND | | 1.0 | 0.69 | ug/L | | | 10/24/14 04:25 | 1 |
| **Carbon disulfide** | **0.59** | **J** | 1.0 | 0.19 | ug/L | | | 10/24/14 04:25 | 1 |
| Carbon tetrachloride | ND | | 1.0 | 0.27 | ug/L | | | 10/24/14 04:25 | 1 |
| Chlorobenzene | ND | | 1.0 | 0.75 | ug/L | | | 10/24/14 04:25 | 1 |
| Dibromochloromethane | ND | * | 1.0 | 0.32 | ug/L | | | 10/24/14 04:25 | 1 |
| Chloroethane | ND | | 1.0 | 0.32 | ug/L | | | 10/24/14 04:25 | 1 |
| Chloroform | ND | | 1.0 | 0.34 | ug/L | | | 10/24/14 04:25 | 1 |
| Chloromethane | ND | | 1.0 | 0.35 | ug/L | | | 10/24/14 04:25 | 1 |
| cis-1,3-Dichloropropene | ND | | 1.0 | 0.36 | ug/L | | | 10/24/14 04:25 | 1 |
| Cyclohexane | ND | | 1.0 | 0.18 | ug/L | | | 10/24/14 04:25 | 1 |
| Dichlorodifluoromethane | ND | | 1.0 | 0.68 | ug/L | | | 10/24/14 04:25 | 1 |
| Ethylbenzene | ND | | 1.0 | 0.74 | ug/L | | | 10/24/14 04:25 | 1 |
| Isopropylbenzene | ND | | 1.0 | 0.79 | ug/L | | | 10/24/14 04:25 | 1 |
| Methyl acetate | ND | | 2.5 | 0.50 | ug/L | | | 10/24/14 04:25 | 1 |
| **Methyl tert-butyl ether** | **0.20** | **J** | 1.0 | 0.16 | ug/L | | | 10/24/14 04:25 | 1 |
| **Methylcyclohexane** | **1.1** | | 1.0 | 0.16 | ug/L | | | 10/24/14 04:25 | 1 |
| Methylene Chloride | ND | | 1.0 | 0.44 | ug/L | | | 10/24/14 04:25 | 1 |
| Styrene | ND | | 1.0 | 0.73 | ug/L | | | 10/24/14 04:25 | 1 |

## Client Sample ID: SB-8

**Date Collected: 10/14/14 13:30**
**Date Received: 10/16/14 01:00**

**Lab Sample ID: 480-69360-7**
**Matrix: Water**

### Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Toluene | ND | | 1.0 | 0.51 | ug/L | | | 10/24/14 04:25 | 1 |
| **trans-1,2-Dichloroethene** | **3.0** | | 1.0 | 0.90 | ug/L | | | 10/24/14 04:25 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.0 | 0.37 | ug/L | | | 10/24/14 04:25 | 1 |
| **Trichloroethene** | **50** | | 1.0 | 0.46 | ug/L | | | 10/24/14 04:25 | 1 |
| Trichlorofluoromethane | ND | | 1.0 | 0.88 | ug/L | | | 10/24/14 04:25 | 1 |
| Vinyl chloride | ND | | 1.0 | 0.90 | ug/L | | | 10/24/14 04:25 | 1 |
| Xylenes, Total | ND | | 2.0 | 0.66 | ug/L | | | 10/24/14 04:25 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *95* | | *66 - 137* | | *10/24/14 04:25* | *1* |
| *Toluene-d8 (Surr)* | *96* | | *71 - 126* | | *10/24/14 04:25* | *1* |
| *4-Bromofluorobenzene (Surr)* | *99* | | *73 - 120* | | *10/24/14 04:25* | *1* |
| *Dibromofluoromethane (Surr)* | *101* | | *60 - 140* | | *10/24/14 04:25* | *1* |

### Method: 8260C - Volatile Organic Compounds by GC/MS - DL

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **cis-1,2-Dichloroethene** | **200** | | 20 | 16 | ug/L | | | 10/24/14 18:14 | 20 |
| **Tetrachloroethene** | **1100** | | 20 | 7.2 | ug/L | | | 10/24/14 18:14 | 20 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *97* | | *66 - 137* | | *10/24/14 18:14* | *20* |
| *Toluene-d8 (Surr)* | *99* | | *71 - 126* | | *10/24/14 18:14* | *20* |
| *4-Bromofluorobenzene (Surr)* | *101* | | *73 - 120* | | *10/24/14 18:14* | *20* |
| *Dibromofluoromethane (Surr)* | *103* | | *60 - 140* | | *10/24/14 18:14* | *20* |

## Client Sample ID: B-20

**Date Collected: 10/14/14 15:00**
**Date Received: 10/16/14 01:00**

**Lab Sample ID: 480-69360-8**
**Matrix: Water**

### Method: 8260C - Volatile Organic Compounds by GC/MS

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ND | | 1.0 | 0.82 | ug/L | | | 10/24/14 04:49 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.0 | 0.21 | ug/L | | | 10/24/14 04:49 | 1 |
| 1,1,2-Trichloroethane | ND | | 1.0 | 0.23 | ug/L | | | 10/24/14 04:49 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 1.0 | 0.31 | ug/L | | | 10/24/14 04:49 | 1 |
| 1,1-Dichloroethane | ND | | 1.0 | 0.38 | ug/L | | | 10/24/14 04:49 | 1 |
| 1,1-Dichloroethene | ND | | 1.0 | 0.29 | ug/L | | | 10/24/14 04:49 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.0 | 0.41 | ug/L | | | 10/24/14 04:49 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 1.0 | 0.39 | ug/L | | | 10/24/14 04:49 | 1 |
| 1,2-Dibromoethane | ND | | 1.0 | 0.73 | ug/L | | | 10/24/14 04:49 | 1 |
| 1,2-Dichlorobenzene | ND | | 1.0 | 0.79 | ug/L | | | 10/24/14 04:49 | 1 |
| 1,2-Dichloroethane | ND | | 1.0 | 0.21 | ug/L | | | 10/24/14 04:49 | 1 |
| 1,2-Dichloropropane | ND | | 1.0 | 0.72 | ug/L | | | 10/24/14 04:49 | 1 |
| 1,3-Dichlorobenzene | ND | | 1.0 | 0.78 | ug/L | | | 10/24/14 04:49 | 1 |
| 1,4-Dichlorobenzene | ND | | 1.0 | 0.84 | ug/L | | | 10/24/14 04:49 | 1 |
| 2-Hexanone | ND | | 5.0 | 1.2 | ug/L | | | 10/24/14 04:49 | 1 |
| 2-Butanone (MEK) | ND | | 10 | 1.3 | ug/L | | | 10/24/14 04:49 | 1 |
| 4-Methyl-2-pentanone (MIBK) | ND | | 5.0 | 2.1 | ug/L | | | 10/24/14 04:49 | 1 |
| Acetone | ND | | 10 | 3.0 | ug/L | | | 10/24/14 04:49 | 1 |
| Benzene | ND | | 1.0 | 0.41 | ug/L | | | 10/24/14 04:49 | 1 |

**Client Sample ID: B-20**
**Date Collected: 10/14/14 15:00**
**Date Received: 10/16/14 01:00**

**Lab Sample ID: 480-69360-8**
**Matrix: Water**

## Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Bromodichloromethane | ND | | 1.0 | 0.39 | ug/L | | | 10/24/14 04:49 | 1 |
| Bromoform | ND | | 1.0 | 0.26 | ug/L | | | 10/24/14 04:49 | 1 |
| Bromomethane | ND | | 1.0 | 0.69 | ug/L | | | 10/24/14 04:49 | 1 |
| **Carbon disulfide** | **0.60** | **J** | 1.0 | 0.19 | ug/L | | | 10/24/14 04:49 | 1 |
| Carbon tetrachloride | ND | | 1.0 | 0.27 | ug/L | | | 10/24/14 04:49 | 1 |
| Chlorobenzene | ND | | 1.0 | 0.75 | ug/L | | | 10/24/14 04:49 | 1 |
| Dibromochloromethane | ND | * | 1.0 | 0.32 | ug/L | | | 10/24/14 04:49 | 1 |
| Chloroethane | ND | | 1.0 | 0.32 | ug/L | | | 10/24/14 04:49 | 1 |
| Chloroform | ND | | 1.0 | 0.34 | ug/L | | | 10/24/14 04:49 | 1 |
| Chloromethane | ND | | 1.0 | 0.35 | ug/L | | | 10/24/14 04:49 | 1 |
| cis-1,3-Dichloropropene | ND | | 1.0 | 0.36 | ug/L | | | 10/24/14 04:49 | 1 |
| Cyclohexane | ND | | 1.0 | 0.18 | ug/L | | | 10/24/14 04:49 | 1 |
| Dichlorodifluoromethane | ND | | 1.0 | 0.68 | ug/L | | | 10/24/14 04:49 | 1 |
| Ethylbenzene | ND | | 1.0 | 0.74 | ug/L | | | 10/24/14 04:49 | 1 |
| Isopropylbenzene | ND | | 1.0 | 0.79 | ug/L | | | 10/24/14 04:49 | 1 |
| Methyl acetate | ND | | 2.5 | 0.50 | ug/L | | | 10/24/14 04:49 | 1 |
| Methyl tert-butyl ether | ND | | 1.0 | 0.16 | ug/L | | | 10/24/14 04:49 | 1 |
| **Methylcyclohexane** | **1.3** | | 1.0 | 0.16 | ug/L | | | 10/24/14 04:49 | 1 |
| Methylene Chloride | ND | | 1.0 | 0.44 | ug/L | | | 10/24/14 04:49 | 1 |
| Styrene | ND | | 1.0 | 0.73 | ug/L | | | 10/24/14 04:49 | 1 |
| Toluene | ND | | 1.0 | 0.51 | ug/L | | | 10/24/14 04:49 | 1 |
| **trans-1,2-Dichloroethene** | **3.0** | | 1.0 | 0.90 | ug/L | | | 10/24/14 04:49 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.0 | 0.37 | ug/L | | | 10/24/14 04:49 | 1 |
| **Trichloroethene** | **53** | | 1.0 | 0.46 | ug/L | | | 10/24/14 04:49 | 1 |
| Trichlorofluoromethane | ND | | 1.0 | 0.88 | ug/L | | | 10/24/14 04:49 | 1 |
| Vinyl chloride | ND | | 1.0 | 0.90 | ug/L | | | 10/24/14 04:49 | 1 |
| Xylenes, Total | ND | | 2.0 | 0.66 | ug/L | | | 10/24/14 04:49 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *97* | | *66 - 137* | | *10/24/14 04:49* | *1* |
| *Toluene-d8 (Surr)* | *97* | | *71 - 126* | | *10/24/14 04:49* | *1* |
| *4-Bromofluorobenzene (Surr)* | *102* | | *73 - 120* | | *10/24/14 04:49* | *1* |
| *Dibromofluoromethane (Surr)* | *104* | | *60 - 140* | | *10/24/14 04:49* | *1* |

## Method: 8260C - Volatile Organic Compounds by GC/MS - DL

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **cis-1,2-Dichloroethene** | **220** | | 20 | 16 | ug/L | | | 10/24/14 18:38 | 20 |
| **Tetrachloroethene** | **1000** | | 20 | 7.2 | ug/L | | | 10/24/14 18:38 | 20 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *99* | | *66 - 137* | | *10/24/14 18:38* | *20* |
| *Toluene-d8 (Surr)* | *97* | | *71 - 126* | | *10/24/14 18:38* | *20* |
| *4-Bromofluorobenzene (Surr)* | *99* | | *73 - 120* | | *10/24/14 18:38* | *20* |
| *Dibromofluoromethane (Surr)* | *103* | | *60 - 140* | | *10/24/14 18:38* | *20* |

Client: URS Corporation
Project/Site: Walgreens Site (Kingston, NY)

TestAmerica Job ID: 480-69360-1

**Client Sample ID: SB-6**
**Date Collected: 10/14/14 14:05**
**Date Received: 10/16/14 01:00**

**Lab Sample ID: 480-69360-9**
**Matrix: Water**

**Method: 8260C - Volatile Organic Compounds by GC/MS**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ND | | 1.0 | 0.82 | ug/L | | | 10/24/14 05:12 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.0 | 0.21 | ug/L | | | 10/24/14 05:12 | 1 |
| 1,1,2-Trichloroethane | ND | | 1.0 | 0.23 | ug/L | | | 10/24/14 05:12 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 1.0 | 0.31 | ug/L | | | 10/24/14 05:12 | 1 |
| 1,1-Dichloroethane | ND | | 1.0 | 0.38 | ug/L | | | 10/24/14 05:12 | 1 |
| 1,1-Dichloroethene | ND | | 1.0 | 0.29 | ug/L | | | 10/24/14 05:12 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.0 | 0.41 | ug/L | | | 10/24/14 05:12 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 1.0 | 0.39 | ug/L | | | 10/24/14 05:12 | 1 |
| 1,2-Dibromoethane | ND | | 1.0 | 0.73 | ug/L | | | 10/24/14 05:12 | 1 |
| 1,2-Dichlorobenzene | ND | | 1.0 | 0.79 | ug/L | | | 10/24/14 05:12 | 1 |
| 1,2-Dichloroethane | ND | | 1.0 | 0.21 | ug/L | | | 10/24/14 05:12 | 1 |
| 1,2-Dichloropropane | ND | | 1.0 | 0.72 | ug/L | | | 10/24/14 05:12 | 1 |
| 1,3-Dichlorobenzene | ND | | 1.0 | 0.78 | ug/L | | | 10/24/14 05:12 | 1 |
| 1,4-Dichlorobenzene | ND | | 1.0 | 0.84 | ug/L | | | 10/24/14 05:12 | 1 |
| 2-Hexanone | ND | | 5.0 | 1.2 | ug/L | | | 10/24/14 05:12 | 1 |
| 2-Butanone (MEK) | ND | | 10 | 1.3 | ug/L | | | 10/24/14 05:12 | 1 |
| 4-Methyl-2-pentanone (MIBK) | ND | | 5.0 | 2.1 | ug/L | | | 10/24/14 05:12 | 1 |
| Acetone | ND | | 10 | 3.0 | ug/L | | | 10/24/14 05:12 | 1 |
| Benzene | ND | | 1.0 | 0.41 | ug/L | | | 10/24/14 05:12 | 1 |
| Bromodichloromethane | ND | | 1.0 | 0.39 | ug/L | | | 10/24/14 05:12 | 1 |
| Bromoform | ND | | 1.0 | 0.26 | ug/L | | | 10/24/14 05:12 | 1 |
| Bromomethane | ND | | 1.0 | 0.69 | ug/L | | | 10/24/14 05:12 | 1 |
| **Carbon disulfide** | **0.31** | **J** | 1.0 | 0.19 | ug/L | | | 10/24/14 05:12 | 1 |
| Carbon tetrachloride | ND | | 1.0 | 0.27 | ug/L | | | 10/24/14 05:12 | 1 |
| Chlorobenzene | ND | | 1.0 | 0.75 | ug/L | | | 10/24/14 05:12 | 1 |
| Dibromochloromethane | ND | * | 1.0 | 0.32 | ug/L | | | 10/24/14 05:12 | 1 |
| Chloroethane | ND | | 1.0 | 0.32 | ug/L | | | 10/24/14 05:12 | 1 |
| Chloroform | ND | | 1.0 | 0.34 | ug/L | | | 10/24/14 05:12 | 1 |
| Chloromethane | ND | | 1.0 | 0.35 | ug/L | | | 10/24/14 05:12 | 1 |
| cis-1,2-Dichloroethene | ND | | 1.0 | 0.81 | ug/L | | | 10/24/14 05:12 | 1 |
| cis-1,3-Dichloropropene | ND | | 1.0 | 0.36 | ug/L | | | 10/24/14 05:12 | 1 |
| Cyclohexane | ND | | 1.0 | 0.18 | ug/L | | | 10/24/14 05:12 | 1 |
| Dichlorodifluoromethane | ND | | 1.0 | 0.68 | ug/L | | | 10/24/14 05:12 | 1 |
| Ethylbenzene | ND | | 1.0 | 0.74 | ug/L | | | 10/24/14 05:12 | 1 |
| Isopropylbenzene | ND | | 1.0 | 0.79 | ug/L | | | 10/24/14 05:12 | 1 |
| Methyl acetate | ND | | 2.5 | 0.50 | ug/L | | | 10/24/14 05:12 | 1 |
| Methyl tert-butyl ether | ND | | 1.0 | 0.16 | ug/L | | | 10/24/14 05:12 | 1 |
| Methylcyclohexane | ND | | 1.0 | 0.16 | ug/L | | | 10/24/14 05:12 | 1 |
| Methylene Chloride | ND | | 1.0 | 0.44 | ug/L | | | 10/24/14 05:12 | 1 |
| Styrene | ND | | 1.0 | 0.73 | ug/L | | | 10/24/14 05:12 | 1 |
| Toluene | ND | | 1.0 | 0.51 | ug/L | | | 10/24/14 05:12 | 1 |
| trans-1,2-Dichloroethene | ND | | 1.0 | 0.90 | ug/L | | | 10/24/14 05:12 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.0 | 0.37 | ug/L | | | 10/24/14 05:12 | 1 |
| **Trichloroethene** | **12** | | 1.0 | 0.46 | ug/L | | | 10/24/14 05:12 | 1 |
| Trichlorofluoromethane | ND | | 1.0 | 0.88 | ug/L | | | 10/24/14 05:12 | 1 |
| Vinyl chloride | ND | | 1.0 | 0.90 | ug/L | | | 10/24/14 05:12 | 1 |
| Xylenes, Total | ND | | 2.0 | 0.66 | ug/L | | | 10/24/14 05:12 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *95* | | *66 - 137* | | *10/24/14 05:12* | *1* |

## Client Sample ID: SB-6

**Lab Sample ID: 480-69360-9**

**Date Collected: 10/14/14 14:05**

**Matrix: Water**

**Date Received: 10/16/14 01:00**

### Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Toluene-d8 (Surr)* | *94* | | *71 - 126* | | *10/24/14 05:12* | *1* |
| *4-Bromofluorobenzene (Surr)* | *100* | | *73 - 120* | | *10/24/14 05:12* | *1* |
| *Dibromofluoromethane (Surr)* | *103* | | *60 - 140* | | *10/24/14 05:12* | *1* |

### Method: 8260C - Volatile Organic Compounds by GC/MS - DL

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Tetrachloroethene** | **3200** | | 50 | 18 | ug/L | | | 10/25/14 04:35 | 50 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *99* | | *66 - 137* | | *10/25/14 04:35* | *50* |
| *Toluene-d8 (Surr)* | *99* | | *71 - 126* | | *10/25/14 04:35* | *50* |
| *4-Bromofluorobenzene (Surr)* | *101* | | *73 - 120* | | *10/25/14 04:35* | *50* |
| *Dibromofluoromethane (Surr)* | *104* | | *60 - 140* | | *10/25/14 04:35* | *50* |

## Client Sample ID: SB-10

**Lab Sample ID: 480-69360-10**

**Date Collected: 10/15/14 08:50**

**Matrix: Water**

**Date Received: 10/16/14 01:00**

### Method: 8260C - Volatile Organic Compounds by GC/MS

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ND | | 1.0 | 0.82 | ug/L | | | 10/24/14 05:37 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.0 | 0.21 | ug/L | | | 10/24/14 05:37 | 1 |
| 1,1,2-Trichloroethane | ND | | 1.0 | 0.23 | ug/L | | | 10/24/14 05:37 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 1.0 | 0.31 | ug/L | | | 10/24/14 05:37 | 1 |
| 1,1-Dichloroethane | ND | | 1.0 | 0.38 | ug/L | | | 10/24/14 05:37 | 1 |
| 1,1-Dichloroethene | ND | | 1.0 | 0.29 | ug/L | | | 10/24/14 05:37 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.0 | 0.41 | ug/L | | | 10/24/14 05:37 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 1.0 | 0.39 | ug/L | | | 10/24/14 05:37 | 1 |
| 1,2-Dibromoethane | ND | | 1.0 | 0.73 | ug/L | | | 10/24/14 05:37 | 1 |
| 1,2-Dichlorobenzene | ND | | 1.0 | 0.79 | ug/L | | | 10/24/14 05:37 | 1 |
| 1,2-Dichloroethane | ND | | 1.0 | 0.21 | ug/L | | | 10/24/14 05:37 | 1 |
| 1,2-Dichloropropane | ND | | 1.0 | 0.72 | ug/L | | | 10/24/14 05:37 | 1 |
| 1,3-Dichlorobenzene | ND | | 1.0 | 0.78 | ug/L | | | 10/24/14 05:37 | 1 |
| 1,4-Dichlorobenzene | ND | | 1.0 | 0.84 | ug/L | | | 10/24/14 05:37 | 1 |
| 2-Hexanone | ND | | 5.0 | 1.2 | ug/L | | | 10/24/14 05:37 | 1 |
| 2-Butanone (MEK) | ND | | 10 | 1.3 | ug/L | | | 10/24/14 05:37 | 1 |
| 4-Methyl-2-pentanone (MIBK) | ND | | 5.0 | 2.1 | ug/L | | | 10/24/14 05:37 | 1 |
| Acetone | ND | | 10 | 3.0 | ug/L | | | 10/24/14 05:37 | 1 |
| Benzene | ND | | 1.0 | 0.41 | ug/L | | | 10/24/14 05:37 | 1 |
| Bromodichloromethane | ND | | 1.0 | 0.39 | ug/L | | | 10/24/14 05:37 | 1 |
| Bromoform | ND | | 1.0 | 0.26 | ug/L | | | 10/24/14 05:37 | 1 |
| Bromomethane | ND | | 1.0 | 0.69 | ug/L | | | 10/24/14 05:37 | 1 |
| **Carbon disulfide** | **0.38** | **J** | 1.0 | 0.19 | ug/L | | | 10/24/14 05:37 | 1 |
| Carbon tetrachloride | ND | | 1.0 | 0.27 | ug/L | | | 10/24/14 05:37 | 1 |
| Chlorobenzene | ND | | 1.0 | 0.75 | ug/L | | | 10/24/14 05:37 | 1 |
| Dibromochloromethane | ND | * | 1.0 | 0.32 | ug/L | | | 10/24/14 05:37 | 1 |
| Chloroethane | ND | | 1.0 | 0.32 | ug/L | | | 10/24/14 05:37 | 1 |
| Chloroform | ND | | 1.0 | 0.34 | ug/L | | | 10/24/14 05:37 | 1 |
| Chloromethane | ND | | 1.0 | 0.35 | ug/L | | | 10/24/14 05:37 | 1 |
| cis-1,3-Dichloropropene | ND | | 1.0 | 0.36 | ug/L | | | 10/24/14 05:37 | 1 |

