



Project BEN

**Phase II Environmental Site
Investigation**

Philips Lumileds

350 and 370 West Trimble
Road, San Jose, California

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1. INTRODUCTION

1.1. General

A Phase I Environmental Site Assessment (ESA) was conducted at the Philips Lumileds facility located at 350 and 370 West Trimble Road, San Jose, California in the United States of America. Based on the results of the Phase I ESA and to establish baseline environmental conditions at the site, URS was retained to perform a Baseline Phase II Environmental Site Investigation (ESI) at the site.

1.2. Purpose and Objectives

The Phase II ESI described below was conducted as a baseline investigation to identify soil and groundwater conditions at the time of the investigation. This Phase II ESI included investigation of soil and groundwater conditions in the area of a Recognized Environmental Condition (REC) identified during the Phase I ESA, in several process areas, and in areas adjacent to process areas at the site. The areas investigated during this Phase II ESI are introduced below.

- Diesel Underground Storage Tank (UST) Area: A release of diesel fuel from piping associated with a 12,000-gallon UST occurred in 2000. The San Francisco Bay Region of the California Regional Water Quality Control Board granted Case Closed status to the incident in August 2003. Residual petroleum reportedly was present at the time of closure, and the Case Closure Summary indicates that the residual petroleum could pose a risk if certain activities such as excavation, site grading, or installation of water wells occurred. URS identified this condition as a REC in the Phase I ESA.
- Solvent unloading area: A storm drain is located in a solvent unloading area of the site. The drain has a valve that can be closed so that releases of solvents, if they occur, do not discharge to the storm drainage system. This area was targeted for Phase II ESI soil and groundwater investigation based on the solvent unloading activities that occur in the area, although no evidence of releases of solvent was identified during the Phase I ESA.
- Wastewater treatment: the facility treats wastewater in an on-site system and is subject to wastewater pretreatment standards of 40 CFR 469 Subpart A (Electrical and Electronic Components – Semiconductor Subcategory). Soil and groundwater samples along the wastewater discharge line (from the treatment system to the municipally-owned sewer) were collected and analysed for constituents of concern.
- Other Process Areas: Soil and groundwater samples were collected from the perimeter of the process areas of the site and analysed for constituents of concern.
- Surficial soil samples: Air filtration equipment (referred to as “baghouses”) remove arsenic-containing particulates from process air before it is exhausted. The facility generates approximately 1 dumpster of waste filters per month. Surficial soil samples

from background (predominantly upwind areas of the site) and areas downwind of the baghouses were collected and analysed for arsenic.

- Perimeter groundwater samples: Groundwater samples from eight locations around the perimeter of the site were collected and analysed for constituents of concern.

1.3. Scope of Work

To meet the objectives outlined above, the Phase II ESI comprised the following tasks:

- Task 1: Preparation of a site-specific Health and Safety Plan (HASP);
- Task 2: Identification of Sampling Locations and Utility Clearance;
- Task 3: Sample collection;
- Task 4: Sample analysis;
- Task 5: Data Evaluation and Reporting, including quality assurance/quality control (QA/QC).

The scope of work for the field activities is detailed further in this report and was based on URS proposal P857684 dated 19 September 2014.

1.4. Report Organisation

Following this introduction, this report is organized to include the following sections:

- Section 2 presents a site description, history, and setting;
- Section 3 presents an overview of the investigation approach and field methods;
- Section 4 presents the observations and measurement collected during sample collection activities;
- Section 5 presents standards for evaluation of sample analytical results;
- Section 6 presents analytical results for samples collected during this investigation;
- Section 7 presents a discussion of analytical results in the context of the applicable standards described in Section 5;
- Section 8 the presents conclusions and recommendations.

Figures and tables pertaining to this assessment as well as select photographs taken during the site visit and the field investigation are included in the report. The logs of the soil borings and well construction details, as well as the laboratory reports are included in the appendices of this report.

2. SITE DESCRIPTION

2.1. Site Location and Description

The Site is located in an area of San Jose, California that is primarily developed for commercial and industrial use. The facility is located approximately 6 kilometers southeast of San Francisco Bay and 62 kilometers southeast of the city center of San Francisco, California. The closest residential area is located approximately 1 km to the north-northwest of the site.

A site location map is provided as Figure 1, while Figure 2 provides a site layout.

The site occupies a total surface area of approximately 281,135 m², of which approximately 198,296 m² are developed with buildings, asphalt driveways, parking areas, and maintained landscaping in the vicinity of the parking areas. Approximately 82,839 m² of the southern portion of the site are undeveloped. The site is entirely fenced, with site entrances along Trimble Road and Orchard Parkway.

The site is developed with five primary buildings, known as Building 90, Building 91, the Service Building (also called Service Building 90 on facility diagrams provided by the site), Service Building 91 (also called the Chemical Storage Building) and the Link Building which connects Buildings 90 and 91. The buildings were constructed in the late 1970s and early 1980s. Undeveloped areas of the site include a grass field located south and east of the buildings and a recreation area located southwest of the buildings. The recreation area includes a soccer field, a basketball court, a playground and picnic area, a volleyball court, and restroom facilities.

Philips Lumileds occupies Building 90, Service Building 90, Service Building 91, and portions of Building 91. Avago Technologies, a tenant, occupies remaining portions of Building 91. Site representatives indicated that Avago Technologies will vacate the site in 2015.

A 150,000-gallon fire water bladder is located in the western portion of the site, southwest of Service Building 91. This area also houses a diesel-fuel powered fire pump. Hydrogen and anhydrous ammonia storage areas are located south of Building 91. The hydrogen storage area includes an 18,000-gallon bulk storage container plus handling equipment. Four anhydrous ammonia storage tanks, each with a capacity of 26,400 pounds, are maintained at the site. The site includes many other storage tanks for raw materials and wastes. These tanks are housed in secondary containment berms or vaults. A 12,000-gallon underground storage tank (UST) that stores diesel fuel is located near the southwest corner of Service building 91. A diesel fuel release from piping associated with this tank occurred in 2000 and was granted Case Closed Status by the California Regional Water Quality Control Board, as described in more detail in the Phase I ESA report.

Philips manufactures light-emitting diodes (LEDs) and conducts LED-related research and development activities. The facility has the capacity to produce billions of LEDs annually, according to site contacts. Large quantities of anhydrous ammonia are used in

the process of growing Indium Gallium Nitride (InGaN) upon sapphire substrates. The InGaN is the basis for the green to blue frequencies of light as well as the phosphor converted white, soft white and amber colors. The ammonia is the nitrogen source for this process. The facility also produces blue and green frequency LEDs using an aluminum oxide process. Large quantities of hydrogen are used as a “push gas” or carrier gas during production of the LEDs.

Approximately 650 employees work at the site in 3 shifts.

2.2. Site History

The approximately 281,135 m² site was undeveloped prior to purchase (as part of a larger tract) by Hewlett-Packard in 1976. Construction of the first building (Building 90) was completed in 1978, and Building 91 was added in 1982. Hewlett-Packard manufactured LEDs, fiberoptics components, and microwave frequency communications equipment.

Agilent Technologies, a company created by Hewlett-Packard’s divestiture of non-core businesses, acquired the site in 1999. Philips Lighting and Agilent then created Lumileds Lighting, which operated until 2005, when Philips acquired Agilent’s interest in the business and the name changed to Philips Lumileds Lighting Company. In 2005, Agilent sold their semiconductor manufacturing operations at the site to Avago Technologies. Avago Technologies operates in leased space at the site and reportedly will vacate the leased space in 2015.

2.3. Surrounding Land use

Surrounding land use is described below, and depicted on Figure 1 and Figure 2.

Direction	Land Use
North	West Trimble Road, with an aboveground water-storage tank and commercial office buildings on the opposite side of the road.
South	The Guadalupe River Trail (a pedestrian and bicycle path) and the Guadalupe River border the site on the south. Commercial office buildings, distribution warehouses, and a fuelling facility associated with the San Jose International Airport are located on the south side of the river.
East	Orchard Parkway, with undeveloped land and commercial office buildings on the opposite side of the parkway. The undeveloped southern portion of the site is bordered on the east by a petroleum pipeline and undeveloped land.
West	The Guadalupe River Trail and Guadalupe River border the site on the west. Commercial office buildings and distribution warehouses are located on the opposite side of the river.

2.4. Environmental setting

The U.S. Geological Survey 7.5-minute topographic map of the Milpitas, California quadrangle indicates that the site elevation is approximately 25 to 30 feet above mean sea level (USGS, 1980). Topography in the immediate vicinity of the subject site is generally flat with a gentle slope to the northwest.

The site is located in the California Coast Ranges section of the Pacific Border physiographic province (USGS, 2014). Surface soils are mapped onsite as the Urbanland-Campbell complex, Campbell silt loam, and Urbanland-Elder complex (USDA, 2014). Cenozoic age continental sedimentary rocks and alluvial deposits underlie surface soils at the subject site (CDC, 2006). Bedrock in the study area is generally heavily faulted (Planert and Williams, 1995).

The California Coastal Basins aquifer system is mapped in the study area and likely serves as a regional source for groundwater (Planert and Williams, 1995). Groundwater is generally stored in the Coastal Basins aquifer in coarse grained sand and gravel deposits. Based on topography, uppermost groundwater is likely encountered within 20 feet of the ground surface in alluvial deposits (USGS, 1980; Gregg Drilling, 2014). Uppermost groundwater flow likely follows regional topography, generally northwest. Areas within approximately 2,000 feet generally southeast of the subject site appear to be hydraulically upgradient.

As described in the Phase I ESA report, nine water wells are reported within 1.0 mile of the subject property (EDR, 2014). Of these, six are reportedly observation wells, one is a water supply well reportedly used by a business, and two are City of Santa Clara / USGS California Water Science Center observation wells. The business-related water supply well is located more than 0.75 mile (1.2 km) from the site

The Guadalupe River is located to the west and south of the subject site, flows generally in a northwesterly direction, and discharges to the San Francisco Bay, which is located approximately 6 km northwest of the site.

The average annual precipitation for the study area is approximately 16 to 20 inches and the average annual runoff, in undeveloped areas, is approximately 1 to 5 inches (Planert and Williams, 1995).

Based on the depth to groundwater (within 20 feet of the ground surface) and the absence of any impermeable geological layer likely to provide protection from a contamination source located on the ground surface, groundwater vulnerability is considered to be high. Based on the distance from the site to wells used for potable supply, site sensitivity relative to groundwater is considered to be moderate.

The facility is located beside the Guadalupe River, and stormwater from the site discharges to the river via a municipal storm sewer system. Surface water vulnerability to a potential contamination source located at the Site is considered to be high

2.5. Previous Environmental Reports

URS was provided with one prior Phase I ESA report while preparing a Phase I ESA for the facility. Prior soil and groundwater investigations were conducted in the area of the 2000 diesel UST system release (as summarized in the Phase I ESA report), but no previous site-wide soil and groundwater investigation was identified.

3. FIELD EXPLORATION METHODOLOGY

3.1. Investigation Strategy and Field Exploration Program

The Phase II ESI focused on the potential areas of concern identified in Section 1.2 of this document. A sampling and analysis strategy to investigate these potential areas of concern was presented in URS proposal P857684. This strategy is summarized below.

- Diesel Underground Storage Tank (UST) Area: Three soil borings (identified as PLSB-1, PLSB-2, and PLSB-3) were advanced in this area. Two soil samples from each boring were selected for laboratory analysis. After soil sample collection was completed, the borings were converted to temporary groundwater monitoring wells and one groundwater sample was collected from each temporary well. Soil and groundwater samples were analyzed for benzene, toluene, ethylbenzene, and xylene (BTEX compounds) and methyl t-butyl ether, as well as diesel range total petroleum hydrocarbons (TPH-DRO).
- Solvent unloading area: Two soil borings (identified as PLSB-11 and PLSB-12) were advanced in this area, and soil samples (2 per soil boring) and groundwater samples were collected as described above. Soil samples were analyzed for volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs), and a select list of metals. Groundwater samples were analyzed for VOCs, SVOCs, dissolved metals, and cyanide.
- Wastewater treatment: Three soil borings (identified as PLSB-9, PLSB-10, and PLSB-12) were advanced in this area (note that boring PLSB-12 was co-located in the solvent unloading and wastewater treatment discharge line area). Soil samples (2 per soil boring) and groundwater samples were analyzed for VOCs, SVOCs, metals, and cyanide.
- Other Process Areas: Soil samples (2 per soil boring) and groundwater samples were collected from five soil borings identified as PLSB-4, PLSB-5, PLSB-6, PLSB-7, and PLSB-8 were collected from the perimeter of the process areas of the site and analysed for constituents of concern.
- Surficial soil samples: Fifteen soil samples were collected from the surface to three inches below surface at the site. These samples were analyzed for arsenic.
- Perimeter groundwater samples: Groundwater samples were collected from eight locations around the perimeter of the site (identified as PLPB-1 through PLPB-8). All of the perimeter groundwater samples were analyzed for VOCs, SVOCs, and dissolved metals. Three of the eight perimeter groundwater samples were also analyzed for diesel range TPH and cyanide.

Soil boring locations and surficial soil sampling locations are identified in Figures 3, 4, and 5.

3.2. Fieldwork Activities

3.2.1. Introduction

URS retained Vapor Tech Services, Hayward, California to advance soil boring logs and install temporary monitoring wells. Soil and groundwater sampling was conducted between 6 October and 10 October 2014. URS representatives Erik Skov and Ryan Brinigar identified sampling locations, coordinated sampling activities and identification of subsurface utilities with facility personnel, described soil lithology, conducted field screening for the presence of ionisable organic vapors with a photoionization detector (PID), and collected soil and groundwater samples.

All field activities were performed in accordance with industry-standard practices and as described in the proposal for this investigation. Mr. Erik Skov, a California-registered Professional Geologist, managed the field investigation effort as required by California regulations.

3.2.2. Health, Safety, Quality, and Decontamination

Health & Safety

A Site-specific HASP was prepared for this project. The HASP included job safety analyses for each task. Safety "tailgate" meetings were conducted daily while completing the sampling activities, and a copy of the HASP was maintained at the site during all investigation activities.

URS surveyed the site for overhead and underground utilities prior to conducting the work. Each boring location was marked and Underground Service Alert (USA) of Northern California was contacted more than 48 hours prior to initiating subsurface activities as required by California law. A private utility survey was also conducted by Cruz Brothers Locators of Scotts Valley, California to identify subsurface utilities in the vicinity of the proposed boring locations and across portions of the Site to identify incoming utilities. In particular, power supply lines, sanitary sewer lines, storm sewer lines, water supply lines, natural gas lines, nitrogen gas lines, and communication cable lines were identified and marked. Prior to advancing the soil borings by mechanical methods, hand auger clearance borings were advanced to approximately 5 ft bgs to further assess the absence of underground utilities

Quality Assurance and Quality Control

The QA/QC protocols listed below were followed during this assessment.

- All soil and groundwater sample containers were supplied by TestAmerica Laboratories, Pleasanton, California. All analyses were performed by TestAmerica. TestAmerica is a State of California-certified laboratory, certification ID 2496.
- To prevent cross-contamination, all soil and groundwater sampling equipment was cleaned between samples by purified water followed by phosphate-free detergent, and rinsed by purified water.

- New latex or nitrile gloves were used during sampling and were changed between collection of successive samples to avoid the potential for cross-contamination.
- Drilling equipment was cleaned prior to commencement and between holes to eliminate the potential for cross-contamination.
- Trip blank samples were included with every cooler that contained samples to be analyzed for VOCs.
- Field monitoring equipment (a photoionization detector) was calibrated at the start of each day at the site.
- All samples were labeled and documented on a chain-of-custody (COC) form with sample name, type, sampling date and time and analytical instructions.
- Samples were properly packed in shipping coolers with ice.

All sample analyses were performed by TestAmerica, Pleasanton, California. TestAmerica conducted all analyses following United States Environmental Protection Agency test methods, and implemented laboratory QA/QC procedures as required by the test methods. The QC results are included in the analytical reports.

Decontamination

After each soil boring was completed, the direct-push sampling equipment was decontaminated using a steam cleaner. Decontamination water was used to mix the cement used to abandon the soil borings. Investigation Derived Waste consisting of soil cuttings was collected and stored in Department of Transportation (DOT) approved 55-gallon drums pending disposal profiling analysis.

3.2.3. Soil Boring Procedures

A total of 10 soil borings (PLSB-1 through PLSB-10) were advanced using a Geoprobe direct-push sampler. Two additional soil borings located in an area of the site with a significant number of subsurface utilities (PLSB-11 and PLSB-12) were advanced using a hand auger. Eight groundwater samples (PLPB-1 through PLPB-8) were collected using a Geoprobe well-point sampler, without collecting soil samples. Fifteen additional surface soil samples were collected manually. The sample collection methods are described in this section and in the sections that follow.

Soil Borings PLSB-1 through PLSB-12

Soil borings PLSB-1 through PLSB-10 were advanced using a Geoprobe direct-push sampler operated by Vapor Tech Services. Hand augering was initially conducted to a depth of approximately five feet below grade at borings PLSB-1 through PLSB-10 to ensure that subgrade utilities were not present. Because of the extensive presence of underground utilities, soil borings PLSB-11 and PLSB-12 were advanced from surface to the terminal depth with a hand auger.

Materials recovered from the soil borings were screened for the presence of ionisable organic vapors with a PID and were described using the terminology of the Unified Soil Classification System. The site geologist recorded lithology characteristics, PID response to screened soils and ambient air, and any visible or olfactory evidence of impacts to the recovered soil on boring logs. Boring logs are provided in Appendix A of this document.

During drilling of the boreholes, the soil was sampled in vertical intervals of 0.5 meter or when changes to recovered materials were noted, in accordance with Philips requirements.

Groundwater Samples PLPB-1 through PLPB-12

Eight groundwater samples (PLPB-1 through PLPB-8) were collected around the perimeter of the facility using the Geoprobe direct-push sampler equipped with a Geoprobe well-point sampler. The well-point sampler allows for collection of groundwater samples by advancing the sampler to groundwater, then removing a disposable plug to allow groundwater to enter the sampler. Soil was not recovered, described, or sampled from these locations.

Surface Soil Samples

Surface soil samples were collected at 15 locations at the site, including three identified as background (samples SSBG-1 through SSBG-3). These background locations were located on the south side of the site, in a location predominantly upwind or crosswind of the baghouses. The remaining surface soil samples (SS-1 through SS-12) were collected in an area of the site utilized by Philips and downwind of the baghouses.

3.2.4. Soil Sample Collection

The scope of work for this investigation specified that samples would be identified for analysis based on field screening response, presence of staining or odors, or in the absence of this evidence of impacts, at the discretion of the field geologist. Evidence of petroleum impacts was identified in soil borings PLSB-2 and PLSB-3, but no evidence of impacts was noted in soil borings PLSB-1 or PLSB 4 through PLSB-12.

Surface soil samples were collected from the ground surface to three inches below surface using a decontaminated hand auger, shovel, or trowel.

A total of 24 soil samples from soil borings (2 each from borings PLSB-1 through PLSB-12) and 15 soil samples from surface soil sampling locations were submitted for analysis. The soil samples were placed directly into laboratory-supplied and properly labeled sample containers. Samples for VOC analysis were collected with single-use Terra Core samplers and were transferred directly to glassware containing deionized water or methanol preservative. Samples for other analyses were collected in 8-ounce wide-mouth glass jars with a Teflon-lined lid, provided by the laboratory. All samples were then placed into a cooler containing ice and recorded on chain of custody forms. Samples were kept in a cooler containing ice until delivery to the laboratory for analysis.

3.2.5. Groundwater Sample Collection

Soil borings PLSB-1 through PLSB-12 were advanced to depths of 25 feet below ground surface (PLSB-1 through 10) or 17 feet (PLSB-11 and PLSB-12). Saturated materials were encountered in all soil borings at depths ranging from 13 to 23 feet below ground surface. Groundwater samples were collected from temporary monitoring wells by lowering a ¾-inch diameter polyvinyl chloride (PVC) casing with a five foot section of 0.010-inch machine slotted screen inside the outer tube of the dual-tube Geoprobe tooling. The outer tube of the tooling was then removed from the soil boring to expose the well screen to the formation. Disposable polyethylene tubing was lowered into the temporary well to the screened internal, and a peristaltic pump was used to purge a small volume of water from the temporary well prior to collecting a sample. A similar methodology was utilized for soil borings PLSB-11 and PLSB-12, which were advanced by hand auger.

Groundwater samples were collected from locations PLPB-1 through PLPB-8 using a Geoprobe well-point sampler as described previously. The sampler was advanced to the depth at which groundwater was encountered elsewhere on the site and a disposal plug was removed, allowing water to enter the sampler. Disposable tubing was then lowered through the hollow Geoprobe drive rods and into the sampler and a peristaltic pump was used to collect the samples as described previously.

All samples were collected directly into laboratory-supplied sample containers. Groundwater samples collected for metals analysis were not preserved with acid in the field, but were delivered to the laboratory for filtration followed by preservation and analysis. All other samples were collected in laboratory-supplied, properly preserved sample containers, placed in a cooler containing ice, and recorded on chain of custody forms.

3.3. Laboratory Analysis

Soil and groundwater analyses were conducted in accordance with United States Environmental Protection Agency (U.S. EPA) SW-846 Methods published in *Test Methods for Evaluating Solid Waste, Physical/Chemical Methods*, with the exception of total cyanide analysis. Cyanide analysis was conducted using Standard Method 4500 CN E from *Standard Methods for the Analysis of Water and Wastewater*. Standard Methods is a joint publication of the American Public Health Association, the American Water Works Association, and the Water Environment Federation.

A total of 39 soil samples and 20 groundwater samples from the site were submitted for analysis. Table 1 identifies the samples, the parameters for which analysis was conducted, and the analytical test methods.

4. FIELD OBSERVATIONS AND MEASUREMENTS

4.1. Field Observations

Soil boring logs are included as Attachment A. The logs present URS' interpretation of subsurface conditions based on visual examination of the recovered samples. The lines designating an interface between various soil types on the logs are an approximation; the actual transition between materials may be gradual.

With the exception of soil borings PLSB-3 and PLSB-9 which encountered pea gravel backfill, a gray, brown gray, or brown silty clay or clayey silt was encountered in all soils borings at the site. This material was encountered to a depth of approximately 10 to 20 feet below ground surface in the soil borings and was underlain by yellow-brown to yellow-gray sand or sand with silt, clay or gravel. Silty clay, clayey sand, or gravel and sand were generally present beneath the sand, although clay was encountered in one boring.

Saturated materials were encountered in all soil borings at depths ranging from 13 to 23 feet below ground surface.

4.2. In-situ Test Records/Field Measurement

During drilling of soil borings PLSB-1 through PLSB-12, grab soil samples were collected for field visual inspection and soil vapor field measurement utilizing a pre-calibrated portable PID. The PID was equipped with a lamp with an ionization potential of 10.6 eV. Detailed PID readings and sampling depth intervals are presented in the boring logs (Appendix A). As described previously, soil samples were not collected, field screened, or described during collection of groundwater samples from perimeter borings PLPB-1 through PLPB-8.

5. REFERENCE CRITERIA

Sample analytical results were compared to Environmental Screening Levels (ESLs) established by the San Francisco Bay Regional Water Quality Control Board, available at http://www.waterboards.ca.gov/sanfranciscobay/water_issues/programs/ESL/Lookup_Tables_Dec_2013_Detail.pdf. ESLs are conservative screening levels for chemicals commonly found at contaminated sites, and are intended to assist in evaluation of potential environmental concerns at contaminated sites, and were developed based on land use (residential or commercial) and for various environmental settings. For this evaluation, the most conservative ESLs for soil and groundwater from the following tables were selected.

- ESL Table A, applicable to shallow soils (less than 3 meters deep) in areas where groundwater is a current or potential source of drinking water.
- ESL Table B, applicable to shallow soils in areas where groundwater is not a current or potential source of drinking water.
- ESL Table C, applicable to deep soil (greater than 3 meters deep) in areas where groundwater is a current or potential source of drinking water.
- ESL Table D, applicable to deep soils in areas where groundwater is not a current or potential source of drinking water.

The selected ESLs are provided with summaries of sample analytical results in Tables 2, 3, and 4.

In addition to the ESLs, groundwater analytical results were compared to U.S. EPA Maximum Contaminant Levels (MCLs). MCLs are drinking water standards that are applicable to public drinking water supplies.

Analytical results for arsenic were also compared to anticipated background concentrations identified in the following resources:

- *Natural Levels of Nickel, Selenium, and Arsenic in the Southern San Francisco Bay Area* (Anderson, 1998)
- *Establishing Background Arsenic in Soil of the Urbanized San Francisco Bay Region* (Duverge, 2011)

6. EVALUATION OF ANALYTICAL RESULTS

6.1. Introduction

The analytical results for soil and groundwater samples, evaluated against ESL are presented in Tables 2, 3, and 4. Table 2 presents analytical results for soil samples from soil borings PLSB-1 through PLSB-12. Groundwater analytical results are summarized in Table 3, and Table 4 presents analytical results for surface soil samples analysed for arsenic. These tables present detected analytes only.

Copies of the laboratory analytical reports and sample chain of custody documents are provided in Appendix B.

The evaluation of the analytical results is presented in section 6.2. For this evaluation, analytical results were compared to local standards.

6.2. Analytical Results

Diesel UST Area

As shown in Tables 2 and 3, BTEX compounds and MTBE were not detected in soil or groundwater samples from the diesel UST area. Five of the six soil samples from the area contained TPH-DRO, at concentrations ranging from 1.2 to 1,100 milligrams per kilogram (mg/kg, or parts per million, ppm). The most restrictive California ESL for TPH-DRO is 83 mg/kg, and two of the soil samples, one from PLSB-2 and one from PLSB-3, exceeded this ESL. The groundwater sample from PLSB-3 contained 880 micrograms per liter (ug/L, or parts per billion, ppb) TPH-DRO, above the 100 ug/L ESL. An MCL for TPH-DRO has not been established.

The San Francisco Bay Regional Water Quality Control Board granted Case Closed status to a diesel fuel release from this tank system in 2003. At the time of closure, soils in the area contained TPH-DRO at concentrations up to 13,000 mg/kg. TPH-DRO was present in groundwater at a concentration of 980 ug/L, and MTBE was identified at a concentration of 100 ug/L in groundwater. The concentrations of TPH-DRO detected during this 2014 investigation are consistent with or lower than those present at the time that case closed status was granted. MTBE was not detected during the 2014 investigation.

Process Areas, Wastewater Treatment Area, and Solvent Unloading Area

As shown in Tables 2 and 3, VOCs, SVOCs, and cyanide were not identified in any soil or groundwater samples from soil borings PLSB-4 through PLSB-12.

With the exception of selenium and silver, all metals were detected in one or more samples from these areas. Antimony was detected in one soil sample at a concentration of 0.52 mg/kg. Beryllium was detected in 15 of 18 samples at concentrations from 0.075 mg/kg to 0.66 mg/kg. Cadmium was identified 8 samples at concentrations from 0.13 mg/kg to 0.72 mg/kg. Chromium, copper, lead, nickel, and zinc were identified in all samples from these areas. Chromium concentrations ranged from 26 mg/kg to 87 mg/kg,

while copper concentrations ranged from 16 mg/kg to 44 mg/kg. Lead detections ranged from 2.8 mg/kg to 14 mg/kg, while nickel was identified at concentrations from 32 mg/kg to 120 mg/kg. Zinc was identified at concentration ranging from 28 mg/kg to 85 mg/kg. Mercury was detected in 17 of the 18 soil samples from these areas, at concentrations from 0.035 mg/kg to 3 mg/kg. These metals were identified at concentrations below ESLs.

Arsenic was identified in 15 of 18 subsurface soil samples at concentrations ranging from 1.8 mg/kg to 22 mg/kg. The average arsenic concentration in these samples was 5.58 mg/kg. All of the arsenic results exceeded the most restrictive California ESL presented in Table 2. Because of its toxicity, risk-based screening levels for arsenic are commonly below background concentrations of this metal. *Natural Levels of Nickel, Selenium, and Arsenic in the Southern San Francisco Bay Region* (Anderson, 1998) and *Establishing Background Arsenic in Soil of the Urbanized San Francisco Bay Region* (Duverge, 2011) summarize results of previous background studies conducted in the area. A 1981 study (Shaklette and Boerngen, 1981) identified concentrations of 6.0 mg/kg to 9.2 mg/kg in three samples from the southern San Francisco Bay area. More than 1,000 samples from the Lawrence Berkeley National Laboratory facility (located approximately 40 miles north of the site) identified an average arsenic concentration of 5.5 mg/kg and a maximum concentration of 42 mg/kg. A 1995 study of samples collected near the Guadalupe River contained arsenic concentrations of 1 to 55 mg/kg, with the majority of results less than 10 mg/kg. The average concentration of arsenic in samples from these areas (5.58 mg/kg) appears to be consistent with the concentrations identified in these prior studies.

As shown in Table 3, the dissolved metals arsenic and zinc were identified in 1 and 7 samples, respectively, from these areas. The arsenic concentration of 24 ug/L in one groundwater sample exceeded the 10 ug/L ESL for water used as drinking water. The ESL for groundwater not used as drinking water is 36 ug/L, above the detected concentration of this analyte. The MCL for arsenic in a public drinking water supply is 10 ug/L. All zinc results were below the ESL and MCL.

Perimeter Groundwater Samples

Analytical results for groundwater samples collected around the perimeter of the property (PLPB-1 through PLPB-8) are presented in Table 3. No VOCs or SVOCs were detected in these samples. TPH-DRO and cyanide were not detected in the three samples analysed for these parameters.

The dissolved metals arsenic, selenium, mercury, and zinc were detected in one or more of the perimeter groundwater samples. Arsenic was detected in one sample at a concentration of 12 ug/L, above the 10 ug/L MCL and ESL for groundwater used as a drinking water source, but below the 36 ug/L ESI for groundwater not used as a drinking water source.

Selenium was detected at a concentration of 21 ug/L in one sample, above the 5 ug/L ESL. The U.S. EPA MCL applicable to public drinking water supplies is 50 ug/L. The detected concentration of selenium was less than the MCL.

Mercury was identified at a concentration of 0.24 ug/L in one sample, above the ESL of 0.025 ug/L. This result is less than the 2 ug/L MCL for mercury.

Zinc was identified in six of the eight perimeter groundwater samples, at concentrations from 20 ug/L to 81 ug/L. The ESL for zinc is 81 ug/L, while the MCL is 5,000 ug/L. These results are equal to or below the ESL and well below the MCL.

Surface Soil Samples

Arsenic results for surface soil samples are presented in Table 4. Results for background samples ranged from 6.7 mg/kg to 9.3 mg/kg and averaged 8 mg/kg. Results for the remaining samples ranged from 7.4 mg/kg to 36 mg/kg and averaged 14.7 mg/kg. Results for the background samples appear to be consistent with reported background concentrations described above. Arsenic concentrations in the remaining samples appear to be elevated above background; however, the site was farmed prior to development with the current facility. Historic aerial photographs appear to identify an orchard on the majority of the site, and the apparently elevated concentrations may be the result of the use of agricultural chemicals in the past.

6.3. Quality Assurance and Quality Control Analysis

URS is not aware of any environmental regulatory agency requirement for investigation at the site. The Phase II ESI described in this document was intended as a baseline investigation, and was not conducted to meet the requirements of any regulatory agencies.

Trip blank samples, consisting of laboratory-grade water, were included in every cooler of samples to be analysed for VOCs. The trip blank samples were transported to the site, remained in a cooler with ice during collection of samples, transported to the lab with the samples, and analysed for VOCs. No VOCs were detected in any trip blank samples.

All laboratory analyses were conducted by U.S. EPA methods with the exception of cyanide analysis which was conducted by a Standard Method (see Section 3.3) and the laboratory performed QC analyses as required by the methods, including analysis of method blanks, addition and analysis of surrogate compounds in samples analyzed for VOCs, SVOCs, BTEX, MTBE, and TPH-DRO, laboratory control samples and laboratory control sample duplicates, and matrix spike and matrix spike duplicates. URS performed a summary review of the QC results. While some of the results were outside of acceptance limits (as described in the Case narrative section of laboratory reports in Appendix B), all laboratory analytical data is deemed as suitable for use. All analyses were completed within holding times specified in the method, and all requested analytical data was received.

7. DISCUSSION OF INVESTIGATION RESULTS

Analytical results for each area of the site investigated during this Phase II ESI are discussed below.

7.1. Diesel UST Area

As described in Section 6 of this document, TPH-DRO was identified at concentrations above ESLs in two soil samples and one groundwater sample from the diesel UST area. TPH-DRO concentrations in soil were identified at a maximum concentration of 1,100 mg/kg, well below the 13,000 mg/kg maximum concentration detected at the time that the San Francisco Bay Regional Water Quality Control Board issued Case Closed status to a release from the UST system. TPH-DRO was identified at a concentration of 880 ug/L in a groundwater sample collected during this investigation, slightly less than the 980 ug/L present in groundwater at the time that Case Closed status was granted. MTBE was identified in groundwater in 2003, but was not detected during this 2014 investigation.

The ESL for TPH-DRO in soil vapor is 570,000 micrograms per cubic meter. Soil vapor samples were not collected during this investigation, but the Johnson & Ettinger model for subsurface vapor intrusion into indoor air (available at http://www.epa.gov/oswer/riskassessment/airmodel/johnson_ettinger.htm) can be used to estimate soil vapor concentrations from measured soil or groundwater concentrations. The use of default model inputs, the maximum measured soil and groundwater concentrations from this investigation, and chemical properties for naphthalene, assuming a soil temperature of 15 degrees Celsius, results in an estimated soil vapor concentration of 305,440 micrograms per cubic meter (ug/m^3). Of this, approximately 297,000 ug/m^3 was attributable to TPH-DRO in soil while the remaining was associated with volatilization of TPH-DRO from groundwater. Naphthalene was used as a conservative surrogate for TPH-DRO in this review, as the Johnson & Ettinger model does not contain chemical properties for TPH-DRO, which is a mixture and can vary widely in specific constituents.

Based on these results, additional investigation of the diesel UST area does not appear to be warranted.

7.2. Process Areas, Wastewater Treatment Area, and Solvent Unloading Area

As described in Section 6.2, cyanide, VOCs, and SVOCs were not identified in samples from these areas of the site. Arsenic was identified in 15 of 18 subsurface soil samples at an average and maximum concentration of 5.58 mg/kg and 22 mg/kg, respectively. These concentrations appear to be consistent with background concentrations identified in prior regional studies. Discussion of surficial arsenic concentrations is provided in Section 7.4.

One groundwater sample contained an arsenic concentration of 24 ug/L, above the 10 ug/L MSL and ESL for groundwater used as drinking water but below the 36 ug/L ESL for

groundwater not used as a drinking water source. Arsenic was not identified in the remaining seven groundwater samples from process areas of the site.

Based on these data, no additional investigation of arsenic in groundwater appears to be warranted.

7.3. Perimeter Groundwater Samples

Eight groundwater samples were collected from the perimeter of the property. Selenium, mercury, and arsenic were each identified in one sample at concentrations above the ESL. The selenium and mercury results were below the MCL, and no additional investigation of selenium and mercury appears to be warranted. The arsenic result of 12 ug/L is slightly above the 10 ug/L MCL and ESL for groundwater used as a drinking water source but below the 36 ug/L ESL for groundwater not used as a drinking water source. Arsenic was not detected in the remaining seven perimeter groundwater samples.

Based on these results, no additional investigation of groundwater in the perimeter of the property appears to be warranted.

7.4. Surface Soils

Three surface soil samples in areas of the site identified as predominantly upwind or crosswind of the baghouses contained arsenic concentrations of 9.3 mg/kg, 6.7 mg/kg, and 8.0 mg/kg and an average concentration of 8.0 mg/kg. Samples collected downwind of the baghouses contained arsenic concentrations ranging from 7.4 mg/kg to 36 mg/kg, with an average concentration of 14.7 mg/kg. It is unclear if this is the result of emissions from the baghouse, the past use of agricultural chemicals, or natural variability of metals concentrations in soil.

8. CONCLUSIONS AND RECOMMENDATIONS

Diesel range total petroleum hydrocarbons were identified at concentrations in excess of ESL in the diesel UST area during this investigation. The detected concentrations were consistent with or less than concentrations of this analyte present at the time that the San Francisco Bay Regional Water Quality Control Board granted Case Closed status in 2003. No evidence of an ongoing release or a post-2003 release was identified. The following conclusions and recommendations are presented for the diesel UST area:

- Case Closed status was granted for this incident in the past, and analytical results generated during this investigation are consistent with or less than those at the time Case Closed status was granted. Reporting of the presence of the TPH-DRO at concentrations above the ESL to the Regional Water Quality Control Board does not appear to be required.
- An ecological and human health concern does not appear to be present.
- Based on preliminary vapor intrusion screening described in Section 7, a potential vapor intrusion concern does not appear to be present
- No additional investigation or remediation of the TPH-DRO is recommended. .

As described in Section 7.2, only metals were identified in soil and groundwater samples from process areas, the wastewater treatment area, and solvent unloading area of the site. Metals results in soil samples were less than the screening levels against which they were compared or appear to be consistent with anticipated background concentrations. One groundwater sample contained an arsenic concentration above the MCL and ESL for groundwater used as a drinking water source, but less than the ESL for groundwater not used as a drinking water source. The following conclusions and recommendations are presented for the process areas, wastewater treatment area, and solvent unloading area:

- Groundwater from the site is not used for potable purposes. Arsenic was identified at a concentration above the MCL and drinking water ESL in one of twelve groundwater samples from the process areas, but below the ESL for groundwater not used as a drinking water source.
- Reporting of the arsenic identified in one groundwater sample to local authorities does not appear to be required.
- No additional investigation of soil or groundwater in the process areas, wastewater treatment area, and solvent unloading area is recommended.

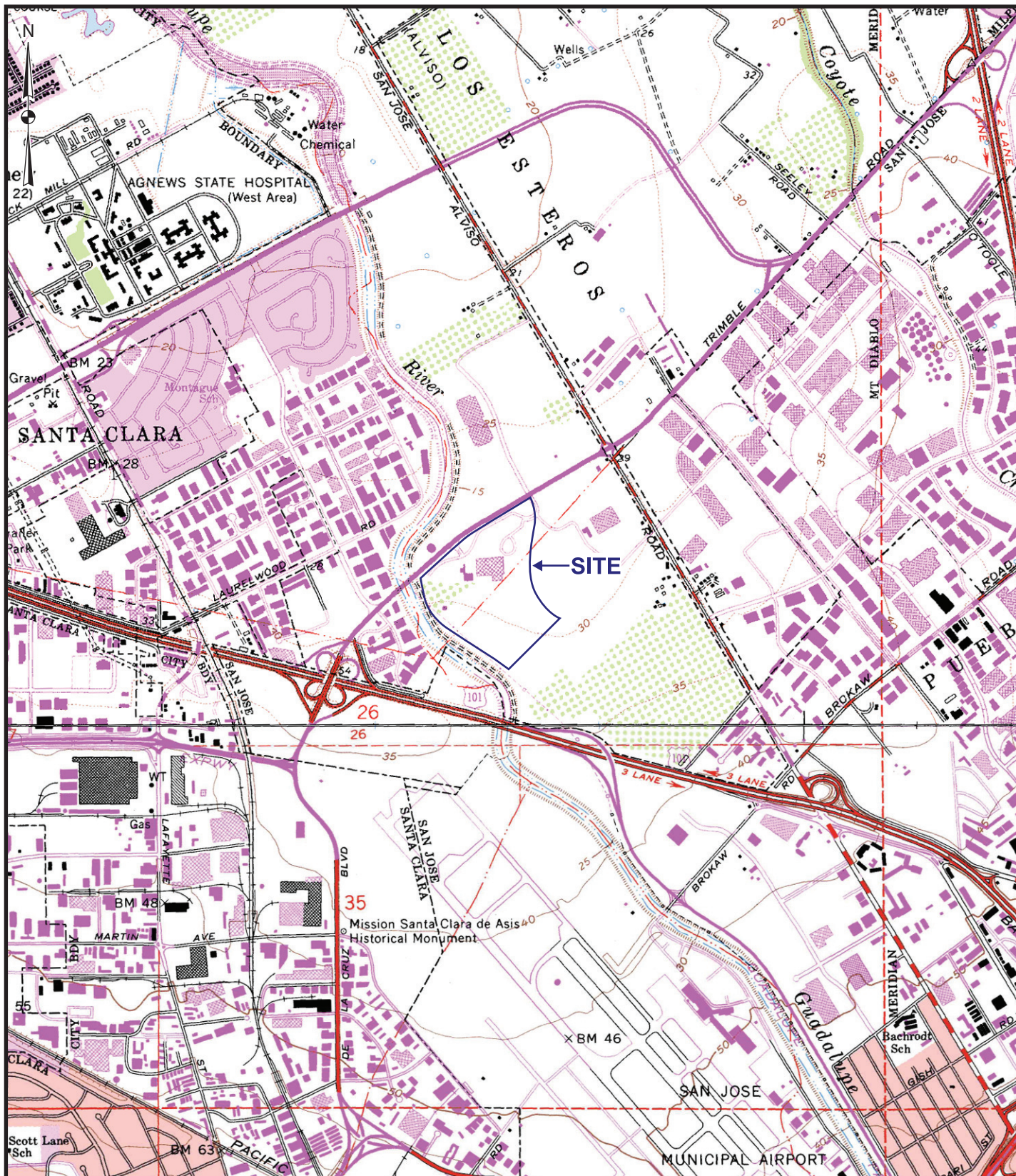
Groundwater samples collected from the perimeter of the facility were analysed for VOCs, SVOCs, and metals, and a three samples were also analysed for cyanide and TPH-DRO. VOCs, SVOCs, TPH-DRO, and cyanide were not detected in any samples. Selenium and mercury were identified in one sample each, at concentrations below their MCLs. One sample contained arsenic at a concentration slightly above the MCL and drinking water ESL. The following conclusions and recommendations apply to these findings:

- Arsenic was identified in one of eight perimeter groundwater samples at a concentration slightly above the drinking water ESL and MCL, but below the ESL for groundwater not used as a drinking water source. Groundwater at the site is not used as a drinking water source. No additional investigation or arsenic in groundwater is recommended.
- No ecological or human health concern associated with these perimeter groundwater sample results was identified.
- No reporting of these results appears to be required.

As described in Section 7.4, surficial soil samples collected downwind of the baghouse contain concentrations of arsenic in excess of apparent background samples. It is unclear if this is the result of emissions from the baghouse, the past use of agricultural chemicals, or natural variability of metals concentrations in soil. Soils at the site are vegetated or covered with buildings or pavement, and an ecological or human health hazard at the facility does not appear to be present. Reporting of analytical results to local authorities does not appear to be required. A soil management plan to prevent exposure of workers involved in future construction or excavation to potentially elevated arsenic concentrations in soil is recommended.

Figure 1 - Site Vicinity Map

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0 2,000 4,000

APPROXIMATE SCALE IN FEET

BASE MAP SOURCE: USGS 7½ minute topographic quadrangle maps: Milpitas, California 1961, photorevised 1980; San Jose, California 1961, photorevised 1980.



PHILIPS LUMILEDS

FIGURE 1
SITE VICINITY MAP
350 AND 370 WEST TRIMBLE ROAD
SAN JOSE, CALIFORNIA

JOB NO. 14966617



Figure 2 - Site Layout Map

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LEGEND:
 - - - - - Property Boundary



APPROXIMATE SCALE IN FEET

AERIAL SOURCE:
 Bing Maps

PHILIPS LUMILEDS

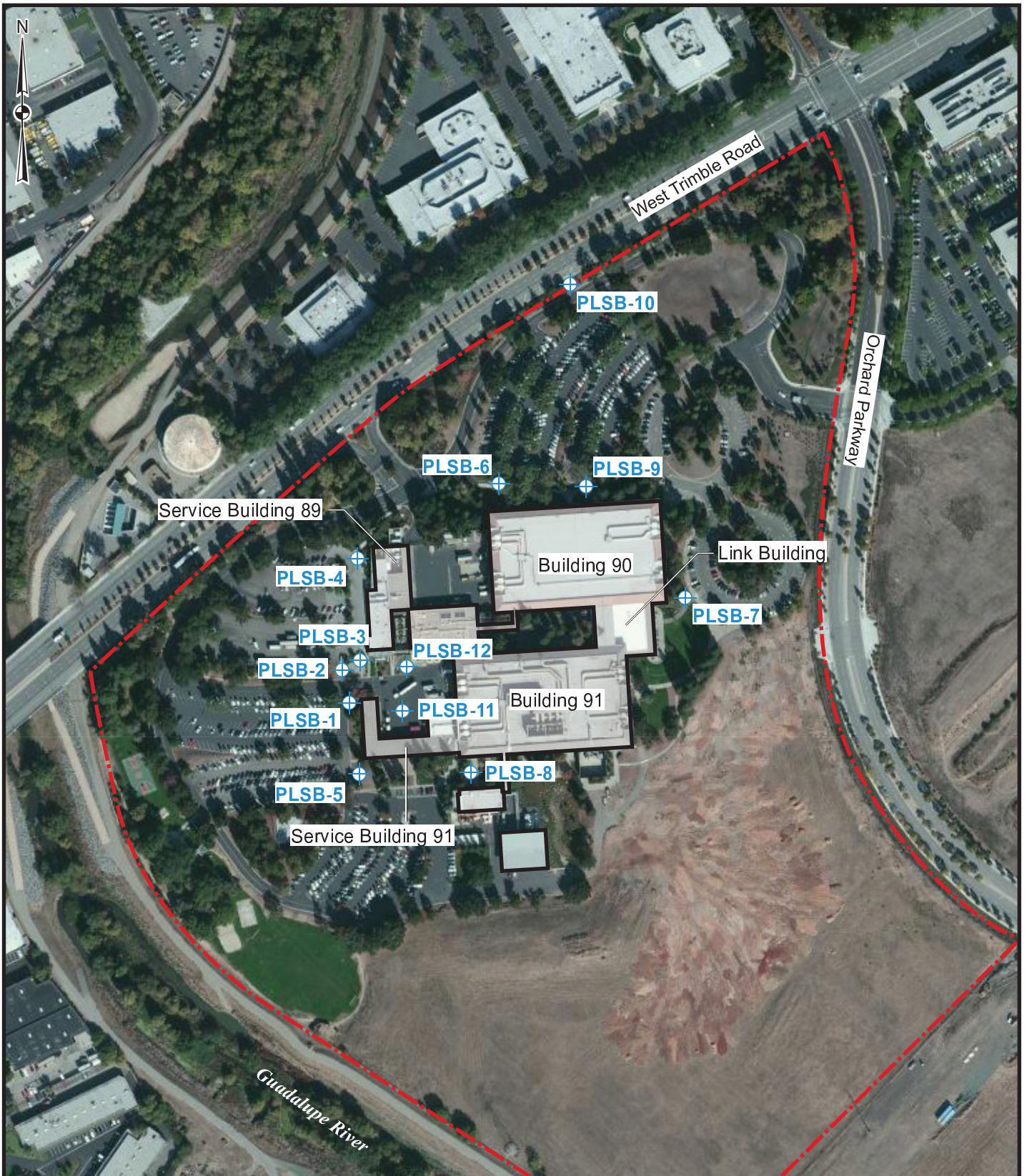
FIGURE 2
 SITE LAYOUT MAP
 350 AND 370 WEST TRIMBLE ROAD
 SAN JOSE, CALIFORNIA

JOB NO. 14966617



Figure 3 - Soil and Groundwater Sampling Locations in Process Areas

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LEGEND:

- - - Property Boundary
- ⊕ Phase II Sampling Location

0 300 600

APPROXIMATE SCALE IN FEET

AERIAL SOURCE:
Bing Maps

PHILIPS LUMILEDS

FIGURE 3
SOIL AND GROUNDWATER
SAMPLING LOCATIONS IN PROCESS AREAS
350 AND 370 WEST TRIMBLE ROAD
SAN JOSE, CALIFORNIA

JOB NO. 14966617



Figure 4 - Surface Soil Sampling Locations

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LEGEND:

- - - Property Boundary
- + Phase II Sampling Location

0 300 600

APPROXIMATE SCALE IN FEET

AERIAL SOURCE:
Bing Maps

PHILIPS LUMILEDS

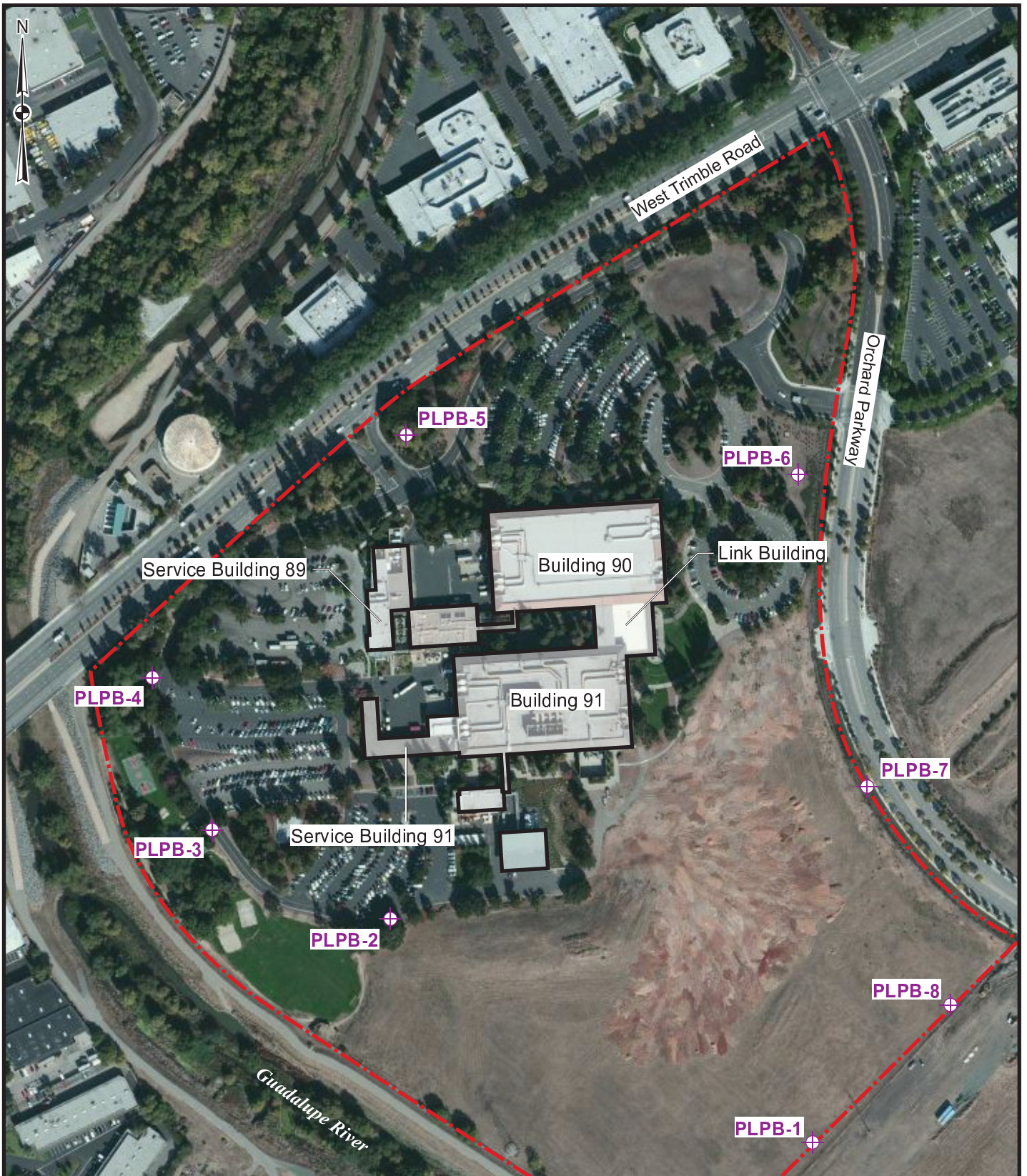
FIGURE 4
SURFACE SOIL SAMPLING LOCATIONS
350 AND 370 WEST TRIMBLE ROAD
SAN JOSE, CALIFORNIA

JOB NO. 14966617



Figure 5 - Perimeter Groundwater Sampling Locations

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LEGEND:

- - - Property Boundary
- ⊕ Phase II Sampling Location

0 300 600



APPROXIMATE SCALE IN FEET

AERIAL SOURCE:
Bing Maps

PHILIPS LUMILEDS

FIGURE 5
 PERIMETER GROUNDWATER
 SAMPLING LOCATIONS
 350 AND 370 WEST TRIMBLE ROAD
 SAN JOSE, CALIFORNIA

JOB NO. 14966617



Table 1 - Summary of Phase II Environmental Site Investigation Sampling and Analysis

Table 1. Summary of Phase II Environmental Site Investigation Sampling and Analysis
 Philips Lumileds, San Jose, California

Investigation Area	Sampling Location (see Figures 3, 4, 5)	Sample Identification			Soil Analysis	Groundwater Analysis
		Soil Samples		Groundwater Sample		
Diesel UST Area	PLSB-1	PLSB-1-10	PLSB-1-15	PLSB-1	BTEX, MTBE, TPH-DRO	BTEX, MTBE, TPH-DRO
	PLSB-2	PLSB-2-8	PLSB-2-12	PLSB-2		
	PLSB-3	PLSB-3-10	PLSB-3-24	PLSB-3		
Wastewater Treatment Discharge Area and other Process Areas	PLSB-4	PLSB-4-10.5	PLSB-4-17	PLSB-4	VOCs, SVOCs, metals, cyanide	VOCs, SVOCs, dissolved metals, cyanide
	PLSB-5	PLSB-5-10	PLSB-5-15	PLSB-5		
	PLSB-6	PLSB-6-10	PLSB-6-15	PLSB-6		
	PLSB-7	PLSB-7-8	PLSB-7-12	PLSB-7		
	PLSB-8	PLSB-8-10	PLSB-8-15	PLSB-8		
	PLSB-9	PLSB-9-10	PLSB-9-19	PLSB-9		
	PLSB-10	PLSB-10-10	PLSB-10-15	PLSB-10		
Solvent Unloading Area	PLSB-11	PLSB-11-5.5	PLSB-11-10	PLSB-11	VOCs, SVOCs, metals, cyanide	VOCs, SVOCs, dissolved metals, cyanide
	PLSB-12	PLSB-12-4.5	PLSB-12-10	PLSB-12		
Perimeter Groundwater Samples	PLPB-1	No soil samples collected		PLPB-1	Not Applicable	VOCs, SVOCs, dissolved metals (3 samples analyzed for TPH-DRO, 3 samples analyzed for cyanide)
	PLPB-2			PLPB-2		
	PLPB-3			PLPB-3		
	PLPB-4			PLPB-4		
	PLPB-5			PLPB-5		
	PLPB-6			PLPB-6		
	PLPB-7			PLPB-7		
	PLPB-8			PLPB-8		
Surface Soil Samples	SSBG-1 through SSBG-3 (background samples)	SSBG-1, SSBG-2, SSBG-3		No groundwater samples analyzed	Arsenic	Not Applicable
	SS-1 through SS-12 (downwind samples)	SS-1 through SS-12			Arsenic	

Notes:

1. Soil sample IDs indicate soil boring number and depth. Example: PLSB-7-8 was collected from boring PLSB-7 at depth of 8 feet.
2. BTEX, MTBE, and VOC analysis conducted by U.S. EPA SW-846 Method 8260B.
3. SVOC analysis conducted by U.S. EPA SW846 Method 8270C.
4. Metals analysis conducted for antimony, arsenic, beryllium, cadmium, chromium, copper, lead, nickel selenium, silver, and zinc by US. EPA SW-846 Method 6010B and mercury by Method 7470A/7471A.
5. Cyanide analysis conducted by Standard Method 4500 CN E.d
6. TPH-DRO analysis conducted by U.S. EPA SW-846 Method 8015B.

Table 2 - Analytical Results for Soil Samples Collected from Soil Borings

Table 2. Analytical Results for Soil Samples Collected from Soil Borings
Phase II Environmental Site Investigation - Philips Lumileds, San Jose, CA
Detected Analytes Only

Analyte	Units	California ESL - updated 2013	Sample ID and Depth (ft)												
			PLSB-1 10	PLSB-1 15	PLSB-2 8	PLSB-2 12	PLSB-3 10	PLSB-3 24	PLSB-4 10,5	PLSB-4 17	PLSB-5 10	PLSB-5 15	PLSB-6 10	PLSB-6 15	PLSB-7 8
Volatile Organic Compounds	ug/kg	Not applicable	Not Analyzed						ND	ND	ND	ND	ND	ND	ND
BTEX Compounds + MTBE	ug/kg	Not applicable	ND	ND	ND	ND	ND	ND	Not Analyzed						
Semivolatile Organic Compounds	mg/kg	Not applicable	Not Analyzed						ND	ND	ND	ND	ND	ND	ND
Metals															
Antimony	mg/kg	40							ND	0,52	ND	ND	ND	ND	ND
Arsenic	mg/kg	1,6							4,3	3,2	ND	1,8	2,3	6,6	ND
Beryllium	mg/kg	8							0,43	0,2	ND	0,075	0,39	0,38	ND
Cadmium	mg/kg	12							ND	0,16	ND	0,17	0,13	0,21	ND
Chromium	mg/kg	2500							84	36	55	38	34	26	46
Copper	mg/kg	230							33	20	27	16	18	20	18
Lead	mg/kg	320							7,5	3,8	4,8	3	4,1	5	2,7
Nickel	mg/kg	150							120	41	82	43	43	33	58
Selenium	mg/kg	10							ND	ND	ND	ND	ND	ND	ND
Silver	mg/kg	40							ND	ND	ND	ND	ND	ND	ND
Zinc	mg/kg	600							62	35	38	29	36	41	28
Mercury	mg/kg	10	Not Analyzed						0,097	0,037	0,097	0,035	0,22	0,21	0,067
Cyanide	mg/kg	Not Applicable	Not Analyzed						ND	ND	ND	ND	ND	ND	ND
TPH-DRO	mg/kg	83	1,2	1,5	ND	430	1100	2,1	Not Analyzed						

Notes:

1. ND = Not detected. The analyte was not detected in the sample.
2. NA or Not Analyzed - Analysis was not conducted.
3. California ESLs are from San Francisco Regional Water Quality Control Board, updated 2013.
The most conservative ESLs from Tables A, B, C, and D are listed.
4. mg/kg - milligrams per kilogram, or parts per million, ppm
5. ug/kg - micrograms per kilogram, or parts per billion, ppb.
6. Not Applicable - standards are not applicable because the analyte was not detected.
7. Results in bold exceed the ESL.