## Client Sample ID: SB-10

**Date Collected: 10/15/14 08:50**
**Date Received: 10/16/14 01:00**

## Lab Sample ID: 480-69360-10

**Matrix: Water**

### Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Cyclohexane | ND | | 1.0 | 0.18 | ug/L | | | 10/24/14 05:37 | 1 |
| Dichlorodifluoromethane | ND | | 1.0 | 0.68 | ug/L | | | 10/24/14 05:37 | 1 |
| Ethylbenzene | ND | | 1.0 | 0.74 | ug/L | | | 10/24/14 05:37 | 1 |
| Isopropylbenzene | ND | | 1.0 | 0.79 | ug/L | | | 10/24/14 05:37 | 1 |
| Methyl acetate | ND | | 2.5 | 0.50 | ug/L | | | 10/24/14 05:37 | 1 |
| **Methyl tert-butyl ether** | **0.43** | **J** | 1.0 | 0.16 | ug/L | | | 10/24/14 05:37 | 1 |
| Methylcyclohexane | ND | | 1.0 | 0.16 | ug/L | | | 10/24/14 05:37 | 1 |
| Methylene Chloride | ND | | 1.0 | 0.44 | ug/L | | | 10/24/14 05:37 | 1 |
| Styrene | ND | | 1.0 | 0.73 | ug/L | | | 10/24/14 05:37 | 1 |
| Toluene | ND | | 1.0 | 0.51 | ug/L | | | 10/24/14 05:37 | 1 |
| **trans-1,2-Dichloroethene** | **2.6** | | 1.0 | 0.90 | ug/L | | | 10/24/14 05:37 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.0 | 0.37 | ug/L | | | 10/24/14 05:37 | 1 |
| **Trichloroethene** | **81** | | 1.0 | 0.46 | ug/L | | | 10/24/14 05:37 | 1 |
| Trichlorofluoromethane | ND | | 1.0 | 0.88 | ug/L | | | 10/24/14 05:37 | 1 |
| **Vinyl chloride** | **3.8** | | 1.0 | 0.90 | ug/L | | | 10/24/14 05:37 | 1 |
| Xylenes, Total | ND | | 2.0 | 0.66 | ug/L | | | 10/24/14 05:37 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *96* | | *66 - 137* | | *10/24/14 05:37* | *1* |
| *Toluene-d8 (Surr)* | *97* | | *71 - 126* | | *10/24/14 05:37* | *1* |
| *4-Bromofluorobenzene (Surr)* | *100* | | *73 - 120* | | *10/24/14 05:37* | *1* |
| *Dibromofluoromethane (Surr)* | *103* | | *60 - 140* | | *10/24/14 05:37* | *1* |

### Method: 8260C - Volatile Organic Compounds by GC/MS - DL

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **cis-1,2-Dichloroethene** | **160** | | 20 | 16 | ug/L | | | 10/25/14 04:59 | 20 |
| **Tetrachloroethene** | **1000** | | 20 | 7.2 | ug/L | | | 10/25/14 04:59 | 20 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *98* | | *66 - 137* | | *10/25/14 04:59* | *20* |
| *Toluene-d8 (Surr)* | *100* | | *71 - 126* | | *10/25/14 04:59* | *20* |
| *4-Bromofluorobenzene (Surr)* | *101* | | *73 - 120* | | *10/25/14 04:59* | *20* |
| *Dibromofluoromethane (Surr)* | *103* | | *60 - 140* | | *10/25/14 04:59* | *20* |

## Client Sample ID: SB-7

**Date Collected: 10/15/14 09:35**
**Date Received: 10/16/14 01:00**

## Lab Sample ID: 480-69360-11

**Matrix: Water**

### Method: 8260C - Volatile Organic Compounds by GC/MS

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ND | | 1.0 | 0.82 | ug/L | | | 10/24/14 06:01 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.0 | 0.21 | ug/L | | | 10/24/14 06:01 | 1 |
| 1,1,2-Trichloroethane | ND | | 1.0 | 0.23 | ug/L | | | 10/24/14 06:01 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 1.0 | 0.31 | ug/L | | | 10/24/14 06:01 | 1 |
| 1,1-Dichloroethane | ND | | 1.0 | 0.38 | ug/L | | | 10/24/14 06:01 | 1 |
| 1,1-Dichloroethene | ND | | 1.0 | 0.29 | ug/L | | | 10/24/14 06:01 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.0 | 0.41 | ug/L | | | 10/24/14 06:01 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 1.0 | 0.39 | ug/L | | | 10/24/14 06:01 | 1 |
| 1,2-Dibromoethane | ND | | 1.0 | 0.73 | ug/L | | | 10/24/14 06:01 | 1 |
| 1,2-Dichlorobenzene | ND | | 1.0 | 0.79 | ug/L | | | 10/24/14 06:01 | 1 |

**Client Sample ID: SB-7**
**Date Collected: 10/15/14 09:35**
**Date Received: 10/16/14 01:00**

**Lab Sample ID: 480-69360-11**
**Matrix: Water**

## Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,2-Dichloroethane | ND | | 1.0 | 0.21 | ug/L | | | 10/24/14 06:01 | 1 |
| 1,2-Dichloropropane | ND | | 1.0 | 0.72 | ug/L | | | 10/24/14 06:01 | 1 |
| 1,3-Dichlorobenzene | ND | | 1.0 | 0.78 | ug/L | | | 10/24/14 06:01 | 1 |
| 1,4-Dichlorobenzene | ND | | 1.0 | 0.84 | ug/L | | | 10/24/14 06:01 | 1 |
| 2-Hexanone | ND | | 5.0 | 1.2 | ug/L | | | 10/24/14 06:01 | 1 |
| 2-Butanone (MEK) | ND | | 10 | 1.3 | ug/L | | | 10/24/14 06:01 | 1 |
| 4-Methyl-2-pentanone (MIBK) | ND | | 5.0 | 2.1 | ug/L | | | 10/24/14 06:01 | 1 |
| Acetone | ND | | 10 | 3.0 | ug/L | | | 10/24/14 06:01 | 1 |
| Benzene | ND | | 1.0 | 0.41 | ug/L | | | 10/24/14 06:01 | 1 |
| Bromodichloromethane | ND | | 1.0 | 0.39 | ug/L | | | 10/24/14 06:01 | 1 |
| Bromoform | ND | | 1.0 | 0.26 | ug/L | | | 10/24/14 06:01 | 1 |
| Bromomethane | ND | | 1.0 | 0.69 | ug/L | | | 10/24/14 06:01 | 1 |
| Carbon disulfide | ND | | 1.0 | 0.19 | ug/L | | | 10/24/14 06:01 | 1 |
| Carbon tetrachloride | ND | | 1.0 | 0.27 | ug/L | | | 10/24/14 06:01 | 1 |
| Chlorobenzene | ND | | 1.0 | 0.75 | ug/L | | | 10/24/14 06:01 | 1 |
| Dibromochloromethane | ND | * | 1.0 | 0.32 | ug/L | | | 10/24/14 06:01 | 1 |
| Chloroethane | ND | | 1.0 | 0.32 | ug/L | | | 10/24/14 06:01 | 1 |
| Chloroform | ND | | 1.0 | 0.34 | ug/L | | | 10/24/14 06:01 | 1 |
| Chloromethane | ND | | 1.0 | 0.35 | ug/L | | | 10/24/14 06:01 | 1 |
| **cis-1,2-Dichloroethene** | **1.1** | | 1.0 | 0.81 | ug/L | | | 10/24/14 06:01 | 1 |
| cis-1,3-Dichloropropene | ND | | 1.0 | 0.36 | ug/L | | | 10/24/14 06:01 | 1 |
| Cyclohexane | ND | | 1.0 | 0.18 | ug/L | | | 10/24/14 06:01 | 1 |
| Dichlorodifluoromethane | ND | | 1.0 | 0.68 | ug/L | | | 10/24/14 06:01 | 1 |
| Ethylbenzene | ND | | 1.0 | 0.74 | ug/L | | | 10/24/14 06:01 | 1 |
| Isopropylbenzene | ND | | 1.0 | 0.79 | ug/L | | | 10/24/14 06:01 | 1 |
| Methyl acetate | ND | | 2.5 | 0.50 | ug/L | | | 10/24/14 06:01 | 1 |
| Methyl tert-butyl ether | ND | | 1.0 | 0.16 | ug/L | | | 10/24/14 06:01 | 1 |
| Methylcyclohexane | ND | | 1.0 | 0.16 | ug/L | | | 10/24/14 06:01 | 1 |
| Methylene Chloride | ND | | 1.0 | 0.44 | ug/L | | | 10/24/14 06:01 | 1 |
| Styrene | ND | | 1.0 | 0.73 | ug/L | | | 10/24/14 06:01 | 1 |
| Toluene | ND | | 1.0 | 0.51 | ug/L | | | 10/24/14 06:01 | 1 |
| trans-1,2-Dichloroethene | ND | | 1.0 | 0.90 | ug/L | | | 10/24/14 06:01 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.0 | 0.37 | ug/L | | | 10/24/14 06:01 | 1 |
| **Trichloroethene** | **11** | | 1.0 | 0.46 | ug/L | | | 10/24/14 06:01 | 1 |
| Trichlorofluoromethane | ND | | 1.0 | 0.88 | ug/L | | | 10/24/14 06:01 | 1 |
| Vinyl chloride | ND | | 1.0 | 0.90 | ug/L | | | 10/24/14 06:01 | 1 |
| Xylenes, Total | ND | | 2.0 | 0.66 | ug/L | | | 10/24/14 06:01 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *95* | | *66 - 137* | | *10/24/14 06:01* | *1* |
| *Toluene-d8 (Surr)* | *94* | | *71 - 126* | | *10/24/14 06:01* | *1* |
| *4-Bromofluorobenzene (Surr)* | *100* | | *73 - 120* | | *10/24/14 06:01* | *1* |
| *Dibromofluoromethane (Surr)* | *102* | | *60 - 140* | | *10/24/14 06:01* | *1* |

## Method: 8260C - Volatile Organic Compounds by GC/MS - DL

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Tetrachloroethene** | **3200** | | 40 | 14 | ug/L | | | 10/25/14 05:23 | 40 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *97* | | *66 - 137* | | *10/25/14 05:23* | *40* |

Client: URS Corporation
Project/Site: Walgreens Site (Kingston, NY)

TestAmerica Job ID: 480-69360-1

**Client Sample ID: SB-7**
**Date Collected: 10/15/14 09:35**
**Date Received: 10/16/14 01:00**

**Lab Sample ID: 480-69360-11**
**Matrix: Water**

**Method: 8260C - Volatile Organic Compounds by GC/MS - DL (Continued)**

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| Toluene-d8 (Surr) | 99 | | 71 - 126 | | 10/25/14 05:23 | 40 |
| 4-Bromofluorobenzene (Surr) | 102 | | 73 - 120 | | 10/25/14 05:23 | 40 |
| Dibromofluoromethane (Surr) | 102 | | 60 - 140 | | 10/25/14 05:23 | 40 |

# Surrogate Summary

Client: URS Corporation
Project/Site: Walgreens Site (Kingston, NY)

TestAmerica Job ID: 480-69360-1

## Method: 8260C - Volatile Organic Compounds by GC/MS

**Matrix: Water** **Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | | | |
|---|---|---|---|---|---|
| | | 12DCE | TOL | BFB | DBFM |
| Lab Sample ID | Client Sample ID | (66-137) | (71-126) | (73-120) | (60-140) |
| 480-69360-1 | SB-2 | 97 | 92 | 99 | 102 |
| 480-69360-1 - DL | SB-2 | 100 | 99 | 100 | 103 |
| 480-69360-2 | SB-3 | 97 | 96 | 101 | 103 |
| 480-69360-3 | SB-1 | 96 | 98 | 101 | 102 |
| 480-69360-3 - DL | SB-1 | 99 | 99 | 100 | 102 |
| 480-69360-4 | SB-4 | 94 | 95 | 100 | 102 |
| 480-69360-4 - DL | SB-4 | 95 | 97 | 98 | 102 |
| 480-69360-5 | SB-5 | 97 | 93 | 97 | 102 |
| 480-69360-5 - DL | SB-5 | 96 | 97 | 100 | 103 |
| 480-69360-5 MS | SB-5 | 101 | 102 | 103 | 105 |
| 480-69360-5 MSD | SB-5 | 95 | 99 | 98 | 105 |
| 480-69360-6 | SB-9 | 97 | 94 | 101 | 105 |
| 480-69360-6 - DL | SB-9 | 96 | 98 | 103 | 105 |
| 480-69360-7 | SB-8 | 95 | 96 | 99 | 101 |
| 480-69360-7 - DL | SB-8 | 97 | 99 | 101 | 103 |
| 480-69360-7 MS | SB-8 | 97 | 98 | 98 | 102 |
| 480-69360-7 MSD | SB-8 | 97 | 97 | 101 | 101 |
| 480-69360-8 | B-20 | 97 | 97 | 102 | 104 |
| 480-69360-8 - DL | B-20 | 99 | 97 | 99 | 103 |
| 480-69360-8 MS | B-20 | 95 | 100 | 104 | 105 |
| 480-69360-8 MSD | B-20 | 96 | 100 | 100 | 106 |
| 480-69360-9 | SB-6 | 95 | 94 | 100 | 103 |
| 480-69360-9 - DL | SB-6 | 99 | 99 | 101 | 104 |
| 480-69360-10 | SB-10 | 96 | 97 | 100 | 103 |
| 480-69360-10 - DL | SB-10 | 98 | 100 | 101 | 103 |
| 480-69360-11 | SB-7 | 95 | 94 | 100 | 102 |
| 480-69360-11 - DL | SB-7 | 97 | 99 | 102 | 102 |
| LCS 480-209708/4 | Lab Control Sample | 95 | 99 | 100 | 104 |
| LCS 480-209783/4 | Lab Control Sample | 97 | 100 | 104 | 103 |
| LCS 480-209989/4 | Lab Control Sample | 94 | 101 | 105 | 101 |
| MB 480-209708/6 | Method Blank | 98 | 99 | 101 | 101 |
| MB 480-209783/6 | Method Blank | 97 | 102 | 104 | 105 |
| MB 480-209989/6 | Method Blank | 99 | 99 | 101 | 107 |

**Surrogate Legend**

12DCE = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)

## Method: 8260C - Volatile Organic Compounds by GC/MS

**Lab Sample ID: MB 480-209708/6**
**Matrix: Water**
**Analysis Batch: 209708**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ND | | 1.0 | 0.82 | ug/L | | | 10/23/14 23:26 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.0 | 0.21 | ug/L | | | 10/23/14 23:26 | 1 |
| 1,1,2-Trichloroethane | ND | | 1.0 | 0.23 | ug/L | | | 10/23/14 23:26 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 1.0 | 0.31 | ug/L | | | 10/23/14 23:26 | 1 |
| 1,1-Dichloroethane | ND | | 1.0 | 0.38 | ug/L | | | 10/23/14 23:26 | 1 |
| 1,1-Dichloroethene | ND | | 1.0 | 0.29 | ug/L | | | 10/23/14 23:26 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.0 | 0.41 | ug/L | | | 10/23/14 23:26 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 1.0 | 0.39 | ug/L | | | 10/23/14 23:26 | 1 |
| 1,2-Dibromoethane | ND | | 1.0 | 0.73 | ug/L | | | 10/23/14 23:26 | 1 |
| 1,2-Dichlorobenzene | ND | | 1.0 | 0.79 | ug/L | | | 10/23/14 23:26 | 1 |
| 1,2-Dichloroethane | ND | | 1.0 | 0.21 | ug/L | | | 10/23/14 23:26 | 1 |
| 1,2-Dichloropropane | ND | | 1.0 | 0.72 | ug/L | | | 10/23/14 23:26 | 1 |
| 1,3-Dichlorobenzene | ND | | 1.0 | 0.78 | ug/L | | | 10/23/14 23:26 | 1 |
| 1,4-Dichlorobenzene | ND | | 1.0 | 0.84 | ug/L | | | 10/23/14 23:26 | 1 |
| 2-Hexanone | ND | | 5.0 | 1.2 | ug/L | | | 10/23/14 23:26 | 1 |
| 2-Butanone (MEK) | ND | | 10 | 1.3 | ug/L | | | 10/23/14 23:26 | 1 |
| 4-Methyl-2-pentanone (MIBK) | ND | | 5.0 | 2.1 | ug/L | | | 10/23/14 23:26 | 1 |
| Acetone | ND | | 10 | 3.0 | ug/L | | | 10/23/14 23:26 | 1 |
| Benzene | ND | | 1.0 | 0.41 | ug/L | | | 10/23/14 23:26 | 1 |
| Bromodichloromethane | ND | | 1.0 | 0.39 | ug/L | | | 10/23/14 23:26 | 1 |
| Bromoform | ND | | 1.0 | 0.26 | ug/L | | | 10/23/14 23:26 | 1 |
| Bromomethane | ND | | 1.0 | 0.69 | ug/L | | | 10/23/14 23:26 | 1 |
| Carbon disulfide | ND | | 1.0 | 0.19 | ug/L | | | 10/23/14 23:26 | 1 |
| Carbon tetrachloride | ND | | 1.0 | 0.27 | ug/L | | | 10/23/14 23:26 | 1 |
| Chlorobenzene | ND | | 1.0 | 0.75 | ug/L | | | 10/23/14 23:26 | 1 |
| Dibromochloromethane | ND | | 1.0 | 0.32 | ug/L | | | 10/23/14 23:26 | 1 |
| Chloroethane | ND | | 1.0 | 0.32 | ug/L | | | 10/23/14 23:26 | 1 |
| Chloroform | ND | | 1.0 | 0.34 | ug/L | | | 10/23/14 23:26 | 1 |
| Chloromethane | ND | | 1.0 | 0.35 | ug/L | | | 10/23/14 23:26 | 1 |
| cis-1,2-Dichloroethene | ND | | 1.0 | 0.81 | ug/L | | | 10/23/14 23:26 | 1 |
| cis-1,3-Dichloropropene | ND | | 1.0 | 0.36 | ug/L | | | 10/23/14 23:26 | 1 |
| Cyclohexane | ND | | 1.0 | 0.18 | ug/L | | | 10/23/14 23:26 | 1 |
| Dichlorodifluoromethane | ND | | 1.0 | 0.68 | ug/L | | | 10/23/14 23:26 | 1 |
| Ethylbenzene | ND | | 1.0 | 0.74 | ug/L | | | 10/23/14 23:26 | 1 |
| Isopropylbenzene | ND | | 1.0 | 0.79 | ug/L | | | 10/23/14 23:26 | 1 |
| Methyl acetate | ND | | 2.5 | 0.50 | ug/L | | | 10/23/14 23:26 | 1 |
| Methyl tert-butyl ether | ND | | 1.0 | 0.16 | ug/L | | | 10/23/14 23:26 | 1 |
| Methylcyclohexane | ND | | 1.0 | 0.16 | ug/L | | | 10/23/14 23:26 | 1 |
| Methylene Chloride | ND | | 1.0 | 0.44 | ug/L | | | 10/23/14 23:26 | 1 |
| Styrene | ND | | 1.0 | 0.73 | ug/L | | | 10/23/14 23:26 | 1 |
| Tetrachloroethene | ND | | 1.0 | 0.36 | ug/L | | | 10/23/14 23:26 | 1 |
| Toluene | ND | | 1.0 | 0.51 | ug/L | | | 10/23/14 23:26 | 1 |
| trans-1,2-Dichloroethene | ND | | 1.0 | 0.90 | ug/L | | | 10/23/14 23:26 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.0 | 0.37 | ug/L | | | 10/23/14 23:26 | 1 |
| Trichloroethene | ND | | 1.0 | 0.46 | ug/L | | | 10/23/14 23:26 | 1 |
| Trichlorofluoromethane | ND | | 1.0 | 0.88 | ug/L | | | 10/23/14 23:26 | 1 |
| Vinyl chloride | ND | | 1.0 | 0.90 | ug/L | | | 10/23/14 23:26 | 1 |
| Xylenes, Total | ND | | 2.0 | 0.66 | ug/L | | | 10/23/14 23:26 | 1 |

## Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

**Lab Sample ID: MB 480-209708/6**
**Matrix: Water**
**Analysis Batch: 209708**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| 1,2-Dichloroethane-d4 (Surr) | 98 | | 66 - 137 | | 10/23/14 23:26 | 1 |
| Toluene-d8 (Surr) | 99 | | 71 - 126 | | 10/23/14 23:26 | 1 |
| 4-Bromofluorobenzene (Surr) | 101 | | 73 - 120 | | 10/23/14 23:26 | 1 |
| Dibromofluoromethane (Surr) | 101 | | 60 - 140 | | 10/23/14 23:26 | 1 |

**Lab Sample ID: LCS 480-209708/4**
**Matrix: Water**
**Analysis Batch: 209708**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethane | 25.0 | 23.9 | | ug/L | | 96 | 71 - 129 |
| 1,1-Dichloroethene | 25.0 | 25.4 | | ug/L | | 101 | 58 - 121 |
| 1,2-Dichlorobenzene | 25.0 | 24.8 | | ug/L | | 99 | 80 - 124 |
| 1,2-Dichloroethane | 25.0 | 22.5 | | ug/L | | 90 | 75 - 127 |
| Benzene | 25.0 | 24.7 | | ug/L | | 99 | 71 - 124 |
| Chlorobenzene | 25.0 | 24.5 | | ug/L | | 98 | 72 - 120 |
| cis-1,2-Dichloroethene | 25.0 | 24.7 | | ug/L | | 99 | 74 - 124 |
| Ethylbenzene | 25.0 | 24.3 | | ug/L | | 97 | 77 - 123 |
| Methyl tert-butyl ether | 25.0 | 25.0 | | ug/L | | 100 | 64 - 127 |
| Tetrachloroethene | 25.0 | 24.0 | | ug/L | | 96 | 74 - 122 |
| Toluene | 25.0 | 24.3 | | ug/L | | 97 | 80 - 122 |
| trans-1,2-Dichloroethene | 25.0 | 24.8 | | ug/L | | 99 | 73 - 127 |
| Trichloroethene | 25.0 | 24.7 | | ug/L | | 99 | 74 - 123 |

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|---|---|---|---|
| 1,2-Dichloroethane-d4 (Surr) | 95 | | 66 - 137 |
| Toluene-d8 (Surr) | 99 | | 71 - 126 |
| 4-Bromofluorobenzene (Surr) | 100 | | 73 - 120 |
| Dibromofluoromethane (Surr) | 104 | | 60 - 140 |

**Lab Sample ID: 480-69360-7 MS**
**Matrix: Water**
**Analysis Batch: 209708**

**Client Sample ID: SB-8**
**Prep Type: Total/NA**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethane | ND | | 25.0 | 25.6 | | ug/L | | 102 | 71 - 129 |
| 1,1-Dichloroethene | ND | | 25.0 | 28.1 | | ug/L | | 113 | 58 - 121 |
| 1,2-Dichlorobenzene | ND | | 25.0 | 25.4 | | ug/L | | 102 | 80 - 124 |
| 1,2-Dichloroethane | ND | | 25.0 | 23.4 | | ug/L | | 94 | 75 - 127 |
| Benzene | ND | | 25.0 | 26.1 | | ug/L | | 104 | 71 - 124 |
| Chlorobenzene | ND | | 25.0 | 25.7 | | ug/L | | 103 | 72 - 120 |
| cis-1,2-Dichloroethene | 170 | E | 25.0 | 179 | E 4 | ug/L | | 29 | 74 - 124 |
| Ethylbenzene | ND | | 25.0 | 25.4 | | ug/L | | 102 | 77 - 123 |
| Methyl tert-butyl ether | 0.20 | J | 25.0 | 25.4 | | ug/L | | 101 | 64 - 127 |
| Tetrachloroethene | 970 | E | 25.0 | 926 | E 4 | ug/L | | -166 | 74 - 122 |
| Toluene | ND | | 25.0 | 24.9 | | ug/L | | 100 | 80 - 122 |
| trans-1,2-Dichloroethene | 3.0 | | 25.0 | 29.2 | | ug/L | | 105 | 73 - 127 |
| Trichloroethene | 50 | | 25.0 | 71.4 | | ug/L | | 86 | 74 - 123 |

## Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

**Lab Sample ID: 480-69360-7 MS**
**Matrix: Water**
**Analysis Batch: 209708**

**Client Sample ID: SB-8**
**Prep Type: Total/NA**

| Surrogate | MS %Recovery | MS Qualifier | Limits |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *97* | | *66 - 137* |
| *Toluene-d8 (Surr)* | *98* | | *71 - 126* |
| *4-Bromofluorobenzene (Surr)* | *98* | | *73 - 120* |
| *Dibromofluoromethane (Surr)* | *102* | | *60 - 140* |

**Lab Sample ID: 480-69360-7 MSD**
**Matrix: Water**
**Analysis Batch: 209708**

**Client Sample ID: SB-8**
**Prep Type: Total/NA**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethane | ND | | 25.0 | 25.1 | | ug/L | | 100 | 71 - 129 | 2 | 20 |
| 1,1-Dichloroethene | ND | | 25.0 | 27.4 | | ug/L | | 110 | 58 - 121 | 3 | 16 |
| 1,2-Dichlorobenzene | ND | | 25.0 | 25.7 | | ug/L | | 103 | 80 - 124 | 1 | 20 |
| 1,2-Dichloroethane | ND | | 25.0 | 22.9 | | ug/L | | 92 | 75 - 127 | 2 | 20 |
| Benzene | ND | | 25.0 | 25.6 | | ug/L | | 102 | 71 - 124 | 2 | 13 |
| Chlorobenzene | ND | | 25.0 | 25.3 | | ug/L | | 101 | 72 - 120 | 1 | 25 |
| cis-1,2-Dichloroethene | 170 | E | 25.0 | 173 | E 4 | ug/L | | 3 | 74 - 124 | 4 | 15 |
| Ethylbenzene | ND | | 25.0 | 25.0 | | ug/L | | 100 | 77 - 123 | 2 | 15 |
| Methyl tert-butyl ether | 0.20 | J | 25.0 | 25.3 | | ug/L | | 100 | 64 - 127 | 1 | 37 |
| Tetrachloroethene | 970 | E | 25.0 | 917 | E 4 | ug/L | | -202 | 74 - 122 | 1 | 20 |
| Toluene | ND | | 25.0 | 24.7 | | ug/L | | 99 | 80 - 122 | 1 | 15 |
| trans-1,2-Dichloroethene | 3.0 | | 25.0 | 27.9 | | ug/L | | 100 | 73 - 127 | 5 | 20 |
| Trichloroethene | 50 | | 25.0 | 69.7 | | ug/L | | 79 | 74 - 123 | 2 | 16 |

| Surrogate | MSD %Recovery | MSD Qualifier | Limits |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *97* | | *66 - 137* |
| *Toluene-d8 (Surr)* | *97* | | *71 - 126* |
| *4-Bromofluorobenzene (Surr)* | *101* | | *73 - 120* |
| *Dibromofluoromethane (Surr)* | *101* | | *60 - 140* |

**Lab Sample ID: MB 480-209783/6**
**Matrix: Water**
**Analysis Batch: 209783**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ND | | 1.0 | 0.82 | ug/L | | | 10/24/14 12:08 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.0 | 0.21 | ug/L | | | 10/24/14 12:08 | 1 |
| 1,1,2-Trichloroethane | ND | | 1.0 | 0.23 | ug/L | | | 10/24/14 12:08 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 1.0 | 0.31 | ug/L | | | 10/24/14 12:08 | 1 |
| 1,1-Dichloroethane | ND | | 1.0 | 0.38 | ug/L | | | 10/24/14 12:08 | 1 |
| 1,1-Dichloroethene | ND | | 1.0 | 0.29 | ug/L | | | 10/24/14 12:08 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.0 | 0.41 | ug/L | | | 10/24/14 12:08 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 1.0 | 0.39 | ug/L | | | 10/24/14 12:08 | 1 |
| 1,2-Dibromoethane | ND | | 1.0 | 0.73 | ug/L | | | 10/24/14 12:08 | 1 |
| 1,2-Dichlorobenzene | ND | | 1.0 | 0.79 | ug/L | | | 10/24/14 12:08 | 1 |
| 1,2-Dichloroethane | ND | | 1.0 | 0.21 | ug/L | | | 10/24/14 12:08 | 1 |
| 1,2-Dichloropropane | ND | | 1.0 | 0.72 | ug/L | | | 10/24/14 12:08 | 1 |
| 1,3-Dichlorobenzene | ND | | 1.0 | 0.78 | ug/L | | | 10/24/14 12:08 | 1 |

## Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

**Lab Sample ID: MB 480-209783/6**
**Matrix: Water**
**Analysis Batch: 209783**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,4-Dichlorobenzene | ND | | 1.0 | 0.84 | ug/L | | | 10/24/14 12:08 | 1 |
| 2-Hexanone | ND | | 5.0 | 1.2 | ug/L | | | 10/24/14 12:08 | 1 |
| 2-Butanone (MEK) | ND | | 10 | 1.3 | ug/L | | | 10/24/14 12:08 | 1 |
| 4-Methyl-2-pentanone (MIBK) | ND | | 5.0 | 2.1 | ug/L | | | 10/24/14 12:08 | 1 |
| Acetone | ND | | 10 | 3.0 | ug/L | | | 10/24/14 12:08 | 1 |
| Benzene | ND | | 1.0 | 0.41 | ug/L | | | 10/24/14 12:08 | 1 |
| Bromodichloromethane | ND | | 1.0 | 0.39 | ug/L | | | 10/24/14 12:08 | 1 |
| Bromoform | ND | | 1.0 | 0.26 | ug/L | | | 10/24/14 12:08 | 1 |
| Bromomethane | ND | | 1.0 | 0.69 | ug/L | | | 10/24/14 12:08 | 1 |
| Carbon disulfide | ND | | 1.0 | 0.19 | ug/L | | | 10/24/14 12:08 | 1 |
| Carbon tetrachloride | ND | | 1.0 | 0.27 | ug/L | | | 10/24/14 12:08 | 1 |
| Chlorobenzene | ND | | 1.0 | 0.75 | ug/L | | | 10/24/14 12:08 | 1 |
| Dibromochloromethane | ND | | 1.0 | 0.32 | ug/L | | | 10/24/14 12:08 | 1 |
| Chloroethane | ND | | 1.0 | 0.32 | ug/L | | | 10/24/14 12:08 | 1 |
| Chloroform | ND | | 1.0 | 0.34 | ug/L | | | 10/24/14 12:08 | 1 |
| Chloromethane | ND | | 1.0 | 0.35 | ug/L | | | 10/24/14 12:08 | 1 |
| cis-1,2-Dichloroethene | ND | | 1.0 | 0.81 | ug/L | | | 10/24/14 12:08 | 1 |
| cis-1,3-Dichloropropene | ND | | 1.0 | 0.36 | ug/L | | | 10/24/14 12:08 | 1 |
| Cyclohexane | ND | | 1.0 | 0.18 | ug/L | | | 10/24/14 12:08 | 1 |
| Dichlorodifluoromethane | ND | | 1.0 | 0.68 | ug/L | | | 10/24/14 12:08 | 1 |
| Ethylbenzene | ND | | 1.0 | 0.74 | ug/L | | | 10/24/14 12:08 | 1 |
| Isopropylbenzene | ND | | 1.0 | 0.79 | ug/L | | | 10/24/14 12:08 | 1 |
| Methyl acetate | ND | | 2.5 | 0.50 | ug/L | | | 10/24/14 12:08 | 1 |
| Methyl tert-butyl ether | ND | | 1.0 | 0.16 | ug/L | | | 10/24/14 12:08 | 1 |
| Methylcyclohexane | ND | | 1.0 | 0.16 | ug/L | | | 10/24/14 12:08 | 1 |
| Methylene Chloride | ND | | 1.0 | 0.44 | ug/L | | | 10/24/14 12:08 | 1 |
| Styrene | ND | | 1.0 | 0.73 | ug/L | | | 10/24/14 12:08 | 1 |
| Tetrachloroethene | ND | | 1.0 | 0.36 | ug/L | | | 10/24/14 12:08 | 1 |
| Toluene | ND | | 1.0 | 0.51 | ug/L | | | 10/24/14 12:08 | 1 |
| trans-1,2-Dichloroethene | ND | | 1.0 | 0.90 | ug/L | | | 10/24/14 12:08 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.0 | 0.37 | ug/L | | | 10/24/14 12:08 | 1 |
| Trichloroethene | ND | | 1.0 | 0.46 | ug/L | | | 10/24/14 12:08 | 1 |
| Trichlorofluoromethane | ND | | 1.0 | 0.88 | ug/L | | | 10/24/14 12:08 | 1 |
| Vinyl chloride | ND | | 1.0 | 0.90 | ug/L | | | 10/24/14 12:08 | 1 |
| Xylenes, Total | ND | | 2.0 | 0.66 | ug/L | | | 10/24/14 12:08 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *97* | | *66 - 137* | | *10/24/14 12:08* | *1* |
| *Toluene-d8 (Surr)* | *102* | | *71 - 126* | | *10/24/14 12:08* | *1* |
| *4-Bromofluorobenzene (Surr)* | *104* | | *73 - 120* | | *10/24/14 12:08* | *1* |
| *Dibromofluoromethane (Surr)* | *105* | | *60 - 140* | | *10/24/14 12:08* | *1* |

**Lab Sample ID: LCS 480-209783/4**
**Matrix: Water**
**Analysis Batch: 209783**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethane | 25.0 | 26.3 | | ug/L | | 105 | 71 - 129 |

## Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

**Lab Sample ID: LCS 480-209783/4**
**Matrix: Water**
**Analysis Batch: 209783**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | 25.0 | 27.4 | | ug/L | | 109 | 58 - 121 |
| 1,2-Dichlorobenzene | 25.0 | 25.8 | | ug/L | | 103 | 80 - 124 |
| 1,2-Dichloroethane | 25.0 | 23.7 | | ug/L | | 95 | 75 - 127 |
| Benzene | 25.0 | 26.6 | | ug/L | | 106 | 71 - 124 |
| Chlorobenzene | 25.0 | 26.4 | | ug/L | | 105 | 72 - 120 |
| cis-1,2-Dichloroethene | 25.0 | 26.9 | | ug/L | | 108 | 74 - 124 |
| Ethylbenzene | 25.0 | 25.9 | | ug/L | | 103 | 77 - 123 |
| Methyl tert-butyl ether | 25.0 | 26.3 | | ug/L | | 105 | 64 - 127 |
| Tetrachloroethene | 25.0 | 26.5 | | ug/L | | 106 | 74 - 122 |
| Toluene | 25.0 | 26.5 | | ug/L | | 106 | 80 - 122 |
| trans-1,2-Dichloroethene | 25.0 | 27.7 | | ug/L | | 111 | 73 - 127 |
| Trichloroethene | 25.0 | 26.1 | | ug/L | | 104 | 74 - 123 |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *97* | | *66 - 137* |
| *Toluene-d8 (Surr)* | *100* | | *71 - 126* |
| *4-Bromofluorobenzene (Surr)* | *104* | | *73 - 120* |
| *Dibromofluoromethane (Surr)* | *103* | | *60 - 140* |

**Lab Sample ID: 480-69360-8 MS**
**Matrix: Water**
**Analysis Batch: 209783**

**Client Sample ID: B-20**
**Prep Type: Total/NA**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethane | ND | | 500 | 508 | | ug/L | | 102 | 71 - 129 |
| 1,1-Dichloroethene | ND | | 500 | 538 | | ug/L | | 108 | 58 - 121 |
| 1,2-Dichlorobenzene | ND | | 500 | 490 | | ug/L | | 98 | 80 - 124 |
| 1,2-Dichloroethane | ND | | 500 | 465 | | ug/L | | 93 | 75 - 127 |
| Benzene | ND | | 500 | 515 | | ug/L | | 103 | 71 - 124 |
| Chlorobenzene | ND | | 500 | 503 | | ug/L | | 101 | 72 - 120 |
| cis-1,2-Dichloroethene | 220 | | 500 | 704 | | ug/L | | 97 | 74 - 124 |
| Ethylbenzene | ND | | 500 | 507 | | ug/L | | 101 | 77 - 123 |
| Methyl tert-butyl ether | ND | | 500 | 500 | | ug/L | | 100 | 64 - 127 |
| Tetrachloroethene | 1000 | | 500 | 1400 | | ug/L | | 76 | 74 - 122 |
| Toluene | ND | | 500 | 510 | | ug/L | | 102 | 80 - 122 |
| trans-1,2-Dichloroethene | ND | | 500 | 533 | | ug/L | | 107 | 73 - 127 |
| Trichloroethene | 61 | | 500 | 565 | | ug/L | | 101 | 74 - 123 |

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *95* | | *66 - 137* |
| *Toluene-d8 (Surr)* | *100* | | *71 - 126* |
| *4-Bromofluorobenzene (Surr)* | *104* | | *73 - 120* |
| *Dibromofluoromethane (Surr)* | *105* | | *60 - 140* |

## Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

**Lab Sample ID: 480-69360-8 MSD**
**Matrix: Water**
**Analysis Batch: 209783**

**Client Sample ID: B-20**
**Prep Type: Total/NA**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethane | ND | | 500 | 483 | | ug/L | | 97 | 71 - 129 | 5 | 20 |
| 1,1-Dichloroethene | ND | | 500 | 528 | | ug/L | | 106 | 58 - 121 | 2 | 16 |
| 1,2-Dichlorobenzene | ND | | 500 | 483 | | ug/L | | 97 | 80 - 124 | 1 | 20 |
| 1,2-Dichloroethane | ND | | 500 | 444 | | ug/L | | 89 | 75 - 127 | 5 | 20 |
| Benzene | ND | | 500 | 491 | | ug/L | | 98 | 71 - 124 | 5 | 13 |
| Chlorobenzene | ND | | 500 | 481 | | ug/L | | 96 | 72 - 120 | 4 | 25 |
| cis-1,2-Dichloroethene | 220 | | 500 | 677 | | ug/L | | 91 | 74 - 124 | 4 | 15 |
| Ethylbenzene | ND | | 500 | 482 | | ug/L | | 96 | 77 - 123 | 5 | 15 |
| Methyl tert-butyl ether | ND | | 500 | 487 | | ug/L | | 97 | 64 - 127 | 3 | 37 |
| Tetrachloroethene | 1000 | | 500 | 1330 | F1 | ug/L | | 61 | 74 - 122 | 6 | 20 |
| Toluene | ND | | 500 | 477 | | ug/L | | 95 | 80 - 122 | 7 | 15 |
| trans-1,2-Dichloroethene | ND | | 500 | 509 | | ug/L | | 102 | 73 - 127 | 5 | 20 |
| Trichloroethene | 61 | | 500 | 547 | | ug/L | | 97 | 74 - 123 | 3 | 16 |

| *Surrogate* | *MSD %Recovery* | *MSD Qualifier* | *Limits* |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *96* | | *66 - 137* |
| *Toluene-d8 (Surr)* | *100* | | *71 - 126* |
| *4-Bromofluorobenzene (Surr)* | *100* | | *73 - 120* |
| *Dibromofluoromethane (Surr)* | *106* | | *60 - 140* |