Table 2. Analytical Results for Soil Samples Collected from Soil Borings
Phase II Environmental Site Investigation - Philips Lumileds, San Jose, CA
Detected Analytes Only

Analyte	Units	California ESL - updated 2013	Sample ID and Depth (ft)										
			PLSB-7 12	PLSB-8 10	PLSB-8 15	PLSB-9 10	PLSB-9 19	PLSB-10 10	PLSB-10 15	PLSB-11 5,5	PLSB-11 10	PLSB-12 4,5	PLSB-12 10
Volatile Organic Compounds	ug/kg	Not applicable	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BTEX Compounds + MTBE	ug/kg	Not applicable	Not Analyzed										
Semivolatile Organic Compounds	mg/kg	Not applicable	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Metals													
Antimony	mg/kg	40	0,58	ND	0,61	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic	mg/kg	1,6	4,3	ND	3,1	2,4	7,3	8	3,9	3,8	22	6,9	3,8
Beryllium	mg/kg	8	0,21	ND	0,14	0,27	0,63	0,57	0,33	0,66	0,38	0,61	0,41
Cadmium	mg/kg	12	0,13	ND	ND	0,13	ND	0,35	ND	ND	0,72	ND	ND
Chromium	mg/kg	2500	50	80	52	26	64	87	66	69	61	78	61
Copper	mg/kg	230	22	36	22	16	42	44	33	36	37	38	29
Lead	mg/kg	320	2,8	6,3	3,3	3,9	8,2	14	4,8	6,9	5,9	12	5,7
Nickel	mg/kg	150	61	98	61	32	77	100	90	84	110	110	78
Selenium	mg/kg	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver	mg/kg	40	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zinc	mg/kg	600	33	52	33	33	85	70	48	64	45	68	49
Mercury	mg/kg	10	0,049	0,092	0,1	0,1	0,17	ND	0,058	0,1	0,082	3	0,17
Cyanide	mg/kg	Not Applicable	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TPH-DRO	mg/kg	83	Not Analyzed										

Notes:

1. ND = Not detected. The analyte was not detected in the sample.
2. NA or Not Analyzed - Analysis was not conducted.
3. California ESLs are from San Francisco Regional Water Quality Control Board. The most conservative ESLs from Tables A, B, C, and D are listed.
4. mg/kg - milligrams per kilogram, or parts per million, ppm
5. ug/kg - micrograms per kilogram, or parts per billion, ppb.
6. Not Applicable - standards are not applicable because the analyte was not detected.
7. Results in bold exceed the ESL.

Table 3 - Analytical Results for Groundwater Samples

Table 3. Analytical Results for Groundwater Samples
Phase II Environmental Site Investigation - Philips Lumileds, San Jose, California
Detected Analytes Only

Analyte	Units	California ESL	U.S. EPA MCL	Sample ID													
				PLSB-1	PLSB-2	PLSB-3	PLSB-4	PLSB-5	PLSB-6	PLSB-7	PLSB-8	PLSB-9	PLSB-10	PLSB-11	PLSB-12	PLPB-1	
Volatile Organic Compounds	ug/L	Not Applicable		NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BTEX Compounds + MTBE	ug/L	Not Applicable		ND	ND	ND	Not Analyzed										
Semivolatile Organic Compounds	ug/L	Not Applicable		NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dissolved Metals																	
Arsenic	ug/L	10 / 36	10				ND	24	ND	ND	ND	ND	ND	ND	ND	ND	ND
Selenium	ug/L	5	50				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zinc	ug/L	81	5.000				45	55	21	44	27	33	75	ND	ND	43	
Mercury	ug/L	0,025	2	Not Analyzed			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
TPH - DRO	ug/L	100	NE	ND	ND	880	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Cyanide	mg/L	Not applicable		NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	

Notes:

1. ND - Not detected. The analyte was not detected in the sample.
2. NA or Not Analyzed - Analysis was not conducted.
3. Not Applicable - standards are not applicable because the analyte was not detected.
4. California ESLs are from the San Francisco Regional Water Quality Control Board, updated 2013.
The most conservative ESLs from Tables A, B, C, and D are listed.
5. ug/L - micrograms per liter, or parts per billion, ppb
6. mg/L - milligrams per liter, or parts per million, ppm.
7. The ESL for arsenic is for groundwater used as drinking water / not used as drinking water.
8. NE - Not established.
9. Results in bold exceed the MCL. ESLs are not enforceable, and therefore results in excess of ESLs are not bolded.

Table 3. Analytical Results for Groundwater Samples
Phase II Environmental Site Investigation - Philips Lumileds, San Jose, California
Detected Analytes Only

Analyte	Units	California ESL	U.S. EPA MCL	Sample ID							
				PLPB-2	PLPB-3	PLPB-4	PLPB-5	PLPB-6	PLPB-7	PLPB-8	
Volatile Organic Compounds	ug/L	Not Applicable		ND	ND	ND	ND	ND	ND	ND	
BTEX Compounds + MTBE	ug/L	Not Applicable		Not Analyzed							
Semivolatile Organic Compounds	ug/L	Not Applicable		ND	ND	ND	ND	ND	ND	ND	
Dissolved Metals											
Arsenic	ug/L	10 / 36	10	12	ND	ND	ND	ND	ND	ND	
Selenium	ug/L	5	50	ND	ND	21	ND	ND	ND	ND	
Zinc	ug/L	81	5.000	81	ND	20	21	36	ND	20	
Mercury	ug/L	0,025	2	ND	ND	ND	ND	ND	0,24	ND	
TPH - DRO	ug/L	100	NE	NA	NA	NA	NA	NA	ND	ND	
Cyanide	mg/L	Not applicable		ND	NA	NA	ND	NA	NA	NA	

Notes:

1. ND - Not detected. The analyte was not detected in the sample.
2. NA or Not Analyzed - Analysis was not conducted.
3. Not Applicable - standards are not applicable because the analyte was not detected.
4. California ESLs are from the San Francisco Regional Water Quality Control Board, updated 2013.
The most conservative ESLs from Tables A, B, C, and D are listed.
5. ug/L - micrograms per liter, or parts per billion, ppb
6. mg/L - milligrams per liter, or parts per million, ppm.
7. The ESL for arsenic is for groundwater used as drinking water / not used as drinking water.
8. NE - Not established.
9. Results in bold exceed the MCL. ESLs are not enforceable, and therefore results in excess of ESLs are not I

Table 4 - Analytical Results for Surface Soil Samples Analyzed for Arsenic

Table 4. Analytical Results for Surface Soil Samples Analyzed for Arsenic
Phase II Environmental Site Investigation - Philips Lumileds, San Jose, California

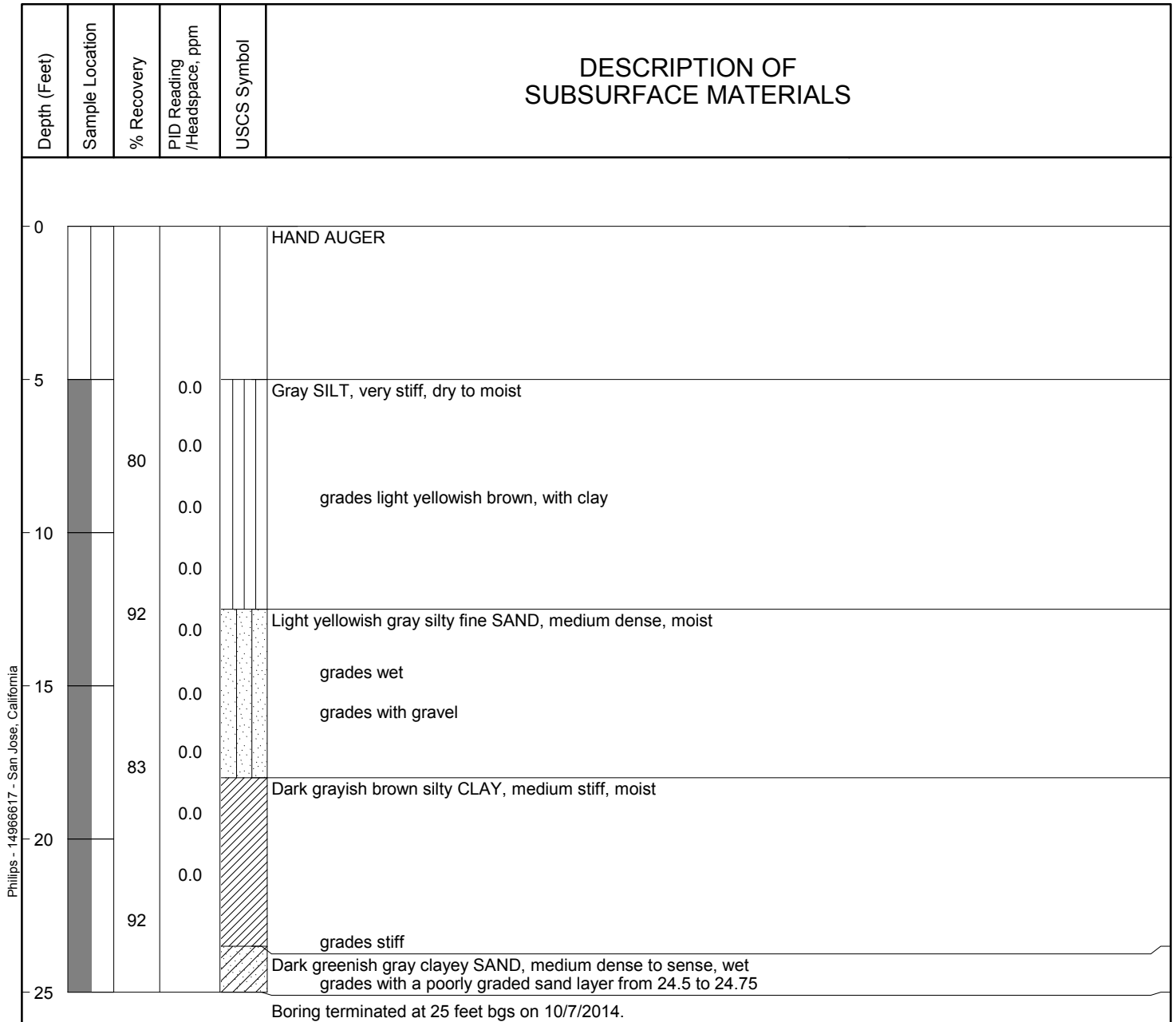
Analyte	Sample ID and Analytical Result (in mg/kg)															California ESL - updated 2013
	Background (Upwind)			Downwind of Baghouse												
	SSBG-1	SSBG-2	SSBG-3	SS-1	SS-2	SS-3	SS-4	SS-5	SS-6	SS-7	SS-8	SS-9	SS-10	SS-11	SS-12	
Arsenic	9,3	6,7	8	8,2	7,4	36	9,7	23	23	10	12	14	13	11	9,1	1,6

Notes:

1. California ESLs are from San Francisco Regional Water Quality Control Board, updated 2008. Standards are listed for shallow soils. The standards for shallow soil where groundwater is or is not a potential source of drinking water are the same (1.6 mg/kg).
2. All results are in units of milligrams per kilogram (mg/kg), or parts per million, ppm.
3. Results in bold exceed the ESL.

Appendix A - Soil Boring Logs

DESCRIPTION OF SUBSURFACE MATERIALS



LEGEND:

- Hand Auger Sample
- Geoprobe Sample
- PID Photoionization Detector
- bgs Below ground surface

GE ARVADA BORING LOGS.GPJ 11/10/14



JOB NO. 14966617

Philips
Project Ben
350 and 370 West Trimble Road
San Jose, California

**SOIL BORING
PLSB-1**

DESCRIPTION OF SUBSURFACE MATERIALS

Depth (Feet)	Sample Location	% Recovery	PID Reading /Headspace, ppm	USCS Symbol	
0					HAND AUGER
5			86	0.0	Brown silty CLAY, very stiff, moist
10			78	0.0	grades dark gray, stiff to very stiff
15			83	0.0	grades to sandy clay, stiff, dense grades brown with light gray mottling
20			92	0.0	grades with 3-inch poorly graded fine grained sand lens grades with 6-inch poorly graded fine grained sand lens
25					Dark bluish gray silty SAND
					Brown fine to coarse GRAVEL and fine to coarse SAND, very dense, wet,
					Boring terminated at 25 feet bgs on 10/9/2014.

LEGEND:

- Hand Auger Sample
 Geoprobe Sample
- PID Photoionization Detector
- bgs Below ground surface

GE ARVADA BORING LOGS.GPJ 11/10/14

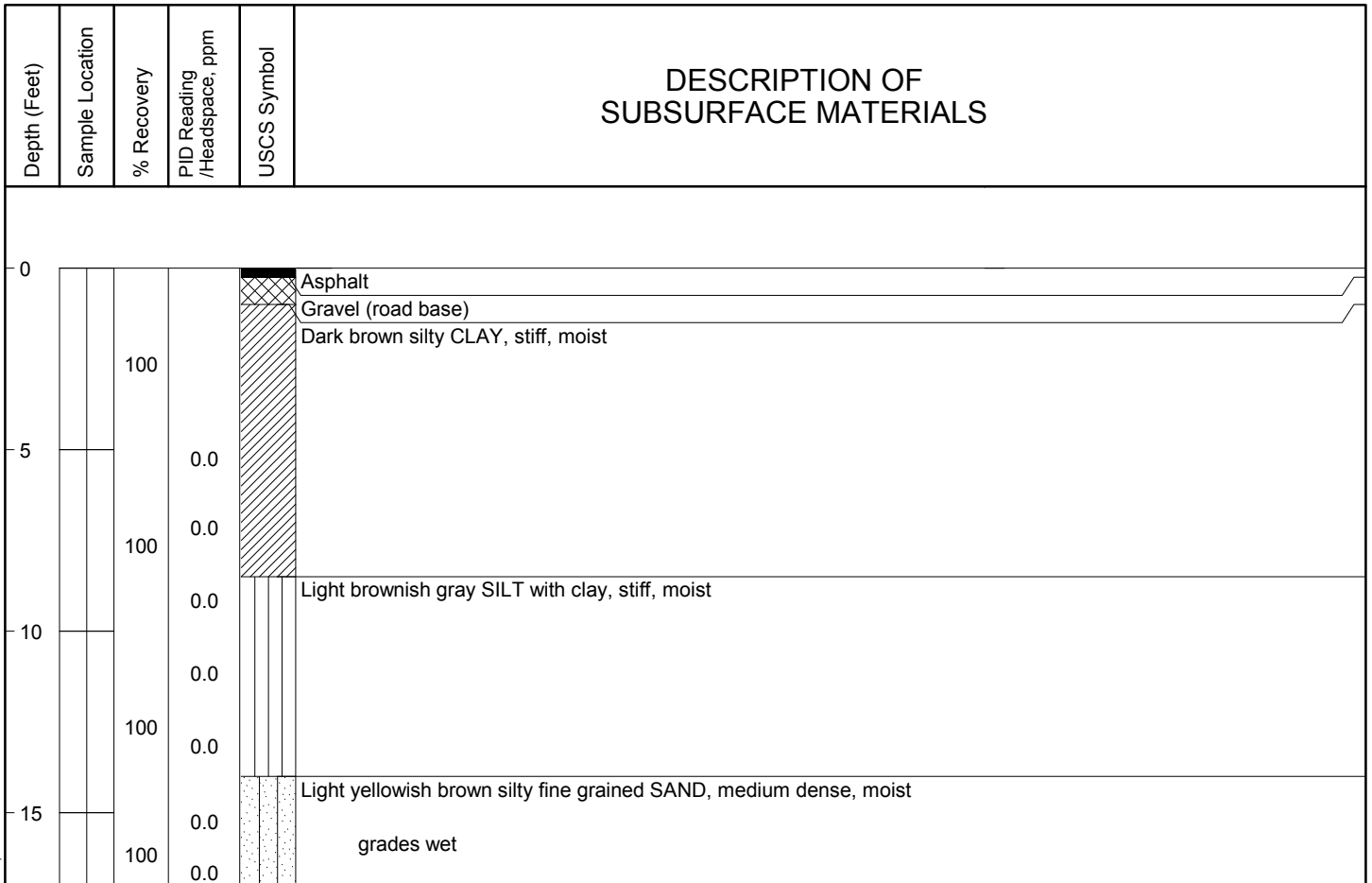


JOB NO. 14966617

Philips
Project Ben
350 and 370 West Trimble Road
San Jose, California

**SOIL BORING
PLSB-10**

DESCRIPTION OF SUBSURFACE MATERIALS



Boring terminated at 17 feet bgs on 10/10/2014.

LEGEND:

- Hand Auger Sample
- PID Photoionization Detector
- bgs Below ground surface

Philips - 14966617 - San Jose, California

GE ARVADA BORING LOGS.GPJ 11/10/14



JOB NO. 14966617

Philips
Project Ben
350 and 370 West Trimble Road
San Jose, California

**SOIL BORING
PLSB-11**

DESCRIPTION OF SUBSURFACE MATERIALS

Depth (Feet)	Sample Location	% Recovery	PID Reading /Headspace, ppm	USCS Symbol	
0				[Diagonal Hatching]	Dark brown silty CLAY, stiff to very soft, moist, some organic matter
5		100	0.0	[Diagonal Hatching]	
10		100	0.0	[Vertical Lines]	Light yellowish brown clayey SILT, stiff, moist
15		100	0.0	[Dotted Pattern]	Light yellowish gray silty SAND, medium dense to dense, moist
			0.0		grades wet

Boring terminated at 17 feet bgs on 10/10/2014.

LEGEND:

- Hand Auger Sample
- PID Photoionization Detector
- bgs Below ground surface

Philips - 14966617 - San Jose, California

GE ARVADA BORING LOGS.GPJ 11/10/14

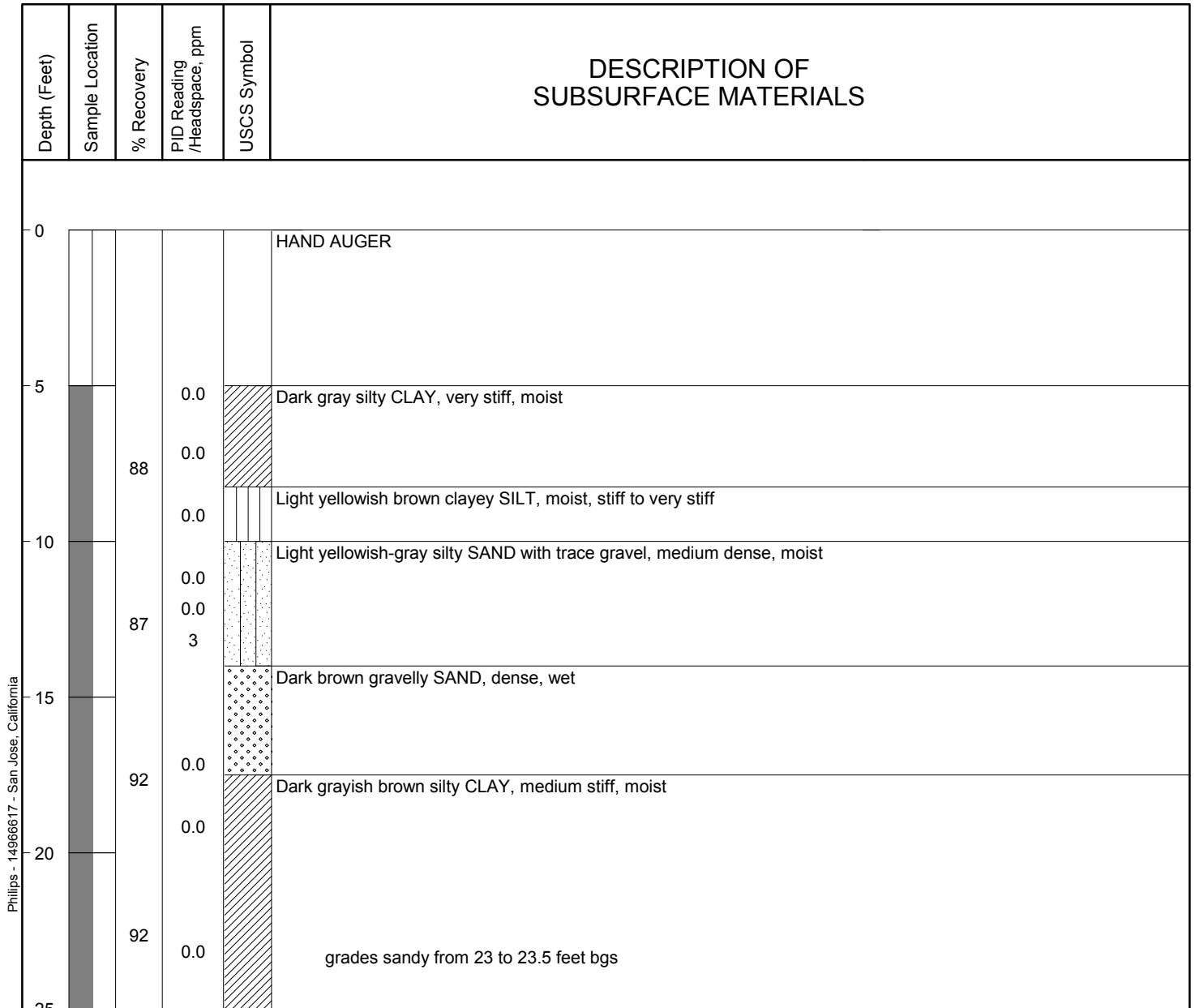


JOB NO. 14966617

Philips
Project Ben
350 and 370 West Trimble Road
San Jose, California

**SOIL BORING
PLSB-12**

DESCRIPTION OF SUBSURFACE MATERIALS



Philips - 14966617 - San Jose, California

LEGEND:

- Hand Auger Sample
- Geoprobe Sample
- PID Photoionization Detector
- bgs Below ground surface

GE ARVADA BORING LOGS.GPJ 11/10/14





JOB NO. 14966617

Philips
Project Ben
350 and 370 West Trimble Road
San Jose, California

**SOIL BORING
PLSB-2**

DESCRIPTION OF SUBSURFACE MATERIALS

Depth (Feet)	Sample Location	% Recovery	PID Reading /Headspace, ppm	USCS Symbol	
0					HAND AUGER
5		0.0			No Recovery (pea gravel associated with tank backfill)
10		30	0.0		Light yellowish brown clayey SAND, dense, moist grades with hydrocarbon odor and staining
15		70	13		Light greenish-gray fine SAND with silt, medium dense to dense, moist grades to well graded sand with gravel
20		17	25		Dark greenish gray clayey SAND, medium stiff, moist to wet, no hydrocarbon odor
25		73	40		
Boring terminated at 25 feet bgs on 10/7/2014.					
<p>LEGEND:</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  Hand Auger Sample </div> <div style="text-align: center;">  Geoprobe Sample </div> </div> <p>PID Photoionization Detector</p> <p>bgs Below ground surface</p>					

Philips - 14966617 - San Jose, California

GE ARVADA BORING LOGS.GPJ 11/10/14



JOB NO. 14966617

Philips
Project Ben
350 and 370 West Trimble Road
San Jose, California

**SOIL BORING
PLSB-3**

DESCRIPTION OF SUBSURFACE MATERIALS

Depth (Feet)	Sample Location	% Recovery	PID Reading /Headspace, ppm	USCS Symbol	
0					HAND AUGER
5			0.0	0.0	Dark brown silty CLAY, stiff to very stiff, moist
10		80	0.0	0.0	Light olive brown clayey SILT, stiff to very stiff
15			0.0	0.0	Mottled light gray to brown silty CLAY, very stiff, moist
20		70	0.0	0.0	Dark brown gravelly SAND, very dense, wet
25			0.0	0.0	Gray silty CLAY, medium stiff, moist

Boring terminated at 25 feet bgs on 10/7/2014.

LEGEND:

- Hand Auger Sample
 Geoprobe Sample
- PID Photoionization Detector
- bgs Below ground surface

Philips - 14966617 - San Jose, California

GE ARVADA BORING LOGS.GPJ 11/10/14

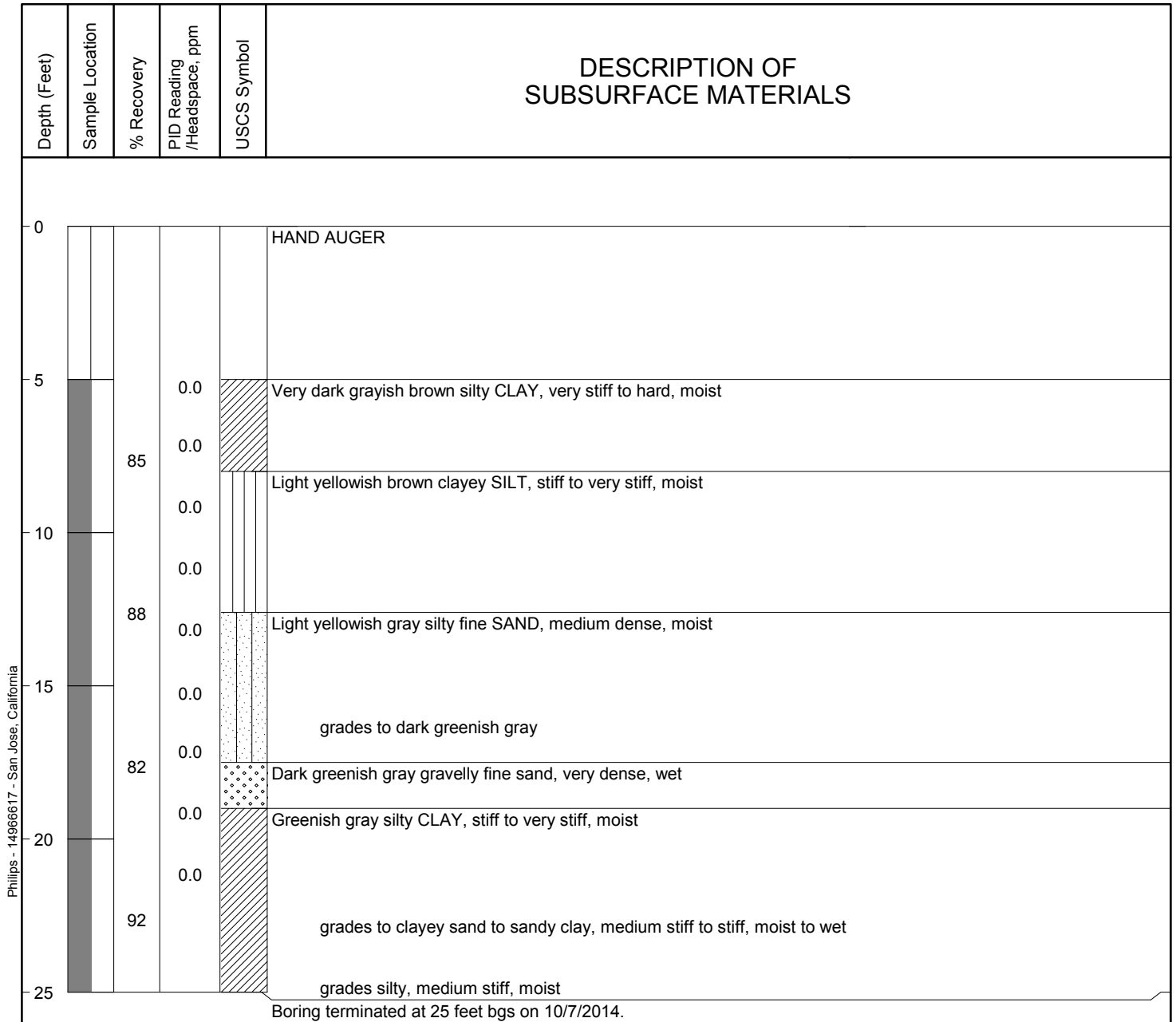


JOB NO. 14966617

Philips
Project Ben
350 and 370 West Trimble Road
San Jose, California

**SOIL BORING
PLSB-4**

DESCRIPTION OF SUBSURFACE MATERIALS



Philips - 14966617 - San Jose, California

LEGEND:

- Hand Auger Sample
- Geoprobe Sample
- PID Photoionization Detector
- bgs Below ground surface

GE ARVADA BORING LOGS.GPJ 11/10/14



JOB NO. 14966617

Philips
Project Ben
350 and 370 West Trimble Road
San Jose, California

**SOIL BORING
PLSB-5**

DESCRIPTION OF SUBSURFACE MATERIALS

Depth (Feet)	Sample Location	% Recovery	PID Reading /Headspace, ppm	USCS Symbol	
0					HAND AUGER
5					Light brownish gray clayey SILT, very stiff, moist
		92	0.0		Brown with light gray mottling silty CLAY, very stiff, moist
10					Dark brown fine to coarse gravelly fine to coarse SAND, very dense,
		95	0.0		Brown with light gray mottling silty CLAY with sand, soft
15					grades wet
		67	0.0		
20					Dark grayish brown silty SAND, medium dense, wet
		97	0.0		Dark greenish gray silty CLAY with trace sand, soft to medium stiff, moist
25					Boring terminated at 25 feet bgs on 10/7/2014.

Philips - 14966617 - San Jose, California

GE ARVADA BORING LOGS.GPJ 11/10/14

LEGEND:

- Hand Auger Sample
- Geoprobe Sample
- PID Photoionization Detector
- bgs Below ground surface



JOB NO. 14966617

Philips
Project Ben
350 and 370 West Trimble Road
San Jose, California

**SOIL BORING
PLSB-6**

DESCRIPTION OF SUBSURFACE MATERIALS

Depth (Feet)	Sample Location	% Recovery	PID Reading /Headspace, ppm	USCS Symbol	
0					HAND AUGER
5					Very dark gray silty CLAY, very stiff, moist
		97	0.0		Light gray SILT with clay, very stiff, moist
10					Brown silty CLAY with light gray mottling with trace sand, medium stiff to stiff, moist
		88	0.0		Brown silty very fine to fine SAND with light gray mottling with trace clay, dense to very dense grades wet
15					Greenish gray gravelly SAND with silt, very dense, wet
		83	0.0		Brown silty CLAY with light greenish gray mottling, medium stiff to stiff, moist
20					Brown clayey SAND with light greenish gray mottling, medium dense to soft, moist to wet
		98	0.0		
25	Boring terminated at 25 feet bgs on 10/10/2014.				

LEGEND:

- Hand Auger Sample
- Geoprobe Sample
- PID Photoionization Detector
- bgs Below ground surface

Philips - 14966617 - San Jose, California

GE ARVADA BORING LOGS.GPJ 11/10/14

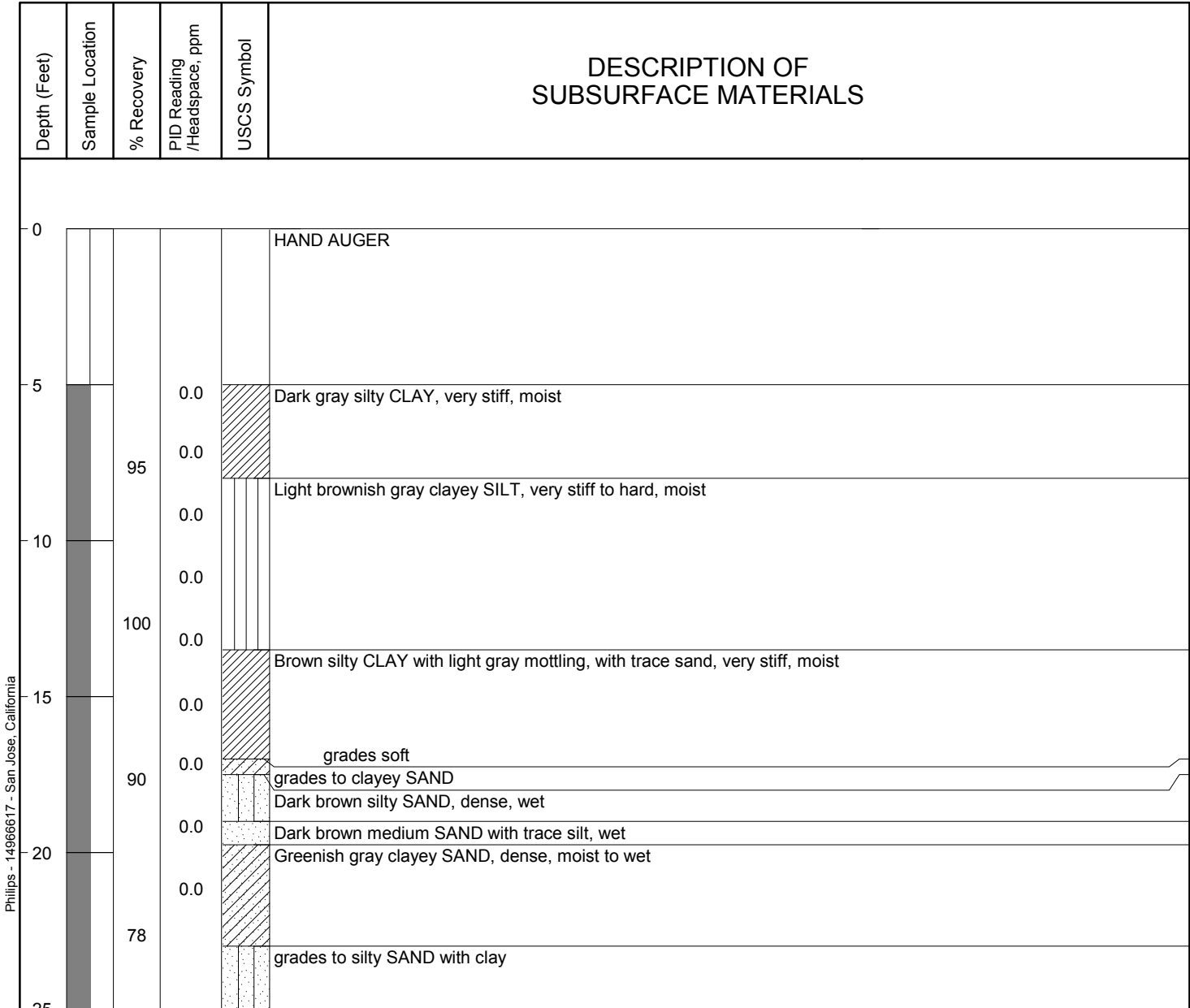


JOB NO. 14966617

Philips
Project Ben
350 and 370 West Trimble Road
San Jose, California

**SOIL BORING
PLSB-7**

DESCRIPTION OF SUBSURFACE MATERIALS



Boring terminated at 25 feet bgs on 10/8/2014.

LEGEND:

- Hand Auger Sample
- Geoprobe Sample
- PID Photoionization Detector
- bgs Below ground surface

Philips - 14966617 - San Jose, California

GE ARVADA BORING LOGS.GPJ 11/10/14

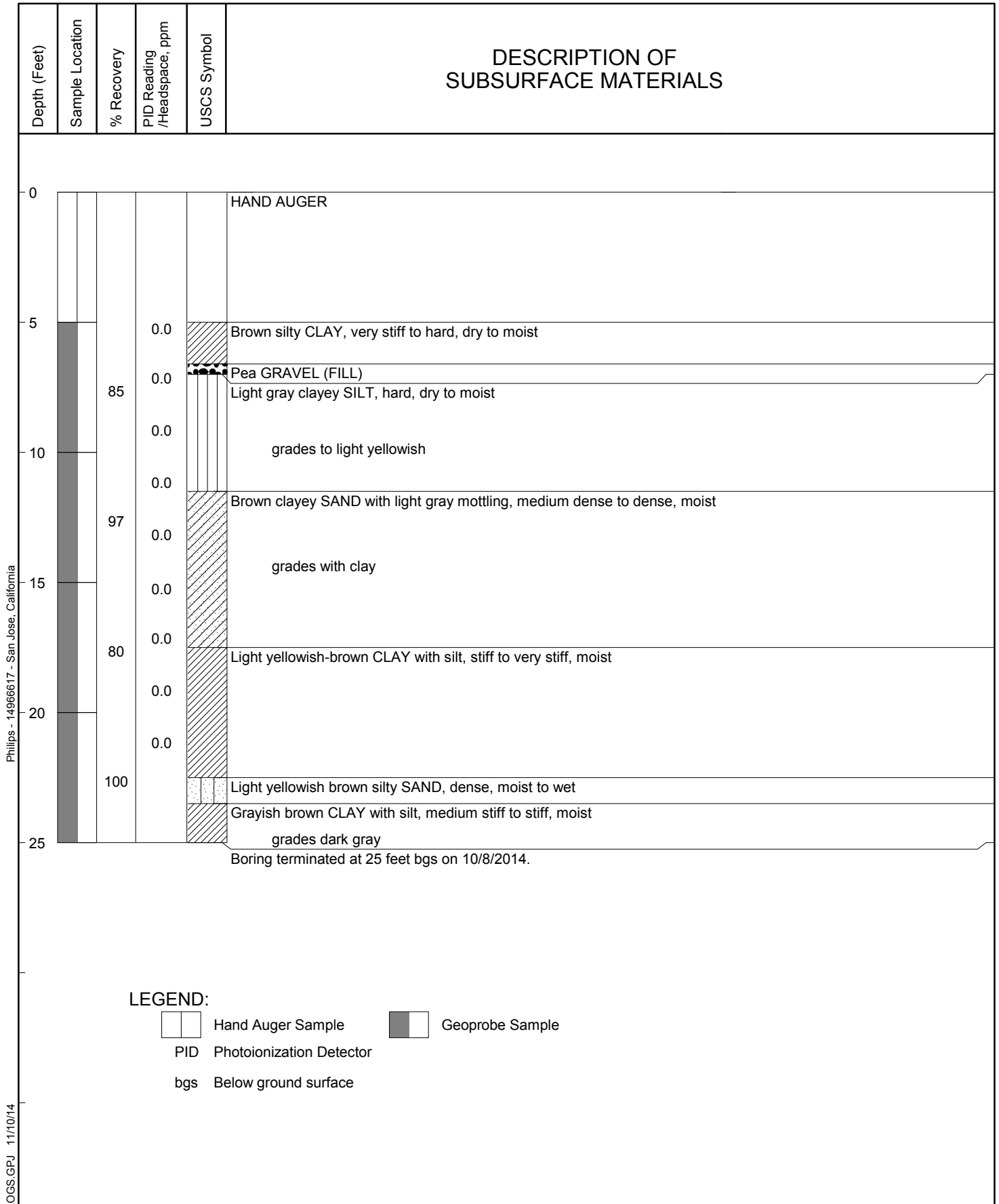


JOB NO. 14966617

Philips
Project Ben
350 and 370 West Trimble Road
San Jose, California

**SOIL BORING
PLSB-8**

DESCRIPTION OF SUBSURFACE MATERIALS



LEGEND:

- Hand Auger Sample
- Geoprobe Sample
- PID Photoionization Detector
- bgs Below ground surface

Philips - 14966617 - San Jose, California

GE ARVADA BORING LOGS.GPJ 11/10/14



JOB NO. 14966617

Philips
Project Ben
350 and 370 West Trimble Road
San Jose, California

**SOIL BORING
PLSB-9**

Appendix B - Laboratory Analytical Reports and Chain of Custody Documentation

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Pleasanton
1220 Quarry Lane
Pleasanton, CA 94566
Tel: (925)484-1919

TestAmerica Job ID: 720-60446-1
Client Project/Site: Philips San Jose

For:
URS Corporation
One Montgomery Street
Suite 900
San Francisco, California 94104-4538

Attn: Mr. Erik Skov



Authorized for release by:
10/16/2014 2:30:56 PM

Afsaneh Salimpour, Senior Project Manager
(925)484-1919
afsaneh.salimpour@testamericainc.com

LINKS

Review your project
results through
TotalAccess

Have a Question?



Visit us at:
www.testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14



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Definitions/Glossary

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60446-1

Qualifiers

GC/MS Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD Recovery exceeds the control limits
X	Surrogate is outside control limits
F2	MS/MSD RPD exceeds control limits
*	ISTD response or retention time outside acceptable limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
F1	MS and/or MSD Recovery exceeds the control limits
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F2	MS/MSD RPD exceeds control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	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: Philips San Jose

TestAmerica Job ID: 720-60446-1

Job ID: 720-60446-1

Laboratory: TestAmerica Pleasanton

Narrative

Job Narrative 720-60446-1

Comments

No additional comments.

Receipt

The samples were received on 10/8/2014 6:45 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 3 coolers at receipt time were 0.7° C, 0.9° C and 0.9° C.

Except:

No project name listed on the COC, logged as Philips, San Jose .

GC/MS VOA

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

GC/MS Semi VOA

Method(s) 8270C: Internal standard (chrysene-d12) response was outside of acceptance limits for the following sample(s): PLSB-4-10.5 (720-60446-1), PLSB-6-15 (720-60446-4), PLSB-8-10 (720-60446-5). The sample(s) shows evidence of matrix interference.

Method(s) 8270C: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for batch 168633 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

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

Metals

Method(s) 6010B: The following sample(s) was diluted due to the abundance of non-target analyte Fe: PLSB-8-10 (720-60446-5).

Elevated reporting limits (RLs) are provided.

Method(s) 6010B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for prep batch 168656 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method(s) 6010B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for prep batch 168659 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method(s) 6010B: The following sample(s) was diluted due to the abundance of non-target analyte Fe: PLSB-4-10.5 (720-60446-1).

Elevated reporting limits (RLs) are provided.

Method(s) 6010B: The matrix spike (MS) recoveries for prep batch 168661 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

General Chemistry

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

Organic Prep

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

Detection Summary

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60446-1

Client Sample ID: PLSB-4-10.5

Lab Sample ID: 720-60446-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	4.3		3.1		mg/Kg	4		6010B	Total/NA
Beryllium	0.43		0.31		mg/Kg	4		6010B	Total/NA
Chromium	84		1.6		mg/Kg	4		6010B	Total/NA
Copper	33		4.7		mg/Kg	4		6010B	Total/NA
Lead	7.5		1.6		mg/Kg	4		6010B	Total/NA
Nickel	120		1.6		mg/Kg	4		6010B	Total/NA
Zinc	62		4.7		mg/Kg	4		6010B	Total/NA
Mercury	0.097		0.0083		mg/Kg	1		7471A	Total/NA

Client Sample ID: PLSB-4-17

Lab Sample ID: 720-60446-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	0.52		0.48		mg/Kg	1		6010B	Total/NA
Arsenic	3.2		0.96		mg/Kg	1		6010B	Total/NA
Beryllium	0.20		0.096		mg/Kg	1		6010B	Total/NA
Cadmium	0.16		0.12		mg/Kg	1		6010B	Total/NA
Chromium	36		0.48		mg/Kg	1		6010B	Total/NA
Copper	20		1.4		mg/Kg	1		6010B	Total/NA
Lead	3.8		0.48		mg/Kg	1		6010B	Total/NA
Nickel	41		0.48		mg/Kg	1		6010B	Total/NA
Zinc	35		1.4		mg/Kg	1		6010B	Total/NA
Mercury	0.037		0.0088		mg/Kg	1		7471A	Total/NA

Client Sample ID: PLSB-6-10

Lab Sample ID: 720-60446-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	2.3		0.88		mg/Kg	1		6010B	Total/NA
Beryllium	0.39		0.088		mg/Kg	1		6010B	Total/NA
Cadmium	0.13		0.11		mg/Kg	1		6010B	Total/NA
Chromium	34		0.44		mg/Kg	1		6010B	Total/NA
Copper	18		1.3		mg/Kg	1		6010B	Total/NA
Lead	4.1		0.44		mg/Kg	1		6010B	Total/NA
Nickel	43		0.44		mg/Kg	1		6010B	Total/NA
Zinc	36		1.3		mg/Kg	1		6010B	Total/NA
Mercury	0.22		0.0094		mg/Kg	1		7471A	Total/NA

Client Sample ID: PLSB-6-15

Lab Sample ID: 720-60446-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	6.6		0.87		mg/Kg	1		6010B	Total/NA
Beryllium	0.38		0.087		mg/Kg	1		6010B	Total/NA
Cadmium	0.21		0.11		mg/Kg	1		6010B	Total/NA
Chromium	26		0.43		mg/Kg	1		6010B	Total/NA
Copper	20		1.3		mg/Kg	1		6010B	Total/NA
Lead	5.0		0.43		mg/Kg	1		6010B	Total/NA
Nickel	33		0.43		mg/Kg	1		6010B	Total/NA
Zinc	41		1.3		mg/Kg	1		6010B	Total/NA
Mercury	0.21		0.0094		mg/Kg	1		7471A	Total/NA

Client Sample ID: PLSB-8-10

Lab Sample ID: 720-60446-5

This Detection Summary does not include radiochemical test results.

TestAmerica Pleasanton

Detection Summary

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60446-1

Client Sample ID: PLSB-8-10 (Continued)

Lab Sample ID: 720-60446-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium	80		1.9		mg/Kg	4		6010B	Total/NA
Copper	36		5.7		mg/Kg	4		6010B	Total/NA
Lead	6.3		1.9		mg/Kg	4		6010B	Total/NA
Nickel	98		1.9		mg/Kg	4		6010B	Total/NA
Zinc	52		5.7		mg/Kg	4		6010B	Total/NA
Mercury	0.092		0.0090		mg/Kg	1		7471A	Total/NA

Client Sample ID: PLSB-8-15

Lab Sample ID: 720-60446-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	0.61		0.50		mg/Kg	1		6010B	Total/NA
Arsenic	3.1		1.0		mg/Kg	1		6010B	Total/NA
Beryllium	0.14		0.10		mg/Kg	1		6010B	Total/NA
Chromium	52		0.50		mg/Kg	1		6010B	Total/NA
Copper	22		1.5		mg/Kg	1		6010B	Total/NA
Lead	3.3		0.50		mg/Kg	1		6010B	Total/NA
Nickel	61		0.50		mg/Kg	1		6010B	Total/NA
Zinc	33		1.5		mg/Kg	1		6010B	Total/NA
Mercury	0.10		0.0091		mg/Kg	1		7471A	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60446-1

Client Sample ID: PLSB-4-10.5

Lab Sample ID: 720-60446-1

Date Collected: 10/07/14 16:54

Matrix: Solid

Date Received: 10/08/14 18:45

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		3.4		ug/Kg		10/08/14 23:50	10/10/14 02:45	1
Acetone	ND		34		ug/Kg		10/08/14 23:50	10/10/14 02:45	1
Benzene	ND		3.4		ug/Kg		10/08/14 23:50	10/10/14 02:45	1
Dichlorobromomethane	ND		3.4		ug/Kg		10/08/14 23:50	10/10/14 02:45	1
Bromobenzene	ND		3.4		ug/Kg		10/08/14 23:50	10/10/14 02:45	1
Chlorobromomethane	ND		14		ug/Kg		10/08/14 23:50	10/10/14 02:45	1
Bromoform	ND		3.4		ug/Kg		10/08/14 23:50	10/10/14 02:45	1
Bromomethane	ND		6.9		ug/Kg		10/08/14 23:50	10/10/14 02:45	1
2-Butanone (MEK)	ND		34		ug/Kg		10/08/14 23:50	10/10/14 02:45	1
n-Butylbenzene	ND		3.4		ug/Kg		10/08/14 23:50	10/10/14 02:45	1
sec-Butylbenzene	ND		3.4		ug/Kg		10/08/14 23:50	10/10/14 02:45	1
tert-Butylbenzene	ND		3.4		ug/Kg		10/08/14 23:50	10/10/14 02:45	1
Carbon disulfide	ND		3.4		ug/Kg		10/08/14 23:50	10/10/14 02:45	1
Carbon tetrachloride	ND		3.4		ug/Kg		10/08/14 23:50	10/10/14 02:45	1
Chlorobenzene	ND		3.4		ug/Kg		10/08/14 23:50	10/10/14 02:45	1
Chloroethane	ND		6.9		ug/Kg		10/08/14 23:50	10/10/14 02:45	1
Chloroform	ND		3.4		ug/Kg		10/08/14 23:50	10/10/14 02:45	1
Chloromethane	ND		6.9		ug/Kg		10/08/14 23:50	10/10/14 02:45	1
2-Chlorotoluene	ND		3.4		ug/Kg		10/08/14 23:50	10/10/14 02:45	1
4-Chlorotoluene	ND		3.4		ug/Kg		10/08/14 23:50	10/10/14 02:45	1
Chlorodibromomethane	ND		3.4		ug/Kg		10/08/14 23:50	10/10/14 02:45	1
1,2-Dichlorobenzene	ND		3.4		ug/Kg		10/08/14 23:50	10/10/14 02:45	1
1,3-Dichlorobenzene	ND		3.4		ug/Kg		10/08/14 23:50	10/10/14 02:45	1
1,4-Dichlorobenzene	ND		3.4		ug/Kg		10/08/14 23:50	10/10/14 02:45	1
1,3-Dichloropropane	ND		3.4		ug/Kg		10/08/14 23:50	10/10/14 02:45	1
1,1-Dichloropropene	ND		3.4		ug/Kg		10/08/14 23:50	10/10/14 02:45	1
1,2-Dibromo-3-Chloropropane	ND		6.9		ug/Kg		10/08/14 23:50	10/10/14 02:45	1
Ethylene Dibromide	ND		3.4		ug/Kg		10/08/14 23:50	10/10/14 02:45	1
Dibromomethane	ND		6.9		ug/Kg		10/08/14 23:50	10/10/14 02:45	1
Dichlorodifluoromethane	ND		6.9		ug/Kg		10/08/14 23:50	10/10/14 02:45	1
1,1-Dichloroethane	ND		3.4		ug/Kg		10/08/14 23:50	10/10/14 02:45	1
1,2-Dichloroethane	ND		3.4		ug/Kg		10/08/14 23:50	10/10/14 02:45	1
1,1-Dichloroethene	ND		3.4		ug/Kg		10/08/14 23:50	10/10/14 02:45	1
cis-1,2-Dichloroethene	ND		3.4		ug/Kg		10/08/14 23:50	10/10/14 02:45	1
trans-1,2-Dichloroethene	ND		3.4		ug/Kg		10/08/14 23:50	10/10/14 02:45	1
1,2-Dichloropropane	ND		3.4		ug/Kg		10/08/14 23:50	10/10/14 02:45	1
cis-1,3-Dichloropropene	ND		3.4		ug/Kg		10/08/14 23:50	10/10/14 02:45	1
trans-1,3-Dichloropropene	ND		3.4		ug/Kg		10/08/14 23:50	10/10/14 02:45	1
Ethylbenzene	ND		3.4		ug/Kg		10/08/14 23:50	10/10/14 02:45	1
Hexachlorobutadiene	ND		3.4		ug/Kg		10/08/14 23:50	10/10/14 02:45	1
2-Hexanone	ND		34		ug/Kg		10/08/14 23:50	10/10/14 02:45	1
Isopropylbenzene	ND		3.4		ug/Kg		10/08/14 23:50	10/10/14 02:45	1
4-Isopropyltoluene	ND		3.4		ug/Kg		10/08/14 23:50	10/10/14 02:45	1
Methylene Chloride	ND		6.9		ug/Kg		10/08/14 23:50	10/10/14 02:45	1
4-Methyl-2-pentanone (MIBK)	ND		34		ug/Kg		10/08/14 23:50	10/10/14 02:45	1
Naphthalene	ND		6.9		ug/Kg		10/08/14 23:50	10/10/14 02:45	1
N-Propylbenzene	ND		3.4		ug/Kg		10/08/14 23:50	10/10/14 02:45	1
Styrene	ND		3.4		ug/Kg		10/08/14 23:50	10/10/14 02:45	1
1,1,1,2-Tetrachloroethane	ND		3.4		ug/Kg		10/08/14 23:50	10/10/14 02:45	1

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60446-1

Client Sample ID: PLSB-4-10.5

Lab Sample ID: 720-60446-1

Date Collected: 10/07/14 16:54

Matrix: Solid

Date Received: 10/08/14 18:45

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		3.4		ug/Kg		10/08/14 23:50	10/10/14 02:45	1
Tetrachloroethene	ND		3.4		ug/Kg		10/08/14 23:50	10/10/14 02:45	1
Toluene	ND		3.4		ug/Kg		10/08/14 23:50	10/10/14 02:45	1
1,2,3-Trichlorobenzene	ND		3.4		ug/Kg		10/08/14 23:50	10/10/14 02:45	1
1,2,4-Trichlorobenzene	ND		3.4		ug/Kg		10/08/14 23:50	10/10/14 02:45	1
1,1,1-Trichloroethane	ND		3.4		ug/Kg		10/08/14 23:50	10/10/14 02:45	1
1,1,2-Trichloroethane	ND		3.4		ug/Kg		10/08/14 23:50	10/10/14 02:45	1
Trichloroethene	ND		3.4		ug/Kg		10/08/14 23:50	10/10/14 02:45	1
Trichlorofluoromethane	ND		3.4		ug/Kg		10/08/14 23:50	10/10/14 02:45	1
1,2,3-Trichloropropane	ND		3.4		ug/Kg		10/08/14 23:50	10/10/14 02:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		3.4		ug/Kg		10/08/14 23:50	10/10/14 02:45	1
1,2,4-Trimethylbenzene	ND		3.4		ug/Kg		10/08/14 23:50	10/10/14 02:45	1
1,3,5-Trimethylbenzene	ND		3.4		ug/Kg		10/08/14 23:50	10/10/14 02:45	1
Vinyl acetate	ND		14		ug/Kg		10/08/14 23:50	10/10/14 02:45	1
Vinyl chloride	ND		3.4		ug/Kg		10/08/14 23:50	10/10/14 02:45	1
Xylenes, Total	ND		6.9		ug/Kg		10/08/14 23:50	10/10/14 02:45	1
2,2-Dichloropropane	ND		3.4		ug/Kg		10/08/14 23:50	10/10/14 02:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	96		45 - 131	10/08/14 23:50	10/10/14 02:45	1
1,2-Dichloroethane-d4 (Surr)	91		60 - 140	10/08/14 23:50	10/10/14 02:45	1
Toluene-d8 (Surr)	87		58 - 140	10/08/14 23:50	10/10/14 02:45	1

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		0.066		mg/Kg		10/10/14 16:44	10/13/14 20:47	1
Bis(2-chloroethyl)ether	ND		0.066		mg/Kg		10/10/14 16:44	10/13/14 20:47	1
2-Chlorophenol	ND		0.066		mg/Kg		10/10/14 16:44	10/13/14 20:47	1
1,3-Dichlorobenzene	ND		0.066		mg/Kg		10/10/14 16:44	10/13/14 20:47	1
1,4-Dichlorobenzene	ND		0.066		mg/Kg		10/10/14 16:44	10/13/14 20:47	1
Benzyl alcohol	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 20:47	1
1,2-Dichlorobenzene	ND		0.066		mg/Kg		10/10/14 16:44	10/13/14 20:47	1
2-Methylphenol	ND		0.066		mg/Kg		10/10/14 16:44	10/13/14 20:47	1
Methylphenol, 3 & 4	ND		0.066		mg/Kg		10/10/14 16:44	10/13/14 20:47	1
N-Nitrosodi-n-propylamine	ND		0.066		mg/Kg		10/10/14 16:44	10/13/14 20:47	1
Hexachloroethane	ND		0.066		mg/Kg		10/10/14 16:44	10/13/14 20:47	1
Nitrobenzene	ND		0.066		mg/Kg		10/10/14 16:44	10/13/14 20:47	1
Isophorone	ND		0.066		mg/Kg		10/10/14 16:44	10/13/14 20:47	1
2-Nitrophenol	ND		0.066		mg/Kg		10/10/14 16:44	10/13/14 20:47	1
2,4-Dimethylphenol	ND		0.066		mg/Kg		10/10/14 16:44	10/13/14 20:47	1
Bis(2-chloroethoxy)methane	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 20:47	1
2,4-Dichlorophenol	ND		0.33		mg/Kg		10/10/14 16:44	10/13/14 20:47	1
1,2,4-Trichlorobenzene	ND		0.066		mg/Kg		10/10/14 16:44	10/13/14 20:47	1
Naphthalene	ND		0.066		mg/Kg		10/10/14 16:44	10/13/14 20:47	1
4-Chloroaniline	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 20:47	1
Hexachlorobutadiene	ND		0.066		mg/Kg		10/10/14 16:44	10/13/14 20:47	1
4-Chloro-3-methylphenol	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 20:47	1
2-Methylnaphthalene	ND		0.066		mg/Kg		10/10/14 16:44	10/13/14 20:47	1
Hexachlorocyclopentadiene	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 20:47	1
2,4,6-Trichlorophenol	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 20:47	1