**Lab Sample ID: MB 480-209989/6**
**Matrix: Water**
**Analysis Batch: 209989**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ND | | 1.0 | 0.82 | ug/L | | | 10/24/14 22:38 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.0 | 0.21 | ug/L | | | 10/24/14 22:38 | 1 |
| 1,1,2-Trichloroethane | ND | | 1.0 | 0.23 | ug/L | | | 10/24/14 22:38 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 1.0 | 0.31 | ug/L | | | 10/24/14 22:38 | 1 |
| 1,1-Dichloroethane | ND | | 1.0 | 0.38 | ug/L | | | 10/24/14 22:38 | 1 |
| 1,1-Dichloroethene | ND | | 1.0 | 0.29 | ug/L | | | 10/24/14 22:38 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.0 | 0.41 | ug/L | | | 10/24/14 22:38 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 1.0 | 0.39 | ug/L | | | 10/24/14 22:38 | 1 |
| 1,2-Dibromoethane | ND | | 1.0 | 0.73 | ug/L | | | 10/24/14 22:38 | 1 |
| 1,2-Dichlorobenzene | ND | | 1.0 | 0.79 | ug/L | | | 10/24/14 22:38 | 1 |
| 1,2-Dichloroethane | ND | | 1.0 | 0.21 | ug/L | | | 10/24/14 22:38 | 1 |
| 1,2-Dichloropropane | ND | | 1.0 | 0.72 | ug/L | | | 10/24/14 22:38 | 1 |
| 1,3-Dichlorobenzene | ND | | 1.0 | 0.78 | ug/L | | | 10/24/14 22:38 | 1 |
| 1,4-Dichlorobenzene | ND | | 1.0 | 0.84 | ug/L | | | 10/24/14 22:38 | 1 |
| 2-Hexanone | ND | | 5.0 | 1.2 | ug/L | | | 10/24/14 22:38 | 1 |
| 2-Butanone (MEK) | ND | | 10 | 1.3 | ug/L | | | 10/24/14 22:38 | 1 |
| 4-Methyl-2-pentanone (MIBK) | ND | | 5.0 | 2.1 | ug/L | | | 10/24/14 22:38 | 1 |
| Acetone | ND | | 10 | 3.0 | ug/L | | | 10/24/14 22:38 | 1 |
| Benzene | ND | | 1.0 | 0.41 | ug/L | | | 10/24/14 22:38 | 1 |
| Bromodichloromethane | ND | | 1.0 | 0.39 | ug/L | | | 10/24/14 22:38 | 1 |
| Bromoform | ND | | 1.0 | 0.26 | ug/L | | | 10/24/14 22:38 | 1 |
| Bromomethane | ND | | 1.0 | 0.69 | ug/L | | | 10/24/14 22:38 | 1 |
| Carbon disulfide | ND | | 1.0 | 0.19 | ug/L | | | 10/24/14 22:38 | 1 |

## Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

**Lab Sample ID: MB 480-209989/6**
**Matrix: Water**
**Analysis Batch: 209989**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Carbon tetrachloride | ND | | 1.0 | 0.27 | ug/L | | | 10/24/14 22:38 | 1 |
| Chlorobenzene | ND | | 1.0 | 0.75 | ug/L | | | 10/24/14 22:38 | 1 |
| Dibromochloromethane | ND | | 1.0 | 0.32 | ug/L | | | 10/24/14 22:38 | 1 |
| Chloroethane | ND | | 1.0 | 0.32 | ug/L | | | 10/24/14 22:38 | 1 |
| Chloroform | ND | | 1.0 | 0.34 | ug/L | | | 10/24/14 22:38 | 1 |
| Chloromethane | ND | | 1.0 | 0.35 | ug/L | | | 10/24/14 22:38 | 1 |
| cis-1,2-Dichloroethene | ND | | 1.0 | 0.81 | ug/L | | | 10/24/14 22:38 | 1 |
| cis-1,3-Dichloropropene | ND | | 1.0 | 0.36 | ug/L | | | 10/24/14 22:38 | 1 |
| Cyclohexane | ND | | 1.0 | 0.18 | ug/L | | | 10/24/14 22:38 | 1 |
| Dichlorodifluoromethane | ND | | 1.0 | 0.68 | ug/L | | | 10/24/14 22:38 | 1 |
| Ethylbenzene | ND | | 1.0 | 0.74 | ug/L | | | 10/24/14 22:38 | 1 |
| Isopropylbenzene | ND | | 1.0 | 0.79 | ug/L | | | 10/24/14 22:38 | 1 |
| Methyl acetate | ND | | 2.5 | 0.50 | ug/L | | | 10/24/14 22:38 | 1 |
| Methyl tert-butyl ether | ND | | 1.0 | 0.16 | ug/L | | | 10/24/14 22:38 | 1 |
| Methylcyclohexane | ND | | 1.0 | 0.16 | ug/L | | | 10/24/14 22:38 | 1 |
| Methylene Chloride | ND | | 1.0 | 0.44 | ug/L | | | 10/24/14 22:38 | 1 |
| Styrene | ND | | 1.0 | 0.73 | ug/L | | | 10/24/14 22:38 | 1 |
| Tetrachloroethene | ND | | 1.0 | 0.36 | ug/L | | | 10/24/14 22:38 | 1 |
| Toluene | ND | | 1.0 | 0.51 | ug/L | | | 10/24/14 22:38 | 1 |
| trans-1,2-Dichloroethene | ND | | 1.0 | 0.90 | ug/L | | | 10/24/14 22:38 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.0 | 0.37 | ug/L | | | 10/24/14 22:38 | 1 |
| Trichloroethene | ND | | 1.0 | 0.46 | ug/L | | | 10/24/14 22:38 | 1 |
| Trichlorofluoromethane | ND | | 1.0 | 0.88 | ug/L | | | 10/24/14 22:38 | 1 |
| Vinyl chloride | ND | | 1.0 | 0.90 | ug/L | | | 10/24/14 22:38 | 1 |
| Xylenes, Total | ND | | 2.0 | 0.66 | ug/L | | | 10/24/14 22:38 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *99* | | *66 - 137* | | *10/24/14 22:38* | *1* |
| *Toluene-d8 (Surr)* | *99* | | *71 - 126* | | *10/24/14 22:38* | *1* |
| *4-Bromofluorobenzene (Surr)* | *101* | | *73 - 120* | | *10/24/14 22:38* | *1* |
| *Dibromofluoromethane (Surr)* | *107* | | *60 - 140* | | *10/24/14 22:38* | *1* |

**Lab Sample ID: LCS 480-209989/4**
**Matrix: Water**
**Analysis Batch: 209989**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethane | 25.0 | 24.1 | | ug/L | | 97 | 71 - 129 |
| 1,1-Dichloroethene | 25.0 | 26.2 | | ug/L | | 105 | 58 - 121 |
| 1,2-Dichlorobenzene | 25.0 | 24.6 | | ug/L | | 98 | 80 - 124 |
| 1,2-Dichloroethane | 25.0 | 22.3 | | ug/L | | 89 | 75 - 127 |
| Benzene | 25.0 | 24.6 | | ug/L | | 98 | 71 - 124 |
| Chlorobenzene | 25.0 | 25.0 | | ug/L | | 100 | 72 - 120 |
| cis-1,2-Dichloroethene | 25.0 | 25.1 | | ug/L | | 100 | 74 - 124 |
| Ethylbenzene | 25.0 | 24.7 | | ug/L | | 99 | 77 - 123 |
| Methyl tert-butyl ether | 25.0 | 24.2 | | ug/L | | 97 | 64 - 127 |
| Tetrachloroethene | 25.0 | 25.8 | | ug/L | | 103 | 74 - 122 |
| Toluene | 25.0 | 24.6 | | ug/L | | 98 | 80 - 122 |

## Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

**Lab Sample ID: LCS 480-209989/4**
**Matrix: Water**
**Analysis Batch: 209989**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---|---|---|---|---|---|---|---|
| trans-1,2-Dichloroethene | 25.0 | 25.2 | | ug/L | | 101 | 73 - 127 |
| Trichloroethene | 25.0 | 24.8 | | ug/L | | 99 | 74 - 123 |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *94* | | *66 - 137* |
| *Toluene-d8 (Surr)* | *101* | | *71 - 126* |
| *4-Bromofluorobenzene (Surr)* | *105* | | *73 - 120* |
| *Dibromofluoromethane (Surr)* | *101* | | *60 - 140* |

**Lab Sample ID: 480-69360-5 MS**
**Matrix: Water**
**Analysis Batch: 209989**

**Client Sample ID: SB-5**
**Prep Type: Total/NA**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethane | ND | | 2000 | 2010 | | ug/L | | 101 | 71 - 129 |
| 1,1-Dichloroethene | ND | | 2000 | 2110 | | ug/L | | 106 | 58 - 121 |
| 1,2-Dichlorobenzene | ND | | 2000 | 1970 | | ug/L | | 99 | 80 - 124 |
| 1,2-Dichloroethane | ND | | 2000 | 1830 | | ug/L | | 91 | 75 - 127 |
| Benzene | ND | | 2000 | 2030 | | ug/L | | 101 | 71 - 124 |
| Chlorobenzene | ND | | 2000 | 1980 | | ug/L | | 99 | 72 - 120 |
| cis-1,2-Dichloroethene | ND | | 2000 | 2050 | | ug/L | | 102 | 74 - 124 |
| Ethylbenzene | ND | | 2000 | 1990 | | ug/L | | 99 | 77 - 123 |
| Methyl tert-butyl ether | ND | | 2000 | 1960 | | ug/L | | 98 | 64 - 127 |
| Tetrachloroethene | 4500 | | 2000 | 6040 | | ug/L | | 80 | 74 - 122 |
| Toluene | ND | | 2000 | 1990 | | ug/L | | 99 | 80 - 122 |
| trans-1,2-Dichloroethene | ND | | 2000 | 2060 | | ug/L | | 103 | 73 - 127 |
| Trichloroethene | ND | | 2000 | 2090 | | ug/L | | 104 | 74 - 123 |

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *101* | | *66 - 137* |
| *Toluene-d8 (Surr)* | *102* | | *71 - 126* |
| *4-Bromofluorobenzene (Surr)* | *103* | | *73 - 120* |
| *Dibromofluoromethane (Surr)* | *105* | | *60 - 140* |

**Lab Sample ID: 480-69360-5 MSD**
**Matrix: Water**
**Analysis Batch: 209989**

**Client Sample ID: SB-5**
**Prep Type: Total/NA**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethane | ND | | 2000 | 1930 | | ug/L | | 97 | 71 - 129 | 4 | 20 |
| 1,1-Dichloroethene | ND | | 2000 | 1990 | | ug/L | | 99 | 58 - 121 | 6 | 16 |
| 1,2-Dichlorobenzene | ND | | 2000 | 1960 | | ug/L | | 98 | 80 - 124 | 1 | 20 |
| 1,2-Dichloroethane | ND | | 2000 | 1780 | | ug/L | | 89 | 75 - 127 | 2 | 20 |
| Benzene | ND | | 2000 | 1960 | | ug/L | | 98 | 71 - 124 | 3 | 13 |
| Chlorobenzene | ND | | 2000 | 1930 | | ug/L | | 96 | 72 - 120 | 3 | 25 |
| cis-1,2-Dichloroethene | ND | | 2000 | 1990 | | ug/L | | 100 | 74 - 124 | 3 | 15 |
| Ethylbenzene | ND | | 2000 | 1920 | | ug/L | | 96 | 77 - 123 | 4 | 15 |
| Methyl tert-butyl ether | ND | | 2000 | 1910 | | ug/L | | 96 | 64 - 127 | 3 | 37 |

## Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

**Lab Sample ID: 480-69360-5 MSD**
**Matrix: Water**
**Analysis Batch: 209989**

**Client Sample ID: SB-5**
**Prep Type: Total/NA**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Tetrachloroethene | 4500 | | 2000 | 5750 | F1 | ug/L | | 65 | 74 - 122 | 5 | 20 |
| Toluene | ND | | 2000 | 1900 | | ug/L | | 95 | 80 - 122 | 5 | 15 |
| trans-1,2-Dichloroethene | ND | | 2000 | 1970 | | ug/L | | 98 | 73 - 127 | 4 | 20 |
| Trichloroethene | ND | | 2000 | 2000 | | ug/L | | 100 | 74 - 123 | 4 | 16 |

| *Surrogate* | *MSD %Recovery* | *MSD Qualifier* | *Limits* |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *95* | | *66 - 137* |
| *Toluene-d8 (Surr)* | *99* | | *71 - 126* |
| *4-Bromofluorobenzene (Surr)* | *98* | | *73 - 120* |
| *Dibromofluoromethane (Surr)* | *105* | | *60 - 140* |

## GC/MS VOA

### Analysis Batch: 209708

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 480-69360-1 | SB-2 | Total/NA | Water | 8260C | |
| 480-69360-3 | SB-1 | Total/NA | Water | 8260C | |
| 480-69360-4 | SB-4 | Total/NA | Water | 8260C | |
| 480-69360-5 | SB-5 | Total/NA | Water | 8260C | |
| 480-69360-6 | SB-9 | Total/NA | Water | 8260C | |
| 480-69360-7 | SB-8 | Total/NA | Water | 8260C | |
| 480-69360-7 MS | SB-8 | Total/NA | Water | 8260C | |
| 480-69360-7 MSD | SB-8 | Total/NA | Water | 8260C | |
| 480-69360-8 | B-20 | Total/NA | Water | 8260C | |
| 480-69360-9 | SB-6 | Total/NA | Water | 8260C | |
| 480-69360-10 | SB-10 | Total/NA | Water | 8260C | |
| 480-69360-11 | SB-7 | Total/NA | Water | 8260C | |
| LCS 480-209708/4 | Lab Control Sample | Total/NA | Water | 8260C | |
| MB 480-209708/6 | Method Blank | Total/NA | Water | 8260C | |

### Analysis Batch: 209783

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 480-69360-1 - DL | SB-2 | Total/NA | Water | 8260C | |
| 480-69360-2 | SB-3 | Total/NA | Water | 8260C | |
| 480-69360-3 - DL | SB-1 | Total/NA | Water | 8260C | |
| 480-69360-4 - DL | SB-4 | Total/NA | Water | 8260C | |
| 480-69360-6 - DL | SB-9 | Total/NA | Water | 8260C | |
| 480-69360-7 - DL | SB-8 | Total/NA | Water | 8260C | |
| 480-69360-8 - DL | B-20 | Total/NA | Water | 8260C | |
| 480-69360-8 MS | B-20 | Total/NA | Water | 8260C | |
| 480-69360-8 MSD | B-20 | Total/NA | Water | 8260C | |
| LCS 480-209783/4 | Lab Control Sample | Total/NA | Water | 8260C | |
| MB 480-209783/6 | Method Blank | Total/NA | Water | 8260C | |

### Analysis Batch: 209989

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 480-69360-5 - DL | SB-5 | Total/NA | Water | 8260C | |
| 480-69360-5 MS | SB-5 | Total/NA | Water | 8260C | |
| 480-69360-5 MSD | SB-5 | Total/NA | Water | 8260C | |
| 480-69360-9 - DL | SB-6 | Total/NA | Water | 8260C | |
| 480-69360-10 - DL | SB-10 | Total/NA | Water | 8260C | |
| 480-69360-11 - DL | SB-7 | Total/NA | Water | 8260C | |
| LCS 480-209989/4 | Lab Control Sample | Total/NA | Water | 8260C | |
| MB 480-209989/6 | Method Blank | Total/NA | Water | 8260C | |

# Lab Chronicle

Client: URS Corporation
Project/Site: Walgreens Site (Kingston, NY)

TestAmerica Job ID: 480-69360-1

## Client Sample ID: SB-2

**Lab Sample ID: 480-69360-1**

**Date Collected: 10/14/14 09:05**

**Matrix: Water**

**Date Received: 10/16/14 01:00**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8260C | | 1 | 209708 | 10/24/14 02:01 | LCH | TAL BUF |
| Total/NA | Analysis | 8260C | DL | 100 | 209783 | 10/24/14 15:50 | GTG | TAL BUF |

## Client Sample ID: SB-3

**Lab Sample ID: 480-69360-2**

**Date Collected: 10/14/14 09:40**

**Matrix: Water**

**Date Received: 10/16/14 01:00**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8260C | | 1 | 209783 | 10/24/14 16:14 | GTG | TAL BUF |

## Client Sample ID: SB-1

**Lab Sample ID: 480-69360-3**

**Date Collected: 10/14/14 10:10**

**Matrix: Water**

**Date Received: 10/16/14 01:00**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8260C | | 1 | 209708 | 10/24/14 02:49 | LCH | TAL BUF |
| Total/NA | Analysis | 8260C | DL | 10 | 209783 | 10/24/14 16:38 | GTG | TAL BUF |

## Client Sample ID: SB-4

**Lab Sample ID: 480-69360-4**

**Date Collected: 10/14/14 11:05**

**Matrix: Water**

**Date Received: 10/16/14 01:00**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8260C | | 1 | 209708 | 10/24/14 03:13 | LCH | TAL BUF |
| Total/NA | Analysis | 8260C | DL | 10 | 209783 | 10/24/14 17:02 | GTG | TAL BUF |

## Client Sample ID: SB-5

**Lab Sample ID: 480-69360-5**

**Date Collected: 10/14/14 11:45**

**Matrix: Water**

**Date Received: 10/16/14 01:00**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8260C | | 1 | 209708 | 10/24/14 03:37 | LCH | TAL BUF |
| Total/NA | Analysis | 8260C | DL | 80 | 209989 | 10/25/14 04:11 | GTG | TAL BUF |

## Client Sample ID: SB-9

**Lab Sample ID: 480-69360-6**

**Date Collected: 10/14/14 12:55**

**Matrix: Water**

**Date Received: 10/16/14 01:00**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8260C | | 1 | 209708 | 10/24/14 04:01 | LCH | TAL BUF |
| Total/NA | Analysis | 8260C | DL | 20 | 209783 | 10/24/14 17:50 | GTG | TAL BUF |

# Lab Chronicle

Client: URS Corporation
Project/Site: Walgreens Site (Kingston, NY)

TestAmerica Job ID: 480-69360-1

## Client Sample ID: SB-8

**Lab Sample ID: 480-69360-7**

**Date Collected: 10/14/14 13:30**
**Matrix: Water**
**Date Received: 10/16/14 01:00**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8260C | | 1 | 209708 | 10/24/14 04:25 | LCH | TAL BUF |
| Total/NA | Analysis | 8260C | DL | 20 | 209783 | 10/24/14 18:14 | GTG | TAL BUF |

## Client Sample ID: B-20

**Lab Sample ID: 480-69360-8**

**Date Collected: 10/14/14 15:00**
**Matrix: Water**
**Date Received: 10/16/14 01:00**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8260C | | 1 | 209708 | 10/24/14 04:49 | LCH | TAL BUF |
| Total/NA | Analysis | 8260C | DL | 20 | 209783 | 10/24/14 18:38 | GTG | TAL BUF |

## Client Sample ID: SB-6

**Lab Sample ID: 480-69360-9**

**Date Collected: 10/14/14 14:05**
**Matrix: Water**
**Date Received: 10/16/14 01:00**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8260C | | 1 | 209708 | 10/24/14 05:12 | LCH | TAL BUF |
| Total/NA | Analysis | 8260C | DL | 50 | 209989 | 10/25/14 04:35 | GTG | TAL BUF |

## Client Sample ID: SB-10

**Lab Sample ID: 480-69360-10**

**Date Collected: 10/15/14 08:50**
**Matrix: Water**
**Date Received: 10/16/14 01:00**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8260C | | 1 | 209708 | 10/24/14 05:37 | LCH | TAL BUF |
| Total/NA | Analysis | 8260C | DL | 20 | 209989 | 10/25/14 04:59 | GTG | TAL BUF |

## Client Sample ID: SB-7

**Lab Sample ID: 480-69360-11**

**Date Collected: 10/15/14 09:35**
**Matrix: Water**
**Date Received: 10/16/14 01:00**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8260C | | 1 | 209708 | 10/24/14 06:01 | LCH | TAL BUF |
| Total/NA | Analysis | 8260C | DL | 40 | 209989 | 10/25/14 05:23 | GTG | TAL BUF |

**Laboratory References:**

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

# Certification Summary

Client: URS Corporation
Project/Site: Walgreens Site (Kingston, NY)

TestAmerica Job ID: 480-69360-1

## Laboratory: TestAmerica Buffalo

The certifications listed below are applicable to this report.

| Authority | Program | EPA Region | Certification ID | Expiration Date |
|---|---|---|---|---|
| New York | NELAP | 2 | 10026 | 03-31-15 |

# Method Summary

Client: URS Corporation
Project/Site: Walgreens Site (Kingston, NY)

TestAmerica Job ID: 480-69360-1

| Method | Method Description | Protocol | Laboratory |
|---|---|---|---|
| 8260C | Volatile Organic Compounds by GC/MS | SW846 | TAL BUF |

**Protocol References:**

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

**Laboratory References:**

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

# Sample Summary

Client: URS Corporation
Project/Site: Walgreens Site (Kingston, NY)

TestAmerica Job ID: 480-69360-1

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received |
|---|---|---|---|---|
| 480-69360-1 | SB-2 | Water | 10/14/14 09:05 | 10/16/14 01:00 |
| 480-69360-2 | SB-3 | Water | 10/14/14 09:40 | 10/16/14 01:00 |
| 480-69360-3 | SB-1 | Water | 10/14/14 10:10 | 10/16/14 01:00 |
| 480-69360-4 | SB-4 | Water | 10/14/14 11:05 | 10/16/14 01:00 |
| 480-69360-5 | SB-5 | Water | 10/14/14 11:45 | 10/16/14 01:00 |
| 480-69360-6 | SB-9 | Water | 10/14/14 12:55 | 10/16/14 01:00 |
| 480-69360-7 | SB-8 | Water | 10/14/14 13:30 | 10/16/14 01:00 |
| 480-69360-8 | B-20 | Water | 10/14/14 15:00 | 10/16/14 01:00 |
| 480-69360-9 | SB-6 | Water | 10/14/14 14:05 | 10/16/14 01:00 |
| 480-69360-10 | SB-10 | Water | 10/15/14 08:50 | 10/16/14 01:00 |
| 480-69360-11 | SB-7 | Water | 10/15/14 09:35 | 10/16/14 01:00 |

**TestAmerica Albany**
25 Kraft Road
Albany, NY 12205

# Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

| **Client Information** | Sampler: J King + M Kuzia | Lab PM: Deyo, Melissa L | Carrier Tracking No(s): | COC No: 480-56378-14876.7 |
|---|---|---|---|---|
| Client Contact: Michael Kuzia-Carmel | Phone: 518 688-0015 | E-Mail: melissa.deyo@testamericainc.com | | Page: Page 1 of 8 1 of 2 |
| Company: URS Corporation | | | | Job #: 25368188 |

| Address: 3 Corporate Drive, Suite 203 | Due Date Requested: | Analysis Requested | Preservation Codes: |
|---|---|---|---|
| City: Clifton Park | TAT Requested (days): 14 days | | A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA; M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify) |
| State, Zip: NY, 12065 | | | |
| Phone: 518-688-0015(Tel) | PO #: Peter.Fairbanks@urs.com | | Other: |
| Email: michael.kuzia-carmel@urs.com | WO #: Vendor# 1427536 | | |
| Project Name: Walgreens Site (Kingston, NY) | Project #: 48006310 | | |
| Site: | SSOW#: | | |

| Sample Identification | Sample Date | Sample Time | Sample Type (C=Comp, G=grab) | Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air) | Field Filtered Sample (Yes or No) | Perform MS/MSD (Yes or No) | 8260C - TCL Volatiles N | 8260C - TCL Volatiles A | Total Number of containers | Special Instructions/Note: |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | Preservation Code | | | | | | | |
| SB-2 | 10/14/14 | 0905 | G | ~~Solid~~ Water | | | | X | | |
| SB-3 | 10/14/14 | 0940 | G | ~~Solid~~ Water | | | | X | | |
| SB-1 | 10/14/14 | 1010 | G | ~~Solid~~ Water | | | | X | | |
| SB-4 | 10/14/14 | 1105 | G | Water | | | | X | | |
| SB-5 | 10/14/14 | 1145 | G | Water | | | | X | | |
| SB-9 | 10/14/14 | 1255 | G | Water | | | | X | | |
| SB-8 | 10/14/14 | 1330 | G | Water | | | | X | | |
| B-20 | 10/14/14 | 1500 | G | Water | | | | X | | |
| MS 10/14/14 | 10/14/14 | 1335 | G | Water | | X | | X | | parent= SB-8 |
| MSD 10/14/14 | 10/14/14 | 1340 | G | Water | | X | | | | parent= SB-8 |
| SB-6 | 10/14/14 | 1405 | G | Water | | | | X | | |

480-69360 Chain of Custody

***Possible Hazard Identification***
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

***Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month)***
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements: Need ASP Cat B QA/QC

| Empty Kit Relinquished by: | Date: | Time: | Method of Shipment: |
|---|---|---|---|

| Relinquished by: | Date/Time: | Company | Received by: | Date/Time: | Company |
|---|---|---|---|---|---|
| | 10/15/2014 - 1445 | URS | | 10-15-14 1445 | TA |
| Relinquished by: | Date/Time: | Company | Received by: | Date/Time: | Company |
| | 10-15-14 1800 | TA | | 10/16/14 0100 | TA |
| Relinquished by: | Date/Time: | Company | Received by: | Date/Time: | Company |

| Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: 3.2 4.6 #1 |
|---|---|---|

**TestAmerica Albany**
25 Kraft Road
Albany, NY 12205

# Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

| Client Information | Sampler: M. Kuzia-Carmel, J. King | Lab PM: Deyo, Melissa L | Carrier Tracking No(s): | COC No: 480-56378-14876.8 |
|---|---|---|---|---|
| Client Contact: Michael Kuzia-Carmel | Phone: (518) 688-0015 | E-Mail: melissa.deyo@testamericainc.com | | Page: ~~Page 8 of 8~~ Page 2 of 2 |
| Company: URS Corporation | | | | Job #: 25368188 |

| Address: 3 Corporate Drive, Suite 203 | Due Date Requested: |
|---|---|
| City: Clifton Park | TAT Requested (days): 14 days |
| State, Zip: NY, 12065 | PO #: Peter.Fairbanks@urs.com |
| Phone: 518-688-0015(Tel) | WO #: Vendor# 1427536 |
| Email: michael.kuzia-carmel@urs.com | Project #: 48006310 |
| Project Name: Walgreens Site (Kingston, NY) | SSOW#: |
| Site: | |

**Analysis Requested**

**Preservation Codes:**

| | |
|---|---|
| A - HCL | M - Hexane |
| B - NaOH | N - None |
| C - Zn Acetate | O - AsNaO2 |
| D - Nitric Acid | P - Na2O4S |
| E - NaHSO4 | Q - Na2SO3 |
| F - MeOH | R - Na2S2SO3 |
| G - Amchlor | S - H2SO4 |
| H - Ascorbic Acid | T - TSP Dodecahydrate |
| I - Ice | U - Acetone |
| J - DI Water | V - MCAA |
| K - EDTA | W - ph 4-5 |
| L - EDA | Z - other (specify) |

Other:

| Sample Identification | Sample Date | Sample Time | Sample Type (C=comp, G=grab) | Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air) | Field Filtered Sample (Yes or No) | Perform MS/MSD (Yes or No) | 8260C - TCL Volatiles | 8260C - TCL Volatiles | Total Number of containers | Special Instructions/Note: |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | Preservation Code: | | | | N | A | | |
| SB-10 | 10/15/14 | 0850 | G | Water | | | | X | | |
| SB-7 | 10/15/14 | 0935 | G | Water | | | | X | | |
| | | | | Water | | | | | | |
| | | | | Water | | | | | | |
| | | | | Water | | | | | | |

**Possible Hazard Identification**
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

**Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month)**
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements: Need ASP Cat B QA/QC

| Empty Kit Relinquished by: | Date: | Time: | Method of Shipment: |
|---|---|---|---|

| Relinquished by: | Date/Time: | Company | Received by: | Date/Time: | Company |
|---|---|---|---|---|---|
| | 10/15/2014 1445 | URS | | 10-14-15 1445 | TA |
| Relinquished by: | Date/Time: | Company | Received by: | Date/Time: | Company |
| | 10-15-14 1800 | TA | | | |
| Relinquished by: | Date/Time: | Company | Received by: | Date/Time: | Company |
| | | | | | |

| Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: |
|---|---|---|
| | | |

# Login Sample Receipt Checklist

Client: URS Corporation

Job Number: 480-69360-1

**Login Number: 69360**

**List Source: TestAmerica Buffalo**

**List Number: 1**

**Creator: Kolb, Chris M**

| Question | Answer | Comment |
|---|---|---|
| Radioactivity either was not measured or, if measured, is at or below background | True | |
| The cooler's custody seal, if present, is intact. | True | |
| The cooler or samples do not appear to have been compromised or tampered with. | True | |
| Samples were received on ice. | True | |
| Cooler Temperature is acceptable. | True | |
| Cooler Temperature is recorded. | True | |
| COC is present. | True | |
| COC is filled out in ink and legible. | True | |
| COC is filled out with all pertinent information. | True | |
| Is the Field Sampler's name present on COC? | True | |
| There are no discrepancies between the sample IDs on the containers and the COC. | True | |
| Samples are received within Holding Time. | True | |
| Sample containers have legible labels. | True | |
| Containers are not broken or leaking. | True | |
| Sample collection date/times are provided. | True | |
| Appropriate sample containers are used. | True | |
| Sample bottles are completely filled. | True | |
| Sample Preservation Verified | True | |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs | True | |
| VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter. | True | |
| If necessary, staff have been informed of any short hold time or quick TAT needs | True | |
| Multiphasic samples are not present. | True | |
| Samples do not require splitting or compositing. | True | |
| Sampling Company provided. | True | urs |
| Samples received within 48 hours of sampling. | True | |
| Samples requiring field filtration have been filtered in the field. | True | |
| Chlorine Residual checked. | N/A | |

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

# ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

TestAmerica Job ID: 480-69165-1
Client Project/Site: Walgreens Site (Kingston, NY)

For:
URS Corporation
3 Corporate Drive, Suite 203
Clifton Park, New York 12065

Attn: Ms. Jennifer Gillies

Melissa Deyo

*Authorized for release by:*
*10/22/2014 2:19:56 PM*

Melissa Deyo, Project Manager I
(716)504-9874
melissa.deyo@testamericainc.com

# Table of Contents

## Qualifiers

### GC/MS VOA

| Qualifier | Qualifier Description |
|---|---|
| J | Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value. |
| * | LCS or LCSD exceeds the control limits |
| F1 | MS and/or MSD Recovery exceeds the control limits |

## Glossary

| Abbreviation | These commonly used abbreviations may or may not be present in this report. |
|---|---|
| ¤ | Listed under the "D" column to designate that the result is reported on a dry weight basis |
| %R | Percent Recovery |
| CFL | Contains Free Liquid |
| CNF | Contains no Free Liquid |
| DER | Duplicate error ratio (normalized absolute difference) |
| Dil Fac | Dilution Factor |
| DL, RA, RE, IN | Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample |
| DLC | Decision level concentration |
| MDA | Minimum detectable activity |
| EDL | Estimated Detection Limit |
| MDC | Minimum detectable concentration |
| MDL | Method Detection Limit |
| ML | Minimum Level (Dioxin) |
| NC | Not Calculated |
| ND | Not detected at the reporting limit (or MDL or EDL if shown) |
| PQL | Practical Quantitation Limit |
| QC | Quality Control |
| RER | Relative error ratio |
| RL | Reporting Limit or Requested Limit (Radiochemistry) |
| RPD | Relative Percent Difference, a measure of the relative difference between two points |
| TEF | Toxicity Equivalent Factor (Dioxin) |
| TEQ | Toxicity Equivalent Quotient (Dioxin) |

Client: URS Corporation
Project/Site: Walgreens Site (Kingston, NY)

TestAmerica Job ID: 480-69165-1

## Job ID: 480-69165-1

### Laboratory: TestAmerica Buffalo

**Narrative**

**Job Narrative**
**480-69165-1**

**Receipt**
The samples were received on 10/14/2014 12:30 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.0º C.

**GC/MS VOA**
Method 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-3 (480-69165-3), MW-4 (480-69165-4), (480-69165-4 MS) and (480-69165-4 MSD). Elevated reporting limits (RLs) are provided.

Method 8260C: The laboratory control sample (LCS) for batch 208917 recovered outside control limits for the following analytes: Dichlorodifluoromethane. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

Method 8260C: The laboratory control sample (LCS) for batch 209000 recovered outside control limits for the following analyte:Chlorodibromomethane. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

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

# Detection Summary

Client: URS Corporation
Project/Site: Walgreens Site (Kingston, NY)

TestAmerica Job ID: 480-69165-1

## Client Sample ID: MW-1 — Lab Sample ID: 480-69165-1

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| 1,2-Dichloroethane | 0.65 | J | 1.0 | 0.21 | ug/L | 1 | | 8260C | Total/NA |
| Benzene | 1.5 | | 1.0 | 0.41 | ug/L | 1 | | 8260C | Total/NA |
| cis-1,2-Dichloroethene | 2.9 | | 1.0 | 0.81 | ug/L | 1 | | 8260C | Total/NA |
| Cyclohexane | 1.3 | | 1.0 | 0.18 | ug/L | 1 | | 8260C | Total/NA |
| Ethylbenzene | 18 | | 1.0 | 0.74 | ug/L | 1 | | 8260C | Total/NA |
| Isopropylbenzene | 2.6 | | 1.0 | 0.79 | ug/L | 1 | | 8260C | Total/NA |
| Methylcyclohexane | 1.2 | | 1.0 | 0.16 | ug/L | 1 | | 8260C | Total/NA |
| Toluene | 13 | | 1.0 | 0.51 | ug/L | 1 | | 8260C | Total/NA |
| Xylenes, Total | 62 | | 2.0 | 0.66 | ug/L | 1 | | 8260C | Total/NA |

## Client Sample ID: MW-2 — Lab Sample ID: 480-69165-2

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| 1,2-Dichloroethane | 0.29 | J | 1.0 | 0.21 | ug/L | 1 | | 8260C | Total/NA |
| cis-1,2-Dichloroethene | 4.2 | | 1.0 | 0.81 | ug/L | 1 | | 8260C | Total/NA |
| Cyclohexane | 56 | | 1.0 | 0.18 | ug/L | 1 | | 8260C | Total/NA |
| Ethylbenzene | 4.1 | | 1.0 | 0.74 | ug/L | 1 | | 8260C | Total/NA |
| Isopropylbenzene | 16 | | 1.0 | 0.79 | ug/L | 1 | | 8260C | Total/NA |
| Methylcyclohexane | 52 | | 1.0 | 0.16 | ug/L | 1 | | 8260C | Total/NA |
| Xylenes, Total | 5.6 | | 2.0 | 0.66 | ug/L | 1 | | 8260C | Total/NA |

## Client Sample ID: MW-3 — Lab Sample ID: 480-69165-3

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Tetrachloroethene | 1200 | | 20 | 7.2 | ug/L | 20 | | 8260C | Total/NA |

## Client Sample ID: MW-4 — Lab Sample ID: 480-69165-4

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Tetrachloroethene | 1100 | | 20 | 7.2 | ug/L | 20 | | 8260C | Total/NA |

## Client Sample ID: TRIP BLANK — Lab Sample ID: 480-69165-5

No Detections.

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Client: URS Corporation
Project/Site: Walgreens Site (Kingston, NY)

TestAmerica Job ID: 480-69165-1

**Client Sample ID: MW-1**
**Date Collected: 10/13/14 10:40**
**Date Received: 10/14/14 00:30**

**Lab Sample ID: 480-69165-1**
**Matrix: Water**

**Method: 8260C - Volatile Organic Compounds by GC/MS**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ND | | 1.0 | 0.82 | ug/L | | | 10/21/14 07:18 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.0 | 0.21 | ug/L | | | 10/21/14 07:18 | 1 |
| 1,1,2-Trichloroethane | ND | | 1.0 | 0.23 | ug/L | | | 10/21/14 07:18 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 1.0 | 0.31 | ug/L | | | 10/21/14 07:18 | 1 |
| 1,1-Dichloroethane | ND | | 1.0 | 0.38 | ug/L | | | 10/21/14 07:18 | 1 |
| 1,1-Dichloroethene | ND | | 1.0 | 0.29 | ug/L | | | 10/21/14 07:18 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.0 | 0.41 | ug/L | | | 10/21/14 07:18 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 1.0 | 0.39 | ug/L | | | 10/21/14 07:18 | 1 |
| 1,2-Dibromoethane | ND | | 1.0 | 0.73 | ug/L | | | 10/21/14 07:18 | 1 |
| 1,2-Dichlorobenzene | ND | | 1.0 | 0.79 | ug/L | | | 10/21/14 07:18 | 1 |
| **1,2-Dichloroethane** | **0.65** | **J** | 1.0 | 0.21 | ug/L | | | 10/21/14 07:18 | 1 |
| 1,2-Dichloropropane | ND | | 1.0 | 0.72 | ug/L | | | 10/21/14 07:18 | 1 |
| 1,3-Dichlorobenzene | ND | | 1.0 | 0.78 | ug/L | | | 10/21/14 07:18 | 1 |
| 1,4-Dichlorobenzene | ND | | 1.0 | 0.84 | ug/L | | | 10/21/14 07:18 | 1 |
| 2-Hexanone | ND | | 5.0 | 1.2 | ug/L | | | 10/21/14 07:18 | 1 |
| 2-Butanone (MEK) | ND | | 10 | 1.3 | ug/L | | | 10/21/14 07:18 | 1 |
| 4-Methyl-2-pentanone (MIBK) | ND | | 5.0 | 2.1 | ug/L | | | 10/21/14 07:18 | 1 |
| Acetone | ND | | 10 | 3.0 | ug/L | | | 10/21/14 07:18 | 1 |
| **Benzene** | **1.5** | | 1.0 | 0.41 | ug/L | | | 10/21/14 07:18 | 1 |
| Bromodichloromethane | ND | | 1.0 | 0.39 | ug/L | | | 10/21/14 07:18 | 1 |
| Bromoform | ND | | 1.0 | 0.26 | ug/L | | | 10/21/14 07:18 | 1 |
| Bromomethane | ND | | 1.0 | 0.69 | ug/L | | | 10/21/14 07:18 | 1 |
| Carbon disulfide | ND | | 1.0 | 0.19 | ug/L | | | 10/21/14 07:18 | 1 |
| Carbon tetrachloride | ND | | 1.0 | 0.27 | ug/L | | | 10/21/14 07:18 | 1 |
| Chlorobenzene | ND | | 1.0 | 0.75 | ug/L | | | 10/21/14 07:18 | 1 |
| Dibromochloromethane | ND | | 1.0 | 0.32 | ug/L | | | 10/21/14 07:18 | 1 |
| Chloroethane | ND | | 1.0 | 0.32 | ug/L | | | 10/21/14 07:18 | 1 |
| Chloroform | ND | | 1.0 | 0.34 | ug/L | | | 10/21/14 07:18 | 1 |
| Chloromethane | ND | | 1.0 | 0.35 | ug/L | | | 10/21/14 07:18 | 1 |
| **cis-1,2-Dichloroethene** | **2.9** | | 1.0 | 0.81 | ug/L | | | 10/21/14 07:18 | 1 |
| cis-1,3-Dichloropropene | ND | | 1.0 | 0.36 | ug/L | | | 10/21/14 07:18 | 1 |
| **Cyclohexane** | **1.3** | | 1.0 | 0.18 | ug/L | | | 10/21/14 07:18 | 1 |
| Dichlorodifluoromethane | ND | * | 1.0 | 0.68 | ug/L | | | 10/21/14 07:18 | 1 |
| **Ethylbenzene** | **18** | | 1.0 | 0.74 | ug/L | | | 10/21/14 07:18 | 1 |
| **Isopropylbenzene** | **2.6** | | 1.0 | 0.79 | ug/L | | | 10/21/14 07:18 | 1 |
| Methyl acetate | ND | | 2.5 | 0.50 | ug/L | | | 10/21/14 07:18 | 1 |
| Methyl tert-butyl ether | ND | | 1.0 | 0.16 | ug/L | | | 10/21/14 07:18 | 1 |
| **Methylcyclohexane** | **1.2** | | 1.0 | 0.16 | ug/L | | | 10/21/14 07:18 | 1 |
| Methylene Chloride | ND | | 1.0 | 0.44 | ug/L | | | 10/21/14 07:18 | 1 |
| Styrene | ND | | 1.0 | 0.73 | ug/L | | | 10/21/14 07:18 | 1 |
| Tetrachloroethene | ND | | 1.0 | 0.36 | ug/L | | | 10/21/14 07:18 | 1 |
| **Toluene** | **13** | | 1.0 | 0.51 | ug/L | | | 10/21/14 07:18 | 1 |
| trans-1,2-Dichloroethene | ND | | 1.0 | 0.90 | ug/L | | | 10/21/14 07:18 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.0 | 0.37 | ug/L | | | 10/21/14 07:18 | 1 |
| Trichloroethene | ND | | 1.0 | 0.46 | ug/L | | | 10/21/14 07:18 | 1 |
| Trichlorofluoromethane | ND | | 1.0 | 0.88 | ug/L | | | 10/21/14 07:18 | 1 |
| Vinyl chloride | ND | | 1.0 | 0.90 | ug/L | | | 10/21/14 07:18 | 1 |
| **Xylenes, Total** | **62** | | 2.0 | 0.66 | ug/L | | | 10/21/14 07:18 | 1 |

Client: URS Corporation
Project/Site: Walgreens Site (Kingston, NY)