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60446-1

Client Sample ID: PLSB-4-10.5

Lab Sample ID: 720-60446-1

Date Collected: 10/07/14 16:54

Matrix: Solid

Date Received: 10/08/14 18:45

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		0.066		mg/Kg		10/10/14 16:44	10/13/14 20:47	1
2-Chloronaphthalene	ND		0.066		mg/Kg		10/10/14 16:44	10/13/14 20:47	1
2-Nitroaniline	ND		0.33		mg/Kg		10/10/14 16:44	10/13/14 20:47	1
Dimethyl phthalate	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 20:47	1
Acenaphthylene	ND		0.066		mg/Kg		10/10/14 16:44	10/13/14 20:47	1
3-Nitroaniline	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 20:47	1
Acenaphthene	ND		0.066		mg/Kg		10/10/14 16:44	10/13/14 20:47	1
2,4-Dinitrophenol	ND		0.65		mg/Kg		10/10/14 16:44	10/13/14 20:47	1
4-Nitrophenol	ND		0.33		mg/Kg		10/10/14 16:44	10/13/14 20:47	1
Dibenzofuran	ND		0.066		mg/Kg		10/10/14 16:44	10/13/14 20:47	1
2,4-Dinitrotoluene	ND		0.066		mg/Kg		10/10/14 16:44	10/13/14 20:47	1
2,6-Dinitrotoluene	ND		0.066		mg/Kg		10/10/14 16:44	10/13/14 20:47	1
Diethyl phthalate	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 20:47	1
4-Chlorophenyl phenyl ether	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 20:47	1
Fluorene	ND		0.066		mg/Kg		10/10/14 16:44	10/13/14 20:47	1
4-Nitroaniline	ND		0.33		mg/Kg		10/10/14 16:44	10/13/14 20:47	1
2-Methyl-4,6-dinitrophenol	ND		0.33		mg/Kg		10/10/14 16:44	10/13/14 20:47	1
N-Nitrosodiphenylamine	ND		0.066		mg/Kg		10/10/14 16:44	10/13/14 20:47	1
4-Bromophenyl phenyl ether	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 20:47	1
Hexachlorobenzene	ND		0.066		mg/Kg		10/10/14 16:44	10/13/14 20:47	1
Pentachlorophenol	ND		0.33		mg/Kg		10/10/14 16:44	10/13/14 20:47	1
Phenanthrene	ND		0.066		mg/Kg		10/10/14 16:44	10/13/14 20:47	1
Anthracene	ND		0.066		mg/Kg		10/10/14 16:44	10/13/14 20:47	1
Di-n-butyl phthalate	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 20:47	1
Fluoranthene	ND		0.066		mg/Kg		10/10/14 16:44	10/13/14 20:47	1
Pyrene	ND *		0.066		mg/Kg		10/10/14 16:44	10/13/14 20:47	1
Butyl benzyl phthalate	ND *		0.17		mg/Kg		10/10/14 16:44	10/13/14 20:47	1
3,3'-Dichlorobenzidine	ND *		0.17		mg/Kg		10/10/14 16:44	10/13/14 20:47	1
Benzo[a]anthracene	ND *		0.33		mg/Kg		10/10/14 16:44	10/13/14 20:47	1
Bis(2-ethylhexyl) phthalate	ND *		0.33		mg/Kg		10/10/14 16:44	10/13/14 20:47	1
Chrysene	ND *		0.066		mg/Kg		10/10/14 16:44	10/13/14 20:47	1
Di-n-octyl phthalate	ND *		0.17		mg/Kg		10/10/14 16:44	10/13/14 20:47	1
Benzo[b]fluoranthene	ND		0.066		mg/Kg		10/10/14 16:44	10/13/14 20:47	1
Benzo[a]pyrene	ND		0.066		mg/Kg		10/10/14 16:44	10/13/14 20:47	1
Benzo[k]fluoranthene	ND		0.066		mg/Kg		10/10/14 16:44	10/13/14 20:47	1
Indeno[1,2,3-cd]pyrene	ND		0.066		mg/Kg		10/10/14 16:44	10/13/14 20:47	1
Benzo[g,h,i]perylene	ND		0.066		mg/Kg		10/10/14 16:44	10/13/14 20:47	1
Benzoic acid	ND		0.33		mg/Kg		10/10/14 16:44	10/13/14 20:47	1
Azobenzene	ND		0.066		mg/Kg		10/10/14 16:44	10/13/14 20:47	1
Dibenz(a,h)anthracene	ND		0.066		mg/Kg		10/10/14 16:44	10/13/14 20:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	61		21 - 98	10/10/14 16:44	10/13/14 20:47	1
2-Fluorobiphenyl	66		30 - 112	10/10/14 16:44	10/13/14 20:47	1
Terphenyl-d14	77 *		32 - 117	10/10/14 16:44	10/13/14 20:47	1
2-Fluorophenol	36		28 - 98	10/10/14 16:44	10/13/14 20:47	1
Phenol-d5	44		23 - 101	10/10/14 16:44	10/13/14 20:47	1
2,4,6-Tribromophenol	39		37 - 114	10/10/14 16:44	10/13/14 20:47	1

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
 Project/Site: Philips San Jose

TestAmerica Job ID: 720-60446-1

Client Sample ID: PLSB-4-10.5

Lab Sample ID: 720-60446-1

Date Collected: 10/07/14 16:54

Matrix: Solid

Date Received: 10/08/14 18:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.6		mg/Kg		10/11/14 14:22	10/14/14 17:41	4
Arsenic	4.3		3.1		mg/Kg		10/11/14 14:22	10/14/14 17:41	4
Beryllium	0.43		0.31		mg/Kg		10/11/14 14:22	10/14/14 17:41	4
Cadmium	ND		0.39		mg/Kg		10/11/14 14:22	10/14/14 17:41	4
Chromium	84		1.6		mg/Kg		10/11/14 14:22	10/14/14 17:41	4
Copper	33		4.7		mg/Kg		10/11/14 14:22	10/14/14 17:41	4
Lead	7.5		1.6		mg/Kg		10/11/14 14:22	10/14/14 17:41	4
Nickel	120		1.6		mg/Kg		10/11/14 14:22	10/14/14 17:41	4
Selenium	ND		3.1		mg/Kg		10/11/14 14:22	10/14/14 17:41	4
Silver	ND		0.78		mg/Kg		10/11/14 14:22	10/14/14 17:41	4
Zinc	62		4.7		mg/Kg		10/11/14 14:22	10/14/14 17:41	4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.097		0.0083		mg/Kg		10/14/14 08:55	10/15/14 12:32	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.49		mg/Kg		10/10/14 13:00	10/11/14 12:57	1

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60446-1

Client Sample ID: PLSB-4-17

Lab Sample ID: 720-60446-2

Date Collected: 10/07/14 17:07

Matrix: Solid

Date Received: 10/08/14 18:45

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		4.0		ug/Kg		10/08/14 23:50	10/10/14 03:14	1
Acetone	ND		40		ug/Kg		10/08/14 23:50	10/10/14 03:14	1
Benzene	ND		4.0		ug/Kg		10/08/14 23:50	10/10/14 03:14	1
Dichlorobromomethane	ND		4.0		ug/Kg		10/08/14 23:50	10/10/14 03:14	1
Bromobenzene	ND		4.0		ug/Kg		10/08/14 23:50	10/10/14 03:14	1
Chlorobromomethane	ND		16		ug/Kg		10/08/14 23:50	10/10/14 03:14	1
Bromoform	ND		4.0		ug/Kg		10/08/14 23:50	10/10/14 03:14	1
Bromomethane	ND		8.0		ug/Kg		10/08/14 23:50	10/10/14 03:14	1
2-Butanone (MEK)	ND		40		ug/Kg		10/08/14 23:50	10/10/14 03:14	1
n-Butylbenzene	ND		4.0		ug/Kg		10/08/14 23:50	10/10/14 03:14	1
sec-Butylbenzene	ND		4.0		ug/Kg		10/08/14 23:50	10/10/14 03:14	1
tert-Butylbenzene	ND		4.0		ug/Kg		10/08/14 23:50	10/10/14 03:14	1
Carbon disulfide	ND		4.0		ug/Kg		10/08/14 23:50	10/10/14 03:14	1
Carbon tetrachloride	ND		4.0		ug/Kg		10/08/14 23:50	10/10/14 03:14	1
Chlorobenzene	ND		4.0		ug/Kg		10/08/14 23:50	10/10/14 03:14	1
Chloroethane	ND		8.0		ug/Kg		10/08/14 23:50	10/10/14 03:14	1
Chloroform	ND		4.0		ug/Kg		10/08/14 23:50	10/10/14 03:14	1
Chloromethane	ND		8.0		ug/Kg		10/08/14 23:50	10/10/14 03:14	1
2-Chlorotoluene	ND		4.0		ug/Kg		10/08/14 23:50	10/10/14 03:14	1
4-Chlorotoluene	ND		4.0		ug/Kg		10/08/14 23:50	10/10/14 03:14	1
Chlorodibromomethane	ND		4.0		ug/Kg		10/08/14 23:50	10/10/14 03:14	1
1,2-Dichlorobenzene	ND		4.0		ug/Kg		10/08/14 23:50	10/10/14 03:14	1
1,3-Dichlorobenzene	ND		4.0		ug/Kg		10/08/14 23:50	10/10/14 03:14	1
1,4-Dichlorobenzene	ND		4.0		ug/Kg		10/08/14 23:50	10/10/14 03:14	1
1,3-Dichloropropane	ND		4.0		ug/Kg		10/08/14 23:50	10/10/14 03:14	1
1,1-Dichloropropene	ND		4.0		ug/Kg		10/08/14 23:50	10/10/14 03:14	1
1,2-Dibromo-3-Chloropropane	ND		8.0		ug/Kg		10/08/14 23:50	10/10/14 03:14	1
Ethylene Dibromide	ND		4.0		ug/Kg		10/08/14 23:50	10/10/14 03:14	1
Dibromomethane	ND		8.0		ug/Kg		10/08/14 23:50	10/10/14 03:14	1
Dichlorodifluoromethane	ND		8.0		ug/Kg		10/08/14 23:50	10/10/14 03:14	1
1,1-Dichloroethane	ND		4.0		ug/Kg		10/08/14 23:50	10/10/14 03:14	1
1,2-Dichloroethane	ND		4.0		ug/Kg		10/08/14 23:50	10/10/14 03:14	1
1,1-Dichloroethene	ND		4.0		ug/Kg		10/08/14 23:50	10/10/14 03:14	1
cis-1,2-Dichloroethene	ND		4.0		ug/Kg		10/08/14 23:50	10/10/14 03:14	1
trans-1,2-Dichloroethene	ND		4.0		ug/Kg		10/08/14 23:50	10/10/14 03:14	1
1,2-Dichloropropane	ND		4.0		ug/Kg		10/08/14 23:50	10/10/14 03:14	1
cis-1,3-Dichloropropene	ND		4.0		ug/Kg		10/08/14 23:50	10/10/14 03:14	1
trans-1,3-Dichloropropene	ND		4.0		ug/Kg		10/08/14 23:50	10/10/14 03:14	1
Ethylbenzene	ND		4.0		ug/Kg		10/08/14 23:50	10/10/14 03:14	1
Hexachlorobutadiene	ND		4.0		ug/Kg		10/08/14 23:50	10/10/14 03:14	1
2-Hexanone	ND		40		ug/Kg		10/08/14 23:50	10/10/14 03:14	1
Isopropylbenzene	ND		4.0		ug/Kg		10/08/14 23:50	10/10/14 03:14	1
4-Isopropyltoluene	ND		4.0		ug/Kg		10/08/14 23:50	10/10/14 03:14	1
Methylene Chloride	ND		8.0		ug/Kg		10/08/14 23:50	10/10/14 03:14	1
4-Methyl-2-pentanone (MIBK)	ND		40		ug/Kg		10/08/14 23:50	10/10/14 03:14	1
Naphthalene	ND		8.0		ug/Kg		10/08/14 23:50	10/10/14 03:14	1
N-Propylbenzene	ND		4.0		ug/Kg		10/08/14 23:50	10/10/14 03:14	1
Styrene	ND		4.0		ug/Kg		10/08/14 23:50	10/10/14 03:14	1
1,1,1,2-Tetrachloroethane	ND		4.0		ug/Kg		10/08/14 23:50	10/10/14 03:14	1

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60446-1

Client Sample ID: PLSB-4-17

Lab Sample ID: 720-60446-2

Date Collected: 10/07/14 17:07

Matrix: Solid

Date Received: 10/08/14 18:45

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		4.0		ug/Kg		10/08/14 23:50	10/10/14 03:14	1
Tetrachloroethene	ND		4.0		ug/Kg		10/08/14 23:50	10/10/14 03:14	1
Toluene	ND		4.0		ug/Kg		10/08/14 23:50	10/10/14 03:14	1
1,2,3-Trichlorobenzene	ND		4.0		ug/Kg		10/08/14 23:50	10/10/14 03:14	1
1,2,4-Trichlorobenzene	ND		4.0		ug/Kg		10/08/14 23:50	10/10/14 03:14	1
1,1,1-Trichloroethane	ND		4.0		ug/Kg		10/08/14 23:50	10/10/14 03:14	1
1,1,2-Trichloroethane	ND		4.0		ug/Kg		10/08/14 23:50	10/10/14 03:14	1
Trichloroethene	ND		4.0		ug/Kg		10/08/14 23:50	10/10/14 03:14	1
Trichlorofluoromethane	ND		4.0		ug/Kg		10/08/14 23:50	10/10/14 03:14	1
1,2,3-Trichloropropane	ND		4.0		ug/Kg		10/08/14 23:50	10/10/14 03:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.0		ug/Kg		10/08/14 23:50	10/10/14 03:14	1
1,2,4-Trimethylbenzene	ND		4.0		ug/Kg		10/08/14 23:50	10/10/14 03:14	1
1,3,5-Trimethylbenzene	ND		4.0		ug/Kg		10/08/14 23:50	10/10/14 03:14	1
Vinyl acetate	ND		16		ug/Kg		10/08/14 23:50	10/10/14 03:14	1
Vinyl chloride	ND		4.0		ug/Kg		10/08/14 23:50	10/10/14 03:14	1
Xylenes, Total	ND		8.0		ug/Kg		10/08/14 23:50	10/10/14 03:14	1
2,2-Dichloropropane	ND		4.0		ug/Kg		10/08/14 23:50	10/10/14 03:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	95		45 - 131	10/08/14 23:50	10/10/14 03:14	1
1,2-Dichloroethane-d4 (Surr)	90		60 - 140	10/08/14 23:50	10/10/14 03:14	1
Toluene-d8 (Surr)	87		58 - 140	10/08/14 23:50	10/10/14 03:14	1

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:11	1
Bis(2-chloroethyl)ether	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:11	1
2-Chlorophenol	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:11	1
1,3-Dichlorobenzene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:11	1
1,4-Dichlorobenzene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:11	1
Benzyl alcohol	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 21:11	1
1,2-Dichlorobenzene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:11	1
2-Methylphenol	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:11	1
Methylphenol, 3 & 4	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:11	1
N-Nitrosodi-n-propylamine	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:11	1
Hexachloroethane	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:11	1
Nitrobenzene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:11	1
Isophorone	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:11	1
2-Nitrophenol	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:11	1
2,4-Dimethylphenol	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:11	1
Bis(2-chloroethoxy)methane	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 21:11	1
2,4-Dichlorophenol	ND		0.33		mg/Kg		10/10/14 16:44	10/13/14 21:11	1
1,2,4-Trichlorobenzene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:11	1
Naphthalene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:11	1
4-Chloroaniline	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 21:11	1
Hexachlorobutadiene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:11	1
4-Chloro-3-methylphenol	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 21:11	1
2-Methylnaphthalene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:11	1
Hexachlorocyclopentadiene	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 21:11	1
2,4,6-Trichlorophenol	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 21:11	1

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60446-1

Client Sample ID: PLSB-4-17

Lab Sample ID: 720-60446-2

Date Collected: 10/07/14 17:07

Matrix: Solid

Date Received: 10/08/14 18:45

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:11	1
2-Chloronaphthalene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:11	1
2-Nitroaniline	ND		0.33		mg/Kg		10/10/14 16:44	10/13/14 21:11	1
Dimethyl phthalate	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 21:11	1
Acenaphthylene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:11	1
3-Nitroaniline	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 21:11	1
Acenaphthene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:11	1
2,4-Dinitrophenol	ND		0.66		mg/Kg		10/10/14 16:44	10/13/14 21:11	1
4-Nitrophenol	ND		0.33		mg/Kg		10/10/14 16:44	10/13/14 21:11	1
Dibenzofuran	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:11	1
2,4-Dinitrotoluene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:11	1
2,6-Dinitrotoluene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:11	1
Diethyl phthalate	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 21:11	1
4-Chlorophenyl phenyl ether	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 21:11	1
Fluorene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:11	1
4-Nitroaniline	ND		0.33		mg/Kg		10/10/14 16:44	10/13/14 21:11	1
2-Methyl-4,6-dinitrophenol	ND		0.33		mg/Kg		10/10/14 16:44	10/13/14 21:11	1
N-Nitrosodiphenylamine	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:11	1
4-Bromophenyl phenyl ether	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 21:11	1
Hexachlorobenzene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:11	1
Pentachlorophenol	ND		0.33		mg/Kg		10/10/14 16:44	10/13/14 21:11	1
Phenanthrene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:11	1
Anthracene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:11	1
Di-n-butyl phthalate	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 21:11	1
Fluoranthene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:11	1
Pyrene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:11	1
Butyl benzyl phthalate	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 21:11	1
3,3'-Dichlorobenzidine	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 21:11	1
Benzo[a]anthracene	ND		0.33		mg/Kg		10/10/14 16:44	10/13/14 21:11	1
Bis(2-ethylhexyl) phthalate	ND		0.33		mg/Kg		10/10/14 16:44	10/13/14 21:11	1
Chrysene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:11	1
Di-n-octyl phthalate	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 21:11	1
Benzo[b]fluoranthene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:11	1
Benzo[a]pyrene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:11	1
Benzo[k]fluoranthene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:11	1
Indeno[1,2,3-cd]pyrene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:11	1
Benzo[g,h,i]perylene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:11	1
Benzoic acid	ND		0.33		mg/Kg		10/10/14 16:44	10/13/14 21:11	1
Azobenzene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:11	1
Dibenz(a,h)anthracene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	80		21 - 98	10/10/14 16:44	10/13/14 21:11	1
2-Fluorobiphenyl	76		30 - 112	10/10/14 16:44	10/13/14 21:11	1
Terphenyl-d14	68		32 - 117	10/10/14 16:44	10/13/14 21:11	1
2-Fluorophenol	58		28 - 98	10/10/14 16:44	10/13/14 21:11	1
Phenol-d5	51		23 - 101	10/10/14 16:44	10/13/14 21:11	1
2,4,6-Tribromophenol	83		37 - 114	10/10/14 16:44	10/13/14 21:11	1

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
 Project/Site: Philips San Jose

TestAmerica Job ID: 720-60446-1

Client Sample ID: PLSB-4-17

Lab Sample ID: 720-60446-2

Date Collected: 10/07/14 17:07

Matrix: Solid

Date Received: 10/08/14 18:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.52		0.48		mg/Kg		10/11/14 15:13	10/15/14 13:10	1
Arsenic	3.2		0.96		mg/Kg		10/11/14 15:13	10/15/14 13:10	1
Beryllium	0.20		0.096		mg/Kg		10/11/14 15:13	10/15/14 13:10	1
Cadmium	0.16		0.12		mg/Kg		10/11/14 15:13	10/15/14 13:10	1
Chromium	36		0.48		mg/Kg		10/11/14 15:13	10/15/14 13:10	1
Copper	20		1.4		mg/Kg		10/11/14 15:13	10/15/14 13:10	1
Lead	3.8		0.48		mg/Kg		10/11/14 15:13	10/15/14 13:10	1
Nickel	41		0.48		mg/Kg		10/11/14 15:13	10/15/14 13:10	1
Selenium	ND		0.96		mg/Kg		10/11/14 15:13	10/15/14 13:10	1
Silver	ND		0.24		mg/Kg		10/11/14 15:13	10/15/14 13:10	1
Zinc	35		1.4		mg/Kg		10/11/14 15:13	10/15/14 13:10	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.037		0.0088		mg/Kg		10/14/14 08:55	10/15/14 12:35	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.43		mg/Kg		10/10/14 13:00	10/11/14 12:58	1

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60446-1

Client Sample ID: PLSB-6-10

Lab Sample ID: 720-60446-3

Date Collected: 10/08/14 08:49

Matrix: Solid

Date Received: 10/08/14 18:45

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 03:43	1
Acetone	ND		36		ug/Kg		10/08/14 23:50	10/10/14 03:43	1
Benzene	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 03:43	1
Dichlorobromomethane	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 03:43	1
Bromobenzene	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 03:43	1
Chlorobromomethane	ND		14		ug/Kg		10/08/14 23:50	10/10/14 03:43	1
Bromoform	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 03:43	1
Bromomethane	ND		7.2		ug/Kg		10/08/14 23:50	10/10/14 03:43	1
2-Butanone (MEK)	ND		36		ug/Kg		10/08/14 23:50	10/10/14 03:43	1
n-Butylbenzene	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 03:43	1
sec-Butylbenzene	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 03:43	1
tert-Butylbenzene	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 03:43	1
Carbon disulfide	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 03:43	1
Carbon tetrachloride	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 03:43	1
Chlorobenzene	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 03:43	1
Chloroethane	ND		7.2		ug/Kg		10/08/14 23:50	10/10/14 03:43	1
Chloroform	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 03:43	1
Chloromethane	ND		7.2		ug/Kg		10/08/14 23:50	10/10/14 03:43	1
2-Chlorotoluene	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 03:43	1
4-Chlorotoluene	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 03:43	1
Chlorodibromomethane	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 03:43	1
1,2-Dichlorobenzene	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 03:43	1
1,3-Dichlorobenzene	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 03:43	1
1,4-Dichlorobenzene	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 03:43	1
1,3-Dichloropropane	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 03:43	1
1,1-Dichloropropene	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 03:43	1
1,2-Dibromo-3-Chloropropane	ND		7.2		ug/Kg		10/08/14 23:50	10/10/14 03:43	1
Ethylene Dibromide	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 03:43	1
Dibromomethane	ND		7.2		ug/Kg		10/08/14 23:50	10/10/14 03:43	1
Dichlorodifluoromethane	ND		7.2		ug/Kg		10/08/14 23:50	10/10/14 03:43	1
1,1-Dichloroethane	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 03:43	1
1,2-Dichloroethane	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 03:43	1
1,1-Dichloroethene	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 03:43	1
cis-1,2-Dichloroethene	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 03:43	1
trans-1,2-Dichloroethene	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 03:43	1
1,2-Dichloropropane	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 03:43	1
cis-1,3-Dichloropropene	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 03:43	1
trans-1,3-Dichloropropene	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 03:43	1
Ethylbenzene	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 03:43	1
Hexachlorobutadiene	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 03:43	1
2-Hexanone	ND		36		ug/Kg		10/08/14 23:50	10/10/14 03:43	1
Isopropylbenzene	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 03:43	1
4-Isopropyltoluene	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 03:43	1
Methylene Chloride	ND		7.2		ug/Kg		10/08/14 23:50	10/10/14 03:43	1
4-Methyl-2-pentanone (MIBK)	ND		36		ug/Kg		10/08/14 23:50	10/10/14 03:43	1
Naphthalene	ND		7.2		ug/Kg		10/08/14 23:50	10/10/14 03:43	1
N-Propylbenzene	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 03:43	1
Styrene	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 03:43	1
1,1,1,2-Tetrachloroethane	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 03:43	1

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60446-1

Client Sample ID: PLSB-6-10

Lab Sample ID: 720-60446-3

Date Collected: 10/08/14 08:49

Matrix: Solid

Date Received: 10/08/14 18:45

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 03:43	1
Tetrachloroethene	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 03:43	1
Toluene	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 03:43	1
1,2,3-Trichlorobenzene	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 03:43	1
1,2,4-Trichlorobenzene	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 03:43	1
1,1,1-Trichloroethane	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 03:43	1
1,1,2-Trichloroethane	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 03:43	1
Trichloroethene	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 03:43	1
Trichlorofluoromethane	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 03:43	1
1,2,3-Trichloropropane	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 03:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 03:43	1
1,2,4-Trimethylbenzene	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 03:43	1
1,3,5-Trimethylbenzene	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 03:43	1
Vinyl acetate	ND		14		ug/Kg		10/08/14 23:50	10/10/14 03:43	1
Vinyl chloride	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 03:43	1
Xylenes, Total	ND		7.2		ug/Kg		10/08/14 23:50	10/10/14 03:43	1
2,2-Dichloropropane	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 03:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	98		45 - 131	10/08/14 23:50	10/10/14 03:43	1
1,2-Dichloroethane-d4 (Surr)	91		60 - 140	10/08/14 23:50	10/10/14 03:43	1
Toluene-d8 (Surr)	88		58 - 140	10/08/14 23:50	10/10/14 03:43	1

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:35	1
Bis(2-chloroethyl)ether	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:35	1
2-Chlorophenol	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:35	1
1,3-Dichlorobenzene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:35	1
1,4-Dichlorobenzene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:35	1
Benzyl alcohol	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 21:35	1
1,2-Dichlorobenzene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:35	1
2-Methylphenol	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:35	1
Methylphenol, 3 & 4	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:35	1
N-Nitrosodi-n-propylamine	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:35	1
Hexachloroethane	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:35	1
Nitrobenzene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:35	1
Isophorone	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:35	1
2-Nitrophenol	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:35	1
2,4-Dimethylphenol	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:35	1
Bis(2-chloroethoxy)methane	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 21:35	1
2,4-Dichlorophenol	ND		0.33		mg/Kg		10/10/14 16:44	10/13/14 21:35	1
1,2,4-Trichlorobenzene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:35	1
Naphthalene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:35	1
4-Chloroaniline	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 21:35	1
Hexachlorobutadiene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:35	1
4-Chloro-3-methylphenol	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 21:35	1
2-Methylnaphthalene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:35	1
Hexachlorocyclopentadiene	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 21:35	1
2,4,6-Trichlorophenol	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 21:35	1

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60446-1

Client Sample ID: PLSB-6-10

Lab Sample ID: 720-60446-3

Date Collected: 10/08/14 08:49

Matrix: Solid

Date Received: 10/08/14 18:45

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:35	1
2-Chloronaphthalene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:35	1
2-Nitroaniline	ND		0.33		mg/Kg		10/10/14 16:44	10/13/14 21:35	1
Dimethyl phthalate	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 21:35	1
Acenaphthylene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:35	1
3-Nitroaniline	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 21:35	1
Acenaphthene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:35	1
2,4-Dinitrophenol	ND		0.66		mg/Kg		10/10/14 16:44	10/13/14 21:35	1
4-Nitrophenol	ND		0.33		mg/Kg		10/10/14 16:44	10/13/14 21:35	1
Dibenzofuran	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:35	1
2,4-Dinitrotoluene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:35	1
2,6-Dinitrotoluene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:35	1
Diethyl phthalate	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 21:35	1
4-Chlorophenyl phenyl ether	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 21:35	1
Fluorene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:35	1
4-Nitroaniline	ND		0.33		mg/Kg		10/10/14 16:44	10/13/14 21:35	1
2-Methyl-4,6-dinitrophenol	ND		0.33		mg/Kg		10/10/14 16:44	10/13/14 21:35	1
N-Nitrosodiphenylamine	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:35	1
4-Bromophenyl phenyl ether	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 21:35	1
Hexachlorobenzene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:35	1
Pentachlorophenol	ND		0.33		mg/Kg		10/10/14 16:44	10/13/14 21:35	1
Phenanthrene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:35	1
Anthracene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:35	1
Di-n-butyl phthalate	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 21:35	1
Fluoranthene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:35	1
Pyrene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:35	1
Butyl benzyl phthalate	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 21:35	1
3,3'-Dichlorobenzidine	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 21:35	1
Benzo[a]anthracene	ND		0.33		mg/Kg		10/10/14 16:44	10/13/14 21:35	1
Bis(2-ethylhexyl) phthalate	ND		0.33		mg/Kg		10/10/14 16:44	10/13/14 21:35	1
Chrysene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:35	1
Di-n-octyl phthalate	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 21:35	1
Benzo[b]fluoranthene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:35	1
Benzo[a]pyrene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:35	1
Benzo[k]fluoranthene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:35	1
Indeno[1,2,3-cd]pyrene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:35	1
Benzo[g,h,i]perylene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:35	1
Benzoic acid	ND		0.33		mg/Kg		10/10/14 16:44	10/13/14 21:35	1
Azobenzene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:35	1
Dibenz(a,h)anthracene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	84		21 - 98	10/10/14 16:44	10/13/14 21:35	1
2-Fluorobiphenyl	68		30 - 112	10/10/14 16:44	10/13/14 21:35	1
Terphenyl-d14	86		32 - 117	10/10/14 16:44	10/13/14 21:35	1
2-Fluorophenol	68		28 - 98	10/10/14 16:44	10/13/14 21:35	1
Phenol-d5	55		23 - 101	10/10/14 16:44	10/13/14 21:35	1
2,4,6-Tribromophenol	90		37 - 114	10/10/14 16:44	10/13/14 21:35	1

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
 Project/Site: Philips San Jose

TestAmerica Job ID: 720-60446-1

Client Sample ID: PLSB-6-10

Lab Sample ID: 720-60446-3

Date Collected: 10/08/14 08:49

Matrix: Solid

Date Received: 10/08/14 18:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.44		mg/Kg		10/11/14 15:13	10/15/14 13:14	1
Arsenic	2.3		0.88		mg/Kg		10/11/14 15:13	10/15/14 13:14	1
Beryllium	0.39		0.088		mg/Kg		10/11/14 15:13	10/15/14 13:14	1
Cadmium	0.13		0.11		mg/Kg		10/11/14 15:13	10/15/14 13:14	1
Chromium	34		0.44		mg/Kg		10/11/14 15:13	10/15/14 13:14	1
Copper	18		1.3		mg/Kg		10/11/14 15:13	10/15/14 13:14	1
Lead	4.1		0.44		mg/Kg		10/11/14 15:13	10/15/14 13:14	1
Nickel	43		0.44		mg/Kg		10/11/14 15:13	10/15/14 13:14	1
Selenium	ND		0.88		mg/Kg		10/11/14 15:13	10/15/14 13:14	1
Silver	ND		0.22		mg/Kg		10/11/14 15:13	10/15/14 13:14	1
Zinc	36		1.3		mg/Kg		10/11/14 15:13	10/15/14 13:14	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.22		0.0094		mg/Kg		10/14/14 08:55	10/15/14 12:37	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.48		mg/Kg		10/10/14 13:00	10/11/14 12:58	1

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60446-1

Client Sample ID: PLSB-6-15

Lab Sample ID: 720-60446-4

Date Collected: 10/08/14 08:56

Matrix: Solid

Date Received: 10/08/14 18:45

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 04:14	1
Acetone	ND		36		ug/Kg		10/08/14 23:50	10/10/14 04:14	1
Benzene	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 04:14	1
Dichlorobromomethane	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 04:14	1
Bromobenzene	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 04:14	1
Chlorobromomethane	ND		15		ug/Kg		10/08/14 23:50	10/10/14 04:14	1
Bromoform	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 04:14	1
Bromomethane	ND		7.3		ug/Kg		10/08/14 23:50	10/10/14 04:14	1
2-Butanone (MEK)	ND		36		ug/Kg		10/08/14 23:50	10/10/14 04:14	1
n-Butylbenzene	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 04:14	1
sec-Butylbenzene	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 04:14	1
tert-Butylbenzene	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 04:14	1
Carbon disulfide	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 04:14	1
Carbon tetrachloride	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 04:14	1
Chlorobenzene	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 04:14	1
Chloroethane	ND		7.3		ug/Kg		10/08/14 23:50	10/10/14 04:14	1
Chloroform	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 04:14	1
Chloromethane	ND		7.3		ug/Kg		10/08/14 23:50	10/10/14 04:14	1
2-Chlorotoluene	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 04:14	1
4-Chlorotoluene	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 04:14	1
Chlorodibromomethane	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 04:14	1
1,2-Dichlorobenzene	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 04:14	1
1,3-Dichlorobenzene	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 04:14	1
1,4-Dichlorobenzene	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 04:14	1
1,3-Dichloropropane	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 04:14	1
1,1-Dichloropropene	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 04:14	1
1,2-Dibromo-3-Chloropropane	ND		7.3		ug/Kg		10/08/14 23:50	10/10/14 04:14	1
Ethylene Dibromide	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 04:14	1
Dibromomethane	ND		7.3		ug/Kg		10/08/14 23:50	10/10/14 04:14	1
Dichlorodifluoromethane	ND		7.3		ug/Kg		10/08/14 23:50	10/10/14 04:14	1
1,1-Dichloroethane	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 04:14	1
1,2-Dichloroethane	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 04:14	1
1,1-Dichloroethene	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 04:14	1
cis-1,2-Dichloroethene	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 04:14	1
trans-1,2-Dichloroethene	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 04:14	1
1,2-Dichloropropane	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 04:14	1
cis-1,3-Dichloropropene	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 04:14	1
trans-1,3-Dichloropropene	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 04:14	1
Ethylbenzene	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 04:14	1
Hexachlorobutadiene	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 04:14	1
2-Hexanone	ND		36		ug/Kg		10/08/14 23:50	10/10/14 04:14	1
Isopropylbenzene	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 04:14	1
4-Isopropyltoluene	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 04:14	1
Methylene Chloride	ND		7.3		ug/Kg		10/08/14 23:50	10/10/14 04:14	1
4-Methyl-2-pentanone (MIBK)	ND		36		ug/Kg		10/08/14 23:50	10/10/14 04:14	1
Naphthalene	ND		7.3		ug/Kg		10/08/14 23:50	10/10/14 04:14	1
N-Propylbenzene	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 04:14	1
Styrene	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 04:14	1
1,1,1,2-Tetrachloroethane	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 04:14	1

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60446-1

Client Sample ID: PLSB-6-15

Lab Sample ID: 720-60446-4

Date Collected: 10/08/14 08:56

Matrix: Solid

Date Received: 10/08/14 18:45

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 04:14	1
Tetrachloroethene	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 04:14	1
Toluene	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 04:14	1
1,2,3-Trichlorobenzene	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 04:14	1
1,2,4-Trichlorobenzene	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 04:14	1
1,1,1-Trichloroethane	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 04:14	1
1,1,2-Trichloroethane	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 04:14	1
Trichloroethene	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 04:14	1
Trichlorofluoromethane	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 04:14	1
1,2,3-Trichloropropane	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 04:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 04:14	1
1,2,4-Trimethylbenzene	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 04:14	1
1,3,5-Trimethylbenzene	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 04:14	1
Vinyl acetate	ND		15		ug/Kg		10/08/14 23:50	10/10/14 04:14	1
Vinyl chloride	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 04:14	1
Xylenes, Total	ND		7.3		ug/Kg		10/08/14 23:50	10/10/14 04:14	1
2,2-Dichloropropane	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 04:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	90		45 - 131	10/08/14 23:50	10/10/14 04:14	1
1,2-Dichloroethane-d4 (Surr)	92		60 - 140	10/08/14 23:50	10/10/14 04:14	1
Toluene-d8 (Surr)	86		58 - 140	10/08/14 23:50	10/10/14 04:14	1

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:59	1
Bis(2-chloroethyl)ether	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:59	1
2-Chlorophenol	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:59	1
1,3-Dichlorobenzene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:59	1
1,4-Dichlorobenzene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:59	1
Benzyl alcohol	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 21:59	1
1,2-Dichlorobenzene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:59	1
2-Methylphenol	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:59	1
Methylphenol, 3 & 4	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:59	1
N-Nitrosodi-n-propylamine	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:59	1
Hexachloroethane	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:59	1
Nitrobenzene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:59	1
Isophorone	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:59	1
2-Nitrophenol	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:59	1
2,4-Dimethylphenol	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:59	1
Bis(2-chloroethoxy)methane	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 21:59	1
2,4-Dichlorophenol	ND		0.33		mg/Kg		10/10/14 16:44	10/13/14 21:59	1
1,2,4-Trichlorobenzene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:59	1
Naphthalene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:59	1
4-Chloroaniline	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 21:59	1
Hexachlorobutadiene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:59	1
4-Chloro-3-methylphenol	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 21:59	1
2-Methylnaphthalene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:59	1
Hexachlorocyclopentadiene	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 21:59	1
2,4,6-Trichlorophenol	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 21:59	1

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60446-1

Client Sample ID: PLSB-6-15

Lab Sample ID: 720-60446-4

Date Collected: 10/08/14 08:56

Matrix: Solid

Date Received: 10/08/14 18:45

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:59	1
2-Chloronaphthalene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:59	1
2-Nitroaniline	ND		0.33		mg/Kg		10/10/14 16:44	10/13/14 21:59	1
Dimethyl phthalate	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 21:59	1
Acenaphthylene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:59	1
3-Nitroaniline	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 21:59	1
Acenaphthene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:59	1
2,4-Dinitrophenol	ND		0.66		mg/Kg		10/10/14 16:44	10/13/14 21:59	1
4-Nitrophenol	ND		0.33		mg/Kg		10/10/14 16:44	10/13/14 21:59	1
Dibenzofuran	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:59	1
2,4-Dinitrotoluene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:59	1
2,6-Dinitrotoluene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:59	1
Diethyl phthalate	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 21:59	1
4-Chlorophenyl phenyl ether	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 21:59	1
Fluorene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:59	1
4-Nitroaniline	ND		0.33		mg/Kg		10/10/14 16:44	10/13/14 21:59	1
2-Methyl-4,6-dinitrophenol	ND		0.33		mg/Kg		10/10/14 16:44	10/13/14 21:59	1
N-Nitrosodiphenylamine	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:59	1
4-Bromophenyl phenyl ether	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 21:59	1
Hexachlorobenzene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:59	1
Pentachlorophenol	ND		0.33		mg/Kg		10/10/14 16:44	10/13/14 21:59	1
Phenanthrene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:59	1
Anthracene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:59	1
Di-n-butyl phthalate	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 21:59	1
Fluoranthene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:59	1
Pyrene	ND *		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:59	1
Butyl benzyl phthalate	ND *		0.17		mg/Kg		10/10/14 16:44	10/13/14 21:59	1
3,3'-Dichlorobenzidine	ND *		0.17		mg/Kg		10/10/14 16:44	10/13/14 21:59	1
Benzo[a]anthracene	ND *		0.33		mg/Kg		10/10/14 16:44	10/13/14 21:59	1
Bis(2-ethylhexyl) phthalate	ND *		0.33		mg/Kg		10/10/14 16:44	10/13/14 21:59	1
Chrysene	ND *		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:59	1
Di-n-octyl phthalate	ND *		0.17		mg/Kg		10/10/14 16:44	10/13/14 21:59	1
Benzo[b]fluoranthene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:59	1
Benzo[a]pyrene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:59	1
Benzo[k]fluoranthene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:59	1
Indeno[1,2,3-cd]pyrene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:59	1
Benzo[g,h,i]perylene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:59	1
Benzoic acid	ND		0.33		mg/Kg		10/10/14 16:44	10/13/14 21:59	1
Azobenzene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:59	1
Dibenz(a,h)anthracene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 21:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	83		21 - 98	10/10/14 16:44	10/13/14 21:59	1
2-Fluorobiphenyl	81		30 - 112	10/10/14 16:44	10/13/14 21:59	1
Terphenyl-d14	76 *		32 - 117	10/10/14 16:44	10/13/14 21:59	1
2-Fluorophenol	63		28 - 98	10/10/14 16:44	10/13/14 21:59	1
Phenol-d5	51		23 - 101	10/10/14 16:44	10/13/14 21:59	1
2,4,6-Tribromophenol	79		37 - 114	10/10/14 16:44	10/13/14 21:59	1

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
 Project/Site: Philips San Jose

TestAmerica Job ID: 720-60446-1

Client Sample ID: PLSB-6-15

Lab Sample ID: 720-60446-4

Date Collected: 10/08/14 08:56

Matrix: Solid

Date Received: 10/08/14 18:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.43		mg/Kg		10/11/14 13:18	10/14/14 11:54	1
Arsenic	6.6		0.87		mg/Kg		10/11/14 13:18	10/14/14 11:54	1
Beryllium	0.38		0.087		mg/Kg		10/11/14 13:18	10/14/14 11:54	1
Cadmium	0.21		0.11		mg/Kg		10/11/14 13:18	10/14/14 11:54	1
Chromium	26		0.43		mg/Kg		10/11/14 13:18	10/14/14 11:54	1
Copper	20		1.3		mg/Kg		10/11/14 13:18	10/14/14 11:54	1
Lead	5.0		0.43		mg/Kg		10/11/14 13:18	10/14/14 11:54	1
Nickel	33		0.43		mg/Kg		10/11/14 13:18	10/14/14 11:54	1
Selenium	ND		0.87		mg/Kg		10/11/14 13:18	10/14/14 11:54	1
Silver	ND		0.22		mg/Kg		10/11/14 13:18	10/14/14 11:54	1
Zinc	41		1.3		mg/Kg		10/11/14 13:18	10/14/14 11:54	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.21		0.0094		mg/Kg		10/14/14 08:55	10/15/14 12:45	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.41		mg/Kg		10/10/14 13:00	10/11/14 12:58	1

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60446-1

Client Sample ID: PLSB-8-10

Lab Sample ID: 720-60446-5

Date Collected: 10/08/14 10:21

Matrix: Solid

Date Received: 10/08/14 18:45

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 04:43	1
Acetone	ND		36		ug/Kg		10/08/14 23:50	10/10/14 04:43	1
Benzene	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 04:43	1
Dichlorobromomethane	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 04:43	1
Bromobenzene	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 04:43	1
Chlorobromomethane	ND		15		ug/Kg		10/08/14 23:50	10/10/14 04:43	1
Bromoform	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 04:43	1
Bromomethane	ND		7.3		ug/Kg		10/08/14 23:50	10/10/14 04:43	1
2-Butanone (MEK)	ND		36		ug/Kg		10/08/14 23:50	10/10/14 04:43	1
n-Butylbenzene	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 04:43	1
sec-Butylbenzene	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 04:43	1
tert-Butylbenzene	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 04:43	1
Carbon disulfide	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 04:43	1
Carbon tetrachloride	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 04:43	1
Chlorobenzene	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 04:43	1
Chloroethane	ND		7.3		ug/Kg		10/08/14 23:50	10/10/14 04:43	1
Chloroform	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 04:43	1
Chloromethane	ND		7.3		ug/Kg		10/08/14 23:50	10/10/14 04:43	1
2-Chlorotoluene	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 04:43	1
4-Chlorotoluene	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 04:43	1
Chlorodibromomethane	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 04:43	1
1,2-Dichlorobenzene	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 04:43	1
1,3-Dichlorobenzene	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 04:43	1
1,4-Dichlorobenzene	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 04:43	1
1,3-Dichloropropane	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 04:43	1
1,1-Dichloropropene	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 04:43	1
1,2-Dibromo-3-Chloropropane	ND		7.3		ug/Kg		10/08/14 23:50	10/10/14 04:43	1
Ethylene Dibromide	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 04:43	1
Dibromomethane	ND		7.3		ug/Kg		10/08/14 23:50	10/10/14 04:43	1
Dichlorodifluoromethane	ND		7.3		ug/Kg		10/08/14 23:50	10/10/14 04:43	1
1,1-Dichloroethane	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 04:43	1
1,2-Dichloroethane	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 04:43	1
1,1-Dichloroethene	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 04:43	1
cis-1,2-Dichloroethene	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 04:43	1
trans-1,2-Dichloroethene	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 04:43	1
1,2-Dichloropropane	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 04:43	1
cis-1,3-Dichloropropene	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 04:43	1
trans-1,3-Dichloropropene	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 04:43	1
Ethylbenzene	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 04:43	1
Hexachlorobutadiene	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 04:43	1
2-Hexanone	ND		36		ug/Kg		10/08/14 23:50	10/10/14 04:43	1
Isopropylbenzene	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 04:43	1
4-Isopropyltoluene	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 04:43	1
Methylene Chloride	ND		7.3		ug/Kg		10/08/14 23:50	10/10/14 04:43	1
4-Methyl-2-pentanone (MIBK)	ND		36		ug/Kg		10/08/14 23:50	10/10/14 04:43	1
Naphthalene	ND		7.3		ug/Kg		10/08/14 23:50	10/10/14 04:43	1
N-Propylbenzene	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 04:43	1
Styrene	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 04:43	1
1,1,1,2-Tetrachloroethane	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 04:43	1

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60446-1

Client Sample ID: PLSB-8-10

Lab Sample ID: 720-60446-5

Date Collected: 10/08/14 10:21

Matrix: Solid

Date Received: 10/08/14 18:45

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 04:43	1
Tetrachloroethene	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 04:43	1
Toluene	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 04:43	1
1,2,3-Trichlorobenzene	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 04:43	1
1,2,4-Trichlorobenzene	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 04:43	1
1,1,1-Trichloroethane	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 04:43	1
1,1,2-Trichloroethane	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 04:43	1
Trichloroethene	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 04:43	1
Trichlorofluoromethane	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 04:43	1
1,2,3-Trichloropropane	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 04:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 04:43	1
1,2,4-Trimethylbenzene	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 04:43	1
1,3,5-Trimethylbenzene	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 04:43	1
Vinyl acetate	ND		15		ug/Kg		10/08/14 23:50	10/10/14 04:43	1
Vinyl chloride	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 04:43	1
Xylenes, Total	ND		7.3		ug/Kg		10/08/14 23:50	10/10/14 04:43	1
2,2-Dichloropropane	ND		3.6		ug/Kg		10/08/14 23:50	10/10/14 04:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	97		45 - 131	10/08/14 23:50	10/10/14 04:43	1
1,2-Dichloroethane-d4 (Surr)	93		60 - 140	10/08/14 23:50	10/10/14 04:43	1
Toluene-d8 (Surr)	87		58 - 140	10/08/14 23:50	10/10/14 04:43	1

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		0.066		mg/Kg		10/10/14 16:44	10/13/14 22:23	1
Bis(2-chloroethyl)ether	ND		0.066		mg/Kg		10/10/14 16:44	10/13/14 22:23	1
2-Chlorophenol	ND		0.066		mg/Kg		10/10/14 16:44	10/13/14 22:23	1
1,3-Dichlorobenzene	ND		0.066		mg/Kg		10/10/14 16:44	10/13/14 22:23	1
1,4-Dichlorobenzene	ND		0.066		mg/Kg		10/10/14 16:44	10/13/14 22:23	1
Benzyl alcohol	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 22:23	1
1,2-Dichlorobenzene	ND		0.066		mg/Kg		10/10/14 16:44	10/13/14 22:23	1
2-Methylphenol	ND		0.066		mg/Kg		10/10/14 16:44	10/13/14 22:23	1
Methylphenol, 3 & 4	ND		0.066		mg/Kg		10/10/14 16:44	10/13/14 22:23	1
N-Nitrosodi-n-propylamine	ND		0.066		mg/Kg		10/10/14 16:44	10/13/14 22:23	1
Hexachloroethane	ND		0.066		mg/Kg		10/10/14 16:44	10/13/14 22:23	1
Nitrobenzene	ND		0.066		mg/Kg		10/10/14 16:44	10/13/14 22:23	1
Isophorone	ND		0.066		mg/Kg		10/10/14 16:44	10/13/14 22:23	1
2-Nitrophenol	ND		0.066		mg/Kg		10/10/14 16:44	10/13/14 22:23	1
2,4-Dimethylphenol	ND		0.066		mg/Kg		10/10/14 16:44	10/13/14 22:23	1
Bis(2-chloroethoxy)methane	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 22:23	1
2,4-Dichlorophenol	ND		0.33		mg/Kg		10/10/14 16:44	10/13/14 22:23	1
1,2,4-Trichlorobenzene	ND		0.066		mg/Kg		10/10/14 16:44	10/13/14 22:23	1
Naphthalene	ND		0.066		mg/Kg		10/10/14 16:44	10/13/14 22:23	1
4-Chloroaniline	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 22:23	1
Hexachlorobutadiene	ND		0.066		mg/Kg		10/10/14 16:44	10/13/14 22:23	1
4-Chloro-3-methylphenol	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 22:23	1
2-Methylnaphthalene	ND		0.066		mg/Kg		10/10/14 16:44	10/13/14 22:23	1
Hexachlorocyclopentadiene	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 22:23	1
2,4,6-Trichlorophenol	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 22:23	1

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60446-1

Client Sample ID: PLSB-8-10

Lab Sample ID: 720-60446-5

Date Collected: 10/08/14 10:21

Matrix: Solid

Date Received: 10/08/14 18:45

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		0.066		mg/Kg		10/10/14 16:44	10/13/14 22:23	1
2-Chloronaphthalene	ND		0.066		mg/Kg		10/10/14 16:44	10/13/14 22:23	1
2-Nitroaniline	ND		0.33		mg/Kg		10/10/14 16:44	10/13/14 22:23	1
Dimethyl phthalate	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 22:23	1
Acenaphthylene	ND		0.066		mg/Kg		10/10/14 16:44	10/13/14 22:23	1
3-Nitroaniline	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 22:23	1
Acenaphthene	ND		0.066		mg/Kg		10/10/14 16:44	10/13/14 22:23	1
2,4-Dinitrophenol	ND		0.65		mg/Kg		10/10/14 16:44	10/13/14 22:23	1
4-Nitrophenol	ND		0.33		mg/Kg		10/10/14 16:44	10/13/14 22:23	1
Dibenzofuran	ND		0.066		mg/Kg		10/10/14 16:44	10/13/14 22:23	1
2,4-Dinitrotoluene	ND		0.066		mg/Kg		10/10/14 16:44	10/13/14 22:23	1
2,6-Dinitrotoluene	ND		0.066		mg/Kg		10/10/14 16:44	10/13/14 22:23	1
Diethyl phthalate	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 22:23	1
4-Chlorophenyl phenyl ether	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 22:23	1
Fluorene	ND		0.066		mg/Kg		10/10/14 16:44	10/13/14 22:23	1
4-Nitroaniline	ND		0.33		mg/Kg		10/10/14 16:44	10/13/14 22:23	1
2-Methyl-4,6-dinitrophenol	ND		0.33		mg/Kg		10/10/14 16:44	10/13/14 22:23	1
N-Nitrosodiphenylamine	ND		0.066		mg/Kg		10/10/14 16:44	10/13/14 22:23	1
4-Bromophenyl phenyl ether	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 22:23	1
Hexachlorobenzene	ND		0.066		mg/Kg		10/10/14 16:44	10/13/14 22:23	1
Pentachlorophenol	ND		0.33		mg/Kg		10/10/14 16:44	10/13/14 22:23	1
Phenanthrene	ND		0.066		mg/Kg		10/10/14 16:44	10/13/14 22:23	1
Anthracene	ND		0.066		mg/Kg		10/10/14 16:44	10/13/14 22:23	1
Di-n-butyl phthalate	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 22:23	1
Fluoranthene	ND		0.066		mg/Kg		10/10/14 16:44	10/13/14 22:23	1
Pyrene	ND *		0.066		mg/Kg		10/10/14 16:44	10/13/14 22:23	1
Butyl benzyl phthalate	ND *		0.17		mg/Kg		10/10/14 16:44	10/13/14 22:23	1
3,3'-Dichlorobenzidine	ND *		0.17		mg/Kg		10/10/14 16:44	10/13/14 22:23	1
Benzo[a]anthracene	ND *		0.33		mg/Kg		10/10/14 16:44	10/13/14 22:23	1
Bis(2-ethylhexyl) phthalate	ND *		0.33		mg/Kg		10/10/14 16:44	10/13/14 22:23	1
Chrysene	ND *		0.066		mg/Kg		10/10/14 16:44	10/13/14 22:23	1
Di-n-octyl phthalate	ND *		0.17		mg/Kg		10/10/14 16:44	10/13/14 22:23	1
Benzo[b]fluoranthene	ND		0.066		mg/Kg		10/10/14 16:44	10/13/14 22:23	1
Benzo[a]pyrene	ND		0.066		mg/Kg		10/10/14 16:44	10/13/14 22:23	1
Benzo[k]fluoranthene	ND		0.066		mg/Kg		10/10/14 16:44	10/13/14 22:23	1
Indeno[1,2,3-cd]pyrene	ND		0.066		mg/Kg		10/10/14 16:44	10/13/14 22:23	1
Benzo[g,h,i]perylene	ND		0.066		mg/Kg		10/10/14 16:44	10/13/14 22:23	1
Benzoic acid	ND		0.33		mg/Kg		10/10/14 16:44	10/13/14 22:23	1
Azobenzene	ND		0.066		mg/Kg		10/10/14 16:44	10/13/14 22:23	1
Dibenz(a,h)anthracene	ND		0.066		mg/Kg		10/10/14 16:44	10/13/14 22:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	77		21 - 98	10/10/14 16:44	10/13/14 22:23	1
2-Fluorobiphenyl	73		30 - 112	10/10/14 16:44	10/13/14 22:23	1
Terphenyl-d14	78 *		32 - 117	10/10/14 16:44	10/13/14 22:23	1
2-Fluorophenol	56		28 - 98	10/10/14 16:44	10/13/14 22:23	1
Phenol-d5	47		23 - 101	10/10/14 16:44	10/13/14 22:23	1
2,4,6-Tribromophenol	54		37 - 114	10/10/14 16:44	10/13/14 22:23	1

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
 Project/Site: Philips San Jose

TestAmerica Job ID: 720-60446-1

Client Sample ID: PLSB-8-10

Lab Sample ID: 720-60446-5

Date Collected: 10/08/14 10:21

Matrix: Solid

Date Received: 10/08/14 18:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.9		mg/Kg		10/11/14 13:18	10/14/14 02:21	4
Arsenic	ND		3.8		mg/Kg		10/11/14 13:18	10/14/14 02:21	4
Beryllium	ND		0.38		mg/Kg		10/11/14 13:18	10/14/14 02:21	4
Cadmium	ND		0.48		mg/Kg		10/11/14 13:18	10/14/14 02:21	4
Chromium	80		1.9		mg/Kg		10/11/14 13:18	10/14/14 02:21	4
Copper	36		5.7		mg/Kg		10/11/14 13:18	10/14/14 02:21	4
Lead	6.3		1.9		mg/Kg		10/11/14 13:18	10/14/14 02:21	4
Nickel	98		1.9		mg/Kg		10/11/14 13:18	10/14/14 02:21	4
Selenium	ND		3.8		mg/Kg		10/11/14 13:18	10/14/14 02:21	4
Silver	ND		0.95		mg/Kg		10/11/14 13:18	10/14/14 02:21	4
Zinc	52		5.7		mg/Kg		10/11/14 13:18	10/14/14 02:21	4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.092		0.0090		mg/Kg		10/14/14 08:55	10/15/14 12:48	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.47		mg/Kg		10/10/14 13:00	10/11/14 12:58	1

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60446-1

Client Sample ID: PLSB-8-15

Lab Sample ID: 720-60446-6

Date Collected: 10/08/14 10:25

Matrix: Solid

Date Received: 10/08/14 18:45

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		3.5		ug/Kg		10/08/14 23:50	10/10/14 05:13	1
Acetone	ND		35		ug/Kg		10/08/14 23:50	10/10/14 05:13	1
Benzene	ND		3.5		ug/Kg		10/08/14 23:50	10/10/14 05:13	1
Dichlorobromomethane	ND		3.5		ug/Kg		10/08/14 23:50	10/10/14 05:13	1
Bromobenzene	ND		3.5		ug/Kg		10/08/14 23:50	10/10/14 05:13	1
Chlorobromomethane	ND		14		ug/Kg		10/08/14 23:50	10/10/14 05:13	1
Bromoform	ND		3.5		ug/Kg		10/08/14 23:50	10/10/14 05:13	1
Bromomethane	ND		7.0		ug/Kg		10/08/14 23:50	10/10/14 05:13	1
2-Butanone (MEK)	ND		35		ug/Kg		10/08/14 23:50	10/10/14 05:13	1
n-Butylbenzene	ND		3.5		ug/Kg		10/08/14 23:50	10/10/14 05:13	1
sec-Butylbenzene	ND		3.5		ug/Kg		10/08/14 23:50	10/10/14 05:13	1
tert-Butylbenzene	ND		3.5		ug/Kg		10/08/14 23:50	10/10/14 05:13	1
Carbon disulfide	ND		3.5		ug/Kg		10/08/14 23:50	10/10/14 05:13	1
Carbon tetrachloride	ND		3.5		ug/Kg		10/08/14 23:50	10/10/14 05:13	1
Chlorobenzene	ND		3.5		ug/Kg		10/08/14 23:50	10/10/14 05:13	1
Chloroethane	ND		7.0		ug/Kg		10/08/14 23:50	10/10/14 05:13	1
Chloroform	ND		3.5		ug/Kg		10/08/14 23:50	10/10/14 05:13	1
Chloromethane	ND		7.0		ug/Kg		10/08/14 23:50	10/10/14 05:13	1
2-Chlorotoluene	ND		3.5		ug/Kg		10/08/14 23:50	10/10/14 05:13	1
4-Chlorotoluene	ND		3.5		ug/Kg		10/08/14 23:50	10/10/14 05:13	1
Chlorodibromomethane	ND		3.5		ug/Kg		10/08/14 23:50	10/10/14 05:13	1
1,2-Dichlorobenzene	ND		3.5		ug/Kg		10/08/14 23:50	10/10/14 05:13	1
1,3-Dichlorobenzene	ND		3.5		ug/Kg		10/08/14 23:50	10/10/14 05:13	1
1,4-Dichlorobenzene	ND		3.5		ug/Kg		10/08/14 23:50	10/10/14 05:13	1
1,3-Dichloropropane	ND		3.5		ug/Kg		10/08/14 23:50	10/10/14 05:13	1
1,1-Dichloropropene	ND		3.5		ug/Kg		10/08/14 23:50	10/10/14 05:13	1
1,2-Dibromo-3-Chloropropane	ND		7.0		ug/Kg		10/08/14 23:50	10/10/14 05:13	1
Ethylene Dibromide	ND		3.5		ug/Kg		10/08/14 23:50	10/10/14 05:13	1
Dibromomethane	ND		7.0		ug/Kg		10/08/14 23:50	10/10/14 05:13	1
Dichlorodifluoromethane	ND		7.0		ug/Kg		10/08/14 23:50	10/10/14 05:13	1
1,1-Dichloroethane	ND		3.5		ug/Kg		10/08/14 23:50	10/10/14 05:13	1
1,2-Dichloroethane	ND		3.5		ug/Kg		10/08/14 23:50	10/10/14 05:13	1
1,1-Dichloroethene	ND		3.5		ug/Kg		10/08/14 23:50	10/10/14 05:13	1
cis-1,2-Dichloroethene	ND		3.5		ug/Kg		10/08/14 23:50	10/10/14 05:13	1
trans-1,2-Dichloroethene	ND		3.5		ug/Kg		10/08/14 23:50	10/10/14 05:13	1
1,2-Dichloropropane	ND		3.5		ug/Kg		10/08/14 23:50	10/10/14 05:13	1
cis-1,3-Dichloropropene	ND		3.5		ug/Kg		10/08/14 23:50	10/10/14 05:13	1
trans-1,3-Dichloropropene	ND		3.5		ug/Kg		10/08/14 23:50	10/10/14 05:13	1
Ethylbenzene	ND		3.5		ug/Kg		10/08/14 23:50	10/10/14 05:13	1
Hexachlorobutadiene	ND		3.5		ug/Kg		10/08/14 23:50	10/10/14 05:13	1
2-Hexanone	ND		35		ug/Kg		10/08/14 23:50	10/10/14 05:13	1
Isopropylbenzene	ND		3.5		ug/Kg		10/08/14 23:50	10/10/14 05:13	1
4-Isopropyltoluene	ND		3.5		ug/Kg		10/08/14 23:50	10/10/14 05:13	1
Methylene Chloride	ND		7.0		ug/Kg		10/08/14 23:50	10/10/14 05:13	1
4-Methyl-2-pentanone (MIBK)	ND		35		ug/Kg		10/08/14 23:50	10/10/14 05:13	1
Naphthalene	ND		7.0		ug/Kg		10/08/14 23:50	10/10/14 05:13	1
N-Propylbenzene	ND		3.5		ug/Kg		10/08/14 23:50	10/10/14 05:13	1
Styrene	ND		3.5		ug/Kg		10/08/14 23:50	10/10/14 05:13	1
1,1,1,2-Tetrachloroethane	ND		3.5		ug/Kg		10/08/14 23:50	10/10/14 05:13	1