TestAmerica Job ID: 480-69165-1

## Client Sample ID: MW-1

**Lab Sample ID: 480-69165-1**

**Date Collected: 10/13/14 10:40**
**Matrix: Water**
**Date Received: 10/14/14 00:30**

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| 1,2-Dichloroethane-d4 (Surr) | 108 | | 66 - 137 | | 10/21/14 07:18 | 1 |
| Toluene-d8 (Surr) | 107 | | 71 - 126 | | 10/21/14 07:18 | 1 |
| 4-Bromofluorobenzene (Surr) | 100 | | 73 - 120 | | 10/21/14 07:18 | 1 |
| Dibromofluoromethane (Surr) | 101 | | 60 - 140 | | 10/21/14 07:18 | 1 |

## Client Sample ID: MW-2

**Lab Sample ID: 480-69165-2**

**Date Collected: 10/13/14 09:50**
**Matrix: Water**
**Date Received: 10/14/14 00:30**

### Method: 8260C - Volatile Organic Compounds by GC/MS

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ND | | 1.0 | 0.82 | ug/L | | | 10/21/14 13:35 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.0 | 0.21 | ug/L | | | 10/21/14 13:35 | 1 |
| 1,1,2-Trichloroethane | ND | | 1.0 | 0.23 | ug/L | | | 10/21/14 13:35 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 1.0 | 0.31 | ug/L | | | 10/21/14 13:35 | 1 |
| 1,1-Dichloroethane | ND | | 1.0 | 0.38 | ug/L | | | 10/21/14 13:35 | 1 |
| 1,1-Dichloroethene | ND | | 1.0 | 0.29 | ug/L | | | 10/21/14 13:35 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.0 | 0.41 | ug/L | | | 10/21/14 13:35 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 1.0 | 0.39 | ug/L | | | 10/21/14 13:35 | 1 |
| 1,2-Dibromoethane | ND | | 1.0 | 0.73 | ug/L | | | 10/21/14 13:35 | 1 |
| 1,2-Dichlorobenzene | ND | | 1.0 | 0.79 | ug/L | | | 10/21/14 13:35 | 1 |
| **1,2-Dichloroethane** | **0.29** | **J** | 1.0 | 0.21 | ug/L | | | 10/21/14 13:35 | 1 |
| 1,2-Dichloropropane | ND | | 1.0 | 0.72 | ug/L | | | 10/21/14 13:35 | 1 |
| 1,3-Dichlorobenzene | ND | | 1.0 | 0.78 | ug/L | | | 10/21/14 13:35 | 1 |
| 1,4-Dichlorobenzene | ND | | 1.0 | 0.84 | ug/L | | | 10/21/14 13:35 | 1 |
| 2-Hexanone | ND | | 5.0 | 1.2 | ug/L | | | 10/21/14 13:35 | 1 |
| 2-Butanone (MEK) | ND | | 10 | 1.3 | ug/L | | | 10/21/14 13:35 | 1 |
| 4-Methyl-2-pentanone (MIBK) | ND | | 5.0 | 2.1 | ug/L | | | 10/21/14 13:35 | 1 |
| Acetone | ND | | 10 | 3.0 | ug/L | | | 10/21/14 13:35 | 1 |
| Benzene | ND | | 1.0 | 0.41 | ug/L | | | 10/21/14 13:35 | 1 |
| Bromodichloromethane | ND | | 1.0 | 0.39 | ug/L | | | 10/21/14 13:35 | 1 |
| Bromoform | ND | | 1.0 | 0.26 | ug/L | | | 10/21/14 13:35 | 1 |
| Bromomethane | ND | | 1.0 | 0.69 | ug/L | | | 10/21/14 13:35 | 1 |
| Carbon disulfide | ND | | 1.0 | 0.19 | ug/L | | | 10/21/14 13:35 | 1 |
| Carbon tetrachloride | ND | | 1.0 | 0.27 | ug/L | | | 10/21/14 13:35 | 1 |
| Chlorobenzene | ND | | 1.0 | 0.75 | ug/L | | | 10/21/14 13:35 | 1 |
| Dibromochloromethane | ND | * | 1.0 | 0.32 | ug/L | | | 10/21/14 13:35 | 1 |
| Chloroethane | ND | | 1.0 | 0.32 | ug/L | | | 10/21/14 13:35 | 1 |
| Chloroform | ND | | 1.0 | 0.34 | ug/L | | | 10/21/14 13:35 | 1 |
| Chloromethane | ND | | 1.0 | 0.35 | ug/L | | | 10/21/14 13:35 | 1 |
| **cis-1,2-Dichloroethene** | **4.2** | | 1.0 | 0.81 | ug/L | | | 10/21/14 13:35 | 1 |
| cis-1,3-Dichloropropene | ND | | 1.0 | 0.36 | ug/L | | | 10/21/14 13:35 | 1 |
| **Cyclohexane** | **56** | | 1.0 | 0.18 | ug/L | | | 10/21/14 13:35 | 1 |
| Dichlorodifluoromethane | ND | | 1.0 | 0.68 | ug/L | | | 10/21/14 13:35 | 1 |
| **Ethylbenzene** | **4.1** | | 1.0 | 0.74 | ug/L | | | 10/21/14 13:35 | 1 |
| **Isopropylbenzene** | **16** | | 1.0 | 0.79 | ug/L | | | 10/21/14 13:35 | 1 |
| Methyl acetate | ND | | 2.5 | 0.50 | ug/L | | | 10/21/14 13:35 | 1 |
| Methyl tert-butyl ether | ND | | 1.0 | 0.16 | ug/L | | | 10/21/14 13:35 | 1 |
| **Methylcyclohexane** | **52** | | 1.0 | 0.16 | ug/L | | | 10/21/14 13:35 | 1 |
| Methylene Chloride | ND | | 1.0 | 0.44 | ug/L | | | 10/21/14 13:35 | 1 |

## Client Sample ID: MW-2

**Date Collected: 10/13/14 09:50**
**Date Received: 10/14/14 00:30**

**Lab Sample ID: 480-69165-2**
**Matrix: Water**

### Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Styrene | ND | | 1.0 | 0.73 | ug/L | | | 10/21/14 13:35 | 1 |
| Tetrachloroethene | ND | | 1.0 | 0.36 | ug/L | | | 10/21/14 13:35 | 1 |
| Toluene | ND | | 1.0 | 0.51 | ug/L | | | 10/21/14 13:35 | 1 |
| trans-1,2-Dichloroethene | ND | | 1.0 | 0.90 | ug/L | | | 10/21/14 13:35 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.0 | 0.37 | ug/L | | | 10/21/14 13:35 | 1 |
| Trichloroethene | ND | | 1.0 | 0.46 | ug/L | | | 10/21/14 13:35 | 1 |
| Trichlorofluoromethane | ND | | 1.0 | 0.88 | ug/L | | | 10/21/14 13:35 | 1 |
| Vinyl chloride | ND | | 1.0 | 0.90 | ug/L | | | 10/21/14 13:35 | 1 |
| **Xylenes, Total** | **5.6** | | 2.0 | 0.66 | ug/L | | | 10/21/14 13:35 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *109* | | *66 - 137* | | *10/21/14 13:35* | *1* |
| *Toluene-d8 (Surr)* | *98* | | *71 - 126* | | *10/21/14 13:35* | *1* |
| *4-Bromofluorobenzene (Surr)* | *99* | | *73 - 120* | | *10/21/14 13:35* | *1* |
| *Dibromofluoromethane (Surr)* | *97* | | *60 - 140* | | *10/21/14 13:35* | *1* |

## Client Sample ID: MW-3

**Date Collected: 10/13/14 08:45**
**Date Received: 10/14/14 00:30**

**Lab Sample ID: 480-69165-3**
**Matrix: Water**

### Method: 8260C - Volatile Organic Compounds by GC/MS

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ND | | 20 | 16 | ug/L | | | 10/21/14 13:59 | 20 |
| 1,1,2,2-Tetrachloroethane | ND | | 20 | 4.2 | ug/L | | | 10/21/14 13:59 | 20 |
| 1,1,2-Trichloroethane | ND | | 20 | 4.6 | ug/L | | | 10/21/14 13:59 | 20 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 20 | 6.2 | ug/L | | | 10/21/14 13:59 | 20 |
| 1,1-Dichloroethane | ND | | 20 | 7.6 | ug/L | | | 10/21/14 13:59 | 20 |
| 1,1-Dichloroethene | ND | | 20 | 5.8 | ug/L | | | 10/21/14 13:59 | 20 |
| 1,2,4-Trichlorobenzene | ND | | 20 | 8.2 | ug/L | | | 10/21/14 13:59 | 20 |
| 1,2-Dibromo-3-Chloropropane | ND | | 20 | 7.8 | ug/L | | | 10/21/14 13:59 | 20 |
| 1,2-Dibromoethane | ND | | 20 | 15 | ug/L | | | 10/21/14 13:59 | 20 |
| 1,2-Dichlorobenzene | ND | | 20 | 16 | ug/L | | | 10/21/14 13:59 | 20 |
| 1,2-Dichloroethane | ND | | 20 | 4.2 | ug/L | | | 10/21/14 13:59 | 20 |
| 1,2-Dichloropropane | ND | | 20 | 14 | ug/L | | | 10/21/14 13:59 | 20 |
| 1,3-Dichlorobenzene | ND | | 20 | 16 | ug/L | | | 10/21/14 13:59 | 20 |
| 1,4-Dichlorobenzene | ND | | 20 | 17 | ug/L | | | 10/21/14 13:59 | 20 |
| 2-Hexanone | ND | | 100 | 25 | ug/L | | | 10/21/14 13:59 | 20 |
| 2-Butanone (MEK) | ND | | 200 | 26 | ug/L | | | 10/21/14 13:59 | 20 |
| 4-Methyl-2-pentanone (MIBK) | ND | | 100 | 42 | ug/L | | | 10/21/14 13:59 | 20 |
| Acetone | ND | | 200 | 60 | ug/L | | | 10/21/14 13:59 | 20 |
| Benzene | ND | | 20 | 8.2 | ug/L | | | 10/21/14 13:59 | 20 |
| Bromodichloromethane | ND | | 20 | 7.8 | ug/L | | | 10/21/14 13:59 | 20 |
| Bromoform | ND | | 20 | 5.2 | ug/L | | | 10/21/14 13:59 | 20 |
| Bromomethane | ND | | 20 | 14 | ug/L | | | 10/21/14 13:59 | 20 |
| Carbon disulfide | ND | | 20 | 3.8 | ug/L | | | 10/21/14 13:59 | 20 |
| Carbon tetrachloride | ND | | 20 | 5.4 | ug/L | | | 10/21/14 13:59 | 20 |
| Chlorobenzene | ND | | 20 | 15 | ug/L | | | 10/21/14 13:59 | 20 |
| Dibromochloromethane | ND | * | 20 | 6.4 | ug/L | | | 10/21/14 13:59 | 20 |
| Chloroethane | ND | | 20 | 6.4 | ug/L | | | 10/21/14 13:59 | 20 |
| Chloroform | ND | | 20 | 6.8 | ug/L | | | 10/21/14 13:59 | 20 |

## Client Sample ID: MW-3

**Lab Sample ID: 480-69165-3**

**Date Collected: 10/13/14 08:45**

**Matrix: Water**

**Date Received: 10/14/14 00:30**

### Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chloromethane | ND | | 20 | 7.0 | ug/L | | | 10/21/14 13:59 | 20 |
| cis-1,2-Dichloroethene | ND | | 20 | 16 | ug/L | | | 10/21/14 13:59 | 20 |
| cis-1,3-Dichloropropene | ND | | 20 | 7.2 | ug/L | | | 10/21/14 13:59 | 20 |
| Cyclohexane | ND | | 20 | 3.6 | ug/L | | | 10/21/14 13:59 | 20 |
| Dichlorodifluoromethane | ND | | 20 | 14 | ug/L | | | 10/21/14 13:59 | 20 |
| Ethylbenzene | ND | | 20 | 15 | ug/L | | | 10/21/14 13:59 | 20 |
| Isopropylbenzene | ND | | 20 | 16 | ug/L | | | 10/21/14 13:59 | 20 |
| Methyl acetate | ND | | 50 | 10 | ug/L | | | 10/21/14 13:59 | 20 |
| Methyl tert-butyl ether | ND | | 20 | 3.2 | ug/L | | | 10/21/14 13:59 | 20 |
| Methylcyclohexane | ND | | 20 | 3.2 | ug/L | | | 10/21/14 13:59 | 20 |
| Methylene Chloride | ND | | 20 | 8.8 | ug/L | | | 10/21/14 13:59 | 20 |
| Styrene | ND | | 20 | 15 | ug/L | | | 10/21/14 13:59 | 20 |
| **Tetrachloroethene** | **1200** | | 20 | 7.2 | ug/L | | | 10/21/14 13:59 | 20 |
| Toluene | ND | | 20 | 10 | ug/L | | | 10/21/14 13:59 | 20 |
| trans-1,2-Dichloroethene | ND | | 20 | 18 | ug/L | | | 10/21/14 13:59 | 20 |
| trans-1,3-Dichloropropene | ND | | 20 | 7.4 | ug/L | | | 10/21/14 13:59 | 20 |
| Trichloroethene | ND | | 20 | 9.2 | ug/L | | | 10/21/14 13:59 | 20 |
| Trichlorofluoromethane | ND | | 20 | 18 | ug/L | | | 10/21/14 13:59 | 20 |
| Vinyl chloride | ND | | 20 | 18 | ug/L | | | 10/21/14 13:59 | 20 |
| Xylenes, Total | ND | | 40 | 13 | ug/L | | | 10/21/14 13:59 | 20 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *93* | | *66 - 137* | | *10/21/14 13:59* | *20* |
| *Toluene-d8 (Surr)* | *99* | | *71 - 126* | | *10/21/14 13:59* | *20* |
| *4-Bromofluorobenzene (Surr)* | *102* | | *73 - 120* | | *10/21/14 13:59* | *20* |
| *Dibromofluoromethane (Surr)* | *97* | | *60 - 140* | | *10/21/14 13:59* | *20* |

## Client Sample ID: MW-4

**Lab Sample ID: 480-69165-4**

**Date Collected: 10/13/14 09:45**

**Matrix: Water**

**Date Received: 10/14/14 00:30**

### Method: 8260C - Volatile Organic Compounds by GC/MS

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ND | | 20 | 16 | ug/L | | | 10/21/14 08:33 | 20 |
| 1,1,2,2-Tetrachloroethane | ND | | 20 | 4.2 | ug/L | | | 10/21/14 08:33 | 20 |
| 1,1,2-Trichloroethane | ND | | 20 | 4.6 | ug/L | | | 10/21/14 08:33 | 20 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 20 | 6.2 | ug/L | | | 10/21/14 08:33 | 20 |
| 1,1-Dichloroethane | ND | | 20 | 7.6 | ug/L | | | 10/21/14 08:33 | 20 |
| 1,1-Dichloroethene | ND | | 20 | 5.8 | ug/L | | | 10/21/14 08:33 | 20 |
| 1,2,4-Trichlorobenzene | ND | | 20 | 8.2 | ug/L | | | 10/21/14 08:33 | 20 |
| 1,2-Dibromo-3-Chloropropane | ND | | 20 | 7.8 | ug/L | | | 10/21/14 08:33 | 20 |
| 1,2-Dibromoethane | ND | | 20 | 15 | ug/L | | | 10/21/14 08:33 | 20 |
| 1,2-Dichlorobenzene | ND | | 20 | 16 | ug/L | | | 10/21/14 08:33 | 20 |
| 1,2-Dichloroethane | ND | | 20 | 4.2 | ug/L | | | 10/21/14 08:33 | 20 |
| 1,2-Dichloropropane | ND | | 20 | 14 | ug/L | | | 10/21/14 08:33 | 20 |
| 1,3-Dichlorobenzene | ND | | 20 | 16 | ug/L | | | 10/21/14 08:33 | 20 |
| 1,4-Dichlorobenzene | ND | | 20 | 17 | ug/L | | | 10/21/14 08:33 | 20 |
| 2-Hexanone | ND | | 100 | 25 | ug/L | | | 10/21/14 08:33 | 20 |
| 2-Butanone (MEK) | ND | | 200 | 26 | ug/L | | | 10/21/14 08:33 | 20 |
| 4-Methyl-2-pentanone (MIBK) | ND | | 100 | 42 | ug/L | | | 10/21/14 08:33 | 20 |

## Client Sample ID: MW-4

**Lab Sample ID: 480-69165-4**

**Date Collected: 10/13/14 09:45**

**Matrix: Water**

**Date Received: 10/14/14 00:30**

### Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | ND | | 200 | 60 | ug/L | | | 10/21/14 08:33 | 20 |
| Benzene | ND | | 20 | 8.2 | ug/L | | | 10/21/14 08:33 | 20 |
| Bromodichloromethane | ND | | 20 | 7.8 | ug/L | | | 10/21/14 08:33 | 20 |
| Bromoform | ND | | 20 | 5.2 | ug/L | | | 10/21/14 08:33 | 20 |
| Bromomethane | ND | | 20 | 14 | ug/L | | | 10/21/14 08:33 | 20 |
| Carbon disulfide | ND | | 20 | 3.8 | ug/L | | | 10/21/14 08:33 | 20 |
| Carbon tetrachloride | ND | | 20 | 5.4 | ug/L | | | 10/21/14 08:33 | 20 |
| Chlorobenzene | ND | | 20 | 15 | ug/L | | | 10/21/14 08:33 | 20 |
| Dibromochloromethane | ND | | 20 | 6.4 | ug/L | | | 10/21/14 08:33 | 20 |
| Chloroethane | ND | | 20 | 6.4 | ug/L | | | 10/21/14 08:33 | 20 |
| Chloroform | ND | | 20 | 6.8 | ug/L | | | 10/21/14 08:33 | 20 |
| Chloromethane | ND | | 20 | 7.0 | ug/L | | | 10/21/14 08:33 | 20 |
| cis-1,2-Dichloroethene | ND | | 20 | 16 | ug/L | | | 10/21/14 08:33 | 20 |
| cis-1,3-Dichloropropene | ND | | 20 | 7.2 | ug/L | | | 10/21/14 08:33 | 20 |
| Cyclohexane | ND | | 20 | 3.6 | ug/L | | | 10/21/14 08:33 | 20 |
| Dichlorodifluoromethane | ND | * | 20 | 14 | ug/L | | | 10/21/14 08:33 | 20 |
| Ethylbenzene | ND | | 20 | 15 | ug/L | | | 10/21/14 08:33 | 20 |
| Isopropylbenzene | ND | | 20 | 16 | ug/L | | | 10/21/14 08:33 | 20 |
| Methyl acetate | ND | | 50 | 10 | ug/L | | | 10/21/14 08:33 | 20 |
| Methyl tert-butyl ether | ND | | 20 | 3.2 | ug/L | | | 10/21/14 08:33 | 20 |
| Methylcyclohexane | ND | | 20 | 3.2 | ug/L | | | 10/21/14 08:33 | 20 |
| Methylene Chloride | ND | | 20 | 8.8 | ug/L | | | 10/21/14 08:33 | 20 |
| Styrene | ND | | 20 | 15 | ug/L | | | 10/21/14 08:33 | 20 |
| **Tetrachloroethene** | **1100** | | 20 | 7.2 | ug/L | | | 10/21/14 08:33 | 20 |
| Toluene | ND | | 20 | 10 | ug/L | | | 10/21/14 08:33 | 20 |
| trans-1,2-Dichloroethene | ND | | 20 | 18 | ug/L | | | 10/21/14 08:33 | 20 |
| trans-1,3-Dichloropropene | ND | | 20 | 7.4 | ug/L | | | 10/21/14 08:33 | 20 |
| Trichloroethene | ND | | 20 | 9.2 | ug/L | | | 10/21/14 08:33 | 20 |
| Trichlorofluoromethane | ND | | 20 | 18 | ug/L | | | 10/21/14 08:33 | 20 |
| Vinyl chloride | ND | | 20 | 18 | ug/L | | | 10/21/14 08:33 | 20 |
| Xylenes, Total | ND | | 40 | 13 | ug/L | | | 10/21/14 08:33 | 20 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *102* | | *66 - 137* | | *10/21/14 08:33* | *20* |
| *Toluene-d8 (Surr)* | *102* | | *71 - 126* | | *10/21/14 08:33* | *20* |
| *4-Bromofluorobenzene (Surr)* | *104* | | *73 - 120* | | *10/21/14 08:33* | *20* |
| *Dibromofluoromethane (Surr)* | *103* | | *60 - 140* | | *10/21/14 08:33* | *20* |

## Client Sample ID: TRIP BLANK

**Lab Sample ID: 480-69165-5**

**Date Collected: 10/10/14 00:00**

**Matrix: Water**

**Date Received: 10/14/14 00:30**

### Method: 8260C - Volatile Organic Compounds by GC/MS

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ND | | 1.0 | 0.82 | ug/L | | | 10/21/14 06:53 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.0 | 0.21 | ug/L | | | 10/21/14 06:53 | 1 |
| 1,1,2-Trichloroethane | ND | | 1.0 | 0.23 | ug/L | | | 10/21/14 06:53 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 1.0 | 0.31 | ug/L | | | 10/21/14 06:53 | 1 |
| 1,1-Dichloroethane | ND | | 1.0 | 0.38 | ug/L | | | 10/21/14 06:53 | 1 |
| 1,1-Dichloroethene | ND | | 1.0 | 0.29 | ug/L | | | 10/21/14 06:53 | 1 |