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60446-1

Client Sample ID: PLSB-8-15

Lab Sample ID: 720-60446-6

Date Collected: 10/08/14 10:25

Matrix: Solid

Date Received: 10/08/14 18:45

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		3.5		ug/Kg		10/08/14 23:50	10/10/14 05:13	1
Tetrachloroethene	ND		3.5		ug/Kg		10/08/14 23:50	10/10/14 05:13	1
Toluene	ND		3.5		ug/Kg		10/08/14 23:50	10/10/14 05:13	1
1,2,3-Trichlorobenzene	ND		3.5		ug/Kg		10/08/14 23:50	10/10/14 05:13	1
1,2,4-Trichlorobenzene	ND		3.5		ug/Kg		10/08/14 23:50	10/10/14 05:13	1
1,1,1-Trichloroethane	ND		3.5		ug/Kg		10/08/14 23:50	10/10/14 05:13	1
1,1,2-Trichloroethane	ND		3.5		ug/Kg		10/08/14 23:50	10/10/14 05:13	1
Trichloroethene	ND		3.5		ug/Kg		10/08/14 23:50	10/10/14 05:13	1
Trichlorofluoromethane	ND		3.5		ug/Kg		10/08/14 23:50	10/10/14 05:13	1
1,2,3-Trichloropropane	ND		3.5		ug/Kg		10/08/14 23:50	10/10/14 05:13	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		3.5		ug/Kg		10/08/14 23:50	10/10/14 05:13	1
1,2,4-Trimethylbenzene	ND		3.5		ug/Kg		10/08/14 23:50	10/10/14 05:13	1
1,3,5-Trimethylbenzene	ND		3.5		ug/Kg		10/08/14 23:50	10/10/14 05:13	1
Vinyl acetate	ND		14		ug/Kg		10/08/14 23:50	10/10/14 05:13	1
Vinyl chloride	ND		3.5		ug/Kg		10/08/14 23:50	10/10/14 05:13	1
Xylenes, Total	ND		7.0		ug/Kg		10/08/14 23:50	10/10/14 05:13	1
2,2-Dichloropropane	ND		3.5		ug/Kg		10/08/14 23:50	10/10/14 05:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	95		45 - 131	10/08/14 23:50	10/10/14 05:13	1
1,2-Dichloroethane-d4 (Surr)	98		60 - 140	10/08/14 23:50	10/10/14 05:13	1
Toluene-d8 (Surr)	88		58 - 140	10/08/14 23:50	10/10/14 05:13	1

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 22:47	1
Bis(2-chloroethyl)ether	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 22:47	1
2-Chlorophenol	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 22:47	1
1,3-Dichlorobenzene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 22:47	1
1,4-Dichlorobenzene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 22:47	1
Benzyl alcohol	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 22:47	1
1,2-Dichlorobenzene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 22:47	1
2-Methylphenol	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 22:47	1
Methylphenol, 3 & 4	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 22:47	1
N-Nitrosodi-n-propylamine	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 22:47	1
Hexachloroethane	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 22:47	1
Nitrobenzene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 22:47	1
Isophorone	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 22:47	1
2-Nitrophenol	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 22:47	1
2,4-Dimethylphenol	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 22:47	1
Bis(2-chloroethoxy)methane	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 22:47	1
2,4-Dichlorophenol	ND		0.33		mg/Kg		10/10/14 16:44	10/13/14 22:47	1
1,2,4-Trichlorobenzene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 22:47	1
Naphthalene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 22:47	1
4-Chloroaniline	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 22:47	1
Hexachlorobutadiene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 22:47	1
4-Chloro-3-methylphenol	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 22:47	1
2-Methylnaphthalene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 22:47	1
Hexachlorocyclopentadiene	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 22:47	1
2,4,6-Trichlorophenol	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 22:47	1

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60446-1

Client Sample ID: PLSB-8-15

Lab Sample ID: 720-60446-6

Date Collected: 10/08/14 10:25

Matrix: Solid

Date Received: 10/08/14 18:45

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 22:47	1
2-Chloronaphthalene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 22:47	1
2-Nitroaniline	ND		0.33		mg/Kg		10/10/14 16:44	10/13/14 22:47	1
Dimethyl phthalate	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 22:47	1
Acenaphthylene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 22:47	1
3-Nitroaniline	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 22:47	1
Acenaphthene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 22:47	1
2,4-Dinitrophenol	ND		0.66		mg/Kg		10/10/14 16:44	10/13/14 22:47	1
4-Nitrophenol	ND		0.33		mg/Kg		10/10/14 16:44	10/13/14 22:47	1
Dibenzofuran	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 22:47	1
2,4-Dinitrotoluene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 22:47	1
2,6-Dinitrotoluene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 22:47	1
Diethyl phthalate	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 22:47	1
4-Chlorophenyl phenyl ether	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 22:47	1
Fluorene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 22:47	1
4-Nitroaniline	ND		0.33		mg/Kg		10/10/14 16:44	10/13/14 22:47	1
2-Methyl-4,6-dinitrophenol	ND		0.33		mg/Kg		10/10/14 16:44	10/13/14 22:47	1
N-Nitrosodiphenylamine	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 22:47	1
4-Bromophenyl phenyl ether	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 22:47	1
Hexachlorobenzene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 22:47	1
Pentachlorophenol	ND		0.33		mg/Kg		10/10/14 16:44	10/13/14 22:47	1
Phenanthrene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 22:47	1
Anthracene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 22:47	1
Di-n-butyl phthalate	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 22:47	1
Fluoranthene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 22:47	1
Pyrene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 22:47	1
Butyl benzyl phthalate	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 22:47	1
3,3'-Dichlorobenzidine	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 22:47	1
Benzo[a]anthracene	ND		0.33		mg/Kg		10/10/14 16:44	10/13/14 22:47	1
Bis(2-ethylhexyl) phthalate	ND		0.33		mg/Kg		10/10/14 16:44	10/13/14 22:47	1
Chrysene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 22:47	1
Di-n-octyl phthalate	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 22:47	1
Benzo[b]fluoranthene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 22:47	1
Benzo[a]pyrene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 22:47	1
Benzo[k]fluoranthene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 22:47	1
Indeno[1,2,3-cd]pyrene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 22:47	1
Benzo[g,h,i]perylene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 22:47	1
Benzoic acid	ND		0.33		mg/Kg		10/10/14 16:44	10/13/14 22:47	1
Azobenzene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 22:47	1
Dibenz(a,h)anthracene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 22:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	75		21 - 98	10/10/14 16:44	10/13/14 22:47	1
2-Fluorobiphenyl	66		30 - 112	10/10/14 16:44	10/13/14 22:47	1
Terphenyl-d14	64		32 - 117	10/10/14 16:44	10/13/14 22:47	1
2-Fluorophenol	57		28 - 98	10/10/14 16:44	10/13/14 22:47	1
Phenol-d5	47		23 - 101	10/10/14 16:44	10/13/14 22:47	1
2,4,6-Tribromophenol	76		37 - 114	10/10/14 16:44	10/13/14 22:47	1

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
 Project/Site: Philips San Jose

TestAmerica Job ID: 720-60446-1

Client Sample ID: PLSB-8-15

Lab Sample ID: 720-60446-6

Date Collected: 10/08/14 10:25

Matrix: Solid

Date Received: 10/08/14 18:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.61		0.50		mg/Kg		10/11/14 13:18	10/14/14 11:59	1
Arsenic	3.1		1.0		mg/Kg		10/11/14 13:18	10/14/14 11:59	1
Beryllium	0.14		0.10		mg/Kg		10/11/14 13:18	10/14/14 11:59	1
Cadmium	ND		0.13		mg/Kg		10/11/14 13:18	10/14/14 11:59	1
Chromium	52		0.50		mg/Kg		10/11/14 13:18	10/14/14 11:59	1
Copper	22		1.5		mg/Kg		10/11/14 13:18	10/14/14 11:59	1
Lead	3.3		0.50		mg/Kg		10/11/14 13:18	10/14/14 11:59	1
Nickel	61		0.50		mg/Kg		10/11/14 13:18	10/14/14 11:59	1
Selenium	ND		1.0		mg/Kg		10/11/14 13:18	10/14/14 11:59	1
Silver	ND		0.25		mg/Kg		10/11/14 13:18	10/14/14 11:59	1
Zinc	33		1.5		mg/Kg		10/11/14 13:18	10/14/14 11:59	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.10		0.0091		mg/Kg		10/14/14 08:55	10/15/14 12:50	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.47		mg/Kg		10/10/14 13:00	10/11/14 12:59	1

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60446-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 720-168520/4

Matrix: Solid

Analysis Batch: 168520

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		5.0		ug/Kg			10/09/14 19:44	1
Acetone	ND		50		ug/Kg			10/09/14 19:44	1
Benzene	ND		5.0		ug/Kg			10/09/14 19:44	1
Dichlorobromomethane	ND		5.0		ug/Kg			10/09/14 19:44	1
Bromobenzene	ND		5.0		ug/Kg			10/09/14 19:44	1
Chlorobromomethane	ND		20		ug/Kg			10/09/14 19:44	1
Bromoform	ND		5.0		ug/Kg			10/09/14 19:44	1
Bromomethane	ND		10		ug/Kg			10/09/14 19:44	1
2-Butanone (MEK)	ND		50		ug/Kg			10/09/14 19:44	1
n-Butylbenzene	ND		5.0		ug/Kg			10/09/14 19:44	1
sec-Butylbenzene	ND		5.0		ug/Kg			10/09/14 19:44	1
tert-Butylbenzene	ND		5.0		ug/Kg			10/09/14 19:44	1
Carbon disulfide	ND		5.0		ug/Kg			10/09/14 19:44	1
Carbon tetrachloride	ND		5.0		ug/Kg			10/09/14 19:44	1
Chlorobenzene	ND		5.0		ug/Kg			10/09/14 19:44	1
Chloroethane	ND		10		ug/Kg			10/09/14 19:44	1
Chloroform	ND		5.0		ug/Kg			10/09/14 19:44	1
Chloromethane	ND		10		ug/Kg			10/09/14 19:44	1
2-Chlorotoluene	ND		5.0		ug/Kg			10/09/14 19:44	1
4-Chlorotoluene	ND		5.0		ug/Kg			10/09/14 19:44	1
Chlorodibromomethane	ND		5.0		ug/Kg			10/09/14 19:44	1
1,2-Dichlorobenzene	ND		5.0		ug/Kg			10/09/14 19:44	1
1,3-Dichlorobenzene	ND		5.0		ug/Kg			10/09/14 19:44	1
1,4-Dichlorobenzene	ND		5.0		ug/Kg			10/09/14 19:44	1
1,3-Dichloropropane	ND		5.0		ug/Kg			10/09/14 19:44	1
1,1-Dichloropropene	ND		5.0		ug/Kg			10/09/14 19:44	1
1,2-Dibromo-3-Chloropropane	ND		10		ug/Kg			10/09/14 19:44	1
Ethylene Dibromide	ND		5.0		ug/Kg			10/09/14 19:44	1
Dibromomethane	ND		10		ug/Kg			10/09/14 19:44	1
Dichlorodifluoromethane	ND		10		ug/Kg			10/09/14 19:44	1
1,1-Dichloroethane	ND		5.0		ug/Kg			10/09/14 19:44	1
1,2-Dichloroethane	ND		5.0		ug/Kg			10/09/14 19:44	1
1,1-Dichloroethene	ND		5.0		ug/Kg			10/09/14 19:44	1
cis-1,2-Dichloroethene	ND		5.0		ug/Kg			10/09/14 19:44	1
trans-1,2-Dichloroethene	ND		5.0		ug/Kg			10/09/14 19:44	1
1,2-Dichloropropane	ND		5.0		ug/Kg			10/09/14 19:44	1
cis-1,3-Dichloropropene	ND		5.0		ug/Kg			10/09/14 19:44	1
trans-1,3-Dichloropropene	ND		5.0		ug/Kg			10/09/14 19:44	1
Ethylbenzene	ND		5.0		ug/Kg			10/09/14 19:44	1
Hexachlorobutadiene	ND		5.0		ug/Kg			10/09/14 19:44	1
2-Hexanone	ND		50		ug/Kg			10/09/14 19:44	1
Isopropylbenzene	ND		5.0		ug/Kg			10/09/14 19:44	1
4-Isopropyltoluene	ND		5.0		ug/Kg			10/09/14 19:44	1
Methylene Chloride	ND		10		ug/Kg			10/09/14 19:44	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/Kg			10/09/14 19:44	1
Naphthalene	ND		10		ug/Kg			10/09/14 19:44	1
N-Propylbenzene	ND		5.0		ug/Kg			10/09/14 19:44	1
Styrene	ND		5.0		ug/Kg			10/09/14 19:44	1

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60446-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 720-168520/4

Matrix: Solid

Analysis Batch: 168520

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0		ug/Kg			10/09/14 19:44	1
1,1,2,2-Tetrachloroethane	ND		5.0		ug/Kg			10/09/14 19:44	1
Tetrachloroethene	ND		5.0		ug/Kg			10/09/14 19:44	1
Toluene	ND		5.0		ug/Kg			10/09/14 19:44	1
1,2,3-Trichlorobenzene	ND		5.0		ug/Kg			10/09/14 19:44	1
1,2,4-Trichlorobenzene	ND		5.0		ug/Kg			10/09/14 19:44	1
1,1,1-Trichloroethane	ND		5.0		ug/Kg			10/09/14 19:44	1
1,1,2-Trichloroethane	ND		5.0		ug/Kg			10/09/14 19:44	1
Trichloroethene	ND		5.0		ug/Kg			10/09/14 19:44	1
Trichlorofluoromethane	ND		5.0		ug/Kg			10/09/14 19:44	1
1,2,3-Trichloropropane	ND		5.0		ug/Kg			10/09/14 19:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0		ug/Kg			10/09/14 19:44	1
1,2,4-Trimethylbenzene	ND		5.0		ug/Kg			10/09/14 19:44	1
1,3,5-Trimethylbenzene	ND		5.0		ug/Kg			10/09/14 19:44	1
Vinyl acetate	ND		20		ug/Kg			10/09/14 19:44	1
Vinyl chloride	ND		5.0		ug/Kg			10/09/14 19:44	1
Xylenes, Total	ND		10		ug/Kg			10/09/14 19:44	1
2,2-Dichloropropane	ND		5.0		ug/Kg			10/09/14 19:44	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	103		45 - 131		10/09/14 19:44	1
1,2-Dichloroethane-d4 (Surr)	105		60 - 140		10/09/14 19:44	1
Toluene-d8 (Surr)	89		58 - 140		10/09/14 19:44	1

Lab Sample ID: LCS 720-168520/5

Matrix: Solid

Analysis Batch: 168520

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl tert-butyl ether	50.0	54.5		ug/Kg		109	70 - 144
Acetone	250	218		ug/Kg		87	30 - 162
Benzene	50.0	47.6		ug/Kg		95	70 - 130
Dichlorobromomethane	50.0	54.8		ug/Kg		110	70 - 131
Bromobenzene	50.0	49.6		ug/Kg		99	70 - 130
Chlorobromomethane	50.0	48.6		ug/Kg		97	70 - 130
Bromoform	50.0	53.6		ug/Kg		107	59 - 158
Bromomethane	50.0	43.7		ug/Kg		87	59 - 132
2-Butanone (MEK)	250	254		ug/Kg		102	53 - 124
n-Butylbenzene	50.0	50.0		ug/Kg		100	70 - 142
sec-Butylbenzene	50.0	44.0		ug/Kg		88	70 - 136
tert-Butylbenzene	50.0	48.9		ug/Kg		98	70 - 130
Carbon disulfide	50.0	45.6		ug/Kg		91	60 - 140
Carbon tetrachloride	50.0	51.1		ug/Kg		102	70 - 138
Chlorobenzene	50.0	45.6		ug/Kg		91	70 - 130
Chloroethane	50.0	40.5		ug/Kg		81	65 - 130
Chloroform	50.0	50.6		ug/Kg		101	77 - 127
Chloromethane	50.0	35.7		ug/Kg		71	55 - 140
2-Chlorotoluene	50.0	48.4		ug/Kg		97	70 - 138

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60446-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 720-168520/5

Matrix: Solid

Analysis Batch: 168520

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4-Chlorotoluene	50.0	49.3		ug/Kg		99	70 - 136
Chlorodibromomethane	50.0	58.4		ug/Kg		117	70 - 146
1,2-Dichlorobenzene	50.0	48.3		ug/Kg		97	70 - 130
1,3-Dichlorobenzene	50.0	45.5		ug/Kg		91	70 - 131
1,4-Dichlorobenzene	50.0	48.2		ug/Kg		96	70 - 130
1,3-Dichloropropane	50.0	51.3		ug/Kg		103	70 - 140
1,1-Dichloropropene	50.0	51.1		ug/Kg		102	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	55.1		ug/Kg		110	60 - 145
Ethylene Dibromide	50.0	53.4		ug/Kg		107	70 - 140
Dibromomethane	50.0	52.0		ug/Kg		104	70 - 139
Dichlorodifluoromethane	50.0	41.5		ug/Kg		83	37 - 158
1,1-Dichloroethane	50.0	49.4		ug/Kg		99	70 - 130
1,2-Dichloroethane	50.0	52.7		ug/Kg		105	70 - 130
1,1-Dichloroethene	50.0	46.5		ug/Kg		93	76 - 122
cis-1,2-Dichloroethene	50.0	49.5		ug/Kg		99	70 - 138
trans-1,2-Dichloroethene	50.0	49.9		ug/Kg		100	67 - 130
1,2-Dichloropropane	50.0	50.0		ug/Kg		100	73 - 127
cis-1,3-Dichloropropene	50.0	56.4		ug/Kg		113	68 - 147
trans-1,3-Dichloropropene	50.0	62.7		ug/Kg		125	70 - 136
Ethylbenzene	50.0	45.5		ug/Kg		91	80 - 137
Hexachlorobutadiene	50.0	49.7		ug/Kg		99	70 - 132
2-Hexanone	250	253		ug/Kg		101	44 - 133
Isopropylbenzene	50.0	44.1		ug/Kg		88	70 - 130
4-Isopropyltoluene	50.0	48.5		ug/Kg		97	70 - 133
Methylene Chloride	50.0	50.7		ug/Kg		101	70 - 134
4-Methyl-2-pentanone (MIBK)	250	264		ug/Kg		106	60 - 160
Naphthalene	50.0	42.8		ug/Kg		86	60 - 147
N-Propylbenzene	50.0	48.2		ug/Kg		96	70 - 130
Styrene	50.0	49.2		ug/Kg		98	70 - 130
1,1,1,2-Tetrachloroethane	50.0	52.1		ug/Kg		104	70 - 130
1,1,1,2,2-Tetrachloroethane	50.0	50.6		ug/Kg		101	70 - 146
Tetrachloroethene	50.0	47.5		ug/Kg		95	70 - 132
Toluene	50.0	45.7		ug/Kg		91	80 - 128
1,2,3-Trichlorobenzene	50.0	42.5		ug/Kg		85	60 - 140
1,2,4-Trichlorobenzene	50.0	44.4		ug/Kg		89	60 - 140
1,1,1-Trichloroethane	50.0	45.7		ug/Kg		91	70 - 130
1,1,2-Trichloroethane	50.0	52.1		ug/Kg		104	70 - 130
Trichloroethene	50.0	44.9		ug/Kg		90	70 - 133
Trichlorofluoromethane	50.0	45.1		ug/Kg		90	60 - 140
1,2,3-Trichloropropane	50.0	51.2		ug/Kg		102	70 - 146
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	44.3		ug/Kg		89	60 - 140
1,2,4-Trimethylbenzene	50.0	50.4		ug/Kg		101	70 - 130
1,3,5-Trimethylbenzene	50.0	49.9		ug/Kg		100	70 - 131
Vinyl acetate	50.0	48.1		ug/Kg		96	38 - 176
Vinyl chloride	50.0	42.6		ug/Kg		85	58 - 125
m-Xylene & p-Xylene	50.0	44.9		ug/Kg		90	70 - 146
o-Xylene	50.0	45.2		ug/Kg		90	70 - 140

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60446-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 720-168520/5

Matrix: Solid

Analysis Batch: 168520

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,2-Dichloropropane	50.0	47.8		ug/Kg		96	70 - 162

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	96		45 - 131
1,2-Dichloroethane-d4 (Surr)	95		60 - 140
Toluene-d8 (Surr)	94		58 - 140

Lab Sample ID: LCSD 720-168520/6

Matrix: Solid

Analysis Batch: 168520

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Methyl tert-butyl ether	50.0	54.5		ug/Kg		109	70 - 144	0	20
Acetone	250	232		ug/Kg		93	30 - 162	6	30
Benzene	50.0	47.7		ug/Kg		95	70 - 130	0	20
Dichlorobromomethane	50.0	53.9		ug/Kg		108	70 - 131	2	20
Bromobenzene	50.0	50.0		ug/Kg		100	70 - 130	1	20
Chlorobromomethane	50.0	48.9		ug/Kg		98	70 - 130	1	20
Bromoform	50.0	56.1		ug/Kg		112	59 - 158	5	20
Bromomethane	50.0	41.9		ug/Kg		84	59 - 132	4	20
2-Butanone (MEK)	250	235		ug/Kg		94	53 - 124	8	20
n-Butylbenzene	50.0	46.3		ug/Kg		93	70 - 142	8	20
sec-Butylbenzene	50.0	45.1		ug/Kg		90	70 - 136	3	20
tert-Butylbenzene	50.0	47.2		ug/Kg		94	70 - 130	3	20
Carbon disulfide	50.0	41.6		ug/Kg		83	60 - 140	9	20
Carbon tetrachloride	50.0	49.6		ug/Kg		99	70 - 138	3	20
Chlorobenzene	50.0	45.6		ug/Kg		91	70 - 130	0	20
Chloroethane	50.0	41.6		ug/Kg		83	65 - 130	3	20
Chloroform	50.0	49.6		ug/Kg		99	77 - 127	2	20
Chloromethane	50.0	35.6		ug/Kg		71	55 - 140	0	20
2-Chlorotoluene	50.0	48.6		ug/Kg		97	70 - 138	1	20
4-Chlorotoluene	50.0	49.2		ug/Kg		98	70 - 136	0	20
Chlorodibromomethane	50.0	58.0		ug/Kg		116	70 - 146	1	20
1,2-Dichlorobenzene	50.0	41.3		ug/Kg		83	70 - 130	16	20
1,3-Dichlorobenzene	50.0	47.3		ug/Kg		95	70 - 131	4	20
1,4-Dichlorobenzene	50.0	47.3		ug/Kg		95	70 - 130	2	20
1,3-Dichloropropane	50.0	50.9		ug/Kg		102	70 - 140	1	20
1,1-Dichloropropene	50.0	50.3		ug/Kg		101	70 - 130	2	20
1,2-Dibromo-3-Chloropropane	50.0	54.6		ug/Kg		109	60 - 145	1	20
Ethylene Dibromide	50.0	53.3		ug/Kg		107	70 - 140	0	20
Dibromomethane	50.0	51.6		ug/Kg		103	70 - 139	1	20
Dichlorodifluoromethane	50.0	39.8		ug/Kg		80	37 - 158	4	20
1,1-Dichloroethane	50.0	48.3		ug/Kg		97	70 - 130	2	20
1,2-Dichloroethane	50.0	51.1		ug/Kg		102	70 - 130	3	20
1,1-Dichloroethane	50.0	46.4		ug/Kg		93	76 - 122	0	20
cis-1,2-Dichloroethane	50.0	48.7		ug/Kg		97	70 - 138	1	20
trans-1,2-Dichloroethane	50.0	48.3		ug/Kg		97	67 - 130	3	20
1,2-Dichloropropane	50.0	49.9		ug/Kg		100	73 - 127	0	20

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60446-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 720-168520/6

Matrix: Solid

Analysis Batch: 168520

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
cis-1,3-Dichloropropene	50.0	55.5		ug/Kg		111	68 - 147	2	20
trans-1,3-Dichloropropene	50.0	62.0		ug/Kg		124	70 - 136	1	20
Ethylbenzene	50.0	45.5		ug/Kg		91	80 - 137	0	20
Hexachlorobutadiene	50.0	55.0		ug/Kg		110	70 - 132	10	20
2-Hexanone	250	261		ug/Kg		105	44 - 133	3	20
Isopropylbenzene	50.0	46.6		ug/Kg		93	70 - 130	5	20
4-Isopropyltoluene	50.0	45.4		ug/Kg		91	70 - 133	6	20
Methylene Chloride	50.0	51.0		ug/Kg		102	70 - 134	1	20
4-Methyl-2-pentanone (MIBK)	250	266		ug/Kg		107	60 - 160	1	20
Naphthalene	50.0	48.2		ug/Kg		96	60 - 147	12	20
N-Propylbenzene	50.0	47.8		ug/Kg		96	70 - 130	1	20
Styrene	50.0	50.8		ug/Kg		102	70 - 130	3	20
1,1,1,2-Tetrachloroethane	50.0	50.8		ug/Kg		102	70 - 130	3	20
1,1,1,2-Tetrachloroethane	50.0	52.0		ug/Kg		104	70 - 146	3	20
Tetrachloroethene	50.0	47.5		ug/Kg		95	70 - 132	0	20
Toluene	50.0	45.6		ug/Kg		91	80 - 128	0	20
1,2,3-Trichlorobenzene	50.0	50.2		ug/Kg		100	60 - 140	17	20
1,2,4-Trichlorobenzene	50.0	51.0		ug/Kg		102	60 - 140	14	20
1,1,1-Trichloroethane	50.0	43.6		ug/Kg		87	70 - 130	5	20
1,1,2-Trichloroethane	50.0	51.4		ug/Kg		103	70 - 130	1	20
Trichloroethene	50.0	45.0		ug/Kg		90	70 - 133	0	20
Trichlorofluoromethane	50.0	45.3		ug/Kg		91	60 - 140	1	20
1,2,3-Trichloropropane	50.0	51.7		ug/Kg		103	70 - 146	1	20
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	40.9		ug/Kg		82	60 - 140	8	20
1,2,4-Trimethylbenzene	50.0	48.6		ug/Kg		97	70 - 130	4	20
1,3,5-Trimethylbenzene	50.0	49.4		ug/Kg		99	70 - 131	1	20
Vinyl acetate	50.0	49.5		ug/Kg		99	38 - 176	3	20
Vinyl chloride	50.0	43.0		ug/Kg		86	58 - 125	1	20
m-Xylene & p-Xylene	50.0	46.0		ug/Kg		92	70 - 146	2	20
o-Xylene	50.0	46.6		ug/Kg		93	70 - 140	3	20
2,2-Dichloropropane	50.0	45.2		ug/Kg		90	70 - 162	6	20

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene	99		45 - 131
1,2-Dichloroethane-d4 (Surr)	94		60 - 140
Toluene-d8 (Surr)	94		58 - 140

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Lab Sample ID: MB 720-168633/1-A

Matrix: Solid

Analysis Batch: 168691

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 168633

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Phenol	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
Bis(2-chloroethyl)ether	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
2-Chlorophenol	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 13:37	1

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60446-1

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

(Continued)

Lab Sample ID: MB 720-168633/1-A

Matrix: Solid

Analysis Batch: 168691

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 168633

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
1,4-Dichlorobenzene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
Benzyl alcohol	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
1,2-Dichlorobenzene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
2-Methylphenol	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
Methylphenol, 3 & 4	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
N-Nitrosodi-n-propylamine	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
Hexachloroethane	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
Nitrobenzene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
Isophorone	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
2-Nitrophenol	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
2,4-Dimethylphenol	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
Bis(2-chloroethoxy)methane	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
2,4-Dichlorophenol	ND		0.33		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
1,2,4-Trichlorobenzene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
Naphthalene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
4-Chloroaniline	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
Hexachlorobutadiene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
4-Chloro-3-methylphenol	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
2-Methylnaphthalene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
Hexachlorocyclopentadiene	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
2,4,6-Trichlorophenol	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
2,4,5-Trichlorophenol	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
2-Chloronaphthalene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
2-Nitroaniline	ND		0.33		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
Dimethyl phthalate	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
Acenaphthylene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
3-Nitroaniline	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
Acenaphthene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
2,4-Dinitrophenol	ND		0.66		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
4-Nitrophenol	ND		0.33		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
Dibenzofuran	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
2,4-Dinitrotoluene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
2,6-Dinitrotoluene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
Diethyl phthalate	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
4-Chlorophenyl phenyl ether	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
Fluorene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
4-Nitroaniline	ND		0.33		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
2-Methyl-4,6-dinitrophenol	ND		0.33		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
N-Nitrosodiphenylamine	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
4-Bromophenyl phenyl ether	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
Hexachlorobenzene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
Pentachlorophenol	ND		0.33		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
Phenanthrene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
Anthracene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
Di-n-butyl phthalate	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
Fluoranthene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 13:37	1

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60446-1

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

(Continued)

Lab Sample ID: MB 720-168633/1-A

Matrix: Solid

Analysis Batch: 168691

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 168633

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pyrene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
Butyl benzyl phthalate	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
3,3'-Dichlorobenzidine	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
Benzo[a]anthracene	ND		0.33		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
Bis(2-ethylhexyl) phthalate	ND		0.33		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
Chrysene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
Di-n-octyl phthalate	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
Benzo[b]fluoranthene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
Benzo[a]pyrene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
Benzo[k]fluoranthene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
Indeno[1,2,3-cd]pyrene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
Benzo[g,h,i]perylene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
Benzoic acid	ND		0.33		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
Azobenzene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
Dibenz(a,h)anthracene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 13:37	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	77		21 - 98	10/10/14 16:44	10/13/14 13:37	1
2-Fluorobiphenyl	73		30 - 112	10/10/14 16:44	10/13/14 13:37	1
Terphenyl-d14	74		32 - 117	10/10/14 16:44	10/13/14 13:37	1
2-Fluorophenol	70		28 - 98	10/10/14 16:44	10/13/14 13:37	1
Phenol-d5	60		23 - 101	10/10/14 16:44	10/13/14 13:37	1
2,4,6-Tribromophenol	60		37 - 114	10/10/14 16:44	10/13/14 13:37	1

Lab Sample ID: LCS 720-168633/2-A

Matrix: Solid

Analysis Batch: 168691

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 168633

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Phenol	1.32	0.933		mg/Kg		71	48 - 115
Bis(2-chloroethyl)ether	1.32	0.895		mg/Kg		68	45 - 115
2-Chlorophenol	1.32	1.00		mg/Kg		76	48 - 115
1,3-Dichlorobenzene	1.32	0.908		mg/Kg		69	41 - 115
1,4-Dichlorobenzene	1.32	0.897		mg/Kg		68	40 - 115
Benzyl alcohol	1.32	0.966		mg/Kg		73	51 - 115
1,2-Dichlorobenzene	1.32	0.894		mg/Kg		68	44 - 115
2-Methylphenol	1.32	0.984		mg/Kg		75	54 - 115
Methylphenol, 3 & 4	1.32	0.985		mg/Kg		75	42 - 115
N-Nitrosodi-n-propylamine	1.32	0.955		mg/Kg		72	46 - 115
Hexachloroethane	1.32	0.956		mg/Kg		72	44 - 115
Nitrobenzene	1.32	0.961		mg/Kg		73	48 - 115
Isophorone	1.32	1.03		mg/Kg		78	54 - 115
2-Nitrophenol	1.32	0.965		mg/Kg		73	48 - 115
2,4-Dimethylphenol	1.32	0.911		mg/Kg		69	52 - 115
Bis(2-chloroethoxy)methane	1.32	0.974		mg/Kg		74	46 - 115
2,4-Dichlorophenol	1.32	0.926		mg/Kg		70	49 - 100
1,2,4-Trichlorobenzene	1.32	0.947		mg/Kg		72	47 - 115

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60446-1

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

(Continued)

Lab Sample ID: LCS 720-168633/2-A

Matrix: Solid

Analysis Batch: 168691

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 168633

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Naphthalene	1.32	0.952		mg/Kg		72	44 - 115
4-Chloroaniline	1.32	0.734		mg/Kg		56	30 - 115
Hexachlorobutadiene	1.32	0.925		mg/Kg		70	44 - 115
4-Chloro-3-methylphenol	1.32	1.01		mg/Kg		77	58 - 115
2-Methylnaphthalene	1.32	0.953		mg/Kg		72	49 - 115
Hexachlorocyclopentadiene	1.32	1.03		mg/Kg		78	42 - 132
2,4,6-Trichlorophenol	1.32	1.01		mg/Kg		76	45 - 115
2,4,5-Trichlorophenol	1.32	1.15		mg/Kg		87	48 - 115
2-Chloronaphthalene	1.32	0.958		mg/Kg		73	52 - 115
2-Nitroaniline	1.32	1.07		mg/Kg		81	54 - 115
Dimethyl phthalate	1.32	1.08		mg/Kg		82	64 - 119
Acenaphthylene	1.32	1.02		mg/Kg		77	61 - 129
3-Nitroaniline	1.32	0.822		mg/Kg		62	50 - 115
Acenaphthene	1.32	1.00		mg/Kg		76	50 - 115
2,4-Dinitrophenol	2.64	0.640	J	mg/Kg		24	15 - 115
4-Nitrophenol	2.64	2.62		mg/Kg		99	54 - 125
Dibenzofuran	1.32	1.09		mg/Kg		83	55 - 115
2,4-Dinitrotoluene	1.32	1.07		mg/Kg		81	57 - 115
2,6-Dinitrotoluene	1.32	0.953		mg/Kg		72	54 - 119
Diethyl phthalate	1.32	1.10		mg/Kg		83	49 - 117
4-Chlorophenyl phenyl ether	1.32	1.10		mg/Kg		83	57 - 115
Fluorene	1.32	1.04		mg/Kg		79	54 - 115
4-Nitroaniline	1.32	1.04		mg/Kg		79	59 - 115
2-Methyl-4,6-dinitrophenol	2.64	1.33		mg/Kg		50	39 - 115
N-Nitrosodiphenylamine	1.32	0.983		mg/Kg		75	56 - 115
4-Bromophenyl phenyl ether	1.32	0.969		mg/Kg		74	53 - 115
Hexachlorobenzene	1.32	0.989		mg/Kg		75	55 - 115
Pentachlorophenol	2.64	1.85		mg/Kg		70	35 - 115
Phenanthrene	1.32	1.04		mg/Kg		79	54 - 115
Anthracene	1.32	1.04		mg/Kg		79	55 - 115
Di-n-butyl phthalate	1.32	1.09		mg/Kg		83	55 - 115
Fluoranthene	1.32	1.10		mg/Kg		83	52 - 130
Pyrene	1.32	0.845		mg/Kg		64	48 - 115
Butyl benzyl phthalate	1.32	0.908		mg/Kg		69	53 - 115
3,3'-Dichlorobenzidine	1.32	0.677		mg/Kg		51	42 - 115
Benzo[a]anthracene	1.32	1.03		mg/Kg		78	55 - 115
Bis(2-ethylhexyl) phthalate	1.32	1.13		mg/Kg		85	53 - 115
Chrysene	1.32	1.16		mg/Kg		88	58 - 115
Di-n-octyl phthalate	1.32	1.15		mg/Kg		87	53 - 115
Benzo[b]fluoranthene	1.32	1.29		mg/Kg		98	50 - 119
Benzo[a]pyrene	1.32	1.32		mg/Kg		100	57 - 122
Benzo[k]fluoranthene	1.32	1.37		mg/Kg		104	55 - 120
Indeno[1,2,3-cd]pyrene	1.32	1.01		mg/Kg		77	56 - 115
Benzo[g,h,i]perylene	1.32	0.995		mg/Kg		75	56 - 115
Benzoic acid	1.32	0.269	J	mg/Kg		20	10 - 115
Azobenzene	1.32	0.983		mg/Kg		75	52 - 115
Dibenz(a,h)anthracene	1.32	0.994		mg/Kg		75	57 - 121

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60446-1

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

(Continued)

Lab Sample ID: LCS 720-168633/2-A

Matrix: Solid

Analysis Batch: 168691

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 168633

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
Nitrobenzene-d5	80		21 - 98
2-Fluorobiphenyl	84		30 - 112
Terphenyl-d14	77		32 - 117
2-Fluorophenol	73		28 - 98
Phenol-d5	71		23 - 101
2,4,6-Tribromophenol	86		37 - 114

Lab Sample ID: 720-60441-A-14-B MS

Matrix: Solid

Analysis Batch: 168855

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 168633

Analyte	Sample Result	Sample Qualifier	Spike Added	MS MS		Unit	D	%Rec	%Rec. Limits
				Result	Qualifier				
Phenol	ND		1.32	0.863		mg/Kg		65	23 - 115
Bis(2-chloroethyl)ether	ND		1.32	0.834		mg/Kg		63	27 - 115
2-Chlorophenol	ND		1.32	0.789		mg/Kg		60	16 - 115
1,3-Dichlorobenzene	ND		1.32	0.734		mg/Kg		55	22 - 115
1,4-Dichlorobenzene	ND		1.32	0.777		mg/Kg		59	21 - 115
Benzyl alcohol	ND		1.32	ND		mg/Kg		76	28 - 115
1,2-Dichlorobenzene	ND		1.32	0.844		mg/Kg		64	25 - 115
2-Methylphenol	ND		1.32	0.893		mg/Kg		67	32 - 115
Methylphenol, 3 & 4	ND		1.32	1.07		mg/Kg		80	28 - 115
N-Nitrosodi-n-propylamine	ND		1.32	0.815		mg/Kg		62	27 - 115
Hexachloroethane	ND		1.32	0.823		mg/Kg		62	19 - 115
Nitrobenzene	ND		1.32	1.01		mg/Kg		76	30 - 115
Isophorone	ND		1.32	1.01		mg/Kg		76	36 - 115
2-Nitrophenol	ND		1.32	ND	F1	mg/Kg		0	11 - 116
2,4-Dimethylphenol	ND		1.32	1.01		mg/Kg		76	36 - 115
Bis(2-chloroethoxy)methane	ND		1.32	ND		mg/Kg		72	28 - 115
2,4-Dichlorophenol	ND		1.32	ND	F1	mg/Kg		0	17 - 115
1,2,4-Trichlorobenzene	ND		1.32	0.834		mg/Kg		63	29 - 115
Naphthalene	ND		1.32	0.961		mg/Kg		73	22 - 115
4-Chloroaniline	ND		1.32	ND		mg/Kg		23	7 - 115
Hexachlorobutadiene	ND		1.32	0.845		mg/Kg		64	26 - 115
4-Chloro-3-methylphenol	ND		1.32	ND		mg/Kg		80	42 - 115
2-Methylnaphthalene	ND		1.32	0.960		mg/Kg		72	28 - 115
Hexachlorocyclopentadiene	ND		1.32	ND	F1	mg/Kg		0	15 - 115
2,4,6-Trichlorophenol	ND		1.32	ND	F1	mg/Kg		0	25 - 115
2,4,5-Trichlorophenol	ND		1.32	ND	F1	mg/Kg		0	38 - 115
2-Chloronaphthalene	ND		1.32	1.13		mg/Kg		86	38 - 115
2-Nitroaniline	ND		1.32	ND		mg/Kg		81	43 - 115
Dimethyl phthalate	ND		1.32	ND		mg/Kg		85	55 - 116
Acenaphthylene	ND		1.32	1.03		mg/Kg		78	49 - 120
3-Nitroaniline	ND		1.32	ND		mg/Kg		81	39 - 115
Acenaphthene	ND		1.32	1.02		mg/Kg		77	42 - 115
2,4-Dinitrophenol	ND		2.65	ND		mg/Kg		NC	13 - 122
4-Nitrophenol	ND		2.65	ND	F1	mg/Kg		0	25 - 147
Dibenzofuran	ND		1.32	0.969		mg/Kg		73	43 - 115

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60446-1

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

(Continued)

Lab Sample ID: 720-60441-A-14-B MS

Matrix: Solid

Analysis Batch: 168855

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 168633

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.	Limits
	Result	Qualifier	Added	Result	Qualifier					
2,4-Dinitrotoluene	ND		1.32	0.891		mg/Kg		67		47 - 115
2,6-Dinitrotoluene	ND		1.32	ND	F1	mg/Kg		0		55 - 115
Diethyl phthalate	ND		1.32	ND		mg/Kg		85		48 - 115
4-Chlorophenyl phenyl ether	ND		1.32	ND		mg/Kg		83		44 - 115
Fluorene	ND		1.32	0.920		mg/Kg		69		41 - 115
4-Nitroaniline	ND		1.32	ND		mg/Kg		63		47 - 120
2-Methyl-4,6-dinitrophenol	ND		2.65	ND	F1	mg/Kg		0		19 - 132
N-Nitrosodiphenylamine	ND		1.32	1.09		mg/Kg		82		43 - 115
4-Bromophenyl phenyl ether	ND		1.32	ND		mg/Kg		73		45 - 115
Hexachlorobenzene	ND		1.32	0.837		mg/Kg		63		48 - 115
Pentachlorophenol	ND		2.65	ND	F1	mg/Kg		0		7 - 132
Phenanthrene	ND		1.32	1.02		mg/Kg		77		38 - 115
Anthracene	ND		1.32	0.995		mg/Kg		75		47 - 115
Di-n-butyl phthalate	ND		1.32	ND		mg/Kg		71		46 - 115
Fluoranthene	ND		1.32	0.818		mg/Kg		62		40 - 115
Pyrene	ND		1.32	1.07		mg/Kg		81		35 - 115
Butyl benzyl phthalate	ND		1.32	ND		mg/Kg		114		40 - 115
3,3'-Dichlorobenzidine	ND		1.32	ND	F1	mg/Kg		0		17 - 115
Benzo[a]anthracene	ND		1.32	ND		mg/Kg		77		42 - 115
Bis(2-ethylhexyl) phthalate	ND		1.32	ND	F1	mg/Kg		125		42 - 115
Chrysene	ND		1.32	1.07		mg/Kg		81		37 - 115
Di-n-octyl phthalate	ND		1.32	ND		mg/Kg		88		46 - 115
Benzo[b]fluoranthene	ND		1.32	ND	F1	mg/Kg		0		43 - 115
Benzo[a]pyrene	ND		1.32	1.03		mg/Kg		78		48 - 115
Benzo[k]fluoranthene	ND		1.32	0.943		mg/Kg		71		39 - 115
Indeno[1,2,3-cd]pyrene	ND		1.32	1.12		mg/Kg		85		50 - 115
Benzo[g,h,i]perylene	ND		1.32	1.33		mg/Kg		100		43 - 115
Benzoic acid	ND		1.32	ND		mg/Kg		0		0 - 115
Azobenzene	ND		1.32	1.20		mg/Kg		91		48 - 115
Dibenz(a,h)anthracene	ND		1.32	1.29		mg/Kg		98		49 - 115

Surrogate	MS MS		Limits
	%Recovery	Qualifier	
Nitrobenzene-d5	69		21 - 98
2-Fluorobiphenyl	85		30 - 112
Terphenyl-d14	73		32 - 117
2-Fluorophenol	0	X	28 - 98
Phenol-d5	57		23 - 101
2,4,6-Tribromophenol	0	X	37 - 114

Lab Sample ID: 720-60441-A-14-C MSD

Matrix: Solid

Analysis Batch: 168855

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 168633

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	Limits	RPD	
	Result	Qualifier	Added	Result	Qualifier						RPD	Limit
Phenol	ND		1.33	0.969		mg/Kg		73		23 - 115	12	35
Bis(2-chloroethyl)ether	ND		1.33	0.953		mg/Kg		72		27 - 115	13	35
2-Chlorophenol	ND		1.33	0.715		mg/Kg		54		16 - 115	10	35

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60446-1

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

(Continued)

Lab Sample ID: 720-60441-A-14-C MSD

Client Sample ID: Matrix Spike Duplicate

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 168855

Prep Batch: 168633

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	Limits	RPD	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier								
1,3-Dichlorobenzene	ND		1.33	0.874		mg/Kg		66	22 - 115	17	35		
1,4-Dichlorobenzene	ND		1.33	0.917		mg/Kg		69	21 - 115	17	35		
Benzyl alcohol	ND		1.33	ND		mg/Kg		78	28 - 115	2	35		
1,2-Dichlorobenzene	ND		1.33	0.884		mg/Kg		67	25 - 115	5	35		
2-Methylphenol	ND		1.33	0.882		mg/Kg		67	32 - 115	1	35		
Methylphenol, 3 & 4	ND		1.33	1.07		mg/Kg		81	28 - 115	1	35		
N-Nitrosodi-n-propylamine	ND		1.33	1.02		mg/Kg		77	27 - 115	22	35		
Hexachloroethane	ND		1.33	1.04		mg/Kg		78	19 - 115	23	35		
Nitrobenzene	ND		1.33	0.990		mg/Kg		75	30 - 115	2	35		
Isophorone	ND		1.33	1.05		mg/Kg		79	36 - 115	4	35		
2-Nitrophenol	ND		1.33	ND	F1	mg/Kg		0	11 - 116	NC	35		
2,4-Dimethylphenol	ND		1.33	1.07		mg/Kg		81	36 - 115	6	35		
Bis(2-chloroethoxy)methane	ND		1.33	ND		mg/Kg		81	28 - 115	11	35		
2,4-Dichlorophenol	ND		1.33	ND	F1	mg/Kg		0	17 - 115	NC	35		
1,2,4-Trichlorobenzene	ND		1.33	1.02		mg/Kg		77	29 - 115	20	35		
Naphthalene	ND		1.33	1.04		mg/Kg		78	22 - 115	8	35		
4-Chloroaniline	ND		1.33	ND	F2	mg/Kg		46	7 - 115	66	35		
Hexachlorobutadiene	ND		1.33	0.976		mg/Kg		74	26 - 115	14	35		
4-Chloro-3-methylphenol	ND		1.33	ND		mg/Kg		84	42 - 115	5	35		
2-Methylnaphthalene	ND		1.33	1.00		mg/Kg		75	28 - 115	4	35		
Hexachlorocyclopentadiene	ND		1.33	ND	F1	mg/Kg		0	15 - 115	NC	35		
2,4,6-Trichlorophenol	ND		1.33	ND	F1	mg/Kg		0	25 - 115	NC	35		
2,4,5-Trichlorophenol	ND		1.33	ND	F1	mg/Kg		0	38 - 115	NC	35		
2-Chloronaphthalene	ND		1.33	1.25		mg/Kg		94	38 - 115	10	35		
2-Nitroaniline	ND		1.33	ND		mg/Kg		94	43 - 115	15	35		
Dimethyl phthalate	ND		1.33	ND		mg/Kg		90	55 - 116	6	35		
Acenaphthylene	ND		1.33	1.12		mg/Kg		85	49 - 120	9	35		
3-Nitroaniline	ND		1.33	ND		mg/Kg		90	39 - 115	10	35		
Acenaphthene	ND		1.33	1.19		mg/Kg		89	42 - 115	15	35		
2,4-Dinitrophenol	ND		2.65	ND		mg/Kg		NC	13 - 122	NC	35		
4-Nitrophenol	ND		2.65	ND	F1	mg/Kg		0	25 - 147	NC	35		
Dibenzofuran	ND		1.33	1.04		mg/Kg		79	43 - 115	7	35		
2,4-Dinitrotoluene	ND		1.33	0.965		mg/Kg		73	47 - 115	8	35		
2,6-Dinitrotoluene	ND		1.33	ND	F1	mg/Kg		0	55 - 115	NC	35		
Diethyl phthalate	ND		1.33	ND		mg/Kg		87	48 - 115	3	35		
4-Chlorophenyl phenyl ether	ND		1.33	ND		mg/Kg		86	44 - 115	3	35		
Fluorene	ND		1.33	0.987		mg/Kg		74	41 - 115	7	35		
4-Nitroaniline	ND		1.33	ND		mg/Kg		78	47 - 120	21	35		
2-Methyl-4,6-dinitrophenol	ND		2.65	ND	F1	mg/Kg		0	19 - 132	NC	35		
N-Nitrosodiphenylamine	ND		1.33	1.23		mg/Kg		93	43 - 115	12	35		
4-Bromophenyl phenyl ether	ND		1.33	ND		mg/Kg		75	45 - 115	3	35		
Hexachlorobenzene	ND		1.33	0.922		mg/Kg		70	48 - 115	10	35		
Pentachlorophenol	ND		2.65	ND	F1	mg/Kg		0	7 - 132	NC	35		
Phenanthrene	ND		1.33	1.10		mg/Kg		83	38 - 115	8	35		
Anthracene	ND		1.33	1.09		mg/Kg		82	47 - 115	9	35		
Di-n-butyl phthalate	ND		1.33	ND		mg/Kg		76	46 - 115	6	35		
Fluoranthene	ND		1.33	0.855		mg/Kg		65	40 - 115	4	35		

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60446-1

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

(Continued)

Lab Sample ID: 720-60441-A-14-C MSD

Matrix: Solid

Analysis Batch: 168855

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 168633

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	Limits	RPD	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier								
Pyrene	ND		1.33	1.16		mg/Kg		88	35 - 115	9	35		
Butyl benzyl phthalate	ND		1.33	1.86	F1	mg/Kg		140	40 - 115	21	35		
3,3'-Dichlorobenzidine	ND		1.33	ND	F1	mg/Kg		0	17 - 115	NC	35		
Benzo[a]anthracene	ND		1.33	ND		mg/Kg		80	42 - 115	4	35		
Bis(2-ethylhexyl) phthalate	ND		1.33	ND	F1	mg/Kg		134	42 - 115	7	35		
Chrysene	ND		1.33	1.23		mg/Kg		93	37 - 115	14	35		
Di-n-octyl phthalate	ND		1.33	ND		mg/Kg		113	46 - 115	25	35		
Benzo[b]fluoranthene	ND		1.33	ND	F1	mg/Kg		0	43 - 115	NC	35		
Benzo[a]pyrene	ND		1.33	ND	F1	mg/Kg		0	48 - 115	NC	35		
Benzo[k]fluoranthene	ND		1.33	1.28		mg/Kg		96	39 - 115	30	35		
Indeno[1,2,3-cd]pyrene	ND		1.33	1.15		mg/Kg		87	50 - 115	2	35		
Benzo[g,h,i]perylene	ND		1.33	ND	F1	mg/Kg		0	43 - 115	NC	35		
Benzoic acid	ND		1.33	ND		mg/Kg		0	0 - 115	NC	35		
Azobenzene	ND		1.33	1.18		mg/Kg		89	48 - 115	2	35		
Dibenz(a,h)anthracene	ND		1.33	1.33		mg/Kg		100	49 - 115	3	35		

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
Nitrobenzene-d5	77		21 - 98
2-Fluorobiphenyl	92		30 - 112
Terphenyl-d14	77		32 - 117
2-Fluorophenol	0	X	28 - 98
Phenol-d5	60		23 - 101
2,4,6-Tribromophenol	0	X	37 - 114

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 720-168656/1-A

Matrix: Solid

Analysis Batch: 168757

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 168656

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
	Result	Qualifier								
Antimony	ND		0.50		mg/Kg		10/11/14 13:18	10/14/14 00:43	1	
Arsenic	ND		1.0		mg/Kg		10/11/14 13:18	10/14/14 00:43	1	
Beryllium	ND		0.10		mg/Kg		10/11/14 13:18	10/14/14 00:43	1	
Cadmium	ND		0.13		mg/Kg		10/11/14 13:18	10/14/14 00:43	1	
Chromium	ND		0.50		mg/Kg		10/11/14 13:18	10/14/14 00:43	1	
Copper	ND		1.5		mg/Kg		10/11/14 13:18	10/14/14 00:43	1	
Lead	ND		0.50		mg/Kg		10/11/14 13:18	10/14/14 00:43	1	
Nickel	ND		0.50		mg/Kg		10/11/14 13:18	10/14/14 00:43	1	
Selenium	ND		1.0		mg/Kg		10/11/14 13:18	10/14/14 00:43	1	
Silver	ND		0.25		mg/Kg		10/11/14 13:18	10/14/14 00:43	1	
Zinc	ND		1.5		mg/Kg		10/11/14 13:18	10/14/14 00:43	1	

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60446-1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCS 720-168656/2-A

Matrix: Solid

Analysis Batch: 168757

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 168656

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	50.0	48.3		mg/Kg		97	80 - 120
Arsenic	50.0	50.7		mg/Kg		101	80 - 120
Beryllium	50.0	50.6		mg/Kg		101	80 - 120
Cadmium	50.0	50.6		mg/Kg		101	80 - 120
Chromium	50.0	51.6		mg/Kg		103	80 - 120
Copper	50.0	51.4		mg/Kg		103	80 - 120
Lead	50.0	52.3		mg/Kg		105	80 - 120
Nickel	50.0	51.7		mg/Kg		103	80 - 120
Selenium	50.0	49.8		mg/Kg		100	80 - 120
Silver	25.0	25.3		mg/Kg		101	80 - 120
Zinc	50.0	47.6		mg/Kg		95	80 - 120

Lab Sample ID: LCSD 720-168656/3-A

Matrix: Solid

Analysis Batch: 168757

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 168656

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Antimony	50.0	48.3		mg/Kg		97	80 - 120	0	20
Arsenic	50.0	50.8		mg/Kg		102	80 - 120	0	20
Beryllium	50.0	50.4		mg/Kg		101	80 - 120	0	20
Cadmium	50.0	50.2		mg/Kg		100	80 - 120	1	20
Chromium	50.0	51.2		mg/Kg		102	80 - 120	1	20
Copper	50.0	50.9		mg/Kg		102	80 - 120	1	20
Lead	50.0	52.0		mg/Kg		104	80 - 120	0	20
Nickel	50.0	51.3		mg/Kg		103	80 - 120	1	20
Selenium	50.0	50.1		mg/Kg		100	80 - 120	0	20
Silver	25.0	25.1		mg/Kg		100	80 - 120	1	20
Zinc	50.0	47.3		mg/Kg		95	80 - 120	1	20

Lab Sample ID: LCSSRM 720-168656/25-A

Matrix: Solid

Analysis Batch: 168757

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 168656

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	74.6	46.1		mg/Kg		62	11 - 101
Arsenic	45.5	42.6		mg/Kg		94	69 - 119
Beryllium	155	139		mg/Kg		90	56 - 102
Cadmium	201	183		mg/Kg		91	67 - 118
Chromium	106	96.1		mg/Kg		91	67 - 121
Copper	130	123		mg/Kg		95	68 - 126
Lead	302	265		mg/Kg		88	62 - 113
Nickel	305	276		mg/Kg		91	65 - 117
Selenium	133	125		mg/Kg		94	63 - 126
Silver	33.5	30.8		mg/Kg		92	51 - 130
Zinc	388	346		mg/Kg		89	62 - 110

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60446-1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 720-60407-D-1-H MS

Matrix: Solid

Analysis Batch: 168757

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 168656

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.	Limits
	Result	Qualifier	Added	Result	Qualifier					
Antimony	ND		50.0	26.4	F1	mg/Kg		50		75 - 125
Arsenic	5.7		50.0	57.4		mg/Kg		103		75 - 125
Beryllium	ND		50.0	53.4		mg/Kg		107		75 - 125
Cadmium	ND		50.0	52.5		mg/Kg		104		75 - 125
Chromium	52		50.0	105		mg/Kg		105		75 - 125
Copper	22		50.0	76.3		mg/Kg		108		75 - 125
Lead	600		50.0	699	4	mg/Kg		207		75 - 125
Nickel	39		50.0	90.0		mg/Kg		102		75 - 125
Selenium	ND		50.0	51.7		mg/Kg		103		75 - 125
Silver	ND		25.0	27.2		mg/Kg		109		75 - 125
Zinc	200		50.0	255	4	mg/Kg		107		75 - 125

Lab Sample ID: 720-60407-D-1-I MSD

Matrix: Solid

Analysis Batch: 168757

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 168656

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	Limits	RPD	
	Result	Qualifier	Added	Result	Qualifier						RPD	Limit
Antimony	ND		49.0	25.5	F1	mg/Kg		49		75 - 125	4	20
Arsenic	5.7		49.0	57.6		mg/Kg		106		75 - 125	0	20
Beryllium	ND		49.0	54.6		mg/Kg		111		75 - 125	2	20
Cadmium	ND		49.0	52.8		mg/Kg		107		75 - 125	1	20
Chromium	52		49.0	110		mg/Kg		118		75 - 125	5	20
Copper	22		49.0	78.3		mg/Kg		114		75 - 125	2	20
Lead	600		49.0	699	4	mg/Kg		211		75 - 125	0	20
Nickel	39		49.0	93.7		mg/Kg		112		75 - 125	4	20
Selenium	ND		49.0	51.5		mg/Kg		105		75 - 125	0	20
Silver	ND		24.5	25.8		mg/Kg		105		75 - 125	5	20
Zinc	200		49.0	255	4	mg/Kg		108		75 - 125	0	20

Lab Sample ID: MB 720-168659/1-A

Matrix: Solid

Analysis Batch: 168821

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 168659

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
	Result	Qualifier								
Antimony	ND		0.50		mg/Kg		10/11/14 14:22	10/14/14 16:03		1
Arsenic	ND		1.0		mg/Kg		10/11/14 14:22	10/14/14 16:03		1
Beryllium	ND		0.10		mg/Kg		10/11/14 14:22	10/14/14 16:03		1
Cadmium	ND		0.13		mg/Kg		10/11/14 14:22	10/14/14 16:03		1
Chromium	ND		0.50		mg/Kg		10/11/14 14:22	10/14/14 16:03		1
Copper	ND		1.5		mg/Kg		10/11/14 14:22	10/14/14 16:03		1
Lead	ND		0.50		mg/Kg		10/11/14 14:22	10/14/14 16:03		1
Nickel	ND		0.50		mg/Kg		10/11/14 14:22	10/14/14 16:03		1
Selenium	ND		1.0		mg/Kg		10/11/14 14:22	10/14/14 16:03		1
Silver	ND		0.25		mg/Kg		10/11/14 14:22	10/14/14 16:03		1
Zinc	ND		1.5		mg/Kg		10/11/14 14:22	10/14/14 16:03		1