Client: URS Corporation
Project/Site: Walgreens Site (Kingston, NY)

TestAmerica Job ID: 480-69165-1

**Client Sample ID: TRIP BLANK**
**Date Collected: 10/10/14 00:00**
**Date Received: 10/14/14 00:30**

**Lab Sample ID: 480-69165-5**
**Matrix: Water**

**Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,2,4-Trichlorobenzene | ND | | 1.0 | 0.41 | ug/L | | | 10/21/14 06:53 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 1.0 | 0.39 | ug/L | | | 10/21/14 06:53 | 1 |
| 1,2-Dibromoethane | ND | | 1.0 | 0.73 | ug/L | | | 10/21/14 06:53 | 1 |
| 1,2-Dichlorobenzene | ND | | 1.0 | 0.79 | ug/L | | | 10/21/14 06:53 | 1 |
| 1,2-Dichloroethane | ND | | 1.0 | 0.21 | ug/L | | | 10/21/14 06:53 | 1 |
| 1,2-Dichloropropane | ND | | 1.0 | 0.72 | ug/L | | | 10/21/14 06:53 | 1 |
| 1,3-Dichlorobenzene | ND | | 1.0 | 0.78 | ug/L | | | 10/21/14 06:53 | 1 |
| 1,4-Dichlorobenzene | ND | | 1.0 | 0.84 | ug/L | | | 10/21/14 06:53 | 1 |
| 2-Hexanone | ND | | 5.0 | 1.2 | ug/L | | | 10/21/14 06:53 | 1 |
| 2-Butanone (MEK) | ND | | 10 | 1.3 | ug/L | | | 10/21/14 06:53 | 1 |
| 4-Methyl-2-pentanone (MIBK) | ND | | 5.0 | 2.1 | ug/L | | | 10/21/14 06:53 | 1 |
| Acetone | ND | | 10 | 3.0 | ug/L | | | 10/21/14 06:53 | 1 |
| Benzene | ND | | 1.0 | 0.41 | ug/L | | | 10/21/14 06:53 | 1 |
| Bromodichloromethane | ND | | 1.0 | 0.39 | ug/L | | | 10/21/14 06:53 | 1 |
| Bromoform | ND | | 1.0 | 0.26 | ug/L | | | 10/21/14 06:53 | 1 |
| Bromomethane | ND | | 1.0 | 0.69 | ug/L | | | 10/21/14 06:53 | 1 |
| Carbon disulfide | ND | | 1.0 | 0.19 | ug/L | | | 10/21/14 06:53 | 1 |
| Carbon tetrachloride | ND | | 1.0 | 0.27 | ug/L | | | 10/21/14 06:53 | 1 |
| Chlorobenzene | ND | | 1.0 | 0.75 | ug/L | | | 10/21/14 06:53 | 1 |
| Dibromochloromethane | ND | | 1.0 | 0.32 | ug/L | | | 10/21/14 06:53 | 1 |
| Chloroethane | ND | | 1.0 | 0.32 | ug/L | | | 10/21/14 06:53 | 1 |
| Chloroform | ND | | 1.0 | 0.34 | ug/L | | | 10/21/14 06:53 | 1 |
| Chloromethane | ND | | 1.0 | 0.35 | ug/L | | | 10/21/14 06:53 | 1 |
| cis-1,2-Dichloroethene | ND | | 1.0 | 0.81 | ug/L | | | 10/21/14 06:53 | 1 |
| cis-1,3-Dichloropropene | ND | | 1.0 | 0.36 | ug/L | | | 10/21/14 06:53 | 1 |
| Cyclohexane | ND | | 1.0 | 0.18 | ug/L | | | 10/21/14 06:53 | 1 |
| Dichlorodifluoromethane | ND | * | 1.0 | 0.68 | ug/L | | | 10/21/14 06:53 | 1 |
| Ethylbenzene | ND | | 1.0 | 0.74 | ug/L | | | 10/21/14 06:53 | 1 |
| Isopropylbenzene | ND | | 1.0 | 0.79 | ug/L | | | 10/21/14 06:53 | 1 |
| Methyl acetate | ND | | 2.5 | 0.50 | ug/L | | | 10/21/14 06:53 | 1 |
| Methyl tert-butyl ether | ND | | 1.0 | 0.16 | ug/L | | | 10/21/14 06:53 | 1 |
| Methylcyclohexane | ND | | 1.0 | 0.16 | ug/L | | | 10/21/14 06:53 | 1 |
| Methylene Chloride | ND | | 1.0 | 0.44 | ug/L | | | 10/21/14 06:53 | 1 |
| Styrene | ND | | 1.0 | 0.73 | ug/L | | | 10/21/14 06:53 | 1 |
| Tetrachloroethene | ND | | 1.0 | 0.36 | ug/L | | | 10/21/14 06:53 | 1 |
| Toluene | ND | | 1.0 | 0.51 | ug/L | | | 10/21/14 06:53 | 1 |
| trans-1,2-Dichloroethene | ND | | 1.0 | 0.90 | ug/L | | | 10/21/14 06:53 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.0 | 0.37 | ug/L | | | 10/21/14 06:53 | 1 |
| Trichloroethene | ND | | 1.0 | 0.46 | ug/L | | | 10/21/14 06:53 | 1 |
| Trichlorofluoromethane | ND | | 1.0 | 0.88 | ug/L | | | 10/21/14 06:53 | 1 |
| Vinyl chloride | ND | | 1.0 | 0.90 | ug/L | | | 10/21/14 06:53 | 1 |
| Xylenes, Total | ND | | 2.0 | 0.66 | ug/L | | | 10/21/14 06:53 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *101* | | *66 - 137* | | *10/21/14 06:53* | *1* |
| *Toluene-d8 (Surr)* | *100* | | *71 - 126* | | *10/21/14 06:53* | *1* |
| *4-Bromofluorobenzene (Surr)* | *101* | | *73 - 120* | | *10/21/14 06:53* | *1* |
| *Dibromofluoromethane (Surr)* | *103* | | *60 - 140* | | *10/21/14 06:53* | *1* |

# Surrogate Summary

Client: URS Corporation
Project/Site: Walgreens Site (Kingston, NY)

TestAmerica Job ID: 480-69165-1

## Method: 8260C - Volatile Organic Compounds by GC/MS

**Matrix: Water** **Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | | | |
|---|---|---|---|---|---|
| | | 12DCE | TOL | BFB | DBFM |
| Lab Sample ID | Client Sample ID | (66-137) | (71-126) | (73-120) | (60-140) |
| 480-69165-1 | MW-1 | 108 | 107 | 100 | 101 |
| 480-69165-2 | MW-2 | 109 | 98 | 99 | 97 |
| 480-69165-3 | MW-3 | 93 | 99 | 102 | 97 |
| 480-69165-3 MS | MW-3 | 91 | 97 | 102 | 98 |
| 480-69165-3 MSD | MW-3 | 92 | 99 | 102 | 99 |
| 480-69165-4 | MW-4 | 102 | 102 | 104 | 103 |
| 480-69165-4 MS | MW-4 | 100 | 100 | 102 | 102 |
| 480-69165-4 MSD | MW-4 | 99 | 101 | 101 | 101 |
| 480-69165-5 | TRIP BLANK | 101 | 100 | 101 | 103 |
| LCS 480-208917/4 | Lab Control Sample | 101 | 102 | 102 | 102 |
| LCS 480-209000/5 | Lab Control Sample | 91 | 97 | 99 | 98 |
| MB 480-208917/7 | Method Blank | 98 | 99 | 101 | 100 |
| MB 480-209000/7 | Method Blank | 92 | 99 | 103 | 99 |

**Surrogate Legend**

12DCE = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)

## Method: 8260C - Volatile Organic Compounds by GC/MS

**Lab Sample ID: MB 480-208917/7**
**Matrix: Water**
**Analysis Batch: 208917**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ND | | 1.0 | 0.82 | ug/L | | | 10/21/14 01:35 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.0 | 0.21 | ug/L | | | 10/21/14 01:35 | 1 |
| 1,1,2-Trichloroethane | ND | | 1.0 | 0.23 | ug/L | | | 10/21/14 01:35 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 1.0 | 0.31 | ug/L | | | 10/21/14 01:35 | 1 |
| 1,1-Dichloroethane | ND | | 1.0 | 0.38 | ug/L | | | 10/21/14 01:35 | 1 |
| 1,1-Dichloroethene | ND | | 1.0 | 0.29 | ug/L | | | 10/21/14 01:35 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.0 | 0.41 | ug/L | | | 10/21/14 01:35 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 1.0 | 0.39 | ug/L | | | 10/21/14 01:35 | 1 |
| 1,2-Dibromoethane | ND | | 1.0 | 0.73 | ug/L | | | 10/21/14 01:35 | 1 |
| 1,2-Dichlorobenzene | ND | | 1.0 | 0.79 | ug/L | | | 10/21/14 01:35 | 1 |
| 1,2-Dichloroethane | ND | | 1.0 | 0.21 | ug/L | | | 10/21/14 01:35 | 1 |
| 1,2-Dichloropropane | ND | | 1.0 | 0.72 | ug/L | | | 10/21/14 01:35 | 1 |
| 1,3-Dichlorobenzene | ND | | 1.0 | 0.78 | ug/L | | | 10/21/14 01:35 | 1 |
| 1,4-Dichlorobenzene | ND | | 1.0 | 0.84 | ug/L | | | 10/21/14 01:35 | 1 |
| 2-Hexanone | ND | | 5.0 | 1.2 | ug/L | | | 10/21/14 01:35 | 1 |
| 2-Butanone (MEK) | ND | | 10 | 1.3 | ug/L | | | 10/21/14 01:35 | 1 |
| 4-Methyl-2-pentanone (MIBK) | ND | | 5.0 | 2.1 | ug/L | | | 10/21/14 01:35 | 1 |
| Acetone | ND | | 10 | 3.0 | ug/L | | | 10/21/14 01:35 | 1 |
| Benzene | ND | | 1.0 | 0.41 | ug/L | | | 10/21/14 01:35 | 1 |
| Bromodichloromethane | ND | | 1.0 | 0.39 | ug/L | | | 10/21/14 01:35 | 1 |
| Bromoform | ND | | 1.0 | 0.26 | ug/L | | | 10/21/14 01:35 | 1 |
| Bromomethane | ND | | 1.0 | 0.69 | ug/L | | | 10/21/14 01:35 | 1 |
| Carbon disulfide | ND | | 1.0 | 0.19 | ug/L | | | 10/21/14 01:35 | 1 |
| Carbon tetrachloride | ND | | 1.0 | 0.27 | ug/L | | | 10/21/14 01:35 | 1 |
| Chlorobenzene | ND | | 1.0 | 0.75 | ug/L | | | 10/21/14 01:35 | 1 |
| Dibromochloromethane | ND | | 1.0 | 0.32 | ug/L | | | 10/21/14 01:35 | 1 |
| Chloroethane | ND | | 1.0 | 0.32 | ug/L | | | 10/21/14 01:35 | 1 |
| Chloroform | ND | | 1.0 | 0.34 | ug/L | | | 10/21/14 01:35 | 1 |
| Chloromethane | ND | | 1.0 | 0.35 | ug/L | | | 10/21/14 01:35 | 1 |
| cis-1,2-Dichloroethene | ND | | 1.0 | 0.81 | ug/L | | | 10/21/14 01:35 | 1 |
| cis-1,3-Dichloropropene | ND | | 1.0 | 0.36 | ug/L | | | 10/21/14 01:35 | 1 |
| Cyclohexane | ND | | 1.0 | 0.18 | ug/L | | | 10/21/14 01:35 | 1 |
| Dichlorodifluoromethane | ND | | 1.0 | 0.68 | ug/L | | | 10/21/14 01:35 | 1 |
| Ethylbenzene | ND | | 1.0 | 0.74 | ug/L | | | 10/21/14 01:35 | 1 |
| Isopropylbenzene | ND | | 1.0 | 0.79 | ug/L | | | 10/21/14 01:35 | 1 |
| Methyl acetate | ND | | 2.5 | 0.50 | ug/L | | | 10/21/14 01:35 | 1 |
| Methyl tert-butyl ether | ND | | 1.0 | 0.16 | ug/L | | | 10/21/14 01:35 | 1 |
| Methylcyclohexane | ND | | 1.0 | 0.16 | ug/L | | | 10/21/14 01:35 | 1 |
| Methylene Chloride | ND | | 1.0 | 0.44 | ug/L | | | 10/21/14 01:35 | 1 |
| Styrene | ND | | 1.0 | 0.73 | ug/L | | | 10/21/14 01:35 | 1 |
| Tetrachloroethene | ND | | 1.0 | 0.36 | ug/L | | | 10/21/14 01:35 | 1 |
| Toluene | ND | | 1.0 | 0.51 | ug/L | | | 10/21/14 01:35 | 1 |
| trans-1,2-Dichloroethene | ND | | 1.0 | 0.90 | ug/L | | | 10/21/14 01:35 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.0 | 0.37 | ug/L | | | 10/21/14 01:35 | 1 |
| Trichloroethene | ND | | 1.0 | 0.46 | ug/L | | | 10/21/14 01:35 | 1 |
| Trichlorofluoromethane | ND | | 1.0 | 0.88 | ug/L | | | 10/21/14 01:35 | 1 |
| Vinyl chloride | ND | | 1.0 | 0.90 | ug/L | | | 10/21/14 01:35 | 1 |
| Xylenes, Total | ND | | 2.0 | 0.66 | ug/L | | | 10/21/14 01:35 | 1 |

## Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

**Lab Sample ID: MB 480-208917/7**
**Matrix: Water**
**Analysis Batch: 208917**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *98* | | *66 - 137* | | *10/21/14 01:35* | *1* |
| *Toluene-d8 (Surr)* | *99* | | *71 - 126* | | *10/21/14 01:35* | *1* |
| *4-Bromofluorobenzene (Surr)* | *101* | | *73 - 120* | | *10/21/14 01:35* | *1* |
| *Dibromofluoromethane (Surr)* | *100* | | *60 - 140* | | *10/21/14 01:35* | *1* |

**Lab Sample ID: LCS 480-208917/4**
**Matrix: Water**
**Analysis Batch: 208917**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethane | 25.0 | 24.4 | | ug/L | | 98 | 71 - 129 |
| 1,1-Dichloroethene | 25.0 | 22.9 | | ug/L | | 92 | 58 - 121 |
| 1,2-Dichlorobenzene | 25.0 | 24.3 | | ug/L | | 97 | 80 - 124 |
| 1,2-Dichloroethane | 25.0 | 23.6 | | ug/L | | 94 | 75 - 127 |
| Benzene | 25.0 | 23.9 | | ug/L | | 96 | 71 - 124 |
| Chlorobenzene | 25.0 | 23.9 | | ug/L | | 96 | 72 - 120 |
| cis-1,2-Dichloroethene | 25.0 | 25.0 | | ug/L | | 100 | 74 - 124 |
| Ethylbenzene | 25.0 | 23.8 | | ug/L | | 95 | 77 - 123 |
| Methyl tert-butyl ether | 25.0 | 26.5 | | ug/L | | 106 | 64 - 127 |
| Tetrachloroethene | 25.0 | 24.5 | | ug/L | | 98 | 74 - 122 |
| Toluene | 25.0 | 24.4 | | ug/L | | 98 | 80 - 122 |
| trans-1,2-Dichloroethene | 25.0 | 23.5 | | ug/L | | 94 | 73 - 127 |
| Trichloroethene | 25.0 | 23.6 | | ug/L | | 94 | 74 - 123 |

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *101* | | *66 - 137* |
| *Toluene-d8 (Surr)* | *102* | | *71 - 126* |
| *4-Bromofluorobenzene (Surr)* | *102* | | *73 - 120* |
| *Dibromofluoromethane (Surr)* | *102* | | *60 - 140* |

**Lab Sample ID: 480-69165-4 MS**
**Matrix: Water**
**Analysis Batch: 208917**

**Client Sample ID: MW-4**
**Prep Type: Total/NA**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethane | ND | | 500 | 486 | | ug/L | | 97 | 71 - 129 |
| 1,1-Dichloroethene | ND | | 500 | 463 | | ug/L | | 93 | 58 - 121 |
| 1,2-Dichlorobenzene | ND | | 500 | 471 | | ug/L | | 94 | 80 - 124 |
| 1,2-Dichloroethane | ND | | 500 | 466 | | ug/L | | 93 | 75 - 127 |
| Benzene | ND | | 500 | 470 | | ug/L | | 94 | 71 - 124 |
| Chlorobenzene | ND | | 500 | 482 | | ug/L | | 96 | 72 - 120 |
| cis-1,2-Dichloroethene | ND | | 500 | 488 | | ug/L | | 98 | 74 - 124 |
| Ethylbenzene | ND | | 500 | 466 | | ug/L | | 93 | 77 - 123 |
| Methyl tert-butyl ether | ND | | 500 | 510 | | ug/L | | 102 | 64 - 127 |
| Tetrachloroethene | 1100 | | 500 | 1390 | F1 | ug/L | | 63 | 74 - 122 |
| Toluene | ND | | 500 | 484 | | ug/L | | 97 | 80 - 122 |
| trans-1,2-Dichloroethene | ND | | 500 | 467 | | ug/L | | 93 | 73 - 127 |
| Trichloroethene | ND | | 500 | 471 | | ug/L | | 94 | 74 - 123 |

## Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

**Lab Sample ID: 480-69165-4 MS**
**Matrix: Water**
**Analysis Batch: 208917**

**Client Sample ID: MW-4**
**Prep Type: Total/NA**

| Surrogate | MS %Recovery | MS Qualifier | Limits |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *100* | | *66 - 137* |
| *Toluene-d8 (Surr)* | *100* | | *71 - 126* |
| *4-Bromofluorobenzene (Surr)* | *102* | | *73 - 120* |
| *Dibromofluoromethane (Surr)* | *102* | | *60 - 140* |

**Lab Sample ID: 480-69165-4 MSD**
**Matrix: Water**
**Analysis Batch: 208917**

**Client Sample ID: MW-4**
**Prep Type: Total/NA**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethane | ND | | 500 | 501 | | ug/L | | 100 | 71 - 129 | 3 | 20 |
| 1,1-Dichloroethene | ND | | 500 | 486 | | ug/L | | 97 | 58 - 121 | 5 | 16 |
| 1,2-Dichlorobenzene | ND | | 500 | 484 | | ug/L | | 97 | 80 - 124 | 3 | 20 |
| 1,2-Dichloroethane | ND | | 500 | 476 | | ug/L | | 95 | 75 - 127 | 2 | 20 |
| Benzene | ND | | 500 | 490 | | ug/L | | 98 | 71 - 124 | 4 | 13 |
| Chlorobenzene | ND | | 500 | 505 | | ug/L | | 101 | 72 - 120 | 5 | 25 |
| cis-1,2-Dichloroethene | ND | | 500 | 503 | | ug/L | | 101 | 74 - 124 | 3 | 15 |
| Ethylbenzene | ND | | 500 | 489 | | ug/L | | 98 | 77 - 123 | 5 | 15 |
| Methyl tert-butyl ether | ND | | 500 | 513 | | ug/L | | 103 | 64 - 127 | 1 | 37 |
| Tetrachloroethene | 1100 | | 500 | 1450 | | ug/L | | 76 | 74 - 122 | 4 | 20 |
| Toluene | ND | | 500 | 500 | | ug/L | | 100 | 80 - 122 | 3 | 15 |
| trans-1,2-Dichloroethene | ND | | 500 | 493 | | ug/L | | 99 | 73 - 127 | 5 | 20 |
| Trichloroethene | ND | | 500 | 498 | | ug/L | | 100 | 74 - 123 | 6 | 16 |

| Surrogate | MSD %Recovery | MSD Qualifier | Limits |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *99* | | *66 - 137* |
| *Toluene-d8 (Surr)* | *101* | | *71 - 126* |
| *4-Bromofluorobenzene (Surr)* | *101* | | *73 - 120* |
| *Dibromofluoromethane (Surr)* | *101* | | *60 - 140* |