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60446-1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCS 720-168659/2-A

Matrix: Solid

Analysis Batch: 168821

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 168659

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	50.0	47.9		mg/Kg		96	80 - 120
Arsenic	50.0	50.6		mg/Kg		101	80 - 120
Beryllium	50.0	50.3		mg/Kg		101	80 - 120
Cadmium	50.0	50.0		mg/Kg		100	80 - 120
Chromium	50.0	51.4		mg/Kg		103	80 - 120
Copper	50.0	51.4		mg/Kg		103	80 - 120
Lead	50.0	51.7		mg/Kg		103	80 - 120
Nickel	50.0	51.4		mg/Kg		103	80 - 120
Selenium	50.0	49.7		mg/Kg		99	80 - 120
Silver	25.0	25.3		mg/Kg		101	80 - 120
Zinc	50.0	47.9		mg/Kg		96	80 - 120

Lab Sample ID: LCSD 720-168659/3-A

Matrix: Solid

Analysis Batch: 168821

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 168659

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Antimony	50.0	49.4		mg/Kg		99	80 - 120	3	20
Arsenic	50.0	51.1		mg/Kg		102	80 - 120	1	20
Beryllium	50.0	50.4		mg/Kg		101	80 - 120	0	20
Cadmium	50.0	50.8		mg/Kg		102	80 - 120	1	20
Chromium	50.0	52.3		mg/Kg		105	80 - 120	2	20
Copper	50.0	52.2		mg/Kg		104	80 - 120	2	20
Lead	50.0	52.2		mg/Kg		104	80 - 120	1	20
Nickel	50.0	52.3		mg/Kg		105	80 - 120	2	20
Selenium	50.0	50.5		mg/Kg		101	80 - 120	2	20
Silver	25.0	25.7		mg/Kg		103	80 - 120	1	20
Zinc	50.0	48.2		mg/Kg		96	80 - 120	1	20

Lab Sample ID: LCSSRM 720-168659/25-A

Matrix: Solid

Analysis Batch: 168821

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 168659

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	74.6	32.3		mg/Kg		43	11 - 101
Arsenic	45.5	43.3		mg/Kg		95	69 - 119
Beryllium	155	143		mg/Kg		92	56 - 102
Cadmium	201	185		mg/Kg		92	67 - 118
Chromium	106	98.9		mg/Kg		93	67 - 121
Copper	130	126		mg/Kg		97	68 - 126
Lead	302	275		mg/Kg		91	62 - 113
Nickel	305	282		mg/Kg		92	65 - 117
Selenium	133	128		mg/Kg		96	63 - 126
Silver	33.5	31.5		mg/Kg		94	51 - 130
Zinc	388	362		mg/Kg		93	62 - 110

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60446-1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 720-60454-A-1-A MS

Matrix: Solid

Analysis Batch: 168821

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 168659

Analyte	Sample	Sample Qualifier	Spike Added	MS		Unit	D	%Rec	%Rec. Limits
	Result			Result	Qualifier				
Antimony	0.85		45.5	6.87	F1	mg/Kg		13	75 - 125
Arsenic	5.0		45.5	42.4		mg/Kg		82	75 - 125
Beryllium	ND		45.5	37.2		mg/Kg		82	75 - 125
Cadmium	0.15		45.5	35.7		mg/Kg		78	75 - 125
Chromium	120		45.5	144	F1	mg/Kg		54	75 - 125
Copper	29		45.5	60.7	F1	mg/Kg		70	75 - 125
Lead	11		45.5	47.0		mg/Kg		78	75 - 125
Nickel	190		45.5	217	4	mg/Kg		56	75 - 125
Selenium	ND		45.5	35.8		mg/Kg		79	75 - 125
Silver	ND		22.7	19.6		mg/Kg		86	75 - 125
Zinc	56		45.5	89.1	F1	mg/Kg		72	75 - 125

Lab Sample ID: 720-60454-A-1-B MSD

Matrix: Solid

Analysis Batch: 168821

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 168659

Analyte	Sample	Sample Qualifier	Spike Added	MSD		Unit	D	%Rec	%Rec. Limits	RPD	
	Result			Result	Qualifier					RPD	Limit
Antimony	0.85		38.8	6.33	F1	mg/Kg		14	75 - 125	8	20
Arsenic	5.0		38.8	36.7		mg/Kg		82	75 - 125	14	20
Beryllium	ND		38.8	31.3		mg/Kg		81	75 - 125	17	20
Cadmium	0.15		38.8	30.2		mg/Kg		78	75 - 125	17	20
Chromium	120		38.8	160		mg/Kg		106	75 - 125	11	20
Copper	29		38.8	55.1	F1	mg/Kg		67	75 - 125	10	20
Lead	11		38.8	39.4	F1	mg/Kg		72	75 - 125	18	20
Nickel	190		38.8	239	4	mg/Kg		121	75 - 125	9	20
Selenium	ND		38.8	29.3		mg/Kg		76	75 - 125	20	20
Silver	ND		19.4	16.8		mg/Kg		87	75 - 125	15	20
Zinc	56		38.8	78.4	F1	mg/Kg		57	75 - 125	13	20

Lab Sample ID: MB 720-168661/1-A

Matrix: Solid

Analysis Batch: 168849

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 168661

Analyte	MB	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result								
Antimony	ND		0.50		mg/Kg		10/11/14 15:13	10/14/14 21:32	1
Arsenic	ND		1.0		mg/Kg		10/11/14 15:13	10/14/14 21:32	1
Beryllium	ND		0.10		mg/Kg		10/11/14 15:13	10/14/14 21:32	1
Cadmium	ND		0.13		mg/Kg		10/11/14 15:13	10/14/14 21:32	1
Chromium	ND		0.50		mg/Kg		10/11/14 15:13	10/14/14 21:32	1
Copper	ND		1.5		mg/Kg		10/11/14 15:13	10/14/14 21:32	1
Lead	ND		0.50		mg/Kg		10/11/14 15:13	10/14/14 21:32	1
Nickel	ND		0.50		mg/Kg		10/11/14 15:13	10/14/14 21:32	1
Selenium	ND		1.0		mg/Kg		10/11/14 15:13	10/14/14 21:32	1
Silver	ND		0.25		mg/Kg		10/11/14 15:13	10/14/14 21:32	1
Zinc	ND		1.5		mg/Kg		10/11/14 15:13	10/14/14 21:32	1

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60446-1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCS 720-168661/2-A

Matrix: Solid

Analysis Batch: 168849

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 168661

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	50.0	49.8		mg/Kg		100	80 - 120
Arsenic	50.0	51.0		mg/Kg		102	80 - 120
Beryllium	50.0	54.7		mg/Kg		109	80 - 120
Cadmium	50.0	51.0		mg/Kg		102	80 - 120
Chromium	50.0	52.1		mg/Kg		104	80 - 120
Copper	50.0	51.9		mg/Kg		104	80 - 120
Lead	50.0	52.6		mg/Kg		105	80 - 120
Nickel	50.0	52.2		mg/Kg		104	80 - 120
Selenium	50.0	50.3		mg/Kg		101	80 - 120
Silver	25.0	25.8		mg/Kg		103	80 - 120
Zinc	50.0	48.4		mg/Kg		97	80 - 120

Lab Sample ID: LCSD 720-168661/3-A

Matrix: Solid

Analysis Batch: 168849

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 168661

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Antimony	50.0	50.8		mg/Kg		102	80 - 120	2	20
Arsenic	50.0	52.5		mg/Kg		105	80 - 120	3	20
Beryllium	50.0	52.7		mg/Kg		105	80 - 120	4	20
Cadmium	50.0	52.0		mg/Kg		104	80 - 120	2	20
Chromium	50.0	53.5		mg/Kg		107	80 - 120	3	20
Copper	50.0	53.1		mg/Kg		106	80 - 120	2	20
Lead	50.0	53.5		mg/Kg		107	80 - 120	2	20
Nickel	50.0	53.1		mg/Kg		106	80 - 120	2	20
Selenium	50.0	51.6		mg/Kg		103	80 - 120	3	20
Silver	25.0	26.2		mg/Kg		105	80 - 120	2	20
Zinc	50.0	49.4		mg/Kg		99	80 - 120	2	20

Lab Sample ID: LCSSRM 720-168661/25-A

Matrix: Solid

Analysis Batch: 168849

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 168661

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	74.6	35.4		mg/Kg		47	11 - 101
Arsenic	45.5	45.6		mg/Kg		100	69 - 119
Beryllium	155	155		mg/Kg		100	56 - 102
Cadmium	201	197		mg/Kg		98	67 - 118
Chromium	106	105		mg/Kg		100	67 - 121
Copper	130	132		mg/Kg		101	68 - 126
Lead	302	289		mg/Kg		96	62 - 113
Nickel	305	297		mg/Kg		97	65 - 117
Selenium	133	134		mg/Kg		101	63 - 126
Silver	33.5	34.0		mg/Kg		101	51 - 130
Zinc	388	376		mg/Kg		97	62 - 110

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60446-1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 720-60487-A-1-D MS

Matrix: Solid

Analysis Batch: 168849

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 168661

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.	Limits
	Result	Qualifier	Added	Result	Qualifier					
Antimony	ND		45.9	15.8	F1	mg/Kg		32		75 - 125
Arsenic	7.0		45.9	57.6		mg/Kg		110		75 - 125
Beryllium	ND		45.9	55.2		mg/Kg		120		75 - 125
Cadmium	ND		45.9	50.2		mg/Kg		109		75 - 125
Chromium	63		45.9	121	F1	mg/Kg		126		75 - 125
Copper	36		45.9	90.5		mg/Kg		118		75 - 125
Lead	5.5		45.9	55.5		mg/Kg		109		75 - 125
Nickel	85		45.9	141		mg/Kg		122		75 - 125
Selenium	ND		45.9	50.1		mg/Kg		109		75 - 125
Silver	ND		22.9	27.0		mg/Kg		118		75 - 125
Zinc	50		45.9	94.0		mg/Kg		95		75 - 125

Lab Sample ID: 720-60487-A-1-E MSD

Matrix: Solid

Analysis Batch: 168849

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 168661

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	Limits	RPD	
	Result	Qualifier	Added	Result	Qualifier						RPD	Limit
Antimony	ND		36.2	10.2	F1 F2	mg/Kg		25		75 - 125	43	20
Arsenic	7.0		36.2	44.1	F2	mg/Kg		102		75 - 125	27	20
Beryllium	ND		36.2	41.6	F2	mg/Kg		114		75 - 125	28	20
Cadmium	ND		36.2	37.1	F2	mg/Kg		102		75 - 125	30	20
Chromium	63		36.2	102		mg/Kg		108		75 - 125	17	20
Copper	36		36.2	72.3	F2	mg/Kg		99		75 - 125	22	20
Lead	5.5		36.2	42.2	F2	mg/Kg		101		75 - 125	27	20
Nickel	85		36.2	123		mg/Kg		103		75 - 125	14	20
Selenium	ND		36.2	36.6	F2	mg/Kg		101		75 - 125	31	20
Silver	ND		18.1	20.0	F2	mg/Kg		110		75 - 125	30	20
Zinc	50		36.2	79.7		mg/Kg		81		75 - 125	16	20

Method: 7471A - Mercury (CVAA)

Lab Sample ID: MB 720-168770/1-A

Matrix: Solid

Analysis Batch: 168881

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 168770

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
	Result	Qualifier								
Mercury	ND		0.010		mg/Kg		10/14/14 08:55	10/15/14 11:42		1

Lab Sample ID: LCS 720-168770/2-A

Matrix: Solid

Analysis Batch: 168881

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 168770

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec.	Limits
	Added	Result	Qualifier					
Mercury	0.833	0.858		mg/Kg		103		80 - 120

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60446-1

Method: 7471A - Mercury (CVAA) (Continued)

Lab Sample ID: LCSD 720-168770/3-A

Matrix: Solid

Analysis Batch: 168881

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 168770

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.833	0.842		mg/Kg		101	80 - 120	2	20

Lab Sample ID: 720-60534-A-4-G MS

Matrix: Solid

Analysis Batch: 168881

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 168770

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.061		0.794	0.905		mg/Kg		106	75 - 125

Lab Sample ID: 720-60534-A-4-H MSD

Matrix: Solid

Analysis Batch: 168881

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 168770

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.061		0.781	0.844		mg/Kg		100	75 - 125	7	20

Method: SM 4500 CN E - Cyanide, Total

Lab Sample ID: MB 500-258647/17-A

Matrix: Solid

Analysis Batch: 258915

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 258647

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.50		mg/Kg		10/10/14 13:00	10/11/14 12:55	1

Lab Sample ID: LCS 500-258647/18-A

Matrix: Solid

Analysis Batch: 258915

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 258647

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	5.00	4.93		mg/Kg		99	80 - 120

TestAmerica Pleasanton

QC Association Summary

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60446-1

GC/MS VOA

Analysis Batch: 168520

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60446-1	PLSB-4-10.5	Total/NA	Solid	8260B	168557
720-60446-2	PLSB-4-17	Total/NA	Solid	8260B	168557
720-60446-3	PLSB-6-10	Total/NA	Solid	8260B	168557
720-60446-4	PLSB-6-15	Total/NA	Solid	8260B	168557
720-60446-5	PLSB-8-10	Total/NA	Solid	8260B	168557
720-60446-6	PLSB-8-15	Total/NA	Solid	8260B	168557
LCS 720-168520/5	Lab Control Sample	Total/NA	Solid	8260B	
LCS D 720-168520/6	Lab Control Sample Dup	Total/NA	Solid	8260B	
MB 720-168520/4	Method Blank	Total/NA	Solid	8260B	

Prep Batch: 168557

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60446-1	PLSB-4-10.5	Total/NA	Solid	5035	
720-60446-2	PLSB-4-17	Total/NA	Solid	5035	
720-60446-3	PLSB-6-10	Total/NA	Solid	5035	
720-60446-4	PLSB-6-15	Total/NA	Solid	5035	
720-60446-5	PLSB-8-10	Total/NA	Solid	5035	
720-60446-6	PLSB-8-15	Total/NA	Solid	5035	

GC/MS Semi VOA

Prep Batch: 168633

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60441-A-14-B MS	Matrix Spike	Total/NA	Solid	3546	
720-60441-A-14-C MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	
720-60446-1	PLSB-4-10.5	Total/NA	Solid	3546	
720-60446-2	PLSB-4-17	Total/NA	Solid	3546	
720-60446-3	PLSB-6-10	Total/NA	Solid	3546	
720-60446-4	PLSB-6-15	Total/NA	Solid	3546	
720-60446-5	PLSB-8-10	Total/NA	Solid	3546	
720-60446-6	PLSB-8-15	Total/NA	Solid	3546	
LCS 720-168633/2-A	Lab Control Sample	Total/NA	Solid	3546	
MB 720-168633/1-A	Method Blank	Total/NA	Solid	3546	

Analysis Batch: 168691

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60446-1	PLSB-4-10.5	Total/NA	Solid	8270C	168633
720-60446-2	PLSB-4-17	Total/NA	Solid	8270C	168633
720-60446-3	PLSB-6-10	Total/NA	Solid	8270C	168633
720-60446-4	PLSB-6-15	Total/NA	Solid	8270C	168633
720-60446-5	PLSB-8-10	Total/NA	Solid	8270C	168633
720-60446-6	PLSB-8-15	Total/NA	Solid	8270C	168633
LCS 720-168633/2-A	Lab Control Sample	Total/NA	Solid	8270C	168633
MB 720-168633/1-A	Method Blank	Total/NA	Solid	8270C	168633

Analysis Batch: 168855

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60441-A-14-B MS	Matrix Spike	Total/NA	Solid	8270C	168633
720-60441-A-14-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8270C	168633

TestAmerica Pleasanton

QC Association Summary

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60446-1

Metals

Prep Batch: 168656

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60407-D-1-H MS	Matrix Spike	Total/NA	Solid	3050B	
720-60407-D-1-I MSD	Matrix Spike Duplicate	Total/NA	Solid	3050B	
720-60446-4	PLSB-6-15	Total/NA	Solid	3050B	
720-60446-5	PLSB-8-10	Total/NA	Solid	3050B	
720-60446-6	PLSB-8-15	Total/NA	Solid	3050B	
LCS 720-168656/2-A	Lab Control Sample	Total/NA	Solid	3050B	
LCSD 720-168656/3-A	Lab Control Sample Dup	Total/NA	Solid	3050B	
LCSSRM 720-168656/25-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 720-168656/1-A	Method Blank	Total/NA	Solid	3050B	

Prep Batch: 168659

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60446-1	PLSB-4-10.5	Total/NA	Solid	3050B	
720-60454-A-1-A MS	Matrix Spike	Total/NA	Solid	3050B	
720-60454-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	3050B	
LCS 720-168659/2-A	Lab Control Sample	Total/NA	Solid	3050B	
LCSD 720-168659/3-A	Lab Control Sample Dup	Total/NA	Solid	3050B	
LCSSRM 720-168659/25-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 720-168659/1-A	Method Blank	Total/NA	Solid	3050B	

Prep Batch: 168661

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60446-2	PLSB-4-17	Total/NA	Solid	3050B	
720-60446-3	PLSB-6-10	Total/NA	Solid	3050B	
720-60487-A-1-D MS	Matrix Spike	Total/NA	Solid	3050B	
720-60487-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	3050B	
LCS 720-168661/2-A	Lab Control Sample	Total/NA	Solid	3050B	
LCSD 720-168661/3-A	Lab Control Sample Dup	Total/NA	Solid	3050B	
LCSSRM 720-168661/25-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 720-168661/1-A	Method Blank	Total/NA	Solid	3050B	

Analysis Batch: 168757

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60407-D-1-H MS	Matrix Spike	Total/NA	Solid	6010B	168656
720-60407-D-1-I MSD	Matrix Spike Duplicate	Total/NA	Solid	6010B	168656
720-60446-5	PLSB-8-10	Total/NA	Solid	6010B	168656
LCS 720-168656/2-A	Lab Control Sample	Total/NA	Solid	6010B	168656
LCSD 720-168656/3-A	Lab Control Sample Dup	Total/NA	Solid	6010B	168656
LCSSRM 720-168656/25-A	Lab Control Sample	Total/NA	Solid	6010B	168656
MB 720-168656/1-A	Method Blank	Total/NA	Solid	6010B	168656

Prep Batch: 168770

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60446-1	PLSB-4-10.5	Total/NA	Solid	7471A	
720-60446-2	PLSB-4-17	Total/NA	Solid	7471A	
720-60446-3	PLSB-6-10	Total/NA	Solid	7471A	
720-60446-4	PLSB-6-15	Total/NA	Solid	7471A	
720-60446-5	PLSB-8-10	Total/NA	Solid	7471A	
720-60446-6	PLSB-8-15	Total/NA	Solid	7471A	
720-60534-A-4-G MS	Matrix Spike	Total/NA	Solid	7471A	
720-60534-A-4-H MSD	Matrix Spike Duplicate	Total/NA	Solid	7471A	

TestAmerica Pleasanton

QC Association Summary

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60446-1

Metals (Continued)

Prep Batch: 168770 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 720-168770/2-A	Lab Control Sample	Total/NA	Solid	7471A	
LCSD 720-168770/3-A	Lab Control Sample Dup	Total/NA	Solid	7471A	
MB 720-168770/1-A	Method Blank	Total/NA	Solid	7471A	

Analysis Batch: 168790

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60446-4	PLSB-6-15	Total/NA	Solid	6010B	168656
720-60446-6	PLSB-8-15	Total/NA	Solid	6010B	168656

Analysis Batch: 168821

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60446-1	PLSB-4-10.5	Total/NA	Solid	6010B	168659
720-60454-A-1-A MS	Matrix Spike	Total/NA	Solid	6010B	168659
720-60454-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	6010B	168659
LCS 720-168659/2-A	Lab Control Sample	Total/NA	Solid	6010B	168659
LCSD 720-168659/3-A	Lab Control Sample Dup	Total/NA	Solid	6010B	168659
LCSSRM 720-168659/25-A	Lab Control Sample	Total/NA	Solid	6010B	168659
MB 720-168659/1-A	Method Blank	Total/NA	Solid	6010B	168659

Analysis Batch: 168849

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60487-A-1-D MS	Matrix Spike	Total/NA	Solid	6010B	168661
720-60487-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	6010B	168661
LCS 720-168661/2-A	Lab Control Sample	Total/NA	Solid	6010B	168661
LCSD 720-168661/3-A	Lab Control Sample Dup	Total/NA	Solid	6010B	168661
LCSSRM 720-168661/25-A	Lab Control Sample	Total/NA	Solid	6010B	168661
MB 720-168661/1-A	Method Blank	Total/NA	Solid	6010B	168661

Analysis Batch: 168881

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60446-1	PLSB-4-10.5	Total/NA	Solid	7471A	168770
720-60446-2	PLSB-4-17	Total/NA	Solid	7471A	168770
720-60446-3	PLSB-6-10	Total/NA	Solid	7471A	168770
720-60446-4	PLSB-6-15	Total/NA	Solid	7471A	168770
720-60446-5	PLSB-8-10	Total/NA	Solid	7471A	168770
720-60446-6	PLSB-8-15	Total/NA	Solid	7471A	168770
720-60534-A-4-G MS	Matrix Spike	Total/NA	Solid	7471A	168770
720-60534-A-4-H MSD	Matrix Spike Duplicate	Total/NA	Solid	7471A	168770
LCS 720-168770/2-A	Lab Control Sample	Total/NA	Solid	7471A	168770
LCSD 720-168770/3-A	Lab Control Sample Dup	Total/NA	Solid	7471A	168770
MB 720-168770/1-A	Method Blank	Total/NA	Solid	7471A	168770

Analysis Batch: 168889

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60446-2	PLSB-4-17	Total/NA	Solid	6010B	168661
720-60446-3	PLSB-6-10	Total/NA	Solid	6010B	168661

TestAmerica Pleasanton

QC Association Summary

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60446-1

General Chemistry

Prep Batch: 258647

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60446-1	PLSB-4-10.5	Total/NA	Solid	Distill/CN	
720-60446-2	PLSB-4-17	Total/NA	Solid	Distill/CN	
720-60446-3	PLSB-6-10	Total/NA	Solid	Distill/CN	
720-60446-4	PLSB-6-15	Total/NA	Solid	Distill/CN	
720-60446-5	PLSB-8-10	Total/NA	Solid	Distill/CN	
720-60446-6	PLSB-8-15	Total/NA	Solid	Distill/CN	
LCS 500-258647/18-A	Lab Control Sample	Total/NA	Solid	Distill/CN	
MB 500-258647/17-A	Method Blank	Total/NA	Solid	Distill/CN	

Analysis Batch: 258915

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60446-1	PLSB-4-10.5	Total/NA	Solid	SM 4500 CN E	258647
720-60446-2	PLSB-4-17	Total/NA	Solid	SM 4500 CN E	258647
720-60446-3	PLSB-6-10	Total/NA	Solid	SM 4500 CN E	258647
720-60446-4	PLSB-6-15	Total/NA	Solid	SM 4500 CN E	258647
720-60446-5	PLSB-8-10	Total/NA	Solid	SM 4500 CN E	258647
720-60446-6	PLSB-8-15	Total/NA	Solid	SM 4500 CN E	258647
LCS 500-258647/18-A	Lab Control Sample	Total/NA	Solid	SM 4500 CN E	258647
MB 500-258647/17-A	Method Blank	Total/NA	Solid	SM 4500 CN E	258647

Lab Chronicle

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60446-1

Client Sample ID: PLSB-4-10.5

Lab Sample ID: 720-60446-1

Date Collected: 10/07/14 16:54

Matrix: Solid

Date Received: 10/08/14 18:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			168557	10/08/14 23:50	LPL	TAL PLS
Total/NA	Analysis	8260B		1	168520	10/10/14 02:45	PDR	TAL PLS
Total/NA	Prep	3546			168633	10/10/14 16:44		TAL PLS
Total/NA	Analysis	8270C		1	168691	10/13/14 20:47	MQL	TAL PLS
Total/NA	Prep	3050B			168659	10/11/14 14:22	CTD	TAL PLS
Total/NA	Analysis	6010B		4	168821	10/14/14 17:41	CAM	TAL PLS
Total/NA	Prep	7471A			168770	10/14/14 08:55	ECT	TAL PLS
Total/NA	Analysis	7471A		1	168881	10/15/14 12:32	EFH	TAL PLS
Total/NA	Prep	Distill/CN			258647	10/10/14 13:00	EAT	TAL CHI
Total/NA	Analysis	SM 4500 CN E		1	258915		EAT	TAL CHI
					(Start)	10/11/14 12:57		
					(End)	10/11/14 12:58		

Client Sample ID: PLSB-4-17

Lab Sample ID: 720-60446-2

Date Collected: 10/07/14 17:07

Matrix: Solid

Date Received: 10/08/14 18:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			168557	10/08/14 23:50	LPL	TAL PLS
Total/NA	Analysis	8260B		1	168520	10/10/14 03:14	PDR	TAL PLS
Total/NA	Prep	3546			168633	10/10/14 16:44		TAL PLS
Total/NA	Analysis	8270C		1	168691	10/13/14 21:11	MQL	TAL PLS
Total/NA	Prep	3050B			168661	10/11/14 15:13	CTD	TAL PLS
Total/NA	Analysis	6010B		1	168889	10/15/14 13:10	EFH	TAL PLS
Total/NA	Prep	7471A			168770	10/14/14 08:55	ECT	TAL PLS
Total/NA	Analysis	7471A		1	168881	10/15/14 12:35	EFH	TAL PLS
Total/NA	Prep	Distill/CN			258647	10/10/14 13:00	EAT	TAL CHI
Total/NA	Analysis	SM 4500 CN E		1	258915		EAT	TAL CHI
					(Start)	10/11/14 12:58		
					(End)	10/11/14 12:58		

Client Sample ID: PLSB-6-10

Lab Sample ID: 720-60446-3

Date Collected: 10/08/14 08:49

Matrix: Solid

Date Received: 10/08/14 18:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			168557	10/08/14 23:50	LPL	TAL PLS
Total/NA	Analysis	8260B		1	168520	10/10/14 03:43	PDR	TAL PLS
Total/NA	Prep	3546			168633	10/10/14 16:44		TAL PLS
Total/NA	Analysis	8270C		1	168691	10/13/14 21:35	MQL	TAL PLS
Total/NA	Prep	3050B			168661	10/11/14 15:13	CTD	TAL PLS
Total/NA	Analysis	6010B		1	168889	10/15/14 13:14	EFH	TAL PLS
Total/NA	Prep	7471A			168770	10/14/14 08:55	ECT	TAL PLS
Total/NA	Analysis	7471A		1	168881	10/15/14 12:37	EFH	TAL PLS

TestAmerica Pleasanton

Lab Chronicle

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60446-1

Client Sample ID: PLSB-6-10

Lab Sample ID: 720-60446-3

Date Collected: 10/08/14 08:49

Matrix: Solid

Date Received: 10/08/14 18:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	Distill/CN			258647	10/10/14 13:00	EAT	TAL CHI
Total/NA	Analysis	SM 4500 CN E		1	258915		EAT	TAL CHI
					(Start)	10/11/14 12:58		
					(End)	10/11/14 12:58		

Client Sample ID: PLSB-6-15

Lab Sample ID: 720-60446-4

Date Collected: 10/08/14 08:56

Matrix: Solid

Date Received: 10/08/14 18:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			168557	10/08/14 23:50	LPL	TAL PLS
Total/NA	Analysis	8260B		1	168520	10/10/14 04:14	PDR	TAL PLS
Total/NA	Prep	3546			168633	10/10/14 16:44		TAL PLS
Total/NA	Analysis	8270C		1	168691	10/13/14 21:59	MQL	TAL PLS
Total/NA	Prep	3050B			168656	10/11/14 13:18	CTD	TAL PLS
Total/NA	Analysis	6010B		1	168790	10/14/14 11:54	EFH	TAL PLS
Total/NA	Prep	7471A			168770	10/14/14 08:55	ECT	TAL PLS
Total/NA	Analysis	7471A		1	168881	10/15/14 12:45	EFH	TAL PLS
Total/NA	Prep	Distill/CN			258647	10/10/14 13:00	EAT	TAL CHI
Total/NA	Analysis	SM 4500 CN E		1	258915		EAT	TAL CHI
					(Start)	10/11/14 12:58		
					(End)	10/11/14 12:58		

Client Sample ID: PLSB-8-10

Lab Sample ID: 720-60446-5

Date Collected: 10/08/14 10:21

Matrix: Solid

Date Received: 10/08/14 18:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			168557	10/08/14 23:50	LPL	TAL PLS
Total/NA	Analysis	8260B		1	168520	10/10/14 04:43	PDR	TAL PLS
Total/NA	Prep	3546			168633	10/10/14 16:44		TAL PLS
Total/NA	Analysis	8270C		1	168691	10/13/14 22:23	MQL	TAL PLS
Total/NA	Prep	3050B			168656	10/11/14 13:18	CTD	TAL PLS
Total/NA	Analysis	6010B		4	168757	10/14/14 02:21	SLK	TAL PLS
Total/NA	Prep	7471A			168770	10/14/14 08:55	ECT	TAL PLS
Total/NA	Analysis	7471A		1	168881	10/15/14 12:48	EFH	TAL PLS
Total/NA	Prep	Distill/CN			258647	10/10/14 13:00	EAT	TAL CHI
Total/NA	Analysis	SM 4500 CN E		1	258915		EAT	TAL CHI
					(Start)	10/11/14 12:58		
					(End)	10/11/14 12:59		

Lab Chronicle

Client: URS Corporation
 Project/Site: Philips San Jose

TestAmerica Job ID: 720-60446-1

Client Sample ID: PLSB-8-15

Lab Sample ID: 720-60446-6

Date Collected: 10/08/14 10:25

Matrix: Solid

Date Received: 10/08/14 18:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			168557	10/08/14 23:50	LPL	TAL PLS
Total/NA	Analysis	8260B		1	168520	10/10/14 05:13	PDR	TAL PLS
Total/NA	Prep	3546			168633	10/10/14 16:44		TAL PLS
Total/NA	Analysis	8270C		1	168691	10/13/14 22:47	MQL	TAL PLS
Total/NA	Prep	3050B			168656	10/11/14 13:18	CTD	TAL PLS
Total/NA	Analysis	6010B		1	168790	10/14/14 11:59	EFH	TAL PLS
Total/NA	Prep	7471A			168770	10/14/14 08:55	ECT	TAL PLS
Total/NA	Analysis	7471A		1	168881	10/15/14 12:50	EFH	TAL PLS
Total/NA	Prep	Distill/CN			258647	10/10/14 13:00	EAT	TAL CHI
Total/NA	Analysis	SM 4500 CN E		1	258915		EAT	TAL CHI
					(Start)	10/11/14 12:59		
					(End)	10/11/14 12:59		

Laboratory References:

TAL CHI = TestAmerica Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919



Certification Summary

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60446-1

Laboratory: TestAmerica Pleasanton

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

Authority	Program	EPA Region	Certification ID	Expiration Date
California	State Program	9	2496	01-31-16

Analysis Method	Prep Method	Matrix	Analyte

Laboratory: TestAmerica Chicago

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Alabama	State Program	4	40461	04-30-15
California	State Program	9	2903	04-30-15
Georgia	State Program	4	N/A	04-30-15
Georgia	State Program	4	939	04-30-15
Hawaii	State Program	9	N/A	04-30-15
Illinois	NELAP	5	100201	04-30-15
Indiana	State Program	5	C-IL-02	04-30-15
Iowa	State Program	7	82	05-01-16
Kansas	NELAP	7	E-10161	10-31-14 *
Kentucky (UST)	State Program	4	66	04-30-15
Kentucky (WW)	State Program	4	KY90023	12-31-14 *
Massachusetts	State Program	1	M-IL035	06-30-15
Mississippi	State Program	4	N/A	04-30-15
New York	NELAP	2	IL00035	03-31-15
North Carolina (WW/SW)	State Program	4	291	12-31-14 *
North Dakota	State Program	8	R-194	04-30-15
Oklahoma	State Program	6	8908	08-31-15
South Carolina	State Program	4	77001	04-30-15
USDA	Federal		P330-12-00038	02-06-15
Wisconsin	State Program	5	999580010	08-31-15 *
Wyoming	State Program	8	8TMS-Q	04-30-15

* Certification renewal pending - certification considered valid.

Method Summary

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60446-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL PLS
8270C	Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	SW846	TAL PLS
6010B	Metals (ICP)	SW846	TAL PLS
7471A	Mercury (CVAA)	SW846	TAL PLS
SM 4500 CN E	Cyanide, Total	SM	TAL CHI

Protocol References:

SM = "Standard Methods For The Examination Of Water And Wastewater",

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

Laboratory References:

TAL CHI = TestAmerica Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919



Sample Summary

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60446-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-60446-1	PLSB-4-10.5	Solid	10/07/14 16:54	10/08/14 18:45
720-60446-2	PLSB-4-17	Solid	10/07/14 17:07	10/08/14 18:45
720-60446-3	PLSB-6-10	Solid	10/08/14 08:49	10/08/14 18:45
720-60446-4	PLSB-6-15	Solid	10/08/14 08:56	10/08/14 18:45
720-60446-5	PLSB-8-10	Solid	10/08/14 10:21	10/08/14 18:45
720-60446-6	PLSB-8-15	Solid	10/08/14 10:25	10/08/14 18:45



TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING
720-60446

TESTAMERICA Pleasanton Chain of Custody
 1220 Quarry Lane • Pleasanton CA 94566-4756
 Phone: (925) 484-1919 • Fax: (925) 600-3002

Reference #: 156796

Date: 10/8/14 Page _____ of _____

10/16/2014

Report To

Attn: ERIK SKOV
 Company: VDS Corp
 Address: One Montgomery St 900, SF, CA 94104
 Email: Erik.Skov@VDS.com
 Bill To:
 Attn:
 Sample ID: _____ Date: _____ Time: _____ Mat: _____ Preserv: _____

Analysis Request

Volatile Organics GC/MS (VOCs)
 EPA 8260B
 HVOCs by EPA 8260B
 EPA 8260B: Gas BTEX
 5 Oxygenates DCA, EDB Ethanol
 TEPH EPA 8015B Silica Gel
 Diesel Motor Oil Other _____
 SemiVolatile Organics GC/MS
 EPA 8270C
 PNA/PAH's by 8270C
 8270C SIM
 Oil and Grease Petroleum
 (EPA 1664/9071) Total
 Pesticides EPA 8081
 PCBs EPA 8082
 CAM17 Metals
 (EPA 6010/7470/7471)
 Metals: 6010B 200.7
 Lead LUFT RCRA Other:
*see special instructions
 Metals: 6020 200.8
 (ICP-MS)
 W.E.T (STLC)
 W.E.T (DI) TCLP
 Hex. Chrom by EPA 7196
 or EPA 7199
 pH 9040
 SM4500
 Spec. Cond. Alkalinity
 TSS SS TDS
 Anions: Cl SO₄ NO₃ F
 Br NO₂ PO₄
Cyanide
 Perchlorate by EPA 8440
 COD EPA 410.4 SM5220D
 Turbidity

Sample ID	Date	Time	Mat	Preserv	Number of Containers
P15B-4-105	10/7/14	10:54	5	MeOH	4
P15B-4-17	10/7/14	17:07	5	MeOH	4
P15B-6-10	10/8/14	8:49	5	MeOH	4
P15B-6-15	10/8/14	8:56	5	MeOH	4
P15B-8-10	10/8/14	10:21	5	MeOH	4
P15B-8-15	10/8/14	10:25	5	MeOH	4

Project Info.

Project Name/ #: _____
 # of Containers: _____
 Head Space: _____
 PO#: _____
 Temp: 0.9/0.1/0.9
 Credit Card Y/N: _____
 If Yes, please call with payment information ASAP

1) Relinquished by:
 Signature: [Signature] Time: 1530
 Printed Name: Kevin Brunsger Date: 10/8/14
 Company: VDS

2) Relinquished by:
 Signature: [Signature] Time: 1845
 Printed Name: Colin Martinec Date: 10-8-14
 Company: FA

3) Relinquished by:
 Signature: _____ Time: _____
 Printed Name: _____ Date: _____
 Company: _____

Report: Routine Level 3 Level 4 EDD EDF
 Special Instructions / Comments: Global ID
*Cadmium, Mercury, Arsenic, Selenium, Chromium, Nickel, Copper, Lead, Manganese, Vanadium, Silver, Zinc
 See Terms and Conditions on reverse

Received by:
 Signature: [Signature] Time: 1530
 Printed Name: Colin Martinec Date: 10-8-14
 Company: FA

Received by:
 Signature: [Signature] Time: 1845
 Printed Name: Colin Martinec Date: 10/8/14
 Company: FA

Received by:
 Signature: _____ Time: _____
 Printed Name: _____ Date: _____
 Company: _____



Login Sample Receipt Checklist

Client: URS Corporation

Job Number: 720-60446-1

Login Number: 60446

List Source: TestAmerica Pleasanton

List Number: 1

Creator: Bullock, Tracy

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
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.	False	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received 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.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



Login Sample Receipt Checklist

Client: URS Corporation

Job Number: 720-60446-1

Login Number: 60446

List Number: 2

Creator: Kelsey, Shawn M

List Source: TestAmerica Chicago

List Creation: 10/10/14 12:12 PM

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are 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 containers received 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	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	



TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Pleasanton
1220 Quarry Lane
Pleasanton, CA 94566
Tel: (925)484-1919

TestAmerica Job ID: 720-60514-1
Client Project/Site: Philips San Jose

For:
URS Corporation
One Montgomery Street
Suite 900
San Francisco, California 94104-4538

Attn: Mr. Erik Skov



Authorized for release by:
10/21/2014 3:21:14 PM

Afsaneh Salimpour, Senior Project Manager
(925)484-1919
afsaneh.salimpour@testamericainc.com

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60514-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
F1	MS and/or MSD Recovery exceeds the control limits

GC/MS Semi VOA

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

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	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: Philips San Jose

TestAmerica Job ID: 720-60514-1

Job ID: 720-60514-1

Laboratory: TestAmerica Pleasanton

Narrative

Job Narrative
720-60514-1

Comments

No additional comments.

Receipt

The samples were received on 10/10/2014 6:45 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 4 coolers at receipt time were 0.5° C, 0.8° C, 0.9° C and 0.9° C.

Except:

The Chain-of-Custody (COC) was incomplete as received and/or improperly completed. Field Filtered is not noted on the COC, sample labels have Dissolved Metals written on them. Logged as previous project submissions as Dissolved (field filtered) Metals.

The container label for the following sample(s) did not match the information listed on the Chain-of-Custody (COC): PLSB-11. The poly 250 container for Dissolved metal the labels list sample ID: PLSB (10/10/14 @ 14:30), while the COC lists sample ID: PLSB-11 (10/10/14 @ 14:30).

GC/MS VOA

Method(s) 8260B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 169123 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

GC/MS Semi VOA

Method(s) 8270C: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch #168961 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

GC Semi VOA

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

Metals

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

General Chemistry

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

Organic Prep

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: Philips San Jose

TestAmerica Job ID: 720-60514-1

Client Sample ID: PLPB-7

Lab Sample ID: 720-60514-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mercury	0.00024		0.00020		mg/L	1		7470A	Dissolved

Client Sample ID: PLPB-6

Lab Sample ID: 720-60514-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Zinc	0.036		0.020		mg/L	1		6010B	Dissolved

Client Sample ID: PLSB-7

Lab Sample ID: 720-60514-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Zinc	0.044		0.020		mg/L	1		6010B	Dissolved

Client Sample ID: PLSB-10

Lab Sample ID: 720-60514-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Zinc	0.075		0.020		mg/L	1		6010B	Dissolved

Client Sample ID: PLPB-5

Lab Sample ID: 720-60514-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Zinc	0.021		0.020		mg/L	1		6010B	Dissolved

Client Sample ID: PLSB-11

Lab Sample ID: 720-60514-7

No Detections.

Client Sample ID: PLSB-12

Lab Sample ID: 720-60514-8

No Detections.

Client Sample ID: TB

Lab Sample ID: 720-60514-9

No Detections.

This Detection Summary does not include radiochemical test results.

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60514-1

Client Sample ID: PLPB-7

Lab Sample ID: 720-60514-1

Date Collected: 10/09/14 16:15

Matrix: Water

Date Received: 10/10/14 18:45

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			10/18/14 15:47	1
Acetone	ND		50		ug/L			10/18/14 15:47	1
Benzene	ND		0.50		ug/L			10/18/14 15:47	1
Dichlorobromomethane	ND		0.50		ug/L			10/18/14 15:47	1
Bromobenzene	ND		1.0		ug/L			10/18/14 15:47	1
Chlorobromomethane	ND		1.0		ug/L			10/18/14 15:47	1
Bromoform	ND		1.0		ug/L			10/18/14 15:47	1
Bromomethane	ND		1.0		ug/L			10/18/14 15:47	1
2-Butanone (MEK)	ND		50		ug/L			10/18/14 15:47	1
n-Butylbenzene	ND		1.0		ug/L			10/18/14 15:47	1
sec-Butylbenzene	ND		1.0		ug/L			10/18/14 15:47	1
tert-Butylbenzene	ND		1.0		ug/L			10/18/14 15:47	1
Carbon disulfide	ND		5.0		ug/L			10/18/14 15:47	1
Carbon tetrachloride	ND		0.50		ug/L			10/18/14 15:47	1
Chlorobenzene	ND		0.50		ug/L			10/18/14 15:47	1
Chloroethane	ND		1.0		ug/L			10/18/14 15:47	1
Chloroform	ND		1.0		ug/L			10/18/14 15:47	1
Chloromethane	ND		1.0		ug/L			10/18/14 15:47	1
2-Chlorotoluene	ND		0.50		ug/L			10/18/14 15:47	1
4-Chlorotoluene	ND		0.50		ug/L			10/18/14 15:47	1
Chlorodibromomethane	ND		0.50		ug/L			10/18/14 15:47	1
1,2-Dichlorobenzene	ND		0.50		ug/L			10/18/14 15:47	1
1,3-Dichlorobenzene	ND		0.50		ug/L			10/18/14 15:47	1
1,4-Dichlorobenzene	ND		0.50		ug/L			10/18/14 15:47	1
1,3-Dichloropropane	ND		1.0		ug/L			10/18/14 15:47	1
1,1-Dichloropropene	ND		0.50		ug/L			10/18/14 15:47	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			10/18/14 15:47	1
Ethylene Dibromide	ND		0.50		ug/L			10/18/14 15:47	1
Dibromomethane	ND		0.50		ug/L			10/18/14 15:47	1
Dichlorodifluoromethane	ND		0.50		ug/L			10/18/14 15:47	1
1,1-Dichloroethane	ND		0.50		ug/L			10/18/14 15:47	1
1,2-Dichloroethane	ND		0.50		ug/L			10/18/14 15:47	1
1,1-Dichloroethene	ND		0.50		ug/L			10/18/14 15:47	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			10/18/14 15:47	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			10/18/14 15:47	1
1,2-Dichloropropane	ND		0.50		ug/L			10/18/14 15:47	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			10/18/14 15:47	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			10/18/14 15:47	1
Ethylbenzene	ND		0.50		ug/L			10/18/14 15:47	1
Hexachlorobutadiene	ND		1.0		ug/L			10/18/14 15:47	1
2-Hexanone	ND		50		ug/L			10/18/14 15:47	1
Isopropylbenzene	ND		0.50		ug/L			10/18/14 15:47	1
4-Isopropyltoluene	ND		1.0		ug/L			10/18/14 15:47	1
Methylene Chloride	ND		5.0		ug/L			10/18/14 15:47	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			10/18/14 15:47	1
Naphthalene	ND		1.0		ug/L			10/18/14 15:47	1
N-Propylbenzene	ND		1.0		ug/L			10/18/14 15:47	1
Styrene	ND		0.50		ug/L			10/18/14 15:47	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			10/18/14 15:47	1

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60514-1

Client Sample ID: PLPB-7

Lab Sample ID: 720-60514-1

Date Collected: 10/09/14 16:15

Matrix: Water

Date Received: 10/10/14 18:45

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			10/18/14 15:47	1
Tetrachloroethene	ND		0.50		ug/L			10/18/14 15:47	1
Toluene	ND		0.50		ug/L			10/18/14 15:47	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			10/18/14 15:47	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			10/18/14 15:47	1
1,1,1-Trichloroethane	ND		0.50		ug/L			10/18/14 15:47	1
1,1,2-Trichloroethane	ND		0.50		ug/L			10/18/14 15:47	1
Trichloroethene	ND		0.50		ug/L			10/18/14 15:47	1
Trichlorofluoromethane	ND		1.0		ug/L			10/18/14 15:47	1
1,2,3-Trichloropropane	ND		0.50		ug/L			10/18/14 15:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			10/18/14 15:47	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			10/18/14 15:47	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			10/18/14 15:47	1
Vinyl acetate	ND		10		ug/L			10/18/14 15:47	1
Vinyl chloride	ND		0.50		ug/L			10/18/14 15:47	1
Xylenes, Total	ND		1.0		ug/L			10/18/14 15:47	1
2,2-Dichloropropane	ND		0.50		ug/L			10/18/14 15:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	106		67 - 130		10/18/14 15:47	1
1,2-Dichloroethane-d4 (Surr)	106		72 - 130		10/18/14 15:47	1
Toluene-d8 (Surr)	92		70 - 130		10/18/14 15:47	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		2.0		ug/L		10/14/14 14:03	10/16/14 15:30	1
Bis(2-chloroethyl)ether	ND		2.0		ug/L		10/14/14 14:03	10/16/14 15:30	1
2-Chlorophenol	ND		4.1		ug/L		10/14/14 14:03	10/16/14 15:30	1
1,3-Dichlorobenzene	ND		2.0		ug/L		10/14/14 14:03	10/16/14 15:30	1
1,4-Dichlorobenzene	ND		2.0		ug/L		10/14/14 14:03	10/16/14 15:30	1
Benzyl alcohol	ND		5.1		ug/L		10/14/14 14:03	10/16/14 15:30	1
1,2-Dichlorobenzene	ND		2.0		ug/L		10/14/14 14:03	10/16/14 15:30	1
2-Methylphenol	ND		4.1		ug/L		10/14/14 14:03	10/16/14 15:30	1
4-Methylphenol	ND		8.1		ug/L		10/14/14 14:03	10/16/14 15:30	1
N-Nitrosodi-n-propylamine	ND		2.0		ug/L		10/14/14 14:03	10/16/14 15:30	1
Hexachloroethane	ND		2.0		ug/L		10/14/14 14:03	10/16/14 15:30	1
Nitrobenzene	ND		2.0		ug/L		10/14/14 14:03	10/16/14 15:30	1
Isophorone	ND		4.1		ug/L		10/14/14 14:03	10/16/14 15:30	1
2-Nitrophenol	ND		2.0		ug/L		10/14/14 14:03	10/16/14 15:30	1
2,4-Dimethylphenol	ND		3.0		ug/L		10/14/14 14:03	10/16/14 15:30	1
Bis(2-chloroethoxy)methane	ND		5.1		ug/L		10/14/14 14:03	10/16/14 15:30	1
2,4-Dichlorophenol	ND		5.1		ug/L		10/14/14 14:03	10/16/14 15:30	1
1,2,4-Trichlorobenzene	ND		2.0		ug/L		10/14/14 14:03	10/16/14 15:30	1
Naphthalene	ND		2.0		ug/L		10/14/14 14:03	10/16/14 15:30	1
4-Chloroaniline	ND		2.0		ug/L		10/14/14 14:03	10/16/14 15:30	1
Hexachlorobutadiene	ND		2.0		ug/L		10/14/14 14:03	10/16/14 15:30	1
4-Chloro-3-methylphenol	ND		5.1		ug/L		10/14/14 14:03	10/16/14 15:30	1
2-Methylnaphthalene	ND		2.0		ug/L		10/14/14 14:03	10/16/14 15:30	1
Hexachlorocyclopentadiene	ND		5.1		ug/L		10/14/14 14:03	10/16/14 15:30	1
2,4,6-Trichlorophenol	ND		2.0		ug/L		10/14/14 14:03	10/16/14 15:30	1

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60514-1

Client Sample ID: PLPB-7

Lab Sample ID: 720-60514-1

Date Collected: 10/09/14 16:15

Matrix: Water

Date Received: 10/10/14 18:45

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.1		ug/L		10/14/14 14:03	10/16/14 15:30	1
2-Chloronaphthalene	ND		4.1		ug/L		10/14/14 14:03	10/16/14 15:30	1
2-Nitroaniline	ND		10		ug/L		10/14/14 14:03	10/16/14 15:30	1
Dimethyl phthalate	ND		5.1		ug/L		10/14/14 14:03	10/16/14 15:30	1
Acenaphthylene	ND		4.1		ug/L		10/14/14 14:03	10/16/14 15:30	1
3-Nitroaniline	ND		5.1		ug/L		10/14/14 14:03	10/16/14 15:30	1
Acenaphthene	ND		2.0		ug/L		10/14/14 14:03	10/16/14 15:30	1
2,4-Dinitrophenol	ND		10		ug/L		10/14/14 14:03	10/16/14 15:30	1
4-Nitrophenol	ND		10		ug/L		10/14/14 14:03	10/16/14 15:30	1
Dibenzofuran	ND		4.1		ug/L		10/14/14 14:03	10/16/14 15:30	1
2,4-Dinitrotoluene	ND		4.1		ug/L		10/14/14 14:03	10/16/14 15:30	1
2,6-Dinitrotoluene	ND		5.1		ug/L		10/14/14 14:03	10/16/14 15:30	1
Diethyl phthalate	ND		5.1		ug/L		10/14/14 14:03	10/16/14 15:30	1
4-Chlorophenyl phenyl ether	ND		5.1		ug/L		10/14/14 14:03	10/16/14 15:30	1
Fluorene	ND		4.1		ug/L		10/14/14 14:03	10/16/14 15:30	1
4-Nitroaniline	ND		10		ug/L		10/14/14 14:03	10/16/14 15:30	1
2-Methyl-4,6-dinitrophenol	ND		10		ug/L		10/14/14 14:03	10/16/14 15:30	1
N-Nitrosodiphenylamine	ND		2.0		ug/L		10/14/14 14:03	10/16/14 15:30	1
4-Bromophenyl phenyl ether	ND		5.1		ug/L		10/14/14 14:03	10/16/14 15:30	1
Hexachlorobenzene	ND		2.0		ug/L		10/14/14 14:03	10/16/14 15:30	1
Pentachlorophenol	ND		10		ug/L		10/14/14 14:03	10/16/14 15:30	1
Phenanthrene	ND		2.0		ug/L		10/14/14 14:03	10/16/14 15:30	1
Anthracene	ND		2.0		ug/L		10/14/14 14:03	10/16/14 15:30	1
Di-n-butyl phthalate	ND		5.1		ug/L		10/14/14 14:03	10/16/14 15:30	1
Fluoranthene	ND		2.0		ug/L		10/14/14 14:03	10/16/14 15:30	1
Pyrene	ND		2.0		ug/L		10/14/14 14:03	10/16/14 15:30	1
Butyl benzyl phthalate	ND		5.1		ug/L		10/14/14 14:03	10/16/14 15:30	1
3,3'-Dichlorobenzidine	ND		5.1		ug/L		10/14/14 14:03	10/16/14 15:30	1
Benzo[a]anthracene	ND		5.1		ug/L		10/14/14 14:03	10/16/14 15:30	1
Bis(2-ethylhexyl) phthalate	ND		10		ug/L		10/14/14 14:03	10/16/14 15:30	1
Chrysene	ND		2.0		ug/L		10/14/14 14:03	10/16/14 15:30	1
Di-n-octyl phthalate	ND		5.1		ug/L		10/14/14 14:03	10/16/14 15:30	1
Benzo[b]fluoranthene	ND		2.0		ug/L		10/14/14 14:03	10/16/14 15:30	1
Benzo[a]pyrene	ND		2.0		ug/L		10/14/14 14:03	10/16/14 15:30	1
Benzo[k]fluoranthene	ND		2.0		ug/L		10/14/14 14:03	10/16/14 15:30	1
Indeno[1,2,3-cd]pyrene	ND		2.0		ug/L		10/14/14 14:03	10/16/14 15:30	1
Benzo[g,h,i]perylene	ND		2.0		ug/L		10/14/14 14:03	10/16/14 15:30	1
Benzoic acid	ND		10		ug/L		10/14/14 14:03	10/16/14 15:30	1
Azobenzene	ND		2.0		ug/L		10/14/14 14:03	10/16/14 15:30	1
Dibenz(a,h)anthracene	ND		2.0		ug/L		10/14/14 14:03	10/16/14 15:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	47		11 - 92	10/14/14 14:03	10/16/14 15:30	1
2-Fluorobiphenyl	45		10 - 101	10/14/14 14:03	10/16/14 15:30	1
Terphenyl-d14	73		34 - 128	10/14/14 14:03	10/16/14 15:30	1
2-Fluorophenol	19		10 - 65	10/14/14 14:03	10/16/14 15:30	1
Phenol-d5	12		10 - 46	10/14/14 14:03	10/16/14 15:30	1
2,4,6-Tribromophenol	48		17 - 115	10/14/14 14:03	10/16/14 15:30	1

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
 Project/Site: Philips San Jose

TestAmerica Job ID: 720-60514-1

Client Sample ID: PLPB-7

Lab Sample ID: 720-60514-1

Date Collected: 10/09/14 16:15

Matrix: Water

Date Received: 10/10/14 18:45

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Jet Fuel Range Organics [C9-C19]	ND		50		ug/L		10/15/14 18:40	10/16/14 18:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>p-Terphenyl</i>	95		23 - 156				10/15/14 18:40	10/16/14 18:09	1

Method: 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.010		mg/L		10/14/14 17:46	10/15/14 13:25	1
Arsenic	ND		0.010		mg/L		10/14/14 17:46	10/15/14 13:25	1
Beryllium	ND		0.0020		mg/L		10/14/14 17:46	10/15/14 13:25	1
Cadmium	ND		0.0020		mg/L		10/14/14 17:46	10/15/14 13:25	1
Chromium	ND		0.010		mg/L		10/14/14 17:46	10/15/14 13:25	1
Copper	ND		0.020		mg/L		10/14/14 17:46	10/15/14 13:25	1
Lead	ND		0.0050		mg/L		10/14/14 17:46	10/15/14 13:25	1
Nickel	ND		0.010		mg/L		10/14/14 17:46	10/15/14 13:25	1
Selenium	ND		0.020		mg/L		10/14/14 17:46	10/15/14 13:25	1
Silver	ND		0.0050		mg/L		10/14/14 17:46	10/15/14 13:25	1
Zinc	ND		0.020		mg/L		10/14/14 17:46	10/15/14 13:25	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00024		0.00020		mg/L		10/17/14 10:33	10/17/14 20:25	1

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60514-1

Client Sample ID: PLPB-6

Lab Sample ID: 720-60514-2

Date Collected: 10/09/14 17:25

Matrix: Water

Date Received: 10/10/14 18:45

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			10/18/14 16:15	1
Acetone	ND		50		ug/L			10/18/14 16:15	1
Benzene	ND		0.50		ug/L			10/18/14 16:15	1
Dichlorobromomethane	ND		0.50		ug/L			10/18/14 16:15	1
Bromobenzene	ND		1.0		ug/L			10/18/14 16:15	1
Chlorobromomethane	ND		1.0		ug/L			10/18/14 16:15	1
Bromoform	ND		1.0		ug/L			10/18/14 16:15	1
Bromomethane	ND		1.0		ug/L			10/18/14 16:15	1
2-Butanone (MEK)	ND		50		ug/L			10/18/14 16:15	1
n-Butylbenzene	ND		1.0		ug/L			10/18/14 16:15	1
sec-Butylbenzene	ND		1.0		ug/L			10/18/14 16:15	1
tert-Butylbenzene	ND		1.0		ug/L			10/18/14 16:15	1
Carbon disulfide	ND		5.0		ug/L			10/18/14 16:15	1
Carbon tetrachloride	ND		0.50		ug/L			10/18/14 16:15	1
Chlorobenzene	ND		0.50		ug/L			10/18/14 16:15	1
Chloroethane	ND		1.0		ug/L			10/18/14 16:15	1
Chloroform	ND		1.0		ug/L			10/18/14 16:15	1
Chloromethane	ND		1.0		ug/L			10/18/14 16:15	1
2-Chlorotoluene	ND		0.50		ug/L			10/18/14 16:15	1
4-Chlorotoluene	ND		0.50		ug/L			10/18/14 16:15	1
Chlorodibromomethane	ND		0.50		ug/L			10/18/14 16:15	1
1,2-Dichlorobenzene	ND		0.50		ug/L			10/18/14 16:15	1
1,3-Dichlorobenzene	ND		0.50		ug/L			10/18/14 16:15	1
1,4-Dichlorobenzene	ND		0.50		ug/L			10/18/14 16:15	1
1,3-Dichloropropane	ND		1.0		ug/L			10/18/14 16:15	1
1,1-Dichloropropene	ND		0.50		ug/L			10/18/14 16:15	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			10/18/14 16:15	1
Ethylene Dibromide	ND		0.50		ug/L			10/18/14 16:15	1
Dibromomethane	ND		0.50		ug/L			10/18/14 16:15	1
Dichlorodifluoromethane	ND		0.50		ug/L			10/18/14 16:15	1
1,1-Dichloroethane	ND		0.50		ug/L			10/18/14 16:15	1
1,2-Dichloroethane	ND		0.50		ug/L			10/18/14 16:15	1
1,1-Dichloroethene	ND		0.50		ug/L			10/18/14 16:15	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			10/18/14 16:15	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			10/18/14 16:15	1
1,2-Dichloropropane	ND		0.50		ug/L			10/18/14 16:15	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			10/18/14 16:15	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			10/18/14 16:15	1
Ethylbenzene	ND		0.50		ug/L			10/18/14 16:15	1
Hexachlorobutadiene	ND		1.0		ug/L			10/18/14 16:15	1
2-Hexanone	ND		50		ug/L			10/18/14 16:15	1
Isopropylbenzene	ND		0.50		ug/L			10/18/14 16:15	1
4-Isopropyltoluene	ND		1.0		ug/L			10/18/14 16:15	1
Methylene Chloride	ND		5.0		ug/L			10/18/14 16:15	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			10/18/14 16:15	1
Naphthalene	ND		1.0		ug/L			10/18/14 16:15	1
N-Propylbenzene	ND		1.0		ug/L			10/18/14 16:15	1
Styrene	ND		0.50		ug/L			10/18/14 16:15	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			10/18/14 16:15	1