**Lab Sample ID: MB 480-209000/7**
**Matrix: Water**
**Analysis Batch: 209000**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ND | | 1.0 | 0.82 | ug/L | | | 10/21/14 12:15 | 1 |
| 1,1,2,2-Tetrachloroethane | ND | | 1.0 | 0.21 | ug/L | | | 10/21/14 12:15 | 1 |
| 1,1,2-Trichloroethane | ND | | 1.0 | 0.23 | ug/L | | | 10/21/14 12:15 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | ND | | 1.0 | 0.31 | ug/L | | | 10/21/14 12:15 | 1 |
| 1,1-Dichloroethane | ND | | 1.0 | 0.38 | ug/L | | | 10/21/14 12:15 | 1 |
| 1,1-Dichloroethene | ND | | 1.0 | 0.29 | ug/L | | | 10/21/14 12:15 | 1 |
| 1,2,4-Trichlorobenzene | ND | | 1.0 | 0.41 | ug/L | | | 10/21/14 12:15 | 1 |
| 1,2-Dibromo-3-Chloropropane | ND | | 1.0 | 0.39 | ug/L | | | 10/21/14 12:15 | 1 |
| 1,2-Dibromoethane | ND | | 1.0 | 0.73 | ug/L | | | 10/21/14 12:15 | 1 |
| 1,2-Dichlorobenzene | ND | | 1.0 | 0.79 | ug/L | | | 10/21/14 12:15 | 1 |
| 1,2-Dichloroethane | ND | | 1.0 | 0.21 | ug/L | | | 10/21/14 12:15 | 1 |
| 1,2-Dichloropropane | ND | | 1.0 | 0.72 | ug/L | | | 10/21/14 12:15 | 1 |
| 1,3-Dichlorobenzene | ND | | 1.0 | 0.78 | ug/L | | | 10/21/14 12:15 | 1 |

## Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

**Lab Sample ID: MB 480-209000/7**
**Matrix: Water**
**Analysis Batch: 209000**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,4-Dichlorobenzene | ND | | 1.0 | 0.84 | ug/L | | | 10/21/14 12:15 | 1 |
| 2-Hexanone | ND | | 5.0 | 1.2 | ug/L | | | 10/21/14 12:15 | 1 |
| 2-Butanone (MEK) | ND | | 10 | 1.3 | ug/L | | | 10/21/14 12:15 | 1 |
| 4-Methyl-2-pentanone (MIBK) | ND | | 5.0 | 2.1 | ug/L | | | 10/21/14 12:15 | 1 |
| Acetone | ND | | 10 | 3.0 | ug/L | | | 10/21/14 12:15 | 1 |
| Benzene | ND | | 1.0 | 0.41 | ug/L | | | 10/21/14 12:15 | 1 |
| Bromodichloromethane | ND | | 1.0 | 0.39 | ug/L | | | 10/21/14 12:15 | 1 |
| Bromoform | ND | | 1.0 | 0.26 | ug/L | | | 10/21/14 12:15 | 1 |
| Bromomethane | ND | | 1.0 | 0.69 | ug/L | | | 10/21/14 12:15 | 1 |
| Carbon disulfide | ND | | 1.0 | 0.19 | ug/L | | | 10/21/14 12:15 | 1 |
| Carbon tetrachloride | ND | | 1.0 | 0.27 | ug/L | | | 10/21/14 12:15 | 1 |
| Chlorobenzene | ND | | 1.0 | 0.75 | ug/L | | | 10/21/14 12:15 | 1 |
| Dibromochloromethane | ND | | 1.0 | 0.32 | ug/L | | | 10/21/14 12:15 | 1 |
| Chloroethane | ND | | 1.0 | 0.32 | ug/L | | | 10/21/14 12:15 | 1 |
| Chloroform | ND | | 1.0 | 0.34 | ug/L | | | 10/21/14 12:15 | 1 |
| Chloromethane | ND | | 1.0 | 0.35 | ug/L | | | 10/21/14 12:15 | 1 |
| cis-1,2-Dichloroethene | ND | | 1.0 | 0.81 | ug/L | | | 10/21/14 12:15 | 1 |
| cis-1,3-Dichloropropene | ND | | 1.0 | 0.36 | ug/L | | | 10/21/14 12:15 | 1 |
| Cyclohexane | ND | | 1.0 | 0.18 | ug/L | | | 10/21/14 12:15 | 1 |
| Dichlorodifluoromethane | ND | | 1.0 | 0.68 | ug/L | | | 10/21/14 12:15 | 1 |
| Ethylbenzene | ND | | 1.0 | 0.74 | ug/L | | | 10/21/14 12:15 | 1 |
| Isopropylbenzene | ND | | 1.0 | 0.79 | ug/L | | | 10/21/14 12:15 | 1 |
| Methyl acetate | ND | | 2.5 | 0.50 | ug/L | | | 10/21/14 12:15 | 1 |
| Methyl tert-butyl ether | ND | | 1.0 | 0.16 | ug/L | | | 10/21/14 12:15 | 1 |
| Methylcyclohexane | ND | | 1.0 | 0.16 | ug/L | | | 10/21/14 12:15 | 1 |
| Methylene Chloride | ND | | 1.0 | 0.44 | ug/L | | | 10/21/14 12:15 | 1 |
| Styrene | ND | | 1.0 | 0.73 | ug/L | | | 10/21/14 12:15 | 1 |
| Tetrachloroethene | ND | | 1.0 | 0.36 | ug/L | | | 10/21/14 12:15 | 1 |
| Toluene | ND | | 1.0 | 0.51 | ug/L | | | 10/21/14 12:15 | 1 |
| trans-1,2-Dichloroethene | ND | | 1.0 | 0.90 | ug/L | | | 10/21/14 12:15 | 1 |
| trans-1,3-Dichloropropene | ND | | 1.0 | 0.37 | ug/L | | | 10/21/14 12:15 | 1 |
| Trichloroethene | ND | | 1.0 | 0.46 | ug/L | | | 10/21/14 12:15 | 1 |
| Trichlorofluoromethane | ND | | 1.0 | 0.88 | ug/L | | | 10/21/14 12:15 | 1 |
| Vinyl chloride | ND | | 1.0 | 0.90 | ug/L | | | 10/21/14 12:15 | 1 |
| Xylenes, Total | ND | | 2.0 | 0.66 | ug/L | | | 10/21/14 12:15 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *92* | | *66 - 137* | | *10/21/14 12:15* | *1* |
| *Toluene-d8 (Surr)* | *99* | | *71 - 126* | | *10/21/14 12:15* | *1* |
| *4-Bromofluorobenzene (Surr)* | *103* | | *73 - 120* | | *10/21/14 12:15* | *1* |
| *Dibromofluoromethane (Surr)* | *99* | | *60 - 140* | | *10/21/14 12:15* | *1* |

**Lab Sample ID: LCS 480-209000/5**
**Matrix: Water**
**Analysis Batch: 209000**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethane | 25.0 | 24.4 | | ug/L | | 98 | 71 - 129 |

## Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

**Lab Sample ID: LCS 480-209000/5**
**Matrix: Water**
**Analysis Batch: 209000**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | 25.0 | 24.8 | | ug/L | | 99 | 58 - 121 |
| 1,2-Dichlorobenzene | 25.0 | 25.4 | | ug/L | | 102 | 80 - 124 |
| 1,2-Dichloroethane | 25.0 | 22.7 | | ug/L | | 91 | 75 - 127 |
| Benzene | 25.0 | 24.8 | | ug/L | | 99 | 71 - 124 |
| Chlorobenzene | 25.0 | 25.3 | | ug/L | | 101 | 72 - 120 |
| cis-1,2-Dichloroethene | 25.0 | 24.8 | | ug/L | | 99 | 74 - 124 |
| Ethylbenzene | 25.0 | 24.8 | | ug/L | | 99 | 77 - 123 |
| Methyl tert-butyl ether | 25.0 | 24.4 | | ug/L | | 98 | 64 - 127 |
| Tetrachloroethene | 25.0 | 25.0 | | ug/L | | 100 | 74 - 122 |
| Toluene | 25.0 | 24.8 | | ug/L | | 99 | 80 - 122 |
| trans-1,2-Dichloroethene | 25.0 | 25.3 | | ug/L | | 101 | 73 - 127 |
| Trichloroethene | 25.0 | 25.0 | | ug/L | | 100 | 74 - 123 |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *91* | | *66 - 137* |
| *Toluene-d8 (Surr)* | *97* | | *71 - 126* |
| *4-Bromofluorobenzene (Surr)* | *99* | | *73 - 120* |
| *Dibromofluoromethane (Surr)* | *98* | | *60 - 140* |

**Lab Sample ID: 480-69165-3 MS**
**Matrix: Water**
**Analysis Batch: 209000**

**Client Sample ID: MW-3**
**Prep Type: Total/NA**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethane | ND | | 500 | 493 | | ug/L | | 99 | 71 - 129 |
| 1,1-Dichloroethene | ND | | 500 | 503 | | ug/L | | 101 | 58 - 121 |
| 1,2-Dichlorobenzene | ND | | 500 | 515 | | ug/L | | 103 | 80 - 124 |
| 1,2-Dichloroethane | ND | | 500 | 461 | | ug/L | | 92 | 75 - 127 |
| Benzene | ND | | 500 | 497 | | ug/L | | 99 | 71 - 124 |
| Chlorobenzene | ND | | 500 | 499 | | ug/L | | 100 | 72 - 120 |
| cis-1,2-Dichloroethene | ND | | 500 | 495 | | ug/L | | 99 | 74 - 124 |
| Ethylbenzene | ND | | 500 | 498 | | ug/L | | 100 | 77 - 123 |
| Methyl tert-butyl ether | ND | | 500 | 497 | | ug/L | | 99 | 64 - 127 |
| Tetrachloroethene | 1200 | | 500 | 1410 | F1 | ug/L | | 41 | 74 - 122 |
| Toluene | ND | | 500 | 498 | | ug/L | | 100 | 80 - 122 |
| trans-1,2-Dichloroethene | ND | | 500 | 490 | | ug/L | | 98 | 73 - 127 |
| Trichloroethene | ND | | 500 | 508 | | ug/L | | 102 | 74 - 123 |

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *91* | | *66 - 137* |
| *Toluene-d8 (Surr)* | *97* | | *71 - 126* |
| *4-Bromofluorobenzene (Surr)* | *102* | | *73 - 120* |
| *Dibromofluoromethane (Surr)* | *98* | | *60 - 140* |

## Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

**Lab Sample ID: 480-69165-3 MSD**
**Matrix: Water**
**Analysis Batch: 209000**

**Client Sample ID: MW-3**
**Prep Type: Total/NA**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethane | ND | | 500 | 483 | | ug/L | | 97 | 71 - 129 | 2 | 20 |
| 1,1-Dichloroethene | ND | | 500 | 477 | | ug/L | | 95 | 58 - 121 | 5 | 16 |
| 1,2-Dichlorobenzene | ND | | 500 | 506 | | ug/L | | 101 | 80 - 124 | 2 | 20 |
| 1,2-Dichloroethane | ND | | 500 | 454 | | ug/L | | 91 | 75 - 127 | 2 | 20 |
| Benzene | ND | | 500 | 483 | | ug/L | | 97 | 71 - 124 | 3 | 13 |
| Chlorobenzene | ND | | 500 | 502 | | ug/L | | 100 | 72 - 120 | 1 | 25 |
| cis-1,2-Dichloroethene | ND | | 500 | 492 | | ug/L | | 98 | 74 - 124 | 1 | 15 |
| Ethylbenzene | ND | | 500 | 489 | | ug/L | | 98 | 77 - 123 | 2 | 15 |
| Methyl tert-butyl ether | ND | | 500 | 490 | | ug/L | | 98 | 64 - 127 | 1 | 37 |
| Tetrachloroethene | 1200 | | 500 | 1400 | F1 | ug/L | | 40 | 74 - 122 | 1 | 20 |
| Toluene | ND | | 500 | 488 | | ug/L | | 98 | 80 - 122 | 2 | 15 |
| trans-1,2-Dichloroethene | ND | | 500 | 496 | | ug/L | | 99 | 73 - 127 | 1 | 20 |
| Trichloroethene | ND | | 500 | 490 | | ug/L | | 98 | 74 - 123 | 4 | 16 |

| *Surrogate* | *MSD %Recovery* | *MSD Qualifier* | *Limits* |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *92* | | *66 - 137* |
| *Toluene-d8 (Surr)* | *99* | | *71 - 126* |
| *4-Bromofluorobenzene (Surr)* | *102* | | *73 - 120* |
| *Dibromofluoromethane (Surr)* | *99* | | *60 - 140* |

# QC Association Summary

Client: URS Corporation
Project/Site: Walgreens Site (Kingston, NY)

TestAmerica Job ID: 480-69165-1

## GC/MS VOA

### Analysis Batch: 208917

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 480-69165-1 | MW-1 | Total/NA | Water | 8260C | |
| 480-69165-4 | MW-4 | Total/NA | Water | 8260C | |
| 480-69165-4 MS | MW-4 | Total/NA | Water | 8260C | |
| 480-69165-4 MSD | MW-4 | Total/NA | Water | 8260C | |
| 480-69165-5 | TRIP BLANK | Total/NA | Water | 8260C | |
| LCS 480-208917/4 | Lab Control Sample | Total/NA | Water | 8260C | |
| MB 480-208917/7 | Method Blank | Total/NA | Water | 8260C | |

### Analysis Batch: 209000

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 480-69165-2 | MW-2 | Total/NA | Water | 8260C | |
| 480-69165-3 | MW-3 | Total/NA | Water | 8260C | |
| 480-69165-3 MS | MW-3 | Total/NA | Water | 8260C | |
| 480-69165-3 MSD | MW-3 | Total/NA | Water | 8260C | |
| LCS 480-209000/5 | Lab Control Sample | Total/NA | Water | 8260C | |
| MB 480-209000/7 | Method Blank | Total/NA | Water | 8260C | |

# Lab Chronicle

Client: URS Corporation
Project/Site: Walgreens Site (Kingston, NY)

TestAmerica Job ID: 480-69165-1

## Client Sample ID: MW-1
**Lab Sample ID: 480-69165-1**
**Date Collected: 10/13/14 10:40**
**Matrix: Water**
**Date Received: 10/14/14 00:30**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8260C | | 1 | 208917 | 10/21/14 07:18 | LCH | TAL BUF |

## Client Sample ID: MW-2
**Lab Sample ID: 480-69165-2**
**Date Collected: 10/13/14 09:50**
**Matrix: Water**
**Date Received: 10/14/14 00:30**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8260C | | 1 | 209000 | 10/21/14 13:35 | GTG | TAL BUF |

## Client Sample ID: MW-3
**Lab Sample ID: 480-69165-3**
**Date Collected: 10/13/14 08:45**
**Matrix: Water**
**Date Received: 10/14/14 00:30**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8260C | | 20 | 209000 | 10/21/14 13:59 | GTG | TAL BUF |

## Client Sample ID: MW-4
**Lab Sample ID: 480-69165-4**
**Date Collected: 10/13/14 09:45**
**Matrix: Water**
**Date Received: 10/14/14 00:30**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8260C | | 20 | 208917 | 10/21/14 08:33 | LCH | TAL BUF |

## Client Sample ID: TRIP BLANK
**Lab Sample ID: 480-69165-5**
**Date Collected: 10/10/14 00:00**
**Matrix: Water**
**Date Received: 10/14/14 00:30**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8260C | | 1 | 208917 | 10/21/14 06:53 | LCH | TAL BUF |

**Laboratory References:**

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

# Certification Summary

Client: URS Corporation
Project/Site: Walgreens Site (Kingston, NY)

TestAmerica Job ID: 480-69165-1

## Laboratory: TestAmerica Buffalo

The certifications listed below are applicable to this report.

| Authority | Program | EPA Region | Certification ID | Expiration Date |
|---|---|---|---|---|
| New York | NELAP | 2 | 10026 | 03-31-15 |

# Method Summary

Client: URS Corporation
Project/Site: Walgreens Site (Kingston, NY)

TestAmerica Job ID: 480-69165-1

| Method | Method Description | Protocol | Laboratory |
|---|---|---|---|
| 8260C | Volatile Organic Compounds by GC/MS | SW846 | TAL BUF |

**Protocol References:**

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

**Laboratory References:**

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

# Sample Summary

Client: URS Corporation
Project/Site: Walgreens Site (Kingston, NY)

TestAmerica Job ID: 480-69165-1

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received |
|---|---|---|---|---|
| 480-69165-1 | MW-1 | Water | 10/13/14 10:40 | 10/14/14 00:30 |
| 480-69165-2 | MW-2 | Water | 10/13/14 09:50 | 10/14/14 00:30 |
| 480-69165-3 | MW-3 | Water | 10/13/14 08:45 | 10/14/14 00:30 |
| 480-69165-4 | MW-4 | Water | 10/13/14 09:45 | 10/14/14 00:30 |
| 480-69165-5 | TRIP BLANK | Water | 10/10/14 00:00 | 10/14/14 00:30 |

**TestAmerica Albany**
25 Kraft Road
Albany, NY 12205

# Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

| Client Information | Sampler: Justin King / Mike KC | Lab PM: Deyo, Melissa L | Carrier Tracking No(s): | COC No: 480-56379-14877.1 |
|---|---|---|---|---|
| Client Contact: Michael Kuzia-Carmel | Phone: 518-369-0175 | E-Mail: melissa.deyo@testamericainc.com | | Page: Page 1 of 1 |
| Company: URS Corporation | | Analysis Requested | | Job #: 25368158.00002 |
| Address: 3 Corporate Drive, Suite 203 | Due Date Requested: | | | Preservation Codes: |
| City: Clifton Park | TAT Requested (days): 14 day | | | A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify) |
| State, Zip: NY, 12065 | | | | |
| Phone: 518-688-0015(Tel) | PO #: Peter.Fairbanks@urs.com | | | |
| Email: michael.kuzia-carmel@urs.com | WO #: Vendor# 1427536 | | | Other: |
| Project Name: Walgreens Site (Kingston, NY) | Project #: 48006310 | | | |
| Site: | SSOW#: | | | |

| Sample Identification | Sample Date | Sample Time | Sample Type (C=comp, G=grab) | Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air) | Field Filtered Sample (Yes or No) | Perform MS/MSD (Yes or No) | 8260C - TCL Volatiles | Total Number of containers | Special Instructions/Note: |
|---|---|---|---|---|---|---|---|---|---|
| | | | Preservation Code: | | | | A | | |
| MW-1 | 10/13/14 | 1040 | G | Water | | | X | | |
| MW-2 | 10/13/14 | 0950 | G | Water | | | X | | |
| MW-3 | 10/13/14 | 0845 | G | Water | | | X | | |
| MW-4 | 10/13/14 | 0945 | G | Water | | | X | | |
| Trip Blank | 10/10/14 | | | Water | | | X | | |

480-69165 Chain of Custody

10-13-14

| Possible Hazard Identification | Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month) |
|---|---|
| ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological | ☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months |
| Deliverable Requested: I, II, III, IV, Other (specify) | Special Instructions/QC Requirements: |

| Empty Kit Relinquished by: | Date: | Time: | Method of Shipment: |
|---|---|---|---|

| | Relinquished by: | Date/Time: | Company | Received by: | Date/Time: | Company |
|---|---|---|---|---|---|---|
| 1 | | 10/13/2014 - 1415 | | | 10-13-14 14:15 | TA |
| 2 | Relinquished by: | Date/Time: 10-13-14 18:00 | Company TA | Received by: | Date/Time: 10/14/14 0030 | Company TA |
| 3 | Relinquished by: | Date/Time: | Company | Received by: | Date/Time: | Company |

| Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: 3.0 #1 |
|---|---|---|

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10/22/2014

# Login Sample Receipt Checklist

Client: URS Corporation

Job Number: 480-69165-1

**Login Number: 69165**

**List Source: TestAmerica Buffalo**

**List Number: 1**

**Creator: Kolb, Chris M**

| Question | Answer | Comment |
|---|---|---|
| Radioactivity either was not measured or, if measured, is at or below background | True | |
| The cooler's custody seal, if present, is intact. | True | |
| The cooler or samples do not appear to have been compromised or tampered with. | True | |
| Samples were received on ice. | True | |
| Cooler Temperature is acceptable. | True | |
| Cooler Temperature is recorded. | True | |
| COC is present. | True | |
| COC is filled out in ink and legible. | True | |
| COC is filled out with all pertinent information. | True | |
| Is the Field Sampler's name present on COC? | True | |
| There are no discrepancies between the sample IDs on the containers and the COC. | True | |
| Samples are received within Holding Time. | True | |
| Sample containers have legible labels. | True | |
| Containers are not broken or leaking. | True | |
| Sample collection date/times are provided. | True | |
| Appropriate sample containers are used. | True | |
| Sample bottles are completely filled. | True | |
| Sample Preservation Verified | True | |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs | True | |
| VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter. | True | |
| If necessary, staff have been informed of any short hold time or quick TAT needs | True | |
| Multiphasic samples are not present. | True | |
| Samples do not require splitting or compositing. | True | |
| Sampling Company provided. | True | urs corp. |
| Samples received within 48 hours of sampling. | True | |
| Samples requiring field filtration have been filtered in the field. | True | |
| Chlorine Residual checked. | N/A | |