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60514-1

Client Sample ID: PLPB-6

Lab Sample ID: 720-60514-2

Date Collected: 10/09/14 17:25

Matrix: Water

Date Received: 10/10/14 18:45

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			10/18/14 16:15	1
Tetrachloroethene	ND		0.50		ug/L			10/18/14 16:15	1
Toluene	ND		0.50		ug/L			10/18/14 16:15	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			10/18/14 16:15	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			10/18/14 16:15	1
1,1,1-Trichloroethane	ND		0.50		ug/L			10/18/14 16:15	1
1,1,2-Trichloroethane	ND		0.50		ug/L			10/18/14 16:15	1
Trichloroethene	ND		0.50		ug/L			10/18/14 16:15	1
Trichlorofluoromethane	ND		1.0		ug/L			10/18/14 16:15	1
1,2,3-Trichloropropane	ND		0.50		ug/L			10/18/14 16:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			10/18/14 16:15	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			10/18/14 16:15	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			10/18/14 16:15	1
Vinyl acetate	ND		10		ug/L			10/18/14 16:15	1
Vinyl chloride	ND		0.50		ug/L			10/18/14 16:15	1
Xylenes, Total	ND		1.0		ug/L			10/18/14 16:15	1
2,2-Dichloropropane	ND		0.50		ug/L			10/18/14 16:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	105		67 - 130		10/18/14 16:15	1
1,2-Dichloroethane-d4 (Surr)	109		72 - 130		10/18/14 16:15	1
Toluene-d8 (Surr)	90		70 - 130		10/18/14 16:15	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		2.1		ug/L		10/14/14 14:03	10/16/14 15:54	1
Bis(2-chloroethyl)ether	ND		2.1		ug/L		10/14/14 14:03	10/16/14 15:54	1
2-Chlorophenol	ND		4.1		ug/L		10/14/14 14:03	10/16/14 15:54	1
1,3-Dichlorobenzene	ND		2.1		ug/L		10/14/14 14:03	10/16/14 15:54	1
1,4-Dichlorobenzene	ND		2.1		ug/L		10/14/14 14:03	10/16/14 15:54	1
Benzyl alcohol	ND		5.2		ug/L		10/14/14 14:03	10/16/14 15:54	1
1,2-Dichlorobenzene	ND		2.1		ug/L		10/14/14 14:03	10/16/14 15:54	1
2-Methylphenol	ND		4.1		ug/L		10/14/14 14:03	10/16/14 15:54	1
4-Methylphenol	ND		8.3		ug/L		10/14/14 14:03	10/16/14 15:54	1
N-Nitrosodi-n-propylamine	ND		2.1		ug/L		10/14/14 14:03	10/16/14 15:54	1
Hexachloroethane	ND		2.1		ug/L		10/14/14 14:03	10/16/14 15:54	1
Nitrobenzene	ND		2.1		ug/L		10/14/14 14:03	10/16/14 15:54	1
Isophorone	ND		4.1		ug/L		10/14/14 14:03	10/16/14 15:54	1
2-Nitrophenol	ND		2.1		ug/L		10/14/14 14:03	10/16/14 15:54	1
2,4-Dimethylphenol	ND		3.1		ug/L		10/14/14 14:03	10/16/14 15:54	1
Bis(2-chloroethoxy)methane	ND		5.2		ug/L		10/14/14 14:03	10/16/14 15:54	1
2,4-Dichlorophenol	ND		5.2		ug/L		10/14/14 14:03	10/16/14 15:54	1
1,2,4-Trichlorobenzene	ND		2.1		ug/L		10/14/14 14:03	10/16/14 15:54	1
Naphthalene	ND		2.1		ug/L		10/14/14 14:03	10/16/14 15:54	1
4-Chloroaniline	ND		2.1		ug/L		10/14/14 14:03	10/16/14 15:54	1
Hexachlorobutadiene	ND		2.1		ug/L		10/14/14 14:03	10/16/14 15:54	1
4-Chloro-3-methylphenol	ND		5.2		ug/L		10/14/14 14:03	10/16/14 15:54	1
2-Methylnaphthalene	ND		2.1		ug/L		10/14/14 14:03	10/16/14 15:54	1
Hexachlorocyclopentadiene	ND		5.2		ug/L		10/14/14 14:03	10/16/14 15:54	1
2,4,6-Trichlorophenol	ND		2.1		ug/L		10/14/14 14:03	10/16/14 15:54	1

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60514-1

Client Sample ID: PLPB-6

Lab Sample ID: 720-60514-2

Date Collected: 10/09/14 17:25

Matrix: Water

Date Received: 10/10/14 18:45

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.1		ug/L		10/14/14 14:03	10/16/14 15:54	1
2-Chloronaphthalene	ND		4.1		ug/L		10/14/14 14:03	10/16/14 15:54	1
2-Nitroaniline	ND		10		ug/L		10/14/14 14:03	10/16/14 15:54	1
Dimethyl phthalate	ND		5.2		ug/L		10/14/14 14:03	10/16/14 15:54	1
Acenaphthylene	ND		4.1		ug/L		10/14/14 14:03	10/16/14 15:54	1
3-Nitroaniline	ND		5.2		ug/L		10/14/14 14:03	10/16/14 15:54	1
Acenaphthene	ND		2.1		ug/L		10/14/14 14:03	10/16/14 15:54	1
2,4-Dinitrophenol	ND		10		ug/L		10/14/14 14:03	10/16/14 15:54	1
4-Nitrophenol	ND		10		ug/L		10/14/14 14:03	10/16/14 15:54	1
Dibenzofuran	ND		4.1		ug/L		10/14/14 14:03	10/16/14 15:54	1
2,4-Dinitrotoluene	ND		4.1		ug/L		10/14/14 14:03	10/16/14 15:54	1
2,6-Dinitrotoluene	ND		5.2		ug/L		10/14/14 14:03	10/16/14 15:54	1
Diethyl phthalate	ND		5.2		ug/L		10/14/14 14:03	10/16/14 15:54	1
4-Chlorophenyl phenyl ether	ND		5.2		ug/L		10/14/14 14:03	10/16/14 15:54	1
Fluorene	ND		4.1		ug/L		10/14/14 14:03	10/16/14 15:54	1
4-Nitroaniline	ND		10		ug/L		10/14/14 14:03	10/16/14 15:54	1
2-Methyl-4,6-dinitrophenol	ND		10		ug/L		10/14/14 14:03	10/16/14 15:54	1
N-Nitrosodiphenylamine	ND		2.1		ug/L		10/14/14 14:03	10/16/14 15:54	1
4-Bromophenyl phenyl ether	ND		5.2		ug/L		10/14/14 14:03	10/16/14 15:54	1
Hexachlorobenzene	ND		2.1		ug/L		10/14/14 14:03	10/16/14 15:54	1
Pentachlorophenol	ND		10		ug/L		10/14/14 14:03	10/16/14 15:54	1
Phenanthrene	ND		2.1		ug/L		10/14/14 14:03	10/16/14 15:54	1
Anthracene	ND		2.1		ug/L		10/14/14 14:03	10/16/14 15:54	1
Di-n-butyl phthalate	ND		5.2		ug/L		10/14/14 14:03	10/16/14 15:54	1
Fluoranthene	ND		2.1		ug/L		10/14/14 14:03	10/16/14 15:54	1
Pyrene	ND		2.1		ug/L		10/14/14 14:03	10/16/14 15:54	1
Butyl benzyl phthalate	ND		5.2		ug/L		10/14/14 14:03	10/16/14 15:54	1
3,3'-Dichlorobenzidine	ND		5.2		ug/L		10/14/14 14:03	10/16/14 15:54	1
Benzo[a]anthracene	ND		5.2		ug/L		10/14/14 14:03	10/16/14 15:54	1
Bis(2-ethylhexyl) phthalate	ND		10		ug/L		10/14/14 14:03	10/16/14 15:54	1
Chrysene	ND		2.1		ug/L		10/14/14 14:03	10/16/14 15:54	1
Di-n-octyl phthalate	ND		5.2		ug/L		10/14/14 14:03	10/16/14 15:54	1
Benzo[b]fluoranthene	ND		2.1		ug/L		10/14/14 14:03	10/16/14 15:54	1
Benzo[a]pyrene	ND		2.1		ug/L		10/14/14 14:03	10/16/14 15:54	1
Benzo[k]fluoranthene	ND		2.1		ug/L		10/14/14 14:03	10/16/14 15:54	1
Indeno[1,2,3-cd]pyrene	ND		2.1		ug/L		10/14/14 14:03	10/16/14 15:54	1
Benzo[g,h,i]perylene	ND		2.1		ug/L		10/14/14 14:03	10/16/14 15:54	1
Benzoic acid	ND		10		ug/L		10/14/14 14:03	10/16/14 15:54	1
Azobenzene	ND		2.1		ug/L		10/14/14 14:03	10/16/14 15:54	1
Dibenz(a,h)anthracene	ND		2.1		ug/L		10/14/14 14:03	10/16/14 15:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	52		11 - 92	10/14/14 14:03	10/16/14 15:54	1
2-Fluorobiphenyl	47		10 - 101	10/14/14 14:03	10/16/14 15:54	1
Terphenyl-d14	55		34 - 128	10/14/14 14:03	10/16/14 15:54	1
2-Fluorophenol	20		10 - 65	10/14/14 14:03	10/16/14 15:54	1
Phenol-d5	14		10 - 46	10/14/14 14:03	10/16/14 15:54	1
2,4,6-Tribromophenol	52		17 - 115	10/14/14 14:03	10/16/14 15:54	1

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
 Project/Site: Philips San Jose

TestAmerica Job ID: 720-60514-1

Client Sample ID: PLPB-6

Lab Sample ID: 720-60514-2

Date Collected: 10/09/14 17:25

Matrix: Water

Date Received: 10/10/14 18:45

Method: 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.010		mg/L		10/14/14 17:46	10/15/14 16:36	1
Arsenic	ND		0.010		mg/L		10/14/14 17:46	10/15/14 16:36	1
Beryllium	ND		0.0020		mg/L		10/14/14 17:46	10/15/14 16:36	1
Cadmium	ND		0.0020		mg/L		10/14/14 17:46	10/15/14 16:36	1
Chromium	ND		0.010		mg/L		10/14/14 17:46	10/15/14 16:36	1
Copper	ND		0.020		mg/L		10/14/14 17:46	10/15/14 16:36	1
Lead	ND		0.0050		mg/L		10/14/14 17:46	10/15/14 16:36	1
Nickel	ND		0.010		mg/L		10/14/14 17:46	10/15/14 16:36	1
Selenium	ND		0.020		mg/L		10/14/14 17:46	10/15/14 16:36	1
Silver	ND		0.0050		mg/L		10/14/14 17:46	10/15/14 16:36	1
Zinc	0.036		0.020		mg/L		10/14/14 17:46	10/15/14 16:36	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		10/17/14 10:33	10/17/14 20:28	1

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60514-1

Client Sample ID: PLSB-7

Lab Sample ID: 720-60514-4

Date Collected: 10/10/14 09:00

Matrix: Water

Date Received: 10/10/14 18:45

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			10/18/14 17:12	1
Acetone	ND		50		ug/L			10/18/14 17:12	1
Benzene	ND		0.50		ug/L			10/18/14 17:12	1
Dichlorobromomethane	ND		0.50		ug/L			10/18/14 17:12	1
Bromobenzene	ND		1.0		ug/L			10/18/14 17:12	1
Chlorobromomethane	ND		1.0		ug/L			10/18/14 17:12	1
Bromoform	ND		1.0		ug/L			10/18/14 17:12	1
Bromomethane	ND		1.0		ug/L			10/18/14 17:12	1
2-Butanone (MEK)	ND		50		ug/L			10/18/14 17:12	1
n-Butylbenzene	ND		1.0		ug/L			10/18/14 17:12	1
sec-Butylbenzene	ND		1.0		ug/L			10/18/14 17:12	1
tert-Butylbenzene	ND		1.0		ug/L			10/18/14 17:12	1
Carbon disulfide	ND		5.0		ug/L			10/18/14 17:12	1
Carbon tetrachloride	ND		0.50		ug/L			10/18/14 17:12	1
Chlorobenzene	ND		0.50		ug/L			10/18/14 17:12	1
Chloroethane	ND		1.0		ug/L			10/18/14 17:12	1
Chloroform	ND		1.0		ug/L			10/18/14 17:12	1
Chloromethane	ND		1.0		ug/L			10/18/14 17:12	1
2-Chlorotoluene	ND		0.50		ug/L			10/18/14 17:12	1
4-Chlorotoluene	ND		0.50		ug/L			10/18/14 17:12	1
Chlorodibromomethane	ND		0.50		ug/L			10/18/14 17:12	1
1,2-Dichlorobenzene	ND		0.50		ug/L			10/18/14 17:12	1
1,3-Dichlorobenzene	ND		0.50		ug/L			10/18/14 17:12	1
1,4-Dichlorobenzene	ND		0.50		ug/L			10/18/14 17:12	1
1,3-Dichloropropane	ND		1.0		ug/L			10/18/14 17:12	1
1,1-Dichloropropene	ND		0.50		ug/L			10/18/14 17:12	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			10/18/14 17:12	1
Ethylene Dibromide	ND		0.50		ug/L			10/18/14 17:12	1
Dibromomethane	ND		0.50		ug/L			10/18/14 17:12	1
Dichlorodifluoromethane	ND		0.50		ug/L			10/18/14 17:12	1
1,1-Dichloroethane	ND		0.50		ug/L			10/18/14 17:12	1
1,2-Dichloroethane	ND		0.50		ug/L			10/18/14 17:12	1
1,1-Dichloroethene	ND		0.50		ug/L			10/18/14 17:12	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			10/18/14 17:12	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			10/18/14 17:12	1
1,2-Dichloropropane	ND		0.50		ug/L			10/18/14 17:12	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			10/18/14 17:12	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			10/18/14 17:12	1
Ethylbenzene	ND		0.50		ug/L			10/18/14 17:12	1
Hexachlorobutadiene	ND		1.0		ug/L			10/18/14 17:12	1
2-Hexanone	ND		50		ug/L			10/18/14 17:12	1
Isopropylbenzene	ND		0.50		ug/L			10/18/14 17:12	1
4-Isopropyltoluene	ND		1.0		ug/L			10/18/14 17:12	1
Methylene Chloride	ND		5.0		ug/L			10/18/14 17:12	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			10/18/14 17:12	1
Naphthalene	ND		1.0		ug/L			10/18/14 17:12	1
N-Propylbenzene	ND		1.0		ug/L			10/18/14 17:12	1
Styrene	ND		0.50		ug/L			10/18/14 17:12	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			10/18/14 17:12	1

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60514-1

Client Sample ID: PLSB-7

Lab Sample ID: 720-60514-4

Date Collected: 10/10/14 09:00

Matrix: Water

Date Received: 10/10/14 18:45

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			10/18/14 17:12	1
Tetrachloroethene	ND		0.50		ug/L			10/18/14 17:12	1
Toluene	ND		0.50		ug/L			10/18/14 17:12	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			10/18/14 17:12	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			10/18/14 17:12	1
1,1,1-Trichloroethane	ND		0.50		ug/L			10/18/14 17:12	1
1,1,2-Trichloroethane	ND		0.50		ug/L			10/18/14 17:12	1
Trichloroethene	ND		0.50		ug/L			10/18/14 17:12	1
Trichlorofluoromethane	ND		1.0		ug/L			10/18/14 17:12	1
1,2,3-Trichloropropane	ND		0.50		ug/L			10/18/14 17:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			10/18/14 17:12	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			10/18/14 17:12	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			10/18/14 17:12	1
Vinyl acetate	ND		10		ug/L			10/18/14 17:12	1
Vinyl chloride	ND		0.50		ug/L			10/18/14 17:12	1
Xylenes, Total	ND		1.0		ug/L			10/18/14 17:12	1
2,2-Dichloropropane	ND		0.50		ug/L			10/18/14 17:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	106		67 - 130		10/18/14 17:12	1
1,2-Dichloroethane-d4 (Surr)	109		72 - 130		10/18/14 17:12	1
Toluene-d8 (Surr)	91		70 - 130		10/18/14 17:12	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		2.0		ug/L		10/16/14 10:12	10/17/14 00:16	1
Bis(2-chloroethyl)ether	ND		2.0		ug/L		10/16/14 10:12	10/17/14 00:16	1
2-Chlorophenol	ND		4.0		ug/L		10/16/14 10:12	10/17/14 00:16	1
1,3-Dichlorobenzene	ND		2.0		ug/L		10/16/14 10:12	10/17/14 00:16	1
1,4-Dichlorobenzene	ND		2.0		ug/L		10/16/14 10:12	10/17/14 00:16	1
Benzyl alcohol	ND		5.0		ug/L		10/16/14 10:12	10/17/14 00:16	1
1,2-Dichlorobenzene	ND		2.0		ug/L		10/16/14 10:12	10/17/14 00:16	1
2-Methylphenol	ND		4.0		ug/L		10/16/14 10:12	10/17/14 00:16	1
4-Methylphenol	ND		8.0		ug/L		10/16/14 10:12	10/17/14 00:16	1
N-Nitrosodi-n-propylamine	ND		2.0		ug/L		10/16/14 10:12	10/17/14 00:16	1
Hexachloroethane	ND		2.0		ug/L		10/16/14 10:12	10/17/14 00:16	1
Nitrobenzene	ND		2.0		ug/L		10/16/14 10:12	10/17/14 00:16	1
Isophorone	ND		4.0		ug/L		10/16/14 10:12	10/17/14 00:16	1
2-Nitrophenol	ND		2.0		ug/L		10/16/14 10:12	10/17/14 00:16	1
2,4-Dimethylphenol	ND		3.0		ug/L		10/16/14 10:12	10/17/14 00:16	1
Bis(2-chloroethoxy)methane	ND		5.0		ug/L		10/16/14 10:12	10/17/14 00:16	1
2,4-Dichlorophenol	ND		5.0		ug/L		10/16/14 10:12	10/17/14 00:16	1
1,2,4-Trichlorobenzene	ND		2.0		ug/L		10/16/14 10:12	10/17/14 00:16	1
Naphthalene	ND		2.0		ug/L		10/16/14 10:12	10/17/14 00:16	1
4-Chloroaniline	ND		2.0		ug/L		10/16/14 10:12	10/17/14 00:16	1
Hexachlorobutadiene	ND		2.0		ug/L		10/16/14 10:12	10/17/14 00:16	1
4-Chloro-3-methylphenol	ND		5.0		ug/L		10/16/14 10:12	10/17/14 00:16	1
2-Methylnaphthalene	ND		2.0		ug/L		10/16/14 10:12	10/17/14 00:16	1
Hexachlorocyclopentadiene	ND		5.0		ug/L		10/16/14 10:12	10/17/14 00:16	1
2,4,6-Trichlorophenol	ND		2.0		ug/L		10/16/14 10:12	10/17/14 00:16	1

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60514-1

Client Sample ID: PLSB-7

Lab Sample ID: 720-60514-4

Date Collected: 10/10/14 09:00

Matrix: Water

Date Received: 10/10/14 18:45

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.0		ug/L		10/16/14 10:12	10/17/14 00:16	1
2-Chloronaphthalene	ND		4.0		ug/L		10/16/14 10:12	10/17/14 00:16	1
2-Nitroaniline	ND		10		ug/L		10/16/14 10:12	10/17/14 00:16	1
Dimethyl phthalate	ND		5.0		ug/L		10/16/14 10:12	10/17/14 00:16	1
Acenaphthylene	ND		4.0		ug/L		10/16/14 10:12	10/17/14 00:16	1
3-Nitroaniline	ND		5.0		ug/L		10/16/14 10:12	10/17/14 00:16	1
Acenaphthene	ND		2.0		ug/L		10/16/14 10:12	10/17/14 00:16	1
2,4-Dinitrophenol	ND		10		ug/L		10/16/14 10:12	10/17/14 00:16	1
4-Nitrophenol	ND		10		ug/L		10/16/14 10:12	10/17/14 00:16	1
Dibenzofuran	ND		4.0		ug/L		10/16/14 10:12	10/17/14 00:16	1
2,4-Dinitrotoluene	ND		4.0		ug/L		10/16/14 10:12	10/17/14 00:16	1
2,6-Dinitrotoluene	ND		5.0		ug/L		10/16/14 10:12	10/17/14 00:16	1
Diethyl phthalate	ND		5.0		ug/L		10/16/14 10:12	10/17/14 00:16	1
4-Chlorophenyl phenyl ether	ND		5.0		ug/L		10/16/14 10:12	10/17/14 00:16	1
Fluorene	ND		4.0		ug/L		10/16/14 10:12	10/17/14 00:16	1
4-Nitroaniline	ND		10		ug/L		10/16/14 10:12	10/17/14 00:16	1
2-Methyl-4,6-dinitrophenol	ND		10		ug/L		10/16/14 10:12	10/17/14 00:16	1
N-Nitrosodiphenylamine	ND		2.0		ug/L		10/16/14 10:12	10/17/14 00:16	1
4-Bromophenyl phenyl ether	ND		5.0		ug/L		10/16/14 10:12	10/17/14 00:16	1
Hexachlorobenzene	ND		2.0		ug/L		10/16/14 10:12	10/17/14 00:16	1
Pentachlorophenol	ND		10		ug/L		10/16/14 10:12	10/17/14 00:16	1
Phenanthrene	ND		2.0		ug/L		10/16/14 10:12	10/17/14 00:16	1
Anthracene	ND		2.0		ug/L		10/16/14 10:12	10/17/14 00:16	1
Di-n-butyl phthalate	ND		5.0		ug/L		10/16/14 10:12	10/17/14 00:16	1
Fluoranthene	ND		2.0		ug/L		10/16/14 10:12	10/17/14 00:16	1
Pyrene	ND		2.0		ug/L		10/16/14 10:12	10/17/14 00:16	1
Butyl benzyl phthalate	ND		5.0		ug/L		10/16/14 10:12	10/17/14 00:16	1
3,3'-Dichlorobenzidine	ND		5.0		ug/L		10/16/14 10:12	10/17/14 00:16	1
Benzo[a]anthracene	ND		5.0		ug/L		10/16/14 10:12	10/17/14 00:16	1
Bis(2-ethylhexyl) phthalate	ND		10		ug/L		10/16/14 10:12	10/17/14 00:16	1
Chrysene	ND		2.0		ug/L		10/16/14 10:12	10/17/14 00:16	1
Di-n-octyl phthalate	ND		5.0		ug/L		10/16/14 10:12	10/17/14 00:16	1
Benzo[b]fluoranthene	ND		2.0		ug/L		10/16/14 10:12	10/17/14 00:16	1
Benzo[a]pyrene	ND		2.0		ug/L		10/16/14 10:12	10/17/14 00:16	1
Benzo[k]fluoranthene	ND		2.0		ug/L		10/16/14 10:12	10/17/14 00:16	1
Indeno[1,2,3-cd]pyrene	ND		2.0		ug/L		10/16/14 10:12	10/17/14 00:16	1
Benzo[g,h,i]perylene	ND		2.0		ug/L		10/16/14 10:12	10/17/14 00:16	1
Benzoic acid	ND		10		ug/L		10/16/14 10:12	10/17/14 00:16	1
Azobenzene	ND		2.0		ug/L		10/16/14 10:12	10/17/14 00:16	1
Dibenz(a,h)anthracene	ND		2.0		ug/L		10/16/14 10:12	10/17/14 00:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	62		11 - 92	10/16/14 10:12	10/17/14 00:16	1
2-Fluorobiphenyl	56		10 - 101	10/16/14 10:12	10/17/14 00:16	1
Terphenyl-d14	65		34 - 128	10/16/14 10:12	10/17/14 00:16	1
2-Fluorophenol	27		10 - 65	10/16/14 10:12	10/17/14 00:16	1
Phenol-d5	15		10 - 46	10/16/14 10:12	10/17/14 00:16	1
2,4,6-Tribromophenol	62		17 - 115	10/16/14 10:12	10/17/14 00:16	1

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
 Project/Site: Philips San Jose

TestAmerica Job ID: 720-60514-1

Client Sample ID: PLSB-7

Lab Sample ID: 720-60514-4

Date Collected: 10/10/14 09:00

Matrix: Water

Date Received: 10/10/14 18:45

Method: 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.010		mg/L		10/14/14 17:46	10/15/14 16:41	1
Arsenic	ND		0.010		mg/L		10/14/14 17:46	10/15/14 16:41	1
Beryllium	ND		0.0020		mg/L		10/14/14 17:46	10/15/14 16:41	1
Cadmium	ND		0.0020		mg/L		10/14/14 17:46	10/15/14 16:41	1
Chromium	ND		0.010		mg/L		10/14/14 17:46	10/15/14 16:41	1
Copper	ND		0.020		mg/L		10/14/14 17:46	10/15/14 16:41	1
Lead	ND		0.0050		mg/L		10/14/14 17:46	10/15/14 16:41	1
Nickel	ND		0.010		mg/L		10/14/14 17:46	10/15/14 16:41	1
Selenium	ND		0.020		mg/L		10/14/14 17:46	10/15/14 16:41	1
Silver	ND		0.0050		mg/L		10/14/14 17:46	10/15/14 16:41	1
Zinc	0.044		0.020		mg/L		10/14/14 17:46	10/15/14 16:41	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		10/15/14 13:20	10/16/14 20:00	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010		mg/L		10/15/14 14:45	10/15/14 17:23	1

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60514-1

Client Sample ID: PLSB-10

Lab Sample ID: 720-60514-5

Date Collected: 10/10/14 10:00

Matrix: Water

Date Received: 10/10/14 18:45

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			10/18/14 17:41	1
Acetone	ND		50		ug/L			10/18/14 17:41	1
Benzene	ND		0.50		ug/L			10/18/14 17:41	1
Dichlorobromomethane	ND		0.50		ug/L			10/18/14 17:41	1
Bromobenzene	ND		1.0		ug/L			10/18/14 17:41	1
Chlorobromomethane	ND		1.0		ug/L			10/18/14 17:41	1
Bromoform	ND		1.0		ug/L			10/18/14 17:41	1
Bromomethane	ND		1.0		ug/L			10/18/14 17:41	1
2-Butanone (MEK)	ND		50		ug/L			10/18/14 17:41	1
n-Butylbenzene	ND		1.0		ug/L			10/18/14 17:41	1
sec-Butylbenzene	ND		1.0		ug/L			10/18/14 17:41	1
tert-Butylbenzene	ND		1.0		ug/L			10/18/14 17:41	1
Carbon disulfide	ND		5.0		ug/L			10/18/14 17:41	1
Carbon tetrachloride	ND		0.50		ug/L			10/18/14 17:41	1
Chlorobenzene	ND		0.50		ug/L			10/18/14 17:41	1
Chloroethane	ND		1.0		ug/L			10/18/14 17:41	1
Chloroform	ND		1.0		ug/L			10/18/14 17:41	1
Chloromethane	ND		1.0		ug/L			10/18/14 17:41	1
2-Chlorotoluene	ND		0.50		ug/L			10/18/14 17:41	1
4-Chlorotoluene	ND		0.50		ug/L			10/18/14 17:41	1
Chlorodibromomethane	ND		0.50		ug/L			10/18/14 17:41	1
1,2-Dichlorobenzene	ND		0.50		ug/L			10/18/14 17:41	1
1,3-Dichlorobenzene	ND		0.50		ug/L			10/18/14 17:41	1
1,4-Dichlorobenzene	ND		0.50		ug/L			10/18/14 17:41	1
1,3-Dichloropropane	ND		1.0		ug/L			10/18/14 17:41	1
1,1-Dichloropropene	ND		0.50		ug/L			10/18/14 17:41	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			10/18/14 17:41	1
Ethylene Dibromide	ND		0.50		ug/L			10/18/14 17:41	1
Dibromomethane	ND		0.50		ug/L			10/18/14 17:41	1
Dichlorodifluoromethane	ND		0.50		ug/L			10/18/14 17:41	1
1,1-Dichloroethane	ND		0.50		ug/L			10/18/14 17:41	1
1,2-Dichloroethane	ND		0.50		ug/L			10/18/14 17:41	1
1,1-Dichloroethene	ND		0.50		ug/L			10/18/14 17:41	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			10/18/14 17:41	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			10/18/14 17:41	1
1,2-Dichloropropane	ND		0.50		ug/L			10/18/14 17:41	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			10/18/14 17:41	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			10/18/14 17:41	1
Ethylbenzene	ND		0.50		ug/L			10/18/14 17:41	1
Hexachlorobutadiene	ND		1.0		ug/L			10/18/14 17:41	1
2-Hexanone	ND		50		ug/L			10/18/14 17:41	1
Isopropylbenzene	ND		0.50		ug/L			10/18/14 17:41	1
4-Isopropyltoluene	ND		1.0		ug/L			10/18/14 17:41	1
Methylene Chloride	ND		5.0		ug/L			10/18/14 17:41	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			10/18/14 17:41	1
Naphthalene	ND		1.0		ug/L			10/18/14 17:41	1
N-Propylbenzene	ND		1.0		ug/L			10/18/14 17:41	1
Styrene	ND		0.50		ug/L			10/18/14 17:41	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			10/18/14 17:41	1

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60514-1

Client Sample ID: PLSB-10

Lab Sample ID: 720-60514-5

Date Collected: 10/10/14 10:00

Matrix: Water

Date Received: 10/10/14 18:45

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			10/18/14 17:41	1
Tetrachloroethene	ND		0.50		ug/L			10/18/14 17:41	1
Toluene	ND		0.50		ug/L			10/18/14 17:41	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			10/18/14 17:41	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			10/18/14 17:41	1
1,1,1-Trichloroethane	ND		0.50		ug/L			10/18/14 17:41	1
1,1,2-Trichloroethane	ND		0.50		ug/L			10/18/14 17:41	1
Trichloroethene	ND		0.50		ug/L			10/18/14 17:41	1
Trichlorofluoromethane	ND		1.0		ug/L			10/18/14 17:41	1
1,2,3-Trichloropropane	ND		0.50		ug/L			10/18/14 17:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			10/18/14 17:41	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			10/18/14 17:41	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			10/18/14 17:41	1
Vinyl acetate	ND		10		ug/L			10/18/14 17:41	1
Vinyl chloride	ND		0.50		ug/L			10/18/14 17:41	1
Xylenes, Total	ND		1.0		ug/L			10/18/14 17:41	1
2,2-Dichloropropane	ND		0.50		ug/L			10/18/14 17:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	102		67 - 130		10/18/14 17:41	1
1,2-Dichloroethane-d4 (Surr)	110		72 - 130		10/18/14 17:41	1
Toluene-d8 (Surr)	92		70 - 130		10/18/14 17:41	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		2.0		ug/L		10/16/14 10:12	10/17/14 13:04	1
Bis(2-chloroethyl)ether	ND		2.0		ug/L		10/16/14 10:12	10/17/14 13:04	1
2-Chlorophenol	ND		4.0		ug/L		10/16/14 10:12	10/17/14 13:04	1
1,3-Dichlorobenzene	ND		2.0		ug/L		10/16/14 10:12	10/17/14 13:04	1
1,4-Dichlorobenzene	ND		2.0		ug/L		10/16/14 10:12	10/17/14 13:04	1
Benzyl alcohol	ND		5.0		ug/L		10/16/14 10:12	10/17/14 13:04	1
1,2-Dichlorobenzene	ND		2.0		ug/L		10/16/14 10:12	10/17/14 13:04	1
2-Methylphenol	ND		4.0		ug/L		10/16/14 10:12	10/17/14 13:04	1
4-Methylphenol	ND		8.0		ug/L		10/16/14 10:12	10/17/14 13:04	1
N-Nitrosodi-n-propylamine	ND		2.0		ug/L		10/16/14 10:12	10/17/14 13:04	1
Hexachloroethane	ND		2.0		ug/L		10/16/14 10:12	10/17/14 13:04	1
Nitrobenzene	ND		2.0		ug/L		10/16/14 10:12	10/17/14 13:04	1
Isophorone	ND		4.0		ug/L		10/16/14 10:12	10/17/14 13:04	1
2-Nitrophenol	ND		2.0		ug/L		10/16/14 10:12	10/17/14 13:04	1
2,4-Dimethylphenol	ND		3.0		ug/L		10/16/14 10:12	10/17/14 13:04	1
Bis(2-chloroethoxy)methane	ND		5.0		ug/L		10/16/14 10:12	10/17/14 13:04	1
2,4-Dichlorophenol	ND		5.0		ug/L		10/16/14 10:12	10/17/14 13:04	1
1,2,4-Trichlorobenzene	ND		2.0		ug/L		10/16/14 10:12	10/17/14 13:04	1
Naphthalene	ND		2.0		ug/L		10/16/14 10:12	10/17/14 13:04	1
4-Chloroaniline	ND		2.0		ug/L		10/16/14 10:12	10/17/14 13:04	1
Hexachlorobutadiene	ND		2.0		ug/L		10/16/14 10:12	10/17/14 13:04	1
4-Chloro-3-methylphenol	ND		5.0		ug/L		10/16/14 10:12	10/17/14 13:04	1
2-Methylnaphthalene	ND		2.0		ug/L		10/16/14 10:12	10/17/14 13:04	1
Hexachlorocyclopentadiene	ND		5.0		ug/L		10/16/14 10:12	10/17/14 13:04	1
2,4,6-Trichlorophenol	ND		2.0		ug/L		10/16/14 10:12	10/17/14 13:04	1

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60514-1

Client Sample ID: PLSB-10

Lab Sample ID: 720-60514-5

Date Collected: 10/10/14 10:00

Matrix: Water

Date Received: 10/10/14 18:45

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.0		ug/L		10/16/14 10:12	10/17/14 13:04	1
2-Chloronaphthalene	ND		4.0		ug/L		10/16/14 10:12	10/17/14 13:04	1
2-Nitroaniline	ND		10		ug/L		10/16/14 10:12	10/17/14 13:04	1
Dimethyl phthalate	ND		5.0		ug/L		10/16/14 10:12	10/17/14 13:04	1
Acenaphthylene	ND		4.0		ug/L		10/16/14 10:12	10/17/14 13:04	1
3-Nitroaniline	ND		5.0		ug/L		10/16/14 10:12	10/17/14 13:04	1
Acenaphthene	ND		2.0		ug/L		10/16/14 10:12	10/17/14 13:04	1
2,4-Dinitrophenol	ND		10		ug/L		10/16/14 10:12	10/17/14 13:04	1
4-Nitrophenol	ND		10		ug/L		10/16/14 10:12	10/17/14 13:04	1
Dibenzofuran	ND		4.0		ug/L		10/16/14 10:12	10/17/14 13:04	1
2,4-Dinitrotoluene	ND		4.0		ug/L		10/16/14 10:12	10/17/14 13:04	1
2,6-Dinitrotoluene	ND		5.0		ug/L		10/16/14 10:12	10/17/14 13:04	1
Diethyl phthalate	ND		5.0		ug/L		10/16/14 10:12	10/17/14 13:04	1
4-Chlorophenyl phenyl ether	ND		5.0		ug/L		10/16/14 10:12	10/17/14 13:04	1
Fluorene	ND		4.0		ug/L		10/16/14 10:12	10/17/14 13:04	1
4-Nitroaniline	ND		10		ug/L		10/16/14 10:12	10/17/14 13:04	1
2-Methyl-4,6-dinitrophenol	ND		10		ug/L		10/16/14 10:12	10/17/14 13:04	1
N-Nitrosodiphenylamine	ND		2.0		ug/L		10/16/14 10:12	10/17/14 13:04	1
4-Bromophenyl phenyl ether	ND		5.0		ug/L		10/16/14 10:12	10/17/14 13:04	1
Hexachlorobenzene	ND		2.0		ug/L		10/16/14 10:12	10/17/14 13:04	1
Pentachlorophenol	ND		10		ug/L		10/16/14 10:12	10/17/14 13:04	1
Phenanthrene	ND		2.0		ug/L		10/16/14 10:12	10/17/14 13:04	1
Anthracene	ND		2.0		ug/L		10/16/14 10:12	10/17/14 13:04	1
Di-n-butyl phthalate	ND		5.0		ug/L		10/16/14 10:12	10/17/14 13:04	1
Fluoranthene	ND		2.0		ug/L		10/16/14 10:12	10/17/14 13:04	1
Pyrene	ND		2.0		ug/L		10/16/14 10:12	10/17/14 13:04	1
Butyl benzyl phthalate	ND		5.0		ug/L		10/16/14 10:12	10/17/14 13:04	1
3,3'-Dichlorobenzidine	ND		5.0		ug/L		10/16/14 10:12	10/17/14 13:04	1
Benzo[a]anthracene	ND		5.0		ug/L		10/16/14 10:12	10/17/14 13:04	1
Bis(2-ethylhexyl) phthalate	ND		10		ug/L		10/16/14 10:12	10/17/14 13:04	1
Chrysene	ND		2.0		ug/L		10/16/14 10:12	10/17/14 13:04	1
Di-n-octyl phthalate	ND		5.0		ug/L		10/16/14 10:12	10/17/14 13:04	1
Benzo[b]fluoranthene	ND		2.0		ug/L		10/16/14 10:12	10/17/14 13:04	1
Benzo[a]pyrene	ND		2.0		ug/L		10/16/14 10:12	10/17/14 13:04	1
Benzo[k]fluoranthene	ND		2.0		ug/L		10/16/14 10:12	10/17/14 13:04	1
Indeno[1,2,3-cd]pyrene	ND		2.0		ug/L		10/16/14 10:12	10/17/14 13:04	1
Benzo[g,h,i]perylene	ND		2.0		ug/L		10/16/14 10:12	10/17/14 13:04	1
Benzoic acid	ND		10		ug/L		10/16/14 10:12	10/17/14 13:04	1
Azobenzene	ND		2.0		ug/L		10/16/14 10:12	10/17/14 13:04	1
Dibenz(a,h)anthracene	ND		2.0		ug/L		10/16/14 10:12	10/17/14 13:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	56		11 - 92	10/16/14 10:12	10/17/14 13:04	1
2-Fluorobiphenyl	52		10 - 101	10/16/14 10:12	10/17/14 13:04	1
Terphenyl-d14	63		34 - 128	10/16/14 10:12	10/17/14 13:04	1
2-Fluorophenol	21		10 - 65	10/16/14 10:12	10/17/14 13:04	1
Phenol-d5	13		10 - 46	10/16/14 10:12	10/17/14 13:04	1
2,4,6-Tribromophenol	52		17 - 115	10/16/14 10:12	10/17/14 13:04	1

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
 Project/Site: Philips San Jose

TestAmerica Job ID: 720-60514-1

Client Sample ID: PLSB-10

Lab Sample ID: 720-60514-5

Date Collected: 10/10/14 10:00

Matrix: Water

Date Received: 10/10/14 18:45

Method: 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.010		mg/L		10/14/14 17:46	10/15/14 16:46	1
Arsenic	ND		0.010		mg/L		10/14/14 17:46	10/15/14 16:46	1
Beryllium	ND		0.0020		mg/L		10/14/14 17:46	10/15/14 16:46	1
Cadmium	ND		0.0020		mg/L		10/14/14 17:46	10/15/14 16:46	1
Chromium	ND		0.010		mg/L		10/14/14 17:46	10/15/14 16:46	1
Copper	ND		0.020		mg/L		10/14/14 17:46	10/15/14 16:46	1
Lead	ND		0.0050		mg/L		10/14/14 17:46	10/15/14 16:46	1
Nickel	ND		0.010		mg/L		10/14/14 17:46	10/15/14 16:46	1
Selenium	ND		0.020		mg/L		10/14/14 17:46	10/15/14 16:46	1
Silver	ND		0.0050		mg/L		10/14/14 17:46	10/15/14 16:46	1
Zinc	0.075		0.020		mg/L		10/14/14 17:46	10/15/14 16:46	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		10/15/14 13:20	10/16/14 20:03	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010		mg/L		10/15/14 14:45	10/15/14 17:24	1

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60514-1

Client Sample ID: PLPB-5

Lab Sample ID: 720-60514-6

Date Collected: 10/10/14 11:00

Matrix: Water

Date Received: 10/10/14 18:45

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			10/18/14 18:09	1
Acetone	ND		50		ug/L			10/18/14 18:09	1
Benzene	ND		0.50		ug/L			10/18/14 18:09	1
Dichlorobromomethane	ND		0.50		ug/L			10/18/14 18:09	1
Bromobenzene	ND		1.0		ug/L			10/18/14 18:09	1
Chlorobromomethane	ND		1.0		ug/L			10/18/14 18:09	1
Bromoform	ND		1.0		ug/L			10/18/14 18:09	1
Bromomethane	ND		1.0		ug/L			10/18/14 18:09	1
2-Butanone (MEK)	ND		50		ug/L			10/18/14 18:09	1
n-Butylbenzene	ND		1.0		ug/L			10/18/14 18:09	1
sec-Butylbenzene	ND		1.0		ug/L			10/18/14 18:09	1
tert-Butylbenzene	ND		1.0		ug/L			10/18/14 18:09	1
Carbon disulfide	ND		5.0		ug/L			10/18/14 18:09	1
Carbon tetrachloride	ND		0.50		ug/L			10/18/14 18:09	1
Chlorobenzene	ND		0.50		ug/L			10/18/14 18:09	1
Chloroethane	ND		1.0		ug/L			10/18/14 18:09	1
Chloroform	ND		1.0		ug/L			10/18/14 18:09	1
Chloromethane	ND		1.0		ug/L			10/18/14 18:09	1
2-Chlorotoluene	ND		0.50		ug/L			10/18/14 18:09	1
4-Chlorotoluene	ND		0.50		ug/L			10/18/14 18:09	1
Chlorodibromomethane	ND		0.50		ug/L			10/18/14 18:09	1
1,2-Dichlorobenzene	ND		0.50		ug/L			10/18/14 18:09	1
1,3-Dichlorobenzene	ND		0.50		ug/L			10/18/14 18:09	1
1,4-Dichlorobenzene	ND		0.50		ug/L			10/18/14 18:09	1
1,3-Dichloropropane	ND		1.0		ug/L			10/18/14 18:09	1
1,1-Dichloropropene	ND		0.50		ug/L			10/18/14 18:09	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			10/18/14 18:09	1
Ethylene Dibromide	ND		0.50		ug/L			10/18/14 18:09	1
Dibromomethane	ND		0.50		ug/L			10/18/14 18:09	1
Dichlorodifluoromethane	ND		0.50		ug/L			10/18/14 18:09	1
1,1-Dichloroethane	ND		0.50		ug/L			10/18/14 18:09	1
1,2-Dichloroethane	ND		0.50		ug/L			10/18/14 18:09	1
1,1-Dichloroethene	ND		0.50		ug/L			10/18/14 18:09	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			10/18/14 18:09	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			10/18/14 18:09	1
1,2-Dichloropropane	ND		0.50		ug/L			10/18/14 18:09	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			10/18/14 18:09	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			10/18/14 18:09	1
Ethylbenzene	ND		0.50		ug/L			10/18/14 18:09	1
Hexachlorobutadiene	ND		1.0		ug/L			10/18/14 18:09	1
2-Hexanone	ND		50		ug/L			10/18/14 18:09	1
Isopropylbenzene	ND		0.50		ug/L			10/18/14 18:09	1
4-Isopropyltoluene	ND		1.0		ug/L			10/18/14 18:09	1
Methylene Chloride	ND		5.0		ug/L			10/18/14 18:09	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			10/18/14 18:09	1
Naphthalene	ND		1.0		ug/L			10/18/14 18:09	1
N-Propylbenzene	ND		1.0		ug/L			10/18/14 18:09	1
Styrene	ND		0.50		ug/L			10/18/14 18:09	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			10/18/14 18:09	1

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60514-1

Client Sample ID: PLPB-5

Lab Sample ID: 720-60514-6

Date Collected: 10/10/14 11:00

Matrix: Water

Date Received: 10/10/14 18:45

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			10/18/14 18:09	1
Tetrachloroethene	ND		0.50		ug/L			10/18/14 18:09	1
Toluene	ND		0.50		ug/L			10/18/14 18:09	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			10/18/14 18:09	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			10/18/14 18:09	1
1,1,1-Trichloroethane	ND		0.50		ug/L			10/18/14 18:09	1
1,1,2-Trichloroethane	ND		0.50		ug/L			10/18/14 18:09	1
Trichloroethene	ND		0.50		ug/L			10/18/14 18:09	1
Trichlorofluoromethane	ND		1.0		ug/L			10/18/14 18:09	1
1,2,3-Trichloropropane	ND		0.50		ug/L			10/18/14 18:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			10/18/14 18:09	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			10/18/14 18:09	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			10/18/14 18:09	1
Vinyl acetate	ND		10		ug/L			10/18/14 18:09	1
Vinyl chloride	ND		0.50		ug/L			10/18/14 18:09	1
Xylenes, Total	ND		1.0		ug/L			10/18/14 18:09	1
2,2-Dichloropropane	ND		0.50		ug/L			10/18/14 18:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	102		67 - 130		10/18/14 18:09	1
1,2-Dichloroethane-d4 (Surr)	108		72 - 130		10/18/14 18:09	1
Toluene-d8 (Surr)	92		70 - 130		10/18/14 18:09	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		2.0		ug/L		10/16/14 10:12	10/17/14 13:28	1
Bis(2-chloroethyl)ether	ND		2.0		ug/L		10/16/14 10:12	10/17/14 13:28	1
2-Chlorophenol	ND		4.1		ug/L		10/16/14 10:12	10/17/14 13:28	1
1,3-Dichlorobenzene	ND		2.0		ug/L		10/16/14 10:12	10/17/14 13:28	1
1,4-Dichlorobenzene	ND		2.0		ug/L		10/16/14 10:12	10/17/14 13:28	1
Benzyl alcohol	ND		5.1		ug/L		10/16/14 10:12	10/17/14 13:28	1
1,2-Dichlorobenzene	ND		2.0		ug/L		10/16/14 10:12	10/17/14 13:28	1
2-Methylphenol	ND		4.1		ug/L		10/16/14 10:12	10/17/14 13:28	1
4-Methylphenol	ND		8.1		ug/L		10/16/14 10:12	10/17/14 13:28	1
N-Nitrosodi-n-propylamine	ND		2.0		ug/L		10/16/14 10:12	10/17/14 13:28	1
Hexachloroethane	ND		2.0		ug/L		10/16/14 10:12	10/17/14 13:28	1
Nitrobenzene	ND		2.0		ug/L		10/16/14 10:12	10/17/14 13:28	1
Isophorone	ND		4.1		ug/L		10/16/14 10:12	10/17/14 13:28	1
2-Nitrophenol	ND		2.0		ug/L		10/16/14 10:12	10/17/14 13:28	1
2,4-Dimethylphenol	ND		3.1		ug/L		10/16/14 10:12	10/17/14 13:28	1
Bis(2-chloroethoxy)methane	ND		5.1		ug/L		10/16/14 10:12	10/17/14 13:28	1
2,4-Dichlorophenol	ND		5.1		ug/L		10/16/14 10:12	10/17/14 13:28	1
1,2,4-Trichlorobenzene	ND		2.0		ug/L		10/16/14 10:12	10/17/14 13:28	1
Naphthalene	ND		2.0		ug/L		10/16/14 10:12	10/17/14 13:28	1
4-Chloroaniline	ND		2.0		ug/L		10/16/14 10:12	10/17/14 13:28	1
Hexachlorobutadiene	ND		2.0		ug/L		10/16/14 10:12	10/17/14 13:28	1
4-Chloro-3-methylphenol	ND		5.1		ug/L		10/16/14 10:12	10/17/14 13:28	1
2-Methylnaphthalene	ND		2.0		ug/L		10/16/14 10:12	10/17/14 13:28	1
Hexachlorocyclopentadiene	ND		5.1		ug/L		10/16/14 10:12	10/17/14 13:28	1
2,4,6-Trichlorophenol	ND		2.0		ug/L		10/16/14 10:12	10/17/14 13:28	1

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60514-1

Client Sample ID: PLPB-5

Lab Sample ID: 720-60514-6

Date Collected: 10/10/14 11:00

Matrix: Water

Date Received: 10/10/14 18:45

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.1		ug/L		10/16/14 10:12	10/17/14 13:28	1
2-Chloronaphthalene	ND		4.1		ug/L		10/16/14 10:12	10/17/14 13:28	1
2-Nitroaniline	ND		10		ug/L		10/16/14 10:12	10/17/14 13:28	1
Dimethyl phthalate	ND		5.1		ug/L		10/16/14 10:12	10/17/14 13:28	1
Acenaphthylene	ND		4.1		ug/L		10/16/14 10:12	10/17/14 13:28	1
3-Nitroaniline	ND		5.1		ug/L		10/16/14 10:12	10/17/14 13:28	1
Acenaphthene	ND		2.0		ug/L		10/16/14 10:12	10/17/14 13:28	1
2,4-Dinitrophenol	ND		10		ug/L		10/16/14 10:12	10/17/14 13:28	1
4-Nitrophenol	ND		10		ug/L		10/16/14 10:12	10/17/14 13:28	1
Dibenzofuran	ND		4.1		ug/L		10/16/14 10:12	10/17/14 13:28	1
2,4-Dinitrotoluene	ND		4.1		ug/L		10/16/14 10:12	10/17/14 13:28	1
2,6-Dinitrotoluene	ND		5.1		ug/L		10/16/14 10:12	10/17/14 13:28	1
Diethyl phthalate	ND		5.1		ug/L		10/16/14 10:12	10/17/14 13:28	1
4-Chlorophenyl phenyl ether	ND		5.1		ug/L		10/16/14 10:12	10/17/14 13:28	1
Fluorene	ND		4.1		ug/L		10/16/14 10:12	10/17/14 13:28	1
4-Nitroaniline	ND		10		ug/L		10/16/14 10:12	10/17/14 13:28	1
2-Methyl-4,6-dinitrophenol	ND		10		ug/L		10/16/14 10:12	10/17/14 13:28	1
N-Nitrosodiphenylamine	ND		2.0		ug/L		10/16/14 10:12	10/17/14 13:28	1
4-Bromophenyl phenyl ether	ND		5.1		ug/L		10/16/14 10:12	10/17/14 13:28	1
Hexachlorobenzene	ND		2.0		ug/L		10/16/14 10:12	10/17/14 13:28	1
Pentachlorophenol	ND		10		ug/L		10/16/14 10:12	10/17/14 13:28	1
Phenanthrene	ND		2.0		ug/L		10/16/14 10:12	10/17/14 13:28	1
Anthracene	ND		2.0		ug/L		10/16/14 10:12	10/17/14 13:28	1
Di-n-butyl phthalate	ND		5.1		ug/L		10/16/14 10:12	10/17/14 13:28	1
Fluoranthene	ND		2.0		ug/L		10/16/14 10:12	10/17/14 13:28	1
Pyrene	ND		2.0		ug/L		10/16/14 10:12	10/17/14 13:28	1
Butyl benzyl phthalate	ND		5.1		ug/L		10/16/14 10:12	10/17/14 13:28	1
3,3'-Dichlorobenzidine	ND		5.1		ug/L		10/16/14 10:12	10/17/14 13:28	1
Benzo[a]anthracene	ND		5.1		ug/L		10/16/14 10:12	10/17/14 13:28	1
Bis(2-ethylhexyl) phthalate	ND		10		ug/L		10/16/14 10:12	10/17/14 13:28	1
Chrysene	ND		2.0		ug/L		10/16/14 10:12	10/17/14 13:28	1
Di-n-octyl phthalate	ND		5.1		ug/L		10/16/14 10:12	10/17/14 13:28	1
Benzo[b]fluoranthene	ND		2.0		ug/L		10/16/14 10:12	10/17/14 13:28	1
Benzo[a]pyrene	ND		2.0		ug/L		10/16/14 10:12	10/17/14 13:28	1
Benzo[k]fluoranthene	ND		2.0		ug/L		10/16/14 10:12	10/17/14 13:28	1
Indeno[1,2,3-cd]pyrene	ND		2.0		ug/L		10/16/14 10:12	10/17/14 13:28	1
Benzo[g,h,i]perylene	ND		2.0		ug/L		10/16/14 10:12	10/17/14 13:28	1
Benzoic acid	ND		10		ug/L		10/16/14 10:12	10/17/14 13:28	1
Azobenzene	ND		2.0		ug/L		10/16/14 10:12	10/17/14 13:28	1
Dibenz(a,h)anthracene	ND		2.0		ug/L		10/16/14 10:12	10/17/14 13:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	51		11 - 92	10/16/14 10:12	10/17/14 13:28	1
2-Fluorobiphenyl	49		10 - 101	10/16/14 10:12	10/17/14 13:28	1
Terphenyl-d14	55		34 - 128	10/16/14 10:12	10/17/14 13:28	1
2-Fluorophenol	25		10 - 65	10/16/14 10:12	10/17/14 13:28	1
Phenol-d5	15		10 - 46	10/16/14 10:12	10/17/14 13:28	1
2,4,6-Tribromophenol	57		17 - 115	10/16/14 10:12	10/17/14 13:28	1

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
 Project/Site: Philips San Jose

TestAmerica Job ID: 720-60514-1

Client Sample ID: PLPB-5

Lab Sample ID: 720-60514-6

Date Collected: 10/10/14 11:00

Matrix: Water

Date Received: 10/10/14 18:45

Method: 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.010		mg/L		10/14/14 17:46	10/15/14 16:51	1
Arsenic	ND		0.010		mg/L		10/14/14 17:46	10/15/14 16:51	1
Beryllium	ND		0.0020		mg/L		10/14/14 17:46	10/15/14 16:51	1
Cadmium	ND		0.0020		mg/L		10/14/14 17:46	10/15/14 16:51	1
Chromium	ND		0.010		mg/L		10/14/14 17:46	10/15/14 16:51	1
Copper	ND		0.020		mg/L		10/14/14 17:46	10/15/14 16:51	1
Lead	ND		0.0050		mg/L		10/14/14 17:46	10/15/14 16:51	1
Nickel	ND		0.010		mg/L		10/14/14 17:46	10/15/14 16:51	1
Selenium	ND		0.020		mg/L		10/14/14 17:46	10/15/14 16:51	1
Silver	ND		0.0050		mg/L		10/14/14 17:46	10/15/14 16:51	1
Zinc	0.021		0.020		mg/L		10/14/14 17:46	10/15/14 16:51	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		10/15/14 13:20	10/16/14 20:05	1

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60514-1

Client Sample ID: PLSB-11

Lab Sample ID: 720-60514-7

Date Collected: 10/10/14 14:30

Matrix: Water

Date Received: 10/10/14 18:45

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			10/18/14 18:38	1
Acetone	ND		50		ug/L			10/18/14 18:38	1
Benzene	ND		0.50		ug/L			10/18/14 18:38	1
Dichlorobromomethane	ND		0.50		ug/L			10/18/14 18:38	1
Bromobenzene	ND		1.0		ug/L			10/18/14 18:38	1
Chlorobromomethane	ND		1.0		ug/L			10/18/14 18:38	1
Bromoform	ND		1.0		ug/L			10/18/14 18:38	1
Bromomethane	ND		1.0		ug/L			10/18/14 18:38	1
2-Butanone (MEK)	ND		50		ug/L			10/18/14 18:38	1
n-Butylbenzene	ND		1.0		ug/L			10/18/14 18:38	1
sec-Butylbenzene	ND		1.0		ug/L			10/18/14 18:38	1
tert-Butylbenzene	ND		1.0		ug/L			10/18/14 18:38	1
Carbon disulfide	ND		5.0		ug/L			10/18/14 18:38	1
Carbon tetrachloride	ND		0.50		ug/L			10/18/14 18:38	1
Chlorobenzene	ND		0.50		ug/L			10/18/14 18:38	1
Chloroethane	ND		1.0		ug/L			10/18/14 18:38	1
Chloroform	ND		1.0		ug/L			10/18/14 18:38	1
Chloromethane	ND		1.0		ug/L			10/18/14 18:38	1
2-Chlorotoluene	ND		0.50		ug/L			10/18/14 18:38	1
4-Chlorotoluene	ND		0.50		ug/L			10/18/14 18:38	1
Chlorodibromomethane	ND		0.50		ug/L			10/18/14 18:38	1
1,2-Dichlorobenzene	ND		0.50		ug/L			10/18/14 18:38	1
1,3-Dichlorobenzene	ND		0.50		ug/L			10/18/14 18:38	1
1,4-Dichlorobenzene	ND		0.50		ug/L			10/18/14 18:38	1
1,3-Dichloropropane	ND		1.0		ug/L			10/18/14 18:38	1
1,1-Dichloropropene	ND		0.50		ug/L			10/18/14 18:38	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			10/18/14 18:38	1
Ethylene Dibromide	ND		0.50		ug/L			10/18/14 18:38	1
Dibromomethane	ND		0.50		ug/L			10/18/14 18:38	1
Dichlorodifluoromethane	ND		0.50		ug/L			10/18/14 18:38	1
1,1-Dichloroethane	ND		0.50		ug/L			10/18/14 18:38	1
1,2-Dichloroethane	ND		0.50		ug/L			10/18/14 18:38	1
1,1-Dichloroethene	ND		0.50		ug/L			10/18/14 18:38	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			10/18/14 18:38	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			10/18/14 18:38	1
1,2-Dichloropropane	ND		0.50		ug/L			10/18/14 18:38	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			10/18/14 18:38	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			10/18/14 18:38	1
Ethylbenzene	ND		0.50		ug/L			10/18/14 18:38	1
Hexachlorobutadiene	ND		1.0		ug/L			10/18/14 18:38	1
2-Hexanone	ND		50		ug/L			10/18/14 18:38	1
Isopropylbenzene	ND		0.50		ug/L			10/18/14 18:38	1
4-Isopropyltoluene	ND		1.0		ug/L			10/18/14 18:38	1
Methylene Chloride	ND		5.0		ug/L			10/18/14 18:38	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			10/18/14 18:38	1
Naphthalene	ND		1.0		ug/L			10/18/14 18:38	1
N-Propylbenzene	ND		1.0		ug/L			10/18/14 18:38	1
Styrene	ND		0.50		ug/L			10/18/14 18:38	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			10/18/14 18:38	1

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60514-1

Client Sample ID: PLSB-11

Lab Sample ID: 720-60514-7

Date Collected: 10/10/14 14:30

Matrix: Water

Date Received: 10/10/14 18:45

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			10/18/14 18:38	1
Tetrachloroethene	ND		0.50		ug/L			10/18/14 18:38	1
Toluene	ND		0.50		ug/L			10/18/14 18:38	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			10/18/14 18:38	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			10/18/14 18:38	1
1,1,1-Trichloroethane	ND		0.50		ug/L			10/18/14 18:38	1
1,1,2-Trichloroethane	ND		0.50		ug/L			10/18/14 18:38	1
Trichloroethene	ND		0.50		ug/L			10/18/14 18:38	1
Trichlorofluoromethane	ND		1.0		ug/L			10/18/14 18:38	1
1,2,3-Trichloropropane	ND		0.50		ug/L			10/18/14 18:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			10/18/14 18:38	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			10/18/14 18:38	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			10/18/14 18:38	1
Vinyl acetate	ND		10		ug/L			10/18/14 18:38	1
Vinyl chloride	ND		0.50		ug/L			10/18/14 18:38	1
Xylenes, Total	ND		1.0		ug/L			10/18/14 18:38	1
2,2-Dichloropropane	ND		0.50		ug/L			10/18/14 18:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	103		67 - 130		10/18/14 18:38	1
1,2-Dichloroethane-d4 (Surr)	110		72 - 130		10/18/14 18:38	1
Toluene-d8 (Surr)	93		70 - 130		10/18/14 18:38	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		2.0		ug/L		10/16/14 10:12	10/17/14 13:52	1
Bis(2-chloroethyl)ether	ND		2.0		ug/L		10/16/14 10:12	10/17/14 13:52	1
2-Chlorophenol	ND		4.1		ug/L		10/16/14 10:12	10/17/14 13:52	1
1,3-Dichlorobenzene	ND		2.0		ug/L		10/16/14 10:12	10/17/14 13:52	1
1,4-Dichlorobenzene	ND		2.0		ug/L		10/16/14 10:12	10/17/14 13:52	1
Benzyl alcohol	ND		5.1		ug/L		10/16/14 10:12	10/17/14 13:52	1
1,2-Dichlorobenzene	ND		2.0		ug/L		10/16/14 10:12	10/17/14 13:52	1
2-Methylphenol	ND		4.1		ug/L		10/16/14 10:12	10/17/14 13:52	1
4-Methylphenol	ND		8.1		ug/L		10/16/14 10:12	10/17/14 13:52	1
N-Nitrosodi-n-propylamine	ND		2.0		ug/L		10/16/14 10:12	10/17/14 13:52	1
Hexachloroethane	ND		2.0		ug/L		10/16/14 10:12	10/17/14 13:52	1
Nitrobenzene	ND		2.0		ug/L		10/16/14 10:12	10/17/14 13:52	1
Isophorone	ND		4.1		ug/L		10/16/14 10:12	10/17/14 13:52	1
2-Nitrophenol	ND		2.0		ug/L		10/16/14 10:12	10/17/14 13:52	1
2,4-Dimethylphenol	ND		3.0		ug/L		10/16/14 10:12	10/17/14 13:52	1
Bis(2-chloroethoxy)methane	ND		5.1		ug/L		10/16/14 10:12	10/17/14 13:52	1
2,4-Dichlorophenol	ND		5.1		ug/L		10/16/14 10:12	10/17/14 13:52	1
1,2,4-Trichlorobenzene	ND		2.0		ug/L		10/16/14 10:12	10/17/14 13:52	1
Naphthalene	ND		2.0		ug/L		10/16/14 10:12	10/17/14 13:52	1
4-Chloroaniline	ND		2.0		ug/L		10/16/14 10:12	10/17/14 13:52	1
Hexachlorobutadiene	ND		2.0		ug/L		10/16/14 10:12	10/17/14 13:52	1
4-Chloro-3-methylphenol	ND		5.1		ug/L		10/16/14 10:12	10/17/14 13:52	1
2-Methylnaphthalene	ND		2.0		ug/L		10/16/14 10:12	10/17/14 13:52	1
Hexachlorocyclopentadiene	ND		5.1		ug/L		10/16/14 10:12	10/17/14 13:52	1
2,4,6-Trichlorophenol	ND		2.0		ug/L		10/16/14 10:12	10/17/14 13:52	1

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60514-1

Client Sample ID: PLSB-11

Lab Sample ID: 720-60514-7

Date Collected: 10/10/14 14:30

Matrix: Water

Date Received: 10/10/14 18:45

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.1		ug/L		10/16/14 10:12	10/17/14 13:52	1
2-Chloronaphthalene	ND		4.1		ug/L		10/16/14 10:12	10/17/14 13:52	1
2-Nitroaniline	ND		10		ug/L		10/16/14 10:12	10/17/14 13:52	1
Dimethyl phthalate	ND		5.1		ug/L		10/16/14 10:12	10/17/14 13:52	1
Acenaphthylene	ND		4.1		ug/L		10/16/14 10:12	10/17/14 13:52	1
3-Nitroaniline	ND		5.1		ug/L		10/16/14 10:12	10/17/14 13:52	1
Acenaphthene	ND		2.0		ug/L		10/16/14 10:12	10/17/14 13:52	1
2,4-Dinitrophenol	ND		10		ug/L		10/16/14 10:12	10/17/14 13:52	1
4-Nitrophenol	ND		10		ug/L		10/16/14 10:12	10/17/14 13:52	1
Dibenzofuran	ND		4.1		ug/L		10/16/14 10:12	10/17/14 13:52	1
2,4-Dinitrotoluene	ND		4.1		ug/L		10/16/14 10:12	10/17/14 13:52	1
2,6-Dinitrotoluene	ND		5.1		ug/L		10/16/14 10:12	10/17/14 13:52	1
Diethyl phthalate	ND		5.1		ug/L		10/16/14 10:12	10/17/14 13:52	1
4-Chlorophenyl phenyl ether	ND		5.1		ug/L		10/16/14 10:12	10/17/14 13:52	1
Fluorene	ND		4.1		ug/L		10/16/14 10:12	10/17/14 13:52	1
4-Nitroaniline	ND		10		ug/L		10/16/14 10:12	10/17/14 13:52	1
2-Methyl-4,6-dinitrophenol	ND		10		ug/L		10/16/14 10:12	10/17/14 13:52	1
N-Nitrosodiphenylamine	ND		2.0		ug/L		10/16/14 10:12	10/17/14 13:52	1
4-Bromophenyl phenyl ether	ND		5.1		ug/L		10/16/14 10:12	10/17/14 13:52	1
Hexachlorobenzene	ND		2.0		ug/L		10/16/14 10:12	10/17/14 13:52	1
Pentachlorophenol	ND		10		ug/L		10/16/14 10:12	10/17/14 13:52	1
Phenanthrene	ND		2.0		ug/L		10/16/14 10:12	10/17/14 13:52	1
Anthracene	ND		2.0		ug/L		10/16/14 10:12	10/17/14 13:52	1
Di-n-butyl phthalate	ND		5.1		ug/L		10/16/14 10:12	10/17/14 13:52	1
Fluoranthene	ND		2.0		ug/L		10/16/14 10:12	10/17/14 13:52	1
Pyrene	ND		2.0		ug/L		10/16/14 10:12	10/17/14 13:52	1
Butyl benzyl phthalate	ND		5.1		ug/L		10/16/14 10:12	10/17/14 13:52	1
3,3'-Dichlorobenzidine	ND		5.1		ug/L		10/16/14 10:12	10/17/14 13:52	1
Benzo[a]anthracene	ND		5.1		ug/L		10/16/14 10:12	10/17/14 13:52	1
Bis(2-ethylhexyl) phthalate	ND		10		ug/L		10/16/14 10:12	10/17/14 13:52	1
Chrysene	ND		2.0		ug/L		10/16/14 10:12	10/17/14 13:52	1
Di-n-octyl phthalate	ND		5.1		ug/L		10/16/14 10:12	10/17/14 13:52	1
Benzo[b]fluoranthene	ND		2.0		ug/L		10/16/14 10:12	10/17/14 13:52	1
Benzo[a]pyrene	ND		2.0		ug/L		10/16/14 10:12	10/17/14 13:52	1
Benzo[k]fluoranthene	ND		2.0		ug/L		10/16/14 10:12	10/17/14 13:52	1
Indeno[1,2,3-cd]pyrene	ND		2.0		ug/L		10/16/14 10:12	10/17/14 13:52	1
Benzo[g,h,i]perylene	ND		2.0		ug/L		10/16/14 10:12	10/17/14 13:52	1
Benzoic acid	ND		10		ug/L		10/16/14 10:12	10/17/14 13:52	1
Azobenzene	ND		2.0		ug/L		10/16/14 10:12	10/17/14 13:52	1
Dibenz(a,h)anthracene	ND		2.0		ug/L		10/16/14 10:12	10/17/14 13:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	50		11 - 92	10/16/14 10:12	10/17/14 13:52	1
2-Fluorobiphenyl	46		10 - 101	10/16/14 10:12	10/17/14 13:52	1
Terphenyl-d14	57		34 - 128	10/16/14 10:12	10/17/14 13:52	1
2-Fluorophenol	20		10 - 65	10/16/14 10:12	10/17/14 13:52	1
Phenol-d5	11		10 - 46	10/16/14 10:12	10/17/14 13:52	1
2,4,6-Tribromophenol	49		17 - 115	10/16/14 10:12	10/17/14 13:52	1

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
 Project/Site: Philips San Jose

TestAmerica Job ID: 720-60514-1

Client Sample ID: PLSB-11

Lab Sample ID: 720-60514-7

Date Collected: 10/10/14 14:30

Matrix: Water

Date Received: 10/10/14 18:45

Method: 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.010		mg/L		10/14/14 10:16	10/14/14 19:16	1
Arsenic	ND		0.010		mg/L		10/14/14 10:16	10/14/14 19:16	1
Beryllium	ND		0.0020		mg/L		10/14/14 10:16	10/14/14 19:16	1
Cadmium	ND		0.0020		mg/L		10/14/14 10:16	10/14/14 19:16	1
Chromium	ND		0.010		mg/L		10/14/14 10:16	10/14/14 19:16	1
Copper	ND		0.020		mg/L		10/14/14 10:16	10/14/14 19:16	1
Lead	ND		0.0050		mg/L		10/14/14 10:16	10/14/14 19:16	1
Nickel	ND		0.010		mg/L		10/14/14 10:16	10/14/14 19:16	1
Selenium	ND		0.020		mg/L		10/14/14 10:16	10/14/14 19:16	1
Silver	ND		0.0050		mg/L		10/14/14 10:16	10/14/14 19:16	1
Zinc	ND		0.020		mg/L		10/14/14 10:16	10/14/14 19:16	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		10/15/14 13:20	10/16/14 20:12	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010		mg/L		10/15/14 14:45	10/15/14 17:24	1

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60514-1

Client Sample ID: PLSB-12

Lab Sample ID: 720-60514-8

Date Collected: 10/10/14 16:00

Matrix: Water

Date Received: 10/10/14 18:45

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			10/18/14 19:06	1
Acetone	ND		50		ug/L			10/18/14 19:06	1
Benzene	ND		0.50		ug/L			10/18/14 19:06	1
Dichlorobromomethane	ND		0.50		ug/L			10/18/14 19:06	1
Bromobenzene	ND		1.0		ug/L			10/18/14 19:06	1
Chlorobromomethane	ND		1.0		ug/L			10/18/14 19:06	1
Bromoform	ND		1.0		ug/L			10/18/14 19:06	1
Bromomethane	ND		1.0		ug/L			10/18/14 19:06	1
2-Butanone (MEK)	ND		50		ug/L			10/18/14 19:06	1
n-Butylbenzene	ND		1.0		ug/L			10/18/14 19:06	1
sec-Butylbenzene	ND		1.0		ug/L			10/18/14 19:06	1
tert-Butylbenzene	ND		1.0		ug/L			10/18/14 19:06	1
Carbon disulfide	ND		5.0		ug/L			10/18/14 19:06	1
Carbon tetrachloride	ND		0.50		ug/L			10/18/14 19:06	1
Chlorobenzene	ND		0.50		ug/L			10/18/14 19:06	1
Chloroethane	ND		1.0		ug/L			10/18/14 19:06	1
Chloroform	ND		1.0		ug/L			10/18/14 19:06	1
Chloromethane	ND		1.0		ug/L			10/18/14 19:06	1
2-Chlorotoluene	ND		0.50		ug/L			10/18/14 19:06	1
4-Chlorotoluene	ND		0.50		ug/L			10/18/14 19:06	1
Chlorodibromomethane	ND		0.50		ug/L			10/18/14 19:06	1
1,2-Dichlorobenzene	ND		0.50		ug/L			10/18/14 19:06	1
1,3-Dichlorobenzene	ND		0.50		ug/L			10/18/14 19:06	1
1,4-Dichlorobenzene	ND		0.50		ug/L			10/18/14 19:06	1
1,3-Dichloropropane	ND		1.0		ug/L			10/18/14 19:06	1
1,1-Dichloropropene	ND		0.50		ug/L			10/18/14 19:06	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			10/18/14 19:06	1
Ethylene Dibromide	ND		0.50		ug/L			10/18/14 19:06	1
Dibromomethane	ND		0.50		ug/L			10/18/14 19:06	1
Dichlorodifluoromethane	ND		0.50		ug/L			10/18/14 19:06	1
1,1-Dichloroethane	ND		0.50		ug/L			10/18/14 19:06	1
1,2-Dichloroethane	ND		0.50		ug/L			10/18/14 19:06	1
1,1-Dichloroethene	ND		0.50		ug/L			10/18/14 19:06	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			10/18/14 19:06	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			10/18/14 19:06	1
1,2-Dichloropropane	ND		0.50		ug/L			10/18/14 19:06	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			10/18/14 19:06	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			10/18/14 19:06	1
Ethylbenzene	ND		0.50		ug/L			10/18/14 19:06	1
Hexachlorobutadiene	ND		1.0		ug/L			10/18/14 19:06	1
2-Hexanone	ND		50		ug/L			10/18/14 19:06	1
Isopropylbenzene	ND		0.50		ug/L			10/18/14 19:06	1
4-Isopropyltoluene	ND		1.0		ug/L			10/18/14 19:06	1
Methylene Chloride	ND		5.0		ug/L			10/18/14 19:06	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			10/18/14 19:06	1
Naphthalene	ND		1.0		ug/L			10/18/14 19:06	1
N-Propylbenzene	ND		1.0		ug/L			10/18/14 19:06	1
Styrene	ND		0.50		ug/L			10/18/14 19:06	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			10/18/14 19:06	1

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60514-1

Client Sample ID: PLSB-12

Lab Sample ID: 720-60514-8

Date Collected: 10/10/14 16:00

Matrix: Water

Date Received: 10/10/14 18:45

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			10/18/14 19:06	1
Tetrachloroethene	ND		0.50		ug/L			10/18/14 19:06	1
Toluene	ND		0.50		ug/L			10/18/14 19:06	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			10/18/14 19:06	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			10/18/14 19:06	1
1,1,1-Trichloroethane	ND		0.50		ug/L			10/18/14 19:06	1
1,1,2-Trichloroethane	ND		0.50		ug/L			10/18/14 19:06	1
Trichloroethene	ND		0.50		ug/L			10/18/14 19:06	1
Trichlorofluoromethane	ND		1.0		ug/L			10/18/14 19:06	1
1,2,3-Trichloropropane	ND		0.50		ug/L			10/18/14 19:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			10/18/14 19:06	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			10/18/14 19:06	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			10/18/14 19:06	1
Vinyl acetate	ND		10		ug/L			10/18/14 19:06	1
Vinyl chloride	ND		0.50		ug/L			10/18/14 19:06	1
Xylenes, Total	ND		1.0		ug/L			10/18/14 19:06	1
2,2-Dichloropropane	ND		0.50		ug/L			10/18/14 19:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	105		67 - 130		10/18/14 19:06	1
1,2-Dichloroethane-d4 (Surr)	114		72 - 130		10/18/14 19:06	1
Toluene-d8 (Surr)	92		70 - 130		10/18/14 19:06	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		2.1		ug/L		10/16/14 10:12	10/17/14 14:16	1
Bis(2-chloroethyl)ether	ND		2.1		ug/L		10/16/14 10:12	10/17/14 14:16	1
2-Chlorophenol	ND		4.2		ug/L		10/16/14 10:12	10/17/14 14:16	1
1,3-Dichlorobenzene	ND		2.1		ug/L		10/16/14 10:12	10/17/14 14:16	1
1,4-Dichlorobenzene	ND		2.1		ug/L		10/16/14 10:12	10/17/14 14:16	1
Benzyl alcohol	ND		5.3		ug/L		10/16/14 10:12	10/17/14 14:16	1
1,2-Dichlorobenzene	ND		2.1		ug/L		10/16/14 10:12	10/17/14 14:16	1
2-Methylphenol	ND		4.2		ug/L		10/16/14 10:12	10/17/14 14:16	1
4-Methylphenol	ND		8.4		ug/L		10/16/14 10:12	10/17/14 14:16	1
N-Nitrosodi-n-propylamine	ND		2.1		ug/L		10/16/14 10:12	10/17/14 14:16	1
Hexachloroethane	ND		2.1		ug/L		10/16/14 10:12	10/17/14 14:16	1
Nitrobenzene	ND		2.1		ug/L		10/16/14 10:12	10/17/14 14:16	1
Isophorone	ND		4.2		ug/L		10/16/14 10:12	10/17/14 14:16	1
2-Nitrophenol	ND		2.1		ug/L		10/16/14 10:12	10/17/14 14:16	1
2,4-Dimethylphenol	ND		3.2		ug/L		10/16/14 10:12	10/17/14 14:16	1
Bis(2-chloroethoxy)methane	ND		5.3		ug/L		10/16/14 10:12	10/17/14 14:16	1
2,4-Dichlorophenol	ND		5.3		ug/L		10/16/14 10:12	10/17/14 14:16	1
1,2,4-Trichlorobenzene	ND		2.1		ug/L		10/16/14 10:12	10/17/14 14:16	1
Naphthalene	ND		2.1		ug/L		10/16/14 10:12	10/17/14 14:16	1
4-Chloroaniline	ND		2.1		ug/L		10/16/14 10:12	10/17/14 14:16	1
Hexachlorobutadiene	ND		2.1		ug/L		10/16/14 10:12	10/17/14 14:16	1
4-Chloro-3-methylphenol	ND		5.3		ug/L		10/16/14 10:12	10/17/14 14:16	1
2-Methylnaphthalene	ND		2.1		ug/L		10/16/14 10:12	10/17/14 14:16	1
Hexachlorocyclopentadiene	ND		5.3		ug/L		10/16/14 10:12	10/17/14 14:16	1
2,4,6-Trichlorophenol	ND		2.1		ug/L		10/16/14 10:12	10/17/14 14:16	1

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60514-1

Client Sample ID: PLSB-12

Lab Sample ID: 720-60514-8

Date Collected: 10/10/14 16:00

Matrix: Water

Date Received: 10/10/14 18:45

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.2		ug/L		10/16/14 10:12	10/17/14 14:16	1
2-Chloronaphthalene	ND		4.2		ug/L		10/16/14 10:12	10/17/14 14:16	1
2-Nitroaniline	ND		11		ug/L		10/16/14 10:12	10/17/14 14:16	1
Dimethyl phthalate	ND		5.3		ug/L		10/16/14 10:12	10/17/14 14:16	1
Acenaphthylene	ND		4.2		ug/L		10/16/14 10:12	10/17/14 14:16	1
3-Nitroaniline	ND		5.3		ug/L		10/16/14 10:12	10/17/14 14:16	1
Acenaphthene	ND		2.1		ug/L		10/16/14 10:12	10/17/14 14:16	1
2,4-Dinitrophenol	ND		11		ug/L		10/16/14 10:12	10/17/14 14:16	1
4-Nitrophenol	ND		11		ug/L		10/16/14 10:12	10/17/14 14:16	1
Dibenzofuran	ND		4.2		ug/L		10/16/14 10:12	10/17/14 14:16	1
2,4-Dinitrotoluene	ND		4.2		ug/L		10/16/14 10:12	10/17/14 14:16	1
2,6-Dinitrotoluene	ND		5.3		ug/L		10/16/14 10:12	10/17/14 14:16	1
Diethyl phthalate	ND		5.3		ug/L		10/16/14 10:12	10/17/14 14:16	1
4-Chlorophenyl phenyl ether	ND		5.3		ug/L		10/16/14 10:12	10/17/14 14:16	1
Fluorene	ND		4.2		ug/L		10/16/14 10:12	10/17/14 14:16	1
4-Nitroaniline	ND		11		ug/L		10/16/14 10:12	10/17/14 14:16	1
2-Methyl-4,6-dinitrophenol	ND		11		ug/L		10/16/14 10:12	10/17/14 14:16	1
N-Nitrosodiphenylamine	ND		2.1		ug/L		10/16/14 10:12	10/17/14 14:16	1
4-Bromophenyl phenyl ether	ND		5.3		ug/L		10/16/14 10:12	10/17/14 14:16	1
Hexachlorobenzene	ND		2.1		ug/L		10/16/14 10:12	10/17/14 14:16	1
Pentachlorophenol	ND		11		ug/L		10/16/14 10:12	10/17/14 14:16	1
Phenanthrene	ND		2.1		ug/L		10/16/14 10:12	10/17/14 14:16	1
Anthracene	ND		2.1		ug/L		10/16/14 10:12	10/17/14 14:16	1
Di-n-butyl phthalate	ND		5.3		ug/L		10/16/14 10:12	10/17/14 14:16	1
Fluoranthene	ND		2.1		ug/L		10/16/14 10:12	10/17/14 14:16	1
Pyrene	ND		2.1		ug/L		10/16/14 10:12	10/17/14 14:16	1
Butyl benzyl phthalate	ND		5.3		ug/L		10/16/14 10:12	10/17/14 14:16	1
3,3'-Dichlorobenzidine	ND		5.3		ug/L		10/16/14 10:12	10/17/14 14:16	1
Benzo[a]anthracene	ND		5.3		ug/L		10/16/14 10:12	10/17/14 14:16	1
Bis(2-ethylhexyl) phthalate	ND		11		ug/L		10/16/14 10:12	10/17/14 14:16	1
Chrysene	ND		2.1		ug/L		10/16/14 10:12	10/17/14 14:16	1
Di-n-octyl phthalate	ND		5.3		ug/L		10/16/14 10:12	10/17/14 14:16	1
Benzo[b]fluoranthene	ND		2.1		ug/L		10/16/14 10:12	10/17/14 14:16	1
Benzo[a]pyrene	ND		2.1		ug/L		10/16/14 10:12	10/17/14 14:16	1
Benzo[k]fluoranthene	ND		2.1		ug/L		10/16/14 10:12	10/17/14 14:16	1
Indeno[1,2,3-cd]pyrene	ND		2.1		ug/L		10/16/14 10:12	10/17/14 14:16	1
Benzo[g,h,i]perylene	ND		2.1		ug/L		10/16/14 10:12	10/17/14 14:16	1
Benzoic acid	ND		11		ug/L		10/16/14 10:12	10/17/14 14:16	1
Azobenzene	ND		2.1		ug/L		10/16/14 10:12	10/17/14 14:16	1
Dibenz(a,h)anthracene	ND		2.1		ug/L		10/16/14 10:12	10/17/14 14:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	56		11 - 92	10/16/14 10:12	10/17/14 14:16	1
2-Fluorobiphenyl	55		10 - 101	10/16/14 10:12	10/17/14 14:16	1
Terphenyl-d14	38		34 - 128	10/16/14 10:12	10/17/14 14:16	1
2-Fluorophenol	25		10 - 65	10/16/14 10:12	10/17/14 14:16	1
Phenol-d5	14		10 - 46	10/16/14 10:12	10/17/14 14:16	1
2,4,6-Tribromophenol	55		17 - 115	10/16/14 10:12	10/17/14 14:16	1

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
 Project/Site: Philips San Jose

TestAmerica Job ID: 720-60514-1

Client Sample ID: PLSB-12

Lab Sample ID: 720-60514-8

Date Collected: 10/10/14 16:00

Matrix: Water

Date Received: 10/10/14 18:45

Method: 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.010		mg/L		10/14/14 10:16	10/14/14 19:20	1
Arsenic	ND		0.010		mg/L		10/14/14 10:16	10/14/14 19:20	1
Beryllium	ND		0.0020		mg/L		10/14/14 10:16	10/14/14 19:20	1
Cadmium	ND		0.0020		mg/L		10/14/14 10:16	10/14/14 19:20	1
Chromium	ND		0.010		mg/L		10/14/14 10:16	10/14/14 19:20	1
Copper	ND		0.020		mg/L		10/14/14 10:16	10/14/14 19:20	1
Lead	ND		0.0050		mg/L		10/14/14 10:16	10/14/14 19:20	1
Nickel	ND		0.010		mg/L		10/14/14 10:16	10/14/14 19:20	1
Selenium	ND		0.020		mg/L		10/14/14 10:16	10/14/14 19:20	1
Silver	ND		0.0050		mg/L		10/14/14 10:16	10/14/14 19:20	1
Zinc	ND		0.020		mg/L		10/14/14 10:16	10/14/14 19:20	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		10/15/14 13:20	10/16/14 20:14	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010		mg/L		10/15/14 14:45	10/15/14 17:25	1

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60514-1

Client Sample ID: TB

Lab Sample ID: 720-60514-9

Date Collected: 10/10/14 00:00

Matrix: Water

Date Received: 10/10/14 18:45

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			10/18/14 12:56	1
Acetone	ND		50		ug/L			10/18/14 12:56	1
Benzene	ND		0.50		ug/L			10/18/14 12:56	1
Dichlorobromomethane	ND		0.50		ug/L			10/18/14 12:56	1
Bromobenzene	ND		1.0		ug/L			10/18/14 12:56	1
Chlorobromomethane	ND		1.0		ug/L			10/18/14 12:56	1
Bromoform	ND		1.0		ug/L			10/18/14 12:56	1
Bromomethane	ND		1.0		ug/L			10/18/14 12:56	1
2-Butanone (MEK)	ND		50		ug/L			10/18/14 12:56	1
n-Butylbenzene	ND		1.0		ug/L			10/18/14 12:56	1
sec-Butylbenzene	ND		1.0		ug/L			10/18/14 12:56	1
tert-Butylbenzene	ND		1.0		ug/L			10/18/14 12:56	1
Carbon disulfide	ND		5.0		ug/L			10/18/14 12:56	1
Carbon tetrachloride	ND		0.50		ug/L			10/18/14 12:56	1
Chlorobenzene	ND		0.50		ug/L			10/18/14 12:56	1
Chloroethane	ND		1.0		ug/L			10/18/14 12:56	1
Chloroform	ND		1.0		ug/L			10/18/14 12:56	1
Chloromethane	ND		1.0		ug/L			10/18/14 12:56	1
2-Chlorotoluene	ND		0.50		ug/L			10/18/14 12:56	1
4-Chlorotoluene	ND		0.50		ug/L			10/18/14 12:56	1
Chlorodibromomethane	ND		0.50		ug/L			10/18/14 12:56	1
1,2-Dichlorobenzene	ND		0.50		ug/L			10/18/14 12:56	1
1,3-Dichlorobenzene	ND		0.50		ug/L			10/18/14 12:56	1
1,4-Dichlorobenzene	ND		0.50		ug/L			10/18/14 12:56	1
1,3-Dichloropropane	ND		1.0		ug/L			10/18/14 12:56	1
1,1-Dichloropropene	ND		0.50		ug/L			10/18/14 12:56	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			10/18/14 12:56	1
Ethylene Dibromide	ND		0.50		ug/L			10/18/14 12:56	1
Dibromomethane	ND		0.50		ug/L			10/18/14 12:56	1
Dichlorodifluoromethane	ND		0.50		ug/L			10/18/14 12:56	1
1,1-Dichloroethane	ND		0.50		ug/L			10/18/14 12:56	1
1,2-Dichloroethane	ND		0.50		ug/L			10/18/14 12:56	1
1,1-Dichloroethene	ND		0.50		ug/L			10/18/14 12:56	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			10/18/14 12:56	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			10/18/14 12:56	1
1,2-Dichloropropane	ND		0.50		ug/L			10/18/14 12:56	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			10/18/14 12:56	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			10/18/14 12:56	1
Ethylbenzene	ND		0.50		ug/L			10/18/14 12:56	1
Hexachlorobutadiene	ND		1.0		ug/L			10/18/14 12:56	1
2-Hexanone	ND		50		ug/L			10/18/14 12:56	1
Isopropylbenzene	ND		0.50		ug/L			10/18/14 12:56	1
4-Isopropyltoluene	ND		1.0		ug/L			10/18/14 12:56	1
Methylene Chloride	ND		5.0		ug/L			10/18/14 12:56	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			10/18/14 12:56	1
Naphthalene	ND		1.0		ug/L			10/18/14 12:56	1
N-Propylbenzene	ND		1.0		ug/L			10/18/14 12:56	1
Styrene	ND		0.50		ug/L			10/18/14 12:56	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			10/18/14 12:56	1

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60514-1

Client Sample ID: TB

Lab Sample ID: 720-60514-9

Date Collected: 10/10/14 00:00

Matrix: Water

Date Received: 10/10/14 18:45

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			10/18/14 12:56	1
Tetrachloroethene	ND		0.50		ug/L			10/18/14 12:56	1
Toluene	ND		0.50		ug/L			10/18/14 12:56	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			10/18/14 12:56	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			10/18/14 12:56	1
1,1,1-Trichloroethane	ND		0.50		ug/L			10/18/14 12:56	1
1,1,2-Trichloroethane	ND		0.50		ug/L			10/18/14 12:56	1
Trichloroethene	ND		0.50		ug/L			10/18/14 12:56	1
Trichlorofluoromethane	ND		1.0		ug/L			10/18/14 12:56	1
1,2,3-Trichloropropane	ND		0.50		ug/L			10/18/14 12:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			10/18/14 12:56	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			10/18/14 12:56	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			10/18/14 12:56	1
Vinyl acetate	ND		10		ug/L			10/18/14 12:56	1
Vinyl chloride	ND		0.50		ug/L			10/18/14 12:56	1
Xylenes, Total	ND		1.0		ug/L			10/18/14 12:56	1
2,2-Dichloropropane	ND		0.50		ug/L			10/18/14 12:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	109		67 - 130		10/18/14 12:56	1
1,2-Dichloroethane-d4 (Surr)	99		72 - 130		10/18/14 12:56	1
Toluene-d8 (Surr)	92		70 - 130		10/18/14 12:56	1

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60514-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 720-169123/5

Matrix: Water

Analysis Batch: 169123

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			10/18/14 10:33	1
Acetone	ND		50		ug/L			10/18/14 10:33	1
Benzene	ND		0.50		ug/L			10/18/14 10:33	1
Dichlorobromomethane	ND		0.50		ug/L			10/18/14 10:33	1
Bromobenzene	ND		1.0		ug/L			10/18/14 10:33	1
Chlorobromomethane	ND		1.0		ug/L			10/18/14 10:33	1
Bromoform	ND		1.0		ug/L			10/18/14 10:33	1
Bromomethane	ND		1.0		ug/L			10/18/14 10:33	1
2-Butanone (MEK)	ND		50		ug/L			10/18/14 10:33	1
n-Butylbenzene	ND		1.0		ug/L			10/18/14 10:33	1
sec-Butylbenzene	ND		1.0		ug/L			10/18/14 10:33	1
tert-Butylbenzene	ND		1.0		ug/L			10/18/14 10:33	1
Carbon disulfide	ND		5.0		ug/L			10/18/14 10:33	1
Carbon tetrachloride	ND		0.50		ug/L			10/18/14 10:33	1
Chlorobenzene	ND		0.50		ug/L			10/18/14 10:33	1
Chloroethane	ND		1.0		ug/L			10/18/14 10:33	1
Chloroform	ND		1.0		ug/L			10/18/14 10:33	1
Chloromethane	ND		1.0		ug/L			10/18/14 10:33	1
2-Chlorotoluene	ND		0.50		ug/L			10/18/14 10:33	1
4-Chlorotoluene	ND		0.50		ug/L			10/18/14 10:33	1
Chlorodibromomethane	ND		0.50		ug/L			10/18/14 10:33	1
1,2-Dichlorobenzene	ND		0.50		ug/L			10/18/14 10:33	1
1,3-Dichlorobenzene	ND		0.50		ug/L			10/18/14 10:33	1
1,4-Dichlorobenzene	ND		0.50		ug/L			10/18/14 10:33	1
1,3-Dichloropropane	ND		1.0		ug/L			10/18/14 10:33	1
1,1-Dichloropropene	ND		0.50		ug/L			10/18/14 10:33	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			10/18/14 10:33	1
Ethylene Dibromide	ND		0.50		ug/L			10/18/14 10:33	1
Dibromomethane	ND		0.50		ug/L			10/18/14 10:33	1
Dichlorodifluoromethane	ND		0.50		ug/L			10/18/14 10:33	1
1,1-Dichloroethane	ND		0.50		ug/L			10/18/14 10:33	1
1,2-Dichloroethane	ND		0.50		ug/L			10/18/14 10:33	1
1,1-Dichloroethene	ND		0.50		ug/L			10/18/14 10:33	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			10/18/14 10:33	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			10/18/14 10:33	1
1,2-Dichloropropane	ND		0.50		ug/L			10/18/14 10:33	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			10/18/14 10:33	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			10/18/14 10:33	1
Ethylbenzene	ND		0.50		ug/L			10/18/14 10:33	1
Hexachlorobutadiene	ND		1.0		ug/L			10/18/14 10:33	1
2-Hexanone	ND		50		ug/L			10/18/14 10:33	1
Isopropylbenzene	ND		0.50		ug/L			10/18/14 10:33	1
4-Isopropyltoluene	ND		1.0		ug/L			10/18/14 10:33	1
Methylene Chloride	ND		5.0		ug/L			10/18/14 10:33	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			10/18/14 10:33	1
Naphthalene	ND		1.0		ug/L			10/18/14 10:33	1
N-Propylbenzene	ND		1.0		ug/L			10/18/14 10:33	1
Styrene	ND		0.50		ug/L			10/18/14 10:33	1

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60514-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 720-169123/5

Matrix: Water

Analysis Batch: 169123

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			10/18/14 10:33	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			10/18/14 10:33	1
Tetrachloroethene	ND		0.50		ug/L			10/18/14 10:33	1
Toluene	ND		0.50		ug/L			10/18/14 10:33	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			10/18/14 10:33	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			10/18/14 10:33	1
1,1,1-Trichloroethane	ND		0.50		ug/L			10/18/14 10:33	1
1,1,2-Trichloroethane	ND		0.50		ug/L			10/18/14 10:33	1
Trichloroethene	ND		0.50		ug/L			10/18/14 10:33	1
Trichlorofluoromethane	ND		1.0		ug/L			10/18/14 10:33	1
1,2,3-Trichloropropane	ND		0.50		ug/L			10/18/14 10:33	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			10/18/14 10:33	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			10/18/14 10:33	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			10/18/14 10:33	1
Vinyl acetate	ND		10		ug/L			10/18/14 10:33	1
Vinyl chloride	ND		0.50		ug/L			10/18/14 10:33	1
Xylenes, Total	ND		1.0		ug/L			10/18/14 10:33	1
2,2-Dichloropropane	ND		0.50		ug/L			10/18/14 10:33	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	104		67 - 130		10/18/14 10:33	1
1,2-Dichloroethane-d4 (Surr)	99		72 - 130		10/18/14 10:33	1
Toluene-d8 (Surr)	91		70 - 130		10/18/14 10:33	1

Lab Sample ID: LCS 720-169123/6

Matrix: Water

Analysis Batch: 169123

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl tert-butyl ether	25.0	25.4		ug/L		102	62 - 130
Acetone	125	117		ug/L		93	26 - 180
Benzene	25.0	26.4		ug/L		106	79 - 130
Dichlorobromomethane	25.0	27.5		ug/L		110	70 - 130
Bromobenzene	25.0	23.9		ug/L		96	70 - 130
Chlorobromomethane	25.0	21.1		ug/L		84	70 - 130
Bromoform	25.0	25.7		ug/L		103	68 - 136
Bromomethane	25.0	19.4		ug/L		78	43 - 151
2-Butanone (MEK)	125	125		ug/L		100	54 - 130
n-Butylbenzene	25.0	31.2		ug/L		125	70 - 142
sec-Butylbenzene	25.0	27.2		ug/L		109	70 - 134
tert-Butylbenzene	25.0	25.5		ug/L		102	70 - 135
Carbon disulfide	25.0	26.7		ug/L		107	58 - 130
Carbon tetrachloride	25.0	25.4		ug/L		102	70 - 146
Chlorobenzene	25.0	24.7		ug/L		99	70 - 130
Chloroethane	25.0	20.5		ug/L		82	62 - 138
Chloroform	25.0	26.6		ug/L		106	70 - 130
Chloromethane	25.0	28.1		ug/L		113	52 - 175
2-Chlorotoluene	25.0	28.2		ug/L		113	70 - 130

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60514-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 720-169123/6

Matrix: Water

Analysis Batch: 169123

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4-Chlorotoluene	25.0	28.8		ug/L		115	70 - 130
Chlorodibromomethane	25.0	25.5		ug/L		102	70 - 145
1,2-Dichlorobenzene	25.0	24.9		ug/L		100	70 - 130
1,3-Dichlorobenzene	25.0	25.3		ug/L		101	70 - 130
1,4-Dichlorobenzene	25.0	25.0		ug/L		100	70 - 130
1,3-Dichloropropane	25.0	26.2		ug/L		105	70 - 130
1,1-Dichloropropene	25.0	29.5		ug/L		118	70 - 130
1,2-Dibromo-3-Chloropropane	25.0	27.3		ug/L		109	70 - 136
Ethylene Dibromide	25.0	24.0		ug/L		96	70 - 130
Dibromomethane	25.0	25.3		ug/L		101	70 - 130
Dichlorodifluoromethane	25.0	25.5		ug/L		102	34 - 132
1,1-Dichloroethane	25.0	26.5		ug/L		106	70 - 130
1,2-Dichloroethane	25.0	26.6		ug/L		106	61 - 132
1,1-Dichloroethene	25.0	22.0		ug/L		88	64 - 128
cis-1,2-Dichloroethene	25.0	26.4		ug/L		106	70 - 130
trans-1,2-Dichloroethene	25.0	24.7		ug/L		99	68 - 130
1,2-Dichloropropane	25.0	25.6		ug/L		102	70 - 130
cis-1,3-Dichloropropene	25.0	27.7		ug/L		111	70 - 130
trans-1,3-Dichloropropene	25.0	30.3		ug/L		121	70 - 140
Ethylbenzene	25.0	26.3		ug/L		105	80 - 120
Hexachlorobutadiene	25.0	31.9		ug/L		128	70 - 130
2-Hexanone	125	139		ug/L		112	60 - 164
Isopropylbenzene	25.0	25.3		ug/L		101	70 - 130
4-Isopropyltoluene	25.0	25.6		ug/L		103	70 - 130
Methylene Chloride	25.0	24.3		ug/L		97	70 - 147
4-Methyl-2-pentanone (MIBK)	125	143		ug/L		115	58 - 130
Naphthalene	25.0	26.3		ug/L		105	70 - 130
N-Propylbenzene	25.0	29.7		ug/L		119	70 - 130
Styrene	25.0	24.6		ug/L		98	70 - 130
1,1,1,2-Tetrachloroethane	25.0	24.1		ug/L		97	70 - 130
1,1,2,2-Tetrachloroethane	25.0	31.1		ug/L		125	70 - 130
Tetrachloroethene	25.0	24.3		ug/L		97	70 - 130
Toluene	25.0	25.6		ug/L		102	78 - 120
1,2,3-Trichlorobenzene	25.0	27.4		ug/L		110	70 - 130
1,2,4-Trichlorobenzene	25.0	28.5		ug/L		114	70 - 130
1,1,1-Trichloroethane	25.0	25.9		ug/L		104	70 - 130
1,1,2-Trichloroethane	25.0	27.2		ug/L		109	70 - 130
Trichloroethene	25.0	22.4		ug/L		89	70 - 130
Trichlorofluoromethane	25.0	27.3		ug/L		109	66 - 132
1,2,3-Trichloropropane	25.0	27.1		ug/L		108	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	20.5		ug/L		82	42 - 162
1,2,4-Trimethylbenzene	25.0	26.9		ug/L		108	70 - 132
1,3,5-Trimethylbenzene	25.0	27.6		ug/L		110	70 - 130
Vinyl acetate	25.0	32.8		ug/L		131	43 - 163
Vinyl chloride	25.0	20.7		ug/L		83	54 - 135
m-Xylene & p-Xylene	25.0	26.3		ug/L		105	70 - 142
o-Xylene	25.0	26.0		ug/L		104	70 - 130

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60514-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 720-169123/6

Matrix: Water

Analysis Batch: 169123

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,2-Dichloropropane	25.0	28.3		ug/L		113	70 - 140

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	101		67 - 130
1,2-Dichloroethane-d4 (Surr)	98		72 - 130
Toluene-d8 (Surr)	95		70 - 130

Lab Sample ID: LCSD 720-169123/7

Matrix: Water

Analysis Batch: 169123

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Methyl tert-butyl ether	25.0	26.9		ug/L		108	62 - 130	6	20
Acetone	125	133		ug/L		107	26 - 180	13	30
Benzene	25.0	26.1		ug/L		105	79 - 130	1	20
Dichlorobromomethane	25.0	27.8		ug/L		111	70 - 130	1	20
Bromobenzene	25.0	24.0		ug/L		96	70 - 130	0	20
Chlorobromomethane	25.0	21.4		ug/L		85	70 - 130	1	20
Bromoform	25.0	27.2		ug/L		109	68 - 136	6	20
Bromomethane	25.0	21.4		ug/L		86	43 - 151	10	20
2-Butanone (MEK)	125	132		ug/L		105	54 - 130	5	20
n-Butylbenzene	25.0	30.2		ug/L		121	70 - 142	3	20
sec-Butylbenzene	25.0	26.5		ug/L		106	70 - 134	3	20
tert-Butylbenzene	25.0	25.0		ug/L		100	70 - 135	2	20
Carbon disulfide	25.0	26.3		ug/L		105	58 - 130	2	20
Carbon tetrachloride	25.0	25.1		ug/L		100	70 - 146	1	20
Chlorobenzene	25.0	24.7		ug/L		99	70 - 130	0	20
Chloroethane	25.0	22.5		ug/L		90	62 - 138	9	20
Chloroform	25.0	26.5		ug/L		106	70 - 130	0	20
Chloromethane	25.0	29.2		ug/L		117	52 - 175	4	20
2-Chlorotoluene	25.0	27.7		ug/L		111	70 - 130	2	20
4-Chlorotoluene	25.0	28.0		ug/L		112	70 - 130	3	20
Chlorodibromomethane	25.0	26.3		ug/L		105	70 - 145	3	20
1,2-Dichlorobenzene	25.0	24.5		ug/L		98	70 - 130	1	20
1,3-Dichlorobenzene	25.0	24.9		ug/L		100	70 - 130	1	20
1,4-Dichlorobenzene	25.0	24.9		ug/L		100	70 - 130	1	20
1,3-Dichloropropane	25.0	27.0		ug/L		108	70 - 130	3	20
1,1-Dichloropropene	25.0	28.9		ug/L		116	70 - 130	2	20
1,2-Dibromo-3-Chloropropane	25.0	28.8		ug/L		115	70 - 136	5	20
Ethylene Dibromide	25.0	25.1		ug/L		101	70 - 130	5	20
Dibromomethane	25.0	26.3		ug/L		105	70 - 130	4	20
Dichlorodifluoromethane	25.0	26.1		ug/L		104	34 - 132	2	20
1,1-Dichloroethane	25.0	26.7		ug/L		107	70 - 130	1	20
1,2-Dichloroethane	25.0	27.1		ug/L		108	61 - 132	2	20
1,1-Dichloroethane	25.0	22.4		ug/L		90	64 - 128	2	20
cis-1,2-Dichloroethane	25.0	25.9		ug/L		103	70 - 130	2	20
trans-1,2-Dichloroethane	25.0	24.3		ug/L		97	68 - 130	2	20
1,2-Dichloropropane	25.0	26.3		ug/L		105	70 - 130	3	20

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60514-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 720-169123/7

Matrix: Water

Analysis Batch: 169123

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits		RPD	
							RPD	Limit		
cis-1,3-Dichloropropene	25.0	28.2		ug/L		113	70 - 130	2	20	
trans-1,3-Dichloropropene	25.0	30.9		ug/L		124	70 - 140	2	20	
Ethylbenzene	25.0	25.7		ug/L		103	80 - 120	2	20	
Hexachlorobutadiene	25.0	29.9		ug/L		120	70 - 130	6	20	
2-Hexanone	125	149		ug/L		119	60 - 164	7	20	
Isopropylbenzene	25.0	24.8		ug/L		99	70 - 130	2	20	
4-Isopropyltoluene	25.0	25.1		ug/L		100	70 - 130	2	20	
Methylene Chloride	25.0	25.0		ug/L		100	70 - 147	3	20	
4-Methyl-2-pentanone (MIBK)	125	152		ug/L		122	58 - 130	6	20	
Naphthalene	25.0	27.2		ug/L		109	70 - 130	3	20	
N-Propylbenzene	25.0	28.6		ug/L		115	70 - 130	3	20	
Styrene	25.0	24.3		ug/L		97	70 - 130	1	20	
1,1,1,2-Tetrachloroethane	25.0	24.3		ug/L		97	70 - 130	1	20	
1,1,2,2-Tetrachloroethane	25.0	32.3		ug/L		129	70 - 130	4	20	
Tetrachloroethene	25.0	23.4		ug/L		94	70 - 130	4	20	
Toluene	25.0	25.3		ug/L		101	78 - 120	1	20	
1,2,3-Trichlorobenzene	25.0	27.5		ug/L		110	70 - 130	0	20	
1,2,4-Trichlorobenzene	25.0	28.6		ug/L		114	70 - 130	0	20	
1,1,1-Trichloroethane	25.0	25.5		ug/L		102	70 - 130	2	20	
1,1,2-Trichloroethane	25.0	27.7		ug/L		111	70 - 130	2	20	
Trichloroethene	25.0	22.0		ug/L		88	70 - 130	1	20	
Trichlorofluoromethane	25.0	26.9		ug/L		108	66 - 132	2	20	
1,2,3-Trichloropropane	25.0	28.3		ug/L		113	70 - 130	5	20	
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	20.4		ug/L		82	42 - 162	0	20	
1,2,4-Trimethylbenzene	25.0	26.5		ug/L		106	70 - 132	2	20	
1,3,5-Trimethylbenzene	25.0	26.8		ug/L		107	70 - 130	3	20	
Vinyl acetate	25.0	34.5		ug/L		138	43 - 163	5	20	
Vinyl chloride	25.0	22.4		ug/L		90	54 - 135	8	20	
m-Xylene & p-Xylene	25.0	25.9		ug/L		103	70 - 142	2	20	
o-Xylene	25.0	25.5		ug/L		102	70 - 130	2	20	
2,2-Dichloropropane	25.0	26.1		ug/L		104	70 - 140	8	20	

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene	103		67 - 130
1,2-Dichloroethane-d4 (Surr)	101		72 - 130
Toluene-d8 (Surr)	94		70 - 130

Lab Sample ID: 720-60508-A-1 MS

Matrix: Water

Analysis Batch: 169123

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS		Unit	D	%Rec	%Rec. Limits	
				Result	Qualifier				RPD	Limit
Methyl tert-butyl ether	ND		25.0	28.6		ug/L		115	60 - 138	
Acetone	ND		125	117		ug/L		94	60 - 140	
Benzene	ND		25.0	29.0		ug/L		116	60 - 140	
Dichlorobromomethane	ND		25.0	30.6		ug/L		122	60 - 140	
Bromobenzene	ND		25.0	26.6		ug/L		106	60 - 140	

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60514-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 720-60508-A-1 MS

Client Sample ID: Matrix Spike

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 169123

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.
	Result	Qualifier	Added	Result	Qualifier			Limits	
Chlorobromomethane	ND		25.0	23.3		ug/L		93	60 - 140
Bromoform	ND		25.0	29.5		ug/L		118	56 - 140
Bromomethane	ND		25.0	23.4		ug/L		94	23 - 140
2-Butanone (MEK)	ND		125	119		ug/L		95	60 - 140
n-Butylbenzene	ND		25.0	31.9		ug/L		127	60 - 140
sec-Butylbenzene	ND		25.0	28.3		ug/L		113	60 - 140
tert-Butylbenzene	ND		25.0	26.9		ug/L		108	60 - 140
Carbon disulfide	ND		25.0	28.3		ug/L		113	38 - 140
Carbon tetrachloride	ND		25.0	26.6		ug/L		107	60 - 140
Chlorobenzene	ND		25.0	28.6		ug/L		114	60 - 140
Chloroethane	ND		25.0	25.0		ug/L		100	51 - 140
Chloroform	ND		25.0	29.3		ug/L		117	60 - 140
Chloromethane	ND		25.0	28.8		ug/L		115	52 - 140
2-Chlorotoluene	ND		25.0	30.2		ug/L		121	60 - 140
4-Chlorotoluene	ND		25.0	30.7		ug/L		123	60 - 140
Chlorodibromomethane	ND		25.0	28.2		ug/L		113	60 - 140
1,2-Dichlorobenzene	ND		25.0	26.9		ug/L		108	60 - 140
1,3-Dichlorobenzene	ND		25.0	27.4		ug/L		110	60 - 140
1,4-Dichlorobenzene	ND		25.0	27.5		ug/L		110	60 - 140
1,3-Dichloropropane	ND		25.0	28.8		ug/L		115	60 - 140
1,1-Dichloropropene	ND		25.0	30.8		ug/L		123	60 - 140
1,2-Dibromo-3-Chloropropane	ND		25.0	26.7		ug/L		107	60 - 140
Ethylene Dibromide	ND		25.0	25.6		ug/L		103	60 - 140
Dibromomethane	ND		25.0	27.8		ug/L		111	60 - 140
Dichlorodifluoromethane	ND		25.0	26.9		ug/L		107	38 - 140
1,1-Dichloroethane	ND		25.0	29.5		ug/L		118	60 - 140
1,2-Dichloroethane	ND		25.0	29.4		ug/L		118	60 - 140
1,1-Dichloroethene	ND		25.0	24.1		ug/L		97	60 - 140
cis-1,2-Dichloroethene	ND		25.0	28.7		ug/L		115	60 - 140
trans-1,2-Dichloroethene	ND		25.0	26.4		ug/L		105	60 - 140
1,2-Dichloropropane	ND		25.0	29.4		ug/L		118	60 - 140
cis-1,3-Dichloropropene	ND		25.0	30.8		ug/L		123	60 - 140
trans-1,3-Dichloropropene	ND		25.0	33.1		ug/L		132	60 - 140
Ethylbenzene	ND		25.0	29.7		ug/L		119	60 - 140
Hexachlorobutadiene	ND		25.0	32.6		ug/L		130	60 - 140
2-Hexanone	ND		125	131		ug/L		104	60 - 140
Isopropylbenzene	ND		25.0	28.2		ug/L		113	60 - 140
4-Isopropyltoluene	ND		25.0	26.7		ug/L		107	60 - 140
Methylene Chloride	ND		25.0	29.3		ug/L		117	40 - 140
4-Methyl-2-pentanone (MIBK)	ND		125	139		ug/L		111	58 - 130
Naphthalene	ND		25.0	27.0		ug/L		108	56 - 140
N-Propylbenzene	ND		25.0	30.9		ug/L		123	60 - 140
Styrene	ND		25.0	28.2		ug/L		113	60 - 140
1,1,1,2-Tetrachloroethane	ND		25.0	28.6		ug/L		114	60 - 140
1,1,1,2,2-Tetrachloroethane	ND		25.0	32.1		ug/L		128	60 - 140
Tetrachloroethene	ND		25.0	24.7		ug/L		99	60 - 140
Toluene	ND		25.0	29.3		ug/L		117	60 - 140
1,2,3-Trichlorobenzene	ND		25.0	29.6		ug/L		118	60 - 140

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QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60514-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 720-60508-A-1 MS

Matrix: Water

Analysis Batch: 169123

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier	Added	Result	Qualifier				
1,2,4-Trichlorobenzene	ND		25.0	30.3		ug/L		121	60 - 140
1,1,1-Trichloroethane	ND		25.0	27.2		ug/L		109	60 - 140
1,1,2-Trichloroethane	ND		25.0	28.8		ug/L		115	60 - 140
Trichloroethene	ND		25.0	24.0		ug/L		96	60 - 140
Trichlorofluoromethane	ND		25.0	28.7		ug/L		115	60 - 140
1,2,3-Trichloropropane	ND		25.0	27.5		ug/L		110	60 - 140
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	21.5		ug/L		86	60 - 140
1,2,4-Trimethylbenzene	ND		25.0	29.0		ug/L		116	60 - 140
1,3,5-Trimethylbenzene	ND		25.0	29.4		ug/L		118	60 - 140
Vinyl acetate	ND		25.0	34.4		ug/L		138	40 - 140
Vinyl chloride	ND		25.0	24.0		ug/L		96	58 - 140
m-Xylene & p-Xylene	ND		25.0	29.7		ug/L		119	60 - 140
o-Xylene	ND		25.0	29.7		ug/L		119	60 - 140
2,2-Dichloropropane	ND		25.0	28.0		ug/L		112	60 - 140

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene	111		67 - 130
1,2-Dichloroethane-d4 (Surr)	95		72 - 130
Toluene-d8 (Surr)	94		70 - 130

Lab Sample ID: 720-60508-A-1 MSD

Matrix: Water

Analysis Batch: 169123

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
	Result	Qualifier	Added	Result	Qualifier						
Methyl tert-butyl ether	ND		25.0	31.3		ug/L		125	60 - 138	9	20
Acetone	ND		125	130		ug/L		104	60 - 140	11	20
Benzene	ND		25.0	29.3		ug/L		117	60 - 140	1	20
Dichlorobromomethane	ND		25.0	31.4		ug/L		126	60 - 140	3	20
Bromobenzene	ND		25.0	26.9		ug/L		108	60 - 140	1	20
Chlorobromomethane	ND		25.0	24.7		ug/L		99	60 - 140	6	20
Bromoform	ND		25.0	32.6		ug/L		130	56 - 140	10	20
Bromomethane	ND		25.0	23.0		ug/L		92	23 - 140	2	20
2-Butanone (MEK)	ND		125	140		ug/L		112	60 - 140	17	20
n-Butylbenzene	ND		25.0	31.8		ug/L		127	60 - 140	0	20
sec-Butylbenzene	ND		25.0	28.2		ug/L		113	60 - 140	0	20
tert-Butylbenzene	ND		25.0	27.0		ug/L		108	60 - 140	0	20
Carbon disulfide	ND		25.0	29.0		ug/L		116	38 - 140	2	20
Carbon tetrachloride	ND		25.0	26.6		ug/L		106	60 - 140	0	20
Chlorobenzene	ND		25.0	29.3		ug/L		117	60 - 140	3	20
Chloroethane	ND		25.0	24.6		ug/L		98	51 - 140	2	20
Chloroform	ND		25.0	29.8		ug/L		119	60 - 140	2	20
Chloromethane	ND		25.0	28.2		ug/L		113	52 - 140	2	20
2-Chlorotoluene	ND		25.0	30.6		ug/L		123	60 - 140	1	20
4-Chlorotoluene	ND		25.0	31.3		ug/L		125	60 - 140	2	20
Chlorodibromomethane	ND		25.0	29.4		ug/L		118	60 - 140	4	20
1,2-Dichlorobenzene	ND		25.0	27.7		ug/L		111	60 - 140	3	20

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60514-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 720-60508-A-1 MSD

Matrix: Water

Analysis Batch: 169123

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		Limit
1,3-Dichlorobenzene	ND		25.0	27.7		ug/L		111	60 - 140	1	20
1,4-Dichlorobenzene	ND		25.0	27.4		ug/L		110	60 - 140	0	20
1,3-Dichloropropane	ND		25.0	30.2		ug/L		121	60 - 140	5	20
1,1-Dichloropropene	ND		25.0	31.1		ug/L		124	60 - 140	1	20
1,2-Dibromo-3-Chloropropane	ND		25.0	29.6		ug/L		119	60 - 140	10	20
Ethylene Dibromide	ND		25.0	27.3		ug/L		109	60 - 140	6	20
Dibromomethane	ND		25.0	29.1		ug/L		116	60 - 140	5	20
Dichlorodifluoromethane	ND		25.0	25.4		ug/L		101	38 - 140	6	20
1,1-Dichloroethane	ND		25.0	30.1		ug/L		120	60 - 140	2	20
1,2-Dichloroethane	ND		25.0	30.3		ug/L		121	60 - 140	3	20
1,1-Dichloroethene	ND		25.0	24.5		ug/L		98	60 - 140	1	20
cis-1,2-Dichloroethene	ND		25.0	29.5		ug/L		118	60 - 140	3	20
trans-1,2-Dichloroethene	ND		25.0	27.2		ug/L		109	60 - 140	3	20
1,2-Dichloropropane	ND		25.0	30.1		ug/L		120	60 - 140	2	20
cis-1,3-Dichloropropene	ND		25.0	32.2		ug/L		129	60 - 140	4	20
trans-1,3-Dichloropropene	ND		25.0	35.0		ug/L		140	60 - 140	6	20
Ethylbenzene	ND		25.0	30.2		ug/L		121	60 - 140	2	20
Hexachlorobutadiene	ND		25.0	32.3		ug/L		129	60 - 140	1	20
2-Hexanone	ND		125	146		ug/L		117	60 - 140	11	20
Isopropylbenzene	ND		25.0	28.7		ug/L		115	60 - 140	2	20
4-Isopropyltoluene	ND		25.0	26.8		ug/L		107	60 - 140	0	20
Methylene Chloride	ND		25.0	30.0		ug/L		120	40 - 140	2	20
4-Methyl-2-pentanone (MIBK)	ND		125	155		ug/L		124	58 - 130	11	20
Naphthalene	ND		25.0	29.0		ug/L		116	56 - 140	7	20
N-Propylbenzene	ND		25.0	31.0		ug/L		124	60 - 140	0	20
Styrene	ND		25.0	28.8		ug/L		115	60 - 140	2	20
1,1,1,2-Tetrachloroethane	ND		25.0	29.7		ug/L		119	60 - 140	4	20
1,1,1,2,2-Tetrachloroethane	ND		25.0	34.8		ug/L		139	60 - 140	8	20
Tetrachloroethene	ND		25.0	25.1		ug/L		100	60 - 140	1	20
Toluene	ND		25.0	30.1		ug/L		120	60 - 140	3	20
1,2,3-Trichlorobenzene	ND		25.0	30.5		ug/L		122	60 - 140	3	20
1,2,4-Trichlorobenzene	ND		25.0	31.3		ug/L		125	60 - 140	3	20
1,1,1-Trichloroethane	ND		25.0	27.1		ug/L		108	60 - 140	0	20
1,1,2-Trichloroethane	ND		25.0	30.9		ug/L		124	60 - 140	7	20
Trichloroethene	ND		25.0	24.4		ug/L		98	60 - 140	2	20
Trichlorofluoromethane	ND		25.0	28.6		ug/L		114	60 - 140	1	20
1,2,3-Trichloropropane	ND		25.0	30.5		ug/L		122	60 - 140	10	20
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	21.7		ug/L		87	60 - 140	1	20
1,2,4-Trimethylbenzene	ND		25.0	29.2		ug/L		117	60 - 140	1	20
1,3,5-Trimethylbenzene	ND		25.0	29.4		ug/L		118	60 - 140	0	20
Vinyl acetate	ND		25.0	36.5	F1	ug/L		146	40 - 140	6	20
Vinyl chloride	ND		25.0	23.9		ug/L		95	58 - 140	0	20
m-Xylene & p-Xylene	ND		25.0	30.2		ug/L		121	60 - 140	2	20
o-Xylene	ND		25.0	30.4		ug/L		122	60 - 140	3	20
2,2-Dichloropropane	ND		25.0	27.9		ug/L		112	60 - 140	0	20

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60514-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 720-60508-A-1 MSD

Matrix: Water

Analysis Batch: 169123

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Surrogate	MSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene	113		67 - 130
1,2-Dichloroethane-d4 (Surr)	99		72 - 130
Toluene-d8 (Surr)	94		70 - 130

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 720-168778/1-A

Matrix: Water

Analysis Batch: 168855

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 168778

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Phenol	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Bis(2-chloroethyl)ether	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
2-Chlorophenol	ND		4.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
1,3-Dichlorobenzene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
1,4-Dichlorobenzene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Benzyl alcohol	ND		5.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
1,2-Dichlorobenzene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
2-Methylphenol	ND		4.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
4-Methylphenol	ND		8.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
N-Nitrosodi-n-propylamine	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Hexachloroethane	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Nitrobenzene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Isophorone	ND		4.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
2-Nitrophenol	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
2,4-Dimethylphenol	ND		3.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Bis(2-chloroethoxy)methane	ND		5.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
2,4-Dichlorophenol	ND		5.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
1,2,4-Trichlorobenzene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Naphthalene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
4-Chloroaniline	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Hexachlorobutadiene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
4-Chloro-3-methylphenol	ND		5.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
2-Methylnaphthalene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Hexachlorocyclopentadiene	ND		5.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
2,4,6-Trichlorophenol	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
2,4,5-Trichlorophenol	ND		4.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
2-Chloronaphthalene	ND		4.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
2-Nitroaniline	ND		10		ug/L		10/14/14 10:04	10/15/14 17:11	1
Dimethyl phthalate	ND		5.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Acenaphthylene	ND		4.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
3-Nitroaniline	ND		5.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Acenaphthene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
2,4-Dinitrophenol	ND		10		ug/L		10/14/14 10:04	10/15/14 17:11	1
4-Nitrophenol	ND		10		ug/L		10/14/14 10:04	10/15/14 17:11	1
Dibenzofuran	ND		4.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
2,4-Dinitrotoluene	ND		4.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
2,6-Dinitrotoluene	ND		5.0		ug/L		10/14/14 10:04	10/15/14 17:11	1

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60514-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 720-168778/1-A

Matrix: Water

Analysis Batch: 168855

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 168778

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	ND		5.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
4-Chlorophenyl phenyl ether	ND		5.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Fluorene	ND		4.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
4-Nitroaniline	ND		10		ug/L		10/14/14 10:04	10/15/14 17:11	1
2-Methyl-4,6-dinitrophenol	ND		10		ug/L		10/14/14 10:04	10/15/14 17:11	1
N-Nitrosodiphenylamine	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
4-Bromophenyl phenyl ether	ND		5.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Hexachlorobenzene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Pentachlorophenol	ND		10		ug/L		10/14/14 10:04	10/15/14 17:11	1
Phenanthrene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Anthracene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Di-n-butyl phthalate	ND		5.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Fluoranthene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Pyrene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Butyl benzyl phthalate	ND		5.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
3,3'-Dichlorobenzidine	ND		5.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Benzo[a]anthracene	ND		5.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Bis(2-ethylhexyl) phthalate	ND		10		ug/L		10/14/14 10:04	10/15/14 17:11	1
Chrysene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Di-n-octyl phthalate	ND		5.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Benzo[b]fluoranthene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Benzo[a]pyrene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Benzo[k]fluoranthene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Indeno[1,2,3-cd]pyrene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Benzo[g,h,i]perylene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Benzoic acid	ND		10		ug/L		10/14/14 10:04	10/15/14 17:11	1
Azobenzene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Dibenz(a,h)anthracene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	46		11 - 92	10/14/14 10:04	10/15/14 17:11	1
2-Fluorobiphenyl	46		10 - 101	10/14/14 10:04	10/15/14 17:11	1
Terphenyl-d14	75		34 - 128	10/14/14 10:04	10/15/14 17:11	1
2-Fluorophenol	23		10 - 65	10/14/14 10:04	10/15/14 17:11	1
Phenol-d5	13		10 - 46	10/14/14 10:04	10/15/14 17:11	1
2,4,6-Tribromophenol	44		17 - 115	10/14/14 10:04	10/15/14 17:11	1

Lab Sample ID: LCS 720-168778/2-A

Matrix: Water

Analysis Batch: 168855

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 168778

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Phenol	40.0	5.72		ug/L		14	10 - 115
Bis(2-chloroethyl)ether	40.0	14.2		ug/L		35	12 - 115
2-Chlorophenol	40.0	11.2		ug/L		28	14 - 115
1,3-Dichlorobenzene	40.0	11.8		ug/L		30	13 - 115
1,4-Dichlorobenzene	40.0	11.8		ug/L		30	14 - 115
Benzyl alcohol	40.0	12.8		ug/L		32	19 - 115

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60514-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 720-168778/2-A

Matrix: Water

Analysis Batch: 168855

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 168778

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichlorobenzene	40.0	12.0		ug/L		30	10 - 115
2-Methylphenol	40.0	11.7		ug/L		29	13 - 115
4-Methylphenol	40.0	10.4		ug/L		26	10 - 115
N-Nitrosodi-n-propylamine	40.0	13.8		ug/L		35	17 - 115
Hexachloroethane	40.0	11.9		ug/L		30	9 - 115
Nitrobenzene	40.0	13.6		ug/L		34	18 - 115
Isophorone	40.0	14.7		ug/L		37	18 - 134
2-Nitrophenol	40.0	13.6		ug/L		34	14 - 115
2,4-Dimethylphenol	40.0	13.7		ug/L		34	10 - 119
Bis(2-chloroethoxy)methane	40.0	13.5		ug/L		34	10 - 119
2,4-Dichlorophenol	40.0	12.9		ug/L		32	13 - 118
1,2,4-Trichlorobenzene	40.0	12.4		ug/L		31	10 - 115
Naphthalene	40.0	12.9		ug/L		32	12 - 115
4-Chloroaniline	40.0	19.7		ug/L		49	26 - 115
Hexachlorobutadiene	40.0	11.7		ug/L		29	12 - 115
4-Chloro-3-methylphenol	40.0	14.7		ug/L		37	19 - 128
2-Methylnaphthalene	40.0	13.3		ug/L		33	16 - 115
Hexachlorocyclopentadiene	40.0	10.4		ug/L		26	10 - 115
2,4,6-Trichlorophenol	40.0	15.7		ug/L		39	20 - 120
2,4,5-Trichlorophenol	40.0	16.7		ug/L		42	22 - 117
2-Chloronaphthalene	40.0	14.7		ug/L		37	17 - 115
2-Nitroaniline	40.0	21.2		ug/L		53	37 - 119
Dimethyl phthalate	40.0	23.3		ug/L		58	48 - 127
Acenaphthylene	40.0	15.6		ug/L		39	29 - 129
3-Nitroaniline	40.0	23.3		ug/L		58	40 - 115
Acenaphthene	40.0	15.8		ug/L		39	25 - 115
2,4-Dinitrophenol	80.0	49.7		ug/L		62	44 - 116
4-Nitrophenol	80.0	26.5		ug/L		33	20 - 115
Dibenzofuran	40.0	16.6		ug/L		42	28 - 115
2,4-Dinitrotoluene	40.0	27.9		ug/L		70	42 - 115
2,6-Dinitrotoluene	40.0	21.8		ug/L		54	46 - 119
Diethyl phthalate	40.0	27.3		ug/L		68	44 - 115
4-Chlorophenyl phenyl ether	40.0	20.0		ug/L		50	32 - 115
Fluorene	40.0	18.6		ug/L		46	39 - 115
4-Nitroaniline	40.0	30.5		ug/L		76	46 - 115
2-Methyl-4,6-dinitrophenol	80.0	58.6		ug/L		73	42 - 135
N-Nitrosodiphenylamine	40.0	23.9		ug/L		60	41 - 115
4-Bromophenyl phenyl ether	40.0	20.9		ug/L		52	42 - 115
Hexachlorobenzene	40.0	22.5		ug/L		56	49 - 115
Pentachlorophenol	80.0	57.2		ug/L		71	42 - 121
Phenanthrene	40.0	25.3		ug/L		63	54 - 115
Anthracene	40.0	26.1		ug/L		65	54 - 115
Di-n-butyl phthalate	40.0	29.1		ug/L		73	58 - 115
Fluoranthene	40.0	28.5		ug/L		71	65 - 115
Pyrene	40.0	29.7		ug/L		74	53 - 115
Butyl benzyl phthalate	40.0	30.6		ug/L		76	37 - 115
3,3'-Dichlorobenzidene	40.0	19.3		ug/L		48	24 - 110
Benzo[a]anthracene	40.0	29.0		ug/L		73	56 - 115

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60514-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 720-168778/2-A

Matrix: Water

Analysis Batch: 168855

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 168778

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bis(2-ethylhexyl) phthalate	40.0	30.9		ug/L		77	59 - 115
Chrysene	40.0	28.1		ug/L		70	50 - 115
Di-n-octyl phthalate	40.0	30.4		ug/L		76	12 - 115
Benzo[b]fluoranthene	40.0	31.1		ug/L		78	50 - 115
Benzo[a]pyrene	40.0	29.7		ug/L		74	55 - 115
Benzo[k]fluoranthene	40.0	30.2		ug/L		75	60 - 115
Indeno[1,2,3-cd]pyrene	40.0	31.1		ug/L		78	49 - 117
Benzo[g,h,i]perylene	40.0	32.2		ug/L		81	54 - 115
Benzoic acid	40.0	7.10	J	ug/L		18	10 - 115
Azobenzene	40.0	20.8		ug/L		52	42 - 115
Dibenz(a,h)anthracene	40.0	31.9		ug/L		80	47 - 127

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Nitrobenzene-d5	35		11 - 92
2-Fluorobiphenyl	35		10 - 101
Terphenyl-d14	77		34 - 128
2-Fluorophenol	17		10 - 65
Phenol-d5	10		10 - 46
2,4,6-Tribromophenol	57		17 - 115

Lab Sample ID: LCSD 720-168778/3-A

Matrix: Water

Analysis Batch: 168855

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 168778

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Phenol	40.0	6.08		ug/L		15	10 - 115	6	51
Bis(2-chloroethyl)ether	40.0	15.4		ug/L		38	12 - 115	8	35
2-Chlorophenol	40.0	12.2		ug/L		31	14 - 115	9	40
1,3-Dichlorobenzene	40.0	12.9		ug/L		32	13 - 115	9	40
1,4-Dichlorobenzene	40.0	13.2		ug/L		33	14 - 115	11	41
Benzyl alcohol	40.0	13.8		ug/L		34	19 - 115	7	35
1,2-Dichlorobenzene	40.0	13.5		ug/L		34	10 - 115	12	35
2-Methylphenol	40.0	12.6		ug/L		32	13 - 115	8	35
4-Methylphenol	40.0	11.7		ug/L		29	10 - 115	12	35
N-Nitrosodi-n-propylamine	40.0	15.2		ug/L		38	17 - 115	9	34
Hexachloroethane	40.0	12.9		ug/L		32	9 - 115	8	35
Nitrobenzene	40.0	15.4		ug/L		38	18 - 115	12	43
Isophorone	40.0	16.4		ug/L		41	18 - 134	11	39
2-Nitrophenol	40.0	15.1		ug/L		38	14 - 115	11	46
2,4-Dimethylphenol	40.0	14.5		ug/L		36	10 - 119	5	44
Bis(2-chloroethoxy)methane	40.0	15.2		ug/L		38	10 - 119	12	46
2,4-Dichlorophenol	40.0	14.1		ug/L		35	13 - 118	9	38
1,2,4-Trichlorobenzene	40.0	13.7		ug/L		34	10 - 115	10	51
Naphthalene	40.0	14.2		ug/L		36	12 - 115	10	42
4-Chloroaniline	40.0	19.1		ug/L		48	26 - 115	3	49
Hexachlorobutadiene	40.0	12.7		ug/L		32	12 - 115	9	46
4-Chloro-3-methylphenol	40.0	16.6		ug/L		41	19 - 128	12	40
2-Methylnaphthalene	40.0	14.6		ug/L		36	16 - 115	9	45

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60514-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 720-168778/3-A

Matrix: Water

Analysis Batch: 168855

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 168778

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec.		RPD	
							Limits	RPD	RPD	Limit
Hexachlorocyclopentadiene	40.0	11.4		ug/L		29	10 - 115	9	63	
2,4,6-Trichlorophenol	40.0	18.3		ug/L		46	20 - 120	15	43	
2,4,5-Trichlorophenol	40.0	19.9		ug/L		50	22 - 117	17	41	
2-Chloronaphthalene	40.0	16.2		ug/L		41	17 - 115	10	49	
2-Nitroaniline	40.0	24.2		ug/L		60	37 - 119	13	29	
Dimethyl phthalate	40.0	24.8		ug/L		62	48 - 127	6	29	
Acenaphthylene	40.0	17.9		ug/L		45	29 - 129	13	40	
3-Nitroaniline	40.0	24.0		ug/L		60	40 - 115	3	30	
Acenaphthene	40.0	18.3		ug/L		46	25 - 115	15	40	
2,4-Dinitrophenol	80.0	51.6		ug/L		65	44 - 116	4	21	
4-Nitrophenol	80.0	28.2		ug/L		35	20 - 115	6	32	
Dibenzofuran	40.0	19.5		ug/L		49	28 - 115	16	46	
2,4-Dinitrotoluene	40.0	29.9		ug/L		75	42 - 115	7	19	
2,6-Dinitrotoluene	40.0	24.4		ug/L		61	46 - 119	12	26	
Diethyl phthalate	40.0	28.2		ug/L		70	44 - 115	3	24	
4-Chlorophenyl phenyl ether	40.0	22.7		ug/L		57	32 - 115	12	38	
Fluorene	40.0	21.4		ug/L		53	39 - 115	14	39	
4-Nitroaniline	40.0	30.9		ug/L		77	46 - 115	1	23	
2-Methyl-4,6-dinitrophenol	80.0	60.4		ug/L		76	42 - 135	3	19	
N-Nitrosodiphenylamine	40.0	25.6		ug/L		64	41 - 115	7	27	
4-Bromophenyl phenyl ether	40.0	23.1		ug/L		58	42 - 115	10	29	
Hexachlorobenzene	40.0	24.7		ug/L		62	49 - 115	9	28	
Pentachlorophenol	80.0	57.8		ug/L		72	42 - 121	1	22	
Phenanthrene	40.0	26.5		ug/L		66	54 - 115	5	35	
Anthracene	40.0	26.8		ug/L		67	54 - 115	3	25	
Di-n-butyl phthalate	40.0	30.4		ug/L		76	58 - 115	4	26	
Fluoranthene	40.0	30.1		ug/L		75	65 - 115	5	26	
Pyrene	40.0	30.9		ug/L		77	53 - 115	4	22	
Butyl benzyl phthalate	40.0	32.3		ug/L		81	37 - 115	5	21	
3,3'-Dichlorobenzidine	40.0	21.0		ug/L		52	24 - 110	8	30	
Benzo[a]anthracene	40.0	30.3		ug/L		76	56 - 115	4	24	
Bis(2-ethylhexyl) phthalate	40.0	31.9		ug/L		80	59 - 115	3	30	
Chrysene	40.0	29.4		ug/L		73	50 - 115	4	24	
Di-n-octyl phthalate	40.0	32.0		ug/L		80	12 - 115	5	27	
Benzo[b]fluoranthene	40.0	29.8		ug/L		75	50 - 115	4	31	
Benzo[a]pyrene	40.0	30.7		ug/L		77	55 - 115	3	23	
Benzo[k]fluoranthene	40.0	32.9		ug/L		82	60 - 115	9	39	
Indeno[1,2,3-cd]pyrene	40.0	32.6		ug/L		82	49 - 117	5	19	
Benzo[g,h,i]perylene	40.0	32.7		ug/L		82	54 - 115	2	35	
Benzoic acid	40.0	7.74	J	ug/L		19	10 - 115	9	56	
Azobenzene	40.0	23.1		ug/L		58	42 - 115	10	35	
Dibenz(a,h)anthracene	40.0	33.3		ug/L		83	47 - 127	4	35	

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
Nitrobenzene-d5	39		11 - 92
2-Fluorobiphenyl	41		10 - 101
Terphenyl-d14	82		34 - 128
2-Fluorophenol	18		10 - 65

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60514-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 720-168778/3-A

Matrix: Water

Analysis Batch: 168855

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 168778

<i>Surrogate</i>	<i>%Recovery</i>	<i>LCSD Qualifier</i>	<i>LCSD Limits</i>
Phenol-d5	11		10 - 46
2,4,6-Tribromophenol	64		17 - 115

Lab Sample ID: MB 720-168961/1-A

Matrix: Water

Analysis Batch: 168956

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 168961

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Phenol	ND		2.0		ug/L		10/16/14 10:12	10/16/14 22:40	1
Bis(2-chloroethyl)ether	ND		2.0		ug/L		10/16/14 10:12	10/16/14 22:40	1
2-Chlorophenol	ND		4.0		ug/L		10/16/14 10:12	10/16/14 22:40	1
1,3-Dichlorobenzene	ND		2.0		ug/L		10/16/14 10:12	10/16/14 22:40	1
1,4-Dichlorobenzene	ND		2.0		ug/L		10/16/14 10:12	10/16/14 22:40	1
Benzyl alcohol	ND		5.0		ug/L		10/16/14 10:12	10/16/14 22:40	1
1,2-Dichlorobenzene	ND		2.0		ug/L		10/16/14 10:12	10/16/14 22:40	1
2-Methylphenol	ND		4.0		ug/L		10/16/14 10:12	10/16/14 22:40	1
4-Methylphenol	ND		8.0		ug/L		10/16/14 10:12	10/16/14 22:40	1
N-Nitrosodi-n-propylamine	ND		2.0		ug/L		10/16/14 10:12	10/16/14 22:40	1
Hexachloroethane	ND		2.0		ug/L		10/16/14 10:12	10/16/14 22:40	1
Nitrobenzene	ND		2.0		ug/L		10/16/14 10:12	10/16/14 22:40	1
Isophorone	ND		4.0		ug/L		10/16/14 10:12	10/16/14 22:40	1
2-Nitrophenol	ND		2.0		ug/L		10/16/14 10:12	10/16/14 22:40	1
2,4-Dimethylphenol	ND		3.0		ug/L		10/16/14 10:12	10/16/14 22:40	1
Bis(2-chloroethoxy)methane	ND		5.0		ug/L		10/16/14 10:12	10/16/14 22:40	1
2,4-Dichlorophenol	ND		5.0		ug/L		10/16/14 10:12	10/16/14 22:40	1
1,2,4-Trichlorobenzene	ND		2.0		ug/L		10/16/14 10:12	10/16/14 22:40	1
Naphthalene	ND		2.0		ug/L		10/16/14 10:12	10/16/14 22:40	1
4-Chloroaniline	ND		2.0		ug/L		10/16/14 10:12	10/16/14 22:40	1
Hexachlorobutadiene	ND		2.0		ug/L		10/16/14 10:12	10/16/14 22:40	1
4-Chloro-3-methylphenol	ND		5.0		ug/L		10/16/14 10:12	10/16/14 22:40	1
2-Methylnaphthalene	ND		2.0		ug/L		10/16/14 10:12	10/16/14 22:40	1
Hexachlorocyclopentadiene	ND		5.0		ug/L		10/16/14 10:12	10/16/14 22:40	1
2,4,6-Trichlorophenol	ND		2.0		ug/L		10/16/14 10:12	10/16/14 22:40	1
2,4,5-Trichlorophenol	ND		4.0		ug/L		10/16/14 10:12	10/16/14 22:40	1
2-Chloronaphthalene	ND		4.0		ug/L		10/16/14 10:12	10/16/14 22:40	1
2-Nitroaniline	ND		10		ug/L		10/16/14 10:12	10/16/14 22:40	1
Dimethyl phthalate	ND		5.0		ug/L		10/16/14 10:12	10/16/14 22:40	1
Acenaphthylene	ND		4.0		ug/L		10/16/14 10:12	10/16/14 22:40	1
3-Nitroaniline	ND		5.0		ug/L		10/16/14 10:12	10/16/14 22:40	1
Acenaphthene	ND		2.0		ug/L		10/16/14 10:12	10/16/14 22:40	1
2,4-Dinitrophenol	ND		10		ug/L		10/16/14 10:12	10/16/14 22:40	1
4-Nitrophenol	ND		10		ug/L		10/16/14 10:12	10/16/14 22:40	1
Dibenzofuran	ND		4.0		ug/L		10/16/14 10:12	10/16/14 22:40	1
2,4-Dinitrotoluene	ND		4.0		ug/L		10/16/14 10:12	10/16/14 22:40	1
2,6-Dinitrotoluene	ND		5.0		ug/L		10/16/14 10:12	10/16/14 22:40	1
Diethyl phthalate	ND		5.0		ug/L		10/16/14 10:12	10/16/14 22:40	1
4-Chlorophenyl phenyl ether	ND		5.0		ug/L		10/16/14 10:12	10/16/14 22:40	1
Fluorene	ND		4.0		ug/L		10/16/14 10:12	10/16/14 22:40	1

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60514-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 720-168961/1-A

Matrix: Water

Analysis Batch: 168956

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 168961

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitroaniline	ND		10		ug/L		10/16/14 10:12	10/16/14 22:40	1
2-Methyl-4,6-dinitrophenol	ND		10		ug/L		10/16/14 10:12	10/16/14 22:40	1
N-Nitrosodiphenylamine	ND		2.0		ug/L		10/16/14 10:12	10/16/14 22:40	1
4-Bromophenyl phenyl ether	ND		5.0		ug/L		10/16/14 10:12	10/16/14 22:40	1
Hexachlorobenzene	ND		2.0		ug/L		10/16/14 10:12	10/16/14 22:40	1
Pentachlorophenol	ND		10		ug/L		10/16/14 10:12	10/16/14 22:40	1
Phenanthrene	ND		2.0		ug/L		10/16/14 10:12	10/16/14 22:40	1
Anthracene	ND		2.0		ug/L		10/16/14 10:12	10/16/14 22:40	1
Di-n-butyl phthalate	ND		5.0		ug/L		10/16/14 10:12	10/16/14 22:40	1
Fluoranthene	ND		2.0		ug/L		10/16/14 10:12	10/16/14 22:40	1
Pyrene	ND		2.0		ug/L		10/16/14 10:12	10/16/14 22:40	1
Butyl benzyl phthalate	ND		5.0		ug/L		10/16/14 10:12	10/16/14 22:40	1
3,3'-Dichlorobenzidine	ND		5.0		ug/L		10/16/14 10:12	10/16/14 22:40	1
Benzo[a]anthracene	ND		5.0		ug/L		10/16/14 10:12	10/16/14 22:40	1
Bis(2-ethylhexyl) phthalate	ND		10		ug/L		10/16/14 10:12	10/16/14 22:40	1
Chrysene	ND		2.0		ug/L		10/16/14 10:12	10/16/14 22:40	1
Di-n-octyl phthalate	ND		5.0		ug/L		10/16/14 10:12	10/16/14 22:40	1
Benzo[b]fluoranthene	ND		2.0		ug/L		10/16/14 10:12	10/16/14 22:40	1
Benzo[a]pyrene	ND		2.0		ug/L		10/16/14 10:12	10/16/14 22:40	1
Benzo[k]fluoranthene	ND		2.0		ug/L		10/16/14 10:12	10/16/14 22:40	1
Indeno[1,2,3-cd]pyrene	ND		2.0		ug/L		10/16/14 10:12	10/16/14 22:40	1
Benzo[g,h,i]perylene	ND		2.0		ug/L		10/16/14 10:12	10/16/14 22:40	1
Benzoic acid	ND		10		ug/L		10/16/14 10:12	10/16/14 22:40	1
Azobenzene	ND		2.0		ug/L		10/16/14 10:12	10/16/14 22:40	1
Dibenz(a,h)anthracene	ND		2.0		ug/L		10/16/14 10:12	10/16/14 22:40	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	60		11 - 92	10/16/14 10:12	10/16/14 22:40	1
2-Fluorobiphenyl	59		10 - 101	10/16/14 10:12	10/16/14 22:40	1
Terphenyl-d14	90		34 - 128	10/16/14 10:12	10/16/14 22:40	1
2-Fluorophenol	27		10 - 65	10/16/14 10:12	10/16/14 22:40	1
Phenol-d5	16		10 - 46	10/16/14 10:12	10/16/14 22:40	1
2,4,6-Tribromophenol	61		17 - 115	10/16/14 10:12	10/16/14 22:40	1

Lab Sample ID: LCS 720-168961/2-A

Matrix: Water

Analysis Batch: 168956

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 168961

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Phenol	40.0	8.17		ug/L		20	10 - 115
Bis(2-chloroethyl)ether	40.0	23.5		ug/L		59	12 - 115
2-Chlorophenol	40.0	17.8		ug/L		45	14 - 115
1,3-Dichlorobenzene	40.0	19.6		ug/L		49	13 - 115
1,4-Dichlorobenzene	40.0	19.9		ug/L		50	14 - 115
Benzyl alcohol	40.0	20.0		ug/L		50	19 - 115
1,2-Dichlorobenzene	40.0	20.9		ug/L		52	10 - 115
2-Methylphenol	40.0	18.8		ug/L		47	13 - 115
4-Methylphenol	40.0	17.9		ug/L		45	10 - 115

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60514-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 720-168961/2-A

Matrix: Water

Analysis Batch: 168956

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 168961

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
N-Nitrosodi-n-propylamine	40.0	23.0		ug/L		58	17 - 115
Hexachloroethane	40.0	20.5		ug/L		51	9 - 115
Nitrobenzene	40.0	22.3		ug/L		56	18 - 115
Isophorone	40.0	23.2		ug/L		58	18 - 134
2-Nitrophenol	40.0	21.9		ug/L		55	14 - 115
2,4-Dimethylphenol	40.0	23.0		ug/L		57	10 - 119
Bis(2-chloroethoxy)methane	40.0	21.8		ug/L		54	10 - 119
2,4-Dichlorophenol	40.0	21.5		ug/L		54	13 - 118
1,2,4-Trichlorobenzene	40.0	20.5		ug/L		51	10 - 115
Naphthalene	40.0	20.8		ug/L		52	12 - 115
4-Chloroaniline	40.0	23.0		ug/L		58	26 - 115
Hexachlorobutadiene	40.0	19.8		ug/L		50	12 - 115
4-Chloro-3-methylphenol	40.0	24.3		ug/L		61	19 - 128
2-Methylnaphthalene	40.0	21.1		ug/L		53	16 - 115
Hexachlorocyclopentadiene	40.0	14.5		ug/L		36	10 - 115
2,4,6-Trichlorophenol	40.0	25.2		ug/L		63	20 - 120
2,4,5-Trichlorophenol	40.0	26.7		ug/L		67	22 - 117
2-Chloronaphthalene	40.0	23.4		ug/L		58	17 - 115
2-Nitroaniline	40.0	31.9		ug/L		80	37 - 119
Dimethyl phthalate	40.0	32.2		ug/L		80	48 - 127
Acenaphthylene	40.0	24.7		ug/L		62	29 - 129
3-Nitroaniline	40.0	29.9		ug/L		75	40 - 115
Acenaphthene	40.0	25.7		ug/L		64	25 - 115
2,4-Dinitrophenol	80.0	47.1		ug/L		59	44 - 116
4-Nitrophenol	80.0	37.1		ug/L		46	20 - 115
Dibenzofuran	40.0	26.1		ug/L		65	28 - 115
2,4-Dinitrotoluene	40.0	35.7		ug/L		89	42 - 115
2,6-Dinitrotoluene	40.0	30.5		ug/L		76	46 - 119
Diethyl phthalate	40.0	35.5		ug/L		89	44 - 115
4-Chlorophenyl phenyl ether	40.0	31.2		ug/L		78	32 - 115
Fluorene	40.0	28.2		ug/L		71	39 - 115
4-Nitroaniline	40.0	41.9		ug/L		105	46 - 115
2-Methyl-4,6-dinitrophenol	80.0	56.5		ug/L		71	42 - 135
N-Nitrosodiphenylamine	40.0	29.4		ug/L		74	41 - 115
4-Bromophenyl phenyl ether	40.0	27.9		ug/L		70	42 - 115
Hexachlorobenzene	40.0	28.0		ug/L		70	49 - 115
Pentachlorophenol	80.0	62.9		ug/L		79	42 - 121
Phenanthrene	40.0	30.7		ug/L		77	54 - 115
Anthracene	40.0	32.0		ug/L		80	54 - 115
Di-n-butyl phthalate	40.0	34.9		ug/L		87	58 - 115
Fluoranthene	40.0	32.2		ug/L		80	65 - 115
Pyrene	40.0	35.2		ug/L		88	53 - 115
Butyl benzyl phthalate	40.0	36.8		ug/L		92	37 - 115
3,3'-Dichlorobenzidine	40.0	23.3		ug/L		58	24 - 110
Benzo[a]anthracene	40.0	33.1		ug/L		83	56 - 115
Bis(2-ethylhexyl) phthalate	40.0	38.0		ug/L		95	59 - 115
Chrysene	40.0	33.9		ug/L		85	50 - 115
Di-n-octyl phthalate	40.0	38.8		ug/L		97	12 - 115

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60514-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 720-168961/2-A

Matrix: Water

Analysis Batch: 168956

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 168961

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzo[b]fluoranthene	40.0	29.6		ug/L		74	50 - 115
Benzo[a]pyrene	40.0	32.9		ug/L		82	55 - 115
Benzo[k]fluoranthene	40.0	36.0		ug/L		90	60 - 115
Indeno[1,2,3-cd]pyrene	40.0	36.5		ug/L		91	49 - 117
Benzo[g,h,i]perylene	40.0	40.1		ug/L		100	54 - 115
Benzoic acid	40.0	10.3		ug/L		26	10 - 115
Azobenzene	40.0	31.8		ug/L		80	42 - 115
Dibenz(a,h)anthracene	40.0	36.8		ug/L		92	47 - 127

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Nitrobenzene-d5	58		11 - 92
2-Fluorobiphenyl	58		10 - 101
Terphenyl-d14	93		34 - 128
2-Fluorophenol	26		10 - 65
Phenol-d5	16		10 - 46
2,4,6-Tribromophenol	80		17 - 115

Lab Sample ID: LCSD 720-168961/3-A

Matrix: Water

Analysis Batch: 168956

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 168961

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Phenol	40.0	7.56		ug/L		19	10 - 115	8	51
Bis(2-chloroethyl)ether	40.0	20.6		ug/L		51	12 - 115	13	35
2-Chlorophenol	40.0	16.8		ug/L		42	14 - 115	6	40
1,3-Dichlorobenzene	40.0	18.7		ug/L		47	13 - 115	4	40
1,4-Dichlorobenzene	40.0	19.1		ug/L		48	14 - 115	4	41
Benzyl alcohol	40.0	19.3		ug/L		48	19 - 115	4	35
1,2-Dichlorobenzene	40.0	20.1		ug/L		50	10 - 115	4	35
2-Methylphenol	40.0	16.8		ug/L		42	13 - 115	12	35
4-Methylphenol	40.0	17.0		ug/L		42	10 - 115	5	35
N-Nitrosodi-n-propylamine	40.0	21.9		ug/L		55	17 - 115	5	34
Hexachloroethane	40.0	20.1		ug/L		50	9 - 115	2	35
Nitrobenzene	40.0	21.0		ug/L		53	18 - 115	6	43
Isophorone	40.0	22.1		ug/L		55	18 - 134	5	39
2-Nitrophenol	40.0	20.5		ug/L		51	14 - 115	7	46
2,4-Dimethylphenol	40.0	21.7		ug/L		54	10 - 119	5	44
Bis(2-chloroethoxy)methane	40.0	21.1		ug/L		53	10 - 119	3	46
2,4-Dichlorophenol	40.0	20.2		ug/L		51	13 - 118	6	38
1,2,4-Trichlorobenzene	40.0	19.2		ug/L		48	10 - 115	7	51
Naphthalene	40.0	20.0		ug/L		50	12 - 115	4	42
4-Chloroaniline	40.0	22.7		ug/L		57	26 - 115	2	49
Hexachlorobutadiene	40.0	18.7		ug/L		47	12 - 115	6	46
4-Chloro-3-methylphenol	40.0	23.0		ug/L		57	19 - 128	6	40
2-Methylnaphthalene	40.0	21.0		ug/L		52	16 - 115	1	45
Hexachlorocyclopentadiene	40.0	12.7		ug/L		32	10 - 115	13	63
2,4,6-Trichlorophenol	40.0	23.2		ug/L		58	20 - 120	9	43
2,4,5-Trichlorophenol	40.0	24.1		ug/L		60	22 - 117	10	41

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60514-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 720-168961/3-A

Matrix: Water

Analysis Batch: 168956

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 168961

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits		RPD	
							RPD	Limit	RPD	Limit
2-Chloronaphthalene	40.0	21.9		ug/L		55	17 - 115	7	49	
2-Nitroaniline	40.0	30.8		ug/L		77	37 - 119	4	29	
Dimethyl phthalate	40.0	30.1		ug/L		75	48 - 127	7	29	
Acenaphthylene	40.0	22.9		ug/L		57	29 - 129	7	40	
3-Nitroaniline	40.0	27.8		ug/L		69	40 - 115	7	30	
Acenaphthene	40.0	23.5		ug/L		59	25 - 115	9	40	
2,4-Dinitrophenol	80.0	50.0		ug/L		63	44 - 116	6	21	
4-Nitrophenol	80.0	33.0		ug/L		41	20 - 115	12	32	
Dibenzofuran	40.0	24.1		ug/L		60	28 - 115	8	46	
2,4-Dinitrotoluene	40.0	33.6		ug/L		84	42 - 115	6	19	
2,6-Dinitrotoluene	40.0	28.6		ug/L		71	46 - 119	6	26	
Diethyl phthalate	40.0	33.6		ug/L		84	44 - 115	6	24	
4-Chlorophenyl phenyl ether	40.0	29.4		ug/L		73	32 - 115	6	38	
Fluorene	40.0	26.5		ug/L		66	39 - 115	6	39	
4-Nitroaniline	40.0	38.8		ug/L		97	46 - 115	8	23	
2-Methyl-4,6-dinitrophenol	80.0	55.9		ug/L		70	42 - 135	1	19	
N-Nitrosodiphenylamine	40.0	28.3		ug/L		71	41 - 115	4	27	
4-Bromophenyl phenyl ether	40.0	26.6		ug/L		66	42 - 115	5	29	
Hexachlorobenzene	40.0	26.5		ug/L		66	49 - 115	6	28	
Pentachlorophenol	80.0	61.6		ug/L		77	42 - 121	2	22	
Phenanthrene	40.0	30.1		ug/L		75	54 - 115	2	35	
Anthracene	40.0	31.4		ug/L		79	54 - 115	2	25	
Di-n-butyl phthalate	40.0	33.6		ug/L		84	58 - 115	4	26	
Fluoranthene	40.0	32.6		ug/L		81	65 - 115	1	26	
Pyrene	40.0	33.2		ug/L		83	53 - 115	6	22	
Butyl benzyl phthalate	40.0	35.0		ug/L		88	37 - 115	5	21	
3,3'-Dichlorobenzidine	40.0	23.1		ug/L		58	24 - 110	1	30	
Benzo[a]anthracene	40.0	31.7		ug/L		79	56 - 115	4	24	
Bis(2-ethylhexyl) phthalate	40.0	34.6		ug/L		87	59 - 115	9	30	
Chrysene	40.0	32.3		ug/L		81	50 - 115	5	24	
Di-n-octyl phthalate	40.0	37.3		ug/L		93	12 - 115	4	27	
Benzo[b]fluoranthene	40.0	30.3		ug/L		76	50 - 115	2	31	
Benzo[a]pyrene	40.0	31.8		ug/L		79	55 - 115	3	23	
Benzo[k]fluoranthene	40.0	33.7		ug/L		84	60 - 115	7	39	
Indeno[1,2,3-cd]pyrene	40.0	35.3		ug/L		88	49 - 117	3	19	
Benzo[g,h,i]perylene	40.0	37.8		ug/L		94	54 - 115	6	35	
Benzoic acid	40.0	9.74	J	ug/L		24	10 - 115	6	56	
Azobenzene	40.0	29.2		ug/L		73	42 - 115	9	35	
Dibenz(a,h)anthracene	40.0	35.4		ug/L		88	47 - 127	4	35	

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
Nitrobenzene-d5	54		11 - 92
2-Fluorobiphenyl	53		10 - 101
Terphenyl-d14	88		34 - 128
2-Fluorophenol	25		10 - 65
Phenol-d5	15		10 - 46
2,4,6-Tribromophenol	75		17 - 115

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60514-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 720-60536-D-17-A MSD

Matrix: Water

Analysis Batch: 169051

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 168961

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD		Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
				Result	Qualifier						
Phenol	ND		40.9	6.47		ug/L		16	12 - 115	1	35
Bis(2-chloroethyl)ether	ND		40.9	17.0	F1	ug/L		41	43 - 126	1	35
2-Chlorophenol	ND		40.9	13.4		ug/L		33	23 - 134	3	25
1,3-Dichlorobenzene	ND		40.9	13.2		ug/L		32	17 - 153	1	35
1,4-Dichlorobenzene	ND		40.9	14.4	F1	ug/L		35	36 - 115	1	30
Benzyl alcohol	ND		40.9	15.2		ug/L		37	10 - 130	0	35
1,2-Dichlorobenzene	ND		40.9	14.1	F1	ug/L		34	49 - 115	5	35
2-Methylphenol	ND		40.9	14.0		ug/L		34	10 - 130	4	35
4-Methylphenol	ND		40.9	14.1		ug/L		34	10 - 130	5	35
N-Nitrosodi-n-propylamine	ND		40.9	16.6		ug/L		41	10 - 130	4	34
Hexachloroethane	ND		40.9	15.2	F1	ug/L		37	55 - 100	1	35
Nitrobenzene	ND		40.9	17.6	F1	ug/L		43	55 - 157	2	35
Isophorone	ND		40.9	17.6	F1	ug/L		43	47 - 180	0	35
2-Nitrophenol	ND		40.9	15.8	F1	ug/L		39	45 - 166	0	35
2,4-Dimethylphenol	ND		40.9	18.1		ug/L		44	42 - 109	1	35
Bis(2-chloroethoxy)methane	ND		40.9	15.5	F1	ug/L		38	43 - 164	1	35
2,4-Dichlorophenol	ND		40.9	15.8	F1	ug/L		39	53 - 121	1	35
1,2,4-Trichlorobenzene	ND		40.9	14.7	F1	ug/L		36	44 - 142	2	35
Naphthalene	ND		40.9	14.9		ug/L		36	36 - 119	0	35
4-Chloroaniline	ND		40.9	16.1		ug/L		39	10 - 130	2	35
Hexachlorobutadiene	ND		40.9	14.8	F1	ug/L		36	38 - 115	0	35
4-Chloro-3-methylphenol	ND		40.9	19.0		ug/L		46	22 - 147	6	31
2-Methylnaphthalene	ND		40.9	15.2		ug/L		37	10 - 130	0	35
Hexachlorocyclopentadiene	ND		40.9	9.76		ug/L		24	10 - 130	3	35
2,4,6-Trichlorophenol	ND		40.9	18.4	F1	ug/L		45	55 - 129	8	35
2,4,5-Trichlorophenol	ND		40.9	19.9		ug/L		49	20 - 120	9	35
2-Chloronaphthalene	ND		40.9	16.2		ug/L		40	10 - 130	3	35
2-Nitroaniline	ND		40.9	23.4		ug/L		57	10 - 130	9	35
Dimethyl phthalate	ND		40.9	23.7		ug/L		58	10 - 130	7	35
Acenaphthylene	ND		40.9	17.1	F1	ug/L		42	54 - 126	5	35
3-Nitroaniline	ND		40.9	22.8		ug/L		56	10 - 130	3	35
Acenaphthene	ND		40.9	17.9	F1	ug/L		44	56 - 118	6	30
2,4-Dinitrophenol	ND		81.8	55.3		ug/L		68	10 - 130	7	35
4-Nitrophenol	ND		81.8	32.1		ug/L		39	1 - 132	5	35
Dibenzofuran	ND		40.9	18.4		ug/L		45	10 - 130	7	35
2,4-Dinitrotoluene	ND		40.9	25.7		ug/L		63	39 - 139	8	35
2,6-Dinitrotoluene	ND		40.9	22.0		ug/L		54	10 - 130	5	35
Diethyl phthalate	ND		40.9	27.2		ug/L		67	10 - 130	4	35
4-Chlorophenyl phenyl ether	ND		40.9	23.7		ug/L		58	39 - 144	5	35
Fluorene	ND		40.9	21.4	F1	ug/L		52	72 - 115	4	35
4-Nitroaniline	ND		40.9	31.3		ug/L		76	10 - 130	10	35
2-Methyl-4,6-dinitrophenol	ND		81.8	55.4		ug/L		68	53 - 115	6	35
N-Nitrosodiphenylamine	ND		40.9	24.0		ug/L		59	14 - 170	5	35
4-Bromophenyl phenyl ether	ND		40.9	21.0		ug/L		51	10 - 130	7	35
Hexachlorobenzene	ND		40.9	21.1		ug/L		52	8 - 140	6	35
Pentachlorophenol	ND		81.8	53.0		ug/L		65	45 - 125	6	35
Phenanthrene	ND		40.9	24.7		ug/L		60	44 - 125	5	35
Anthracene	ND		40.9	25.0		ug/L		61	44 - 118	6	35

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60514-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 720-60536-D-17-A MSD

Matrix: Water

Analysis Batch: 169051

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 168961

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Di-n-butyl phthalate	ND		40.9	26.9		ug/L		66	9 - 115	6	35
Fluoranthene	ND		40.9	25.2		ug/L		62	43 - 121	6	35
Pyrene	ND		40.9	25.7		ug/L		63	52 - 115	10	35
Butyl benzyl phthalate	ND		40.9	26.6		ug/L		65	10 - 139	10	35
3,3'-Dichlorobenzidine	ND		40.9	11.7		ug/L		29	9 - 150	11	35
Benzo[a]anthracene	ND		40.9	25.3		ug/L		62	42 - 133	9	35
Bis(2-ethylhexyl) phthalate	ND		40.9	29.1		ug/L		71	29 - 136	8	35
Chrysene	ND		40.9	25.8		ug/L		63	42 - 139	6	35
Di-n-octyl phthalate	ND		40.9	31.2		ug/L		76	10 - 130	7	35
Benzo[b]fluoranthene	ND		40.9	25.6		ug/L		63	42 - 140	2	35
Benzo[a]pyrene	ND		40.9	25.7		ug/L		63	32 - 148	8	35
Benzo[k]fluoranthene	ND		40.9	28.7		ug/L		70	26 - 145	7	35
Indeno[1,2,3-cd]pyrene	ND		40.9	30.6		ug/L		75	10 - 150	5	35
Benzo[g,h,i]perylene	ND		40.9	34.0		ug/L		83	10 - 140	5	35
Benzoic acid	ND		40.9	10.5		ug/L		26	10 - 130	4	35
Azobenzene	ND		40.9	23.2		ug/L		57	12 - 115	6	35
Dibenz(a,h)anthracene	ND		40.9	31.6		ug/L		77	10 - 130	5	35

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
Nitrobenzene-d5	42		11 - 92
2-Fluorobiphenyl	39		10 - 101
Terphenyl-d14	66		34 - 128
2-Fluorophenol	20		10 - 65
Phenol-d5	13		10 - 46
2,4,6-Tribromophenol	62		17 - 115

Lab Sample ID: 720-60536-E-17-A MS

Matrix: Water

Analysis Batch: 169051

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 168961

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits	
Phenol	ND		39.6	6.42		ug/L		16	12 - 115	
Bis(2-chloroethyl)ether	ND		39.6	17.2		ug/L		43	43 - 126	
2-Chlorophenol	ND		39.6	13.0		ug/L		33	23 - 134	
1,3-Dichlorobenzene	ND		39.6	13.2		ug/L		33	17 - 153	
1,4-Dichlorobenzene	ND		39.6	14.6		ug/L		37	36 - 115	
Benzyl alcohol	ND		39.6	15.2		ug/L		38	10 - 130	
1,2-Dichlorobenzene	ND		39.6	14.8	F1	ug/L		37	49 - 115	
2-Methylphenol	ND		39.6	14.6		ug/L		37	10 - 130	
4-Methylphenol	ND		39.6	13.4		ug/L		34	10 - 130	
N-Nitrosodi-n-propylamine	ND		39.6	17.2		ug/L		43	10 - 130	
Hexachloroethane	ND		39.6	15.0	F1	ug/L		38	55 - 100	
Nitrobenzene	ND		39.6	17.9	F1	ug/L		45	55 - 157	
Isophorone	ND		39.6	17.6	F1	ug/L		45	47 - 180	
2-Nitrophenol	ND		39.6	15.8	F1	ug/L		40	45 - 166	
2,4-Dimethylphenol	ND		39.6	18.4		ug/L		46	42 - 109	
Bis(2-chloroethoxy)methane	ND		39.6	15.6	F1	ug/L		39	43 - 164	
2,4-Dichlorophenol	ND		39.6	16.0	F1	ug/L		40	53 - 121	

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60514-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 720-60536-E-17-A MS

Matrix: Water

Analysis Batch: 169051

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 168961

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier	Added	Result	Qualifier				
1,2,4-Trichlorobenzene	ND		39.6	14.5	F1	ug/L		36	44 - 142
Naphthalene	ND		39.6	14.9		ug/L		37	36 - 119
4-Chloroaniline	ND		39.6	15.9		ug/L		40	10 - 130
Hexachlorobutadiene	ND		39.6	14.8	F1	ug/L		37	38 - 115
4-Chloro-3-methylphenol	ND		39.6	20.2		ug/L		51	22 - 147
2-Methylnaphthalene	ND		39.6	15.2		ug/L		38	10 - 130
Hexachlorocyclopentadiene	ND		39.6	10.1		ug/L		25	10 - 130
2,4,6-Trichlorophenol	ND		39.6	19.8	F1	ug/L		50	55 - 129
2,4,5-Trichlorophenol	ND		39.6	21.7		ug/L		55	20 - 120
2-Chloronaphthalene	ND		39.6	16.7		ug/L		42	10 - 130
2-Nitroaniline	ND		39.6	25.6		ug/L		64	10 - 130
Dimethyl phthalate	ND		39.6	25.4		ug/L		64	10 - 130
Acenaphthylene	ND		39.6	18.0	F1	ug/L		45	54 - 126
3-Nitroaniline	ND		39.6	23.6		ug/L		59	10 - 130
Acenaphthene	ND		39.6	18.9	F1	ug/L		48	56 - 118
2,4-Dinitrophenol	ND		79.3	59.5		ug/L		75	10 - 130
4-Nitrophenol	ND		79.3	33.9		ug/L		43	1 - 132
Dibenzofuran	ND		39.6	19.7		ug/L		50	10 - 130
2,4-Dinitrotoluene	ND		39.6	27.8		ug/L		70	39 - 139
2,6-Dinitrotoluene	ND		39.6	23.1		ug/L		58	10 - 130
Diethyl phthalate	ND		39.6	28.3		ug/L		71	10 - 130
4-Chlorophenyl phenyl ether	ND		39.6	25.0		ug/L		63	39 - 144
Fluorene	ND		39.6	22.2	F1	ug/L		56	72 - 115
4-Nitroaniline	ND		39.6	34.6		ug/L		87	10 - 130
2-Methyl-4,6-dinitrophenol	ND		79.3	58.7		ug/L		74	53 - 115
N-Nitrosodiphenylamine	ND		39.6	25.4		ug/L		64	14 - 170
4-Bromophenyl phenyl ether	ND		39.6	22.6		ug/L		57	10 - 130
Hexachlorobenzene	ND		39.6	22.4		ug/L		57	8 - 140
Pentachlorophenol	ND		79.3	56.4		ug/L		71	45 - 125
Phenanthrene	ND		39.6	25.9		ug/L		65	44 - 125
Anthracene	ND		39.6	26.5		ug/L		67	44 - 118
Di-n-butyl phthalate	ND		39.6	28.5		ug/L		72	9 - 115
Fluoranthene	ND		39.6	26.8		ug/L		68	43 - 121
Pyrene	ND		39.6	28.5		ug/L		72	52 - 115
Butyl benzyl phthalate	ND		39.6	29.3		ug/L		74	10 - 139
3,3'-Dichlorobenzidine	ND		39.6	13.1		ug/L		33	9 - 150
Benzo[a]anthracene	ND		39.6	27.6		ug/L		70	42 - 133
Bis(2-ethylhexyl) phthalate	ND		39.6	31.6		ug/L		80	29 - 136
Chrysene	ND		39.6	27.5		ug/L		69	42 - 139
Di-n-octyl phthalate	ND		39.6	33.3		ug/L		84	10 - 130
Benzo[b]fluoranthene	ND		39.6	26.0		ug/L		66	42 - 140
Benzo[a]pyrene	ND		39.6	27.9		ug/L		70	32 - 148
Benzo[k]fluoranthene	ND		39.6	30.7		ug/L		78	26 - 145
Indeno[1,2,3-cd]pyrene	ND		39.6	32.3		ug/L		82	10 - 150
Benzo[g,h,i]perylene	ND		39.6	35.6		ug/L		90	10 - 140
Benzoic acid	ND		39.6	10.1		ug/L		25	10 - 130
Azobenzene	ND		39.6	24.7		ug/L		62	12 - 115
Dibenz(a,h)anthracene	ND		39.6	33.3		ug/L		84	10 - 130

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60514-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 720-60536-E-17-A MS
Matrix: Water
Analysis Batch: 169051

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 168961

Surrogate	MS MS		Limits
	%Recovery	Qualifier	
Nitrobenzene-d5	40		11 - 92
2-Fluorobiphenyl	42		10 - 101
Terphenyl-d14	77		34 - 128
2-Fluorophenol	21		10 - 65
Phenol-d5	13		10 - 46
2,4,6-Tribromophenol	63		17 - 115

Method: 8015B - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 720-168921/1-A
Matrix: Water
Analysis Batch: 168953

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 168921

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Jet Fuel Range Organics [C9-C19]	ND		50		ug/L		10/15/14 18:40	10/16/14 14:15	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
p-Terphenyl	86		23 - 156	10/15/14 18:40	10/16/14 14:15	1

Lab Sample ID: LCS 720-168921/2-A
Matrix: Water
Analysis Batch: 168953

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 168921

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics [C10-C28]	2500	1840		ug/L		74	34 - 115

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
p-Terphenyl	98		23 - 156

Lab Sample ID: LCS 720-168921/4-A
Matrix: Water
Analysis Batch: 168953

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 168921

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Jet Fuel Range Organics [C9-C19]	1500	1310		ug/L		88	17 - 95

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
p-Terphenyl	96		23 - 156

Lab Sample ID: LCSD 720-168921/3-A
Matrix: Water
Analysis Batch: 168953

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 168921

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	
								RPD	Limit
Diesel Range Organics [C10-C28]	2500	1930		ug/L		77	34 - 115	5	35

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60514-1

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 720-168921/3-A
Matrix: Water
Analysis Batch: 168953

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 168921

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
p-Terphenyl	101		23 - 156

Lab Sample ID: LCSD 720-168921/5-A
Matrix: Water
Analysis Batch: 168953

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 168921

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Jet Fuel Range Organics [C9-C19]	1500	1200		ug/L		80	17 - 95	9	40

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
p-Terphenyl	94		23 - 156

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 720-168779/1-A
Matrix: Water
Analysis Batch: 168823

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 168779

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.010		mg/L		10/14/14 10:16	10/14/14 18:43	1
Arsenic	ND		0.010		mg/L		10/14/14 10:16	10/14/14 18:43	1
Beryllium	ND		0.0020		mg/L		10/14/14 10:16	10/14/14 18:43	1
Cadmium	ND		0.0020		mg/L		10/14/14 10:16	10/14/14 18:43	1
Chromium	ND		0.010		mg/L		10/14/14 10:16	10/14/14 18:43	1
Copper	ND		0.020		mg/L		10/14/14 10:16	10/14/14 18:43	1
Lead	ND		0.0050		mg/L		10/14/14 10:16	10/14/14 18:43	1
Nickel	ND		0.010		mg/L		10/14/14 10:16	10/14/14 18:43	1
Selenium	ND		0.020		mg/L		10/14/14 10:16	10/14/14 18:43	1
Silver	ND		0.0050		mg/L		10/14/14 10:16	10/14/14 18:43	1
Zinc	ND		0.020		mg/L		10/14/14 10:16	10/14/14 18:43	1

Lab Sample ID: LCS 720-168779/2-A
Matrix: Water
Analysis Batch: 168823

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 168779

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	1.00	0.954		mg/L		95	80 - 120
Arsenic	1.00	0.963		mg/L		96	80 - 120
Beryllium	1.00	0.952		mg/L		95	80 - 120
Cadmium	1.00	1.00		mg/L		100	80 - 120
Chromium	1.00	1.03		mg/L		103	80 - 120
Copper	1.00	0.984		mg/L		98	80 - 120
Lead	1.00	1.03		mg/L		103	80 - 120
Nickel	1.00	1.01		mg/L		101	80 - 120
Selenium	1.00	0.993		mg/L		99	80 - 120
Silver	0.500	0.496		mg/L		99	80 - 120
Zinc	1.00	0.962		mg/L		96	80 - 120

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60514-1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCSD 720-168779/3-A

Matrix: Water

Analysis Batch: 168823

Client Sample ID: Lab Control Sample Dup

Prep Type: Total Recoverable

Prep Batch: 168779

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec.		RPD	Limit
							Limits	RPD		
Antimony	1.00	0.958		mg/L		96	80 - 120	0	20	
Arsenic	1.00	0.963		mg/L		96	80 - 120	0	20	
Beryllium	1.00	0.953		mg/L		95	80 - 120	0	20	
Cadmium	1.00	0.997		mg/L		100	80 - 120	1	20	
Chromium	1.00	1.03		mg/L		103	80 - 120	0	20	
Copper	1.00	0.983		mg/L		98	80 - 120	0	20	
Lead	1.00	1.03		mg/L		103	80 - 120	0	20	
Nickel	1.00	1.01		mg/L		101	80 - 120	1	20	
Selenium	1.00	0.991		mg/L		99	80 - 120	0	20	
Silver	0.500	0.493		mg/L		99	80 - 120	1	20	
Zinc	1.00	0.959		mg/L		96	80 - 120	0	20	

Lab Sample ID: MB 720-168815/1-A

Matrix: Water

Analysis Batch: 168886

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 168815

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Antimony	ND		0.010		mg/L		10/14/14 17:46	10/15/14 12:56	1
Arsenic	ND		0.010		mg/L		10/14/14 17:46	10/15/14 12:56	1
Beryllium	ND		0.0020		mg/L		10/14/14 17:46	10/15/14 12:56	1
Cadmium	ND		0.0020		mg/L		10/14/14 17:46	10/15/14 12:56	1
Chromium	ND		0.010		mg/L		10/14/14 17:46	10/15/14 12:56	1
Copper	ND		0.020		mg/L		10/14/14 17:46	10/15/14 12:56	1
Lead	ND		0.0050		mg/L		10/14/14 17:46	10/15/14 12:56	1
Nickel	ND		0.010		mg/L		10/14/14 17:46	10/15/14 12:56	1
Selenium	ND		0.020		mg/L		10/14/14 17:46	10/15/14 12:56	1
Silver	ND		0.0050		mg/L		10/14/14 17:46	10/15/14 12:56	1
Zinc	ND		0.020		mg/L		10/14/14 17:46	10/15/14 12:56	1

Lab Sample ID: LCS 720-168815/2-A

Matrix: Water

Analysis Batch: 168886

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 168815

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.	
							Limits	RPD
Antimony	1.00	0.982		mg/L		98	80 - 120	
Arsenic	1.00	1.00		mg/L		100	80 - 120	
Beryllium	1.00	0.991		mg/L		99	80 - 120	
Cadmium	1.00	1.01		mg/L		101	80 - 120	
Chromium	1.00	1.02		mg/L		102	80 - 120	
Copper	1.00	1.00		mg/L		100	80 - 120	
Lead	1.00	1.02		mg/L		102	80 - 120	
Nickel	1.00	1.02		mg/L		102	80 - 120	
Selenium	1.00	1.01		mg/L		101	80 - 120	
Silver	0.500	0.516		mg/L		103	80 - 120	
Zinc	1.00	0.939		mg/L		94	80 - 120	

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60514-1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCSD 720-168815/3-A

Matrix: Water

Analysis Batch: 168886

Client Sample ID: Lab Control Sample Dup

Prep Type: Total Recoverable

Prep Batch: 168815

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec.		RPD	Limit
							Limits	RPD		
Antimony	1.00	1.00		mg/L		100	80 - 120	2	20	
Arsenic	1.00	1.00		mg/L		100	80 - 120	0	20	
Beryllium	1.00	0.997		mg/L		100	80 - 120	1	20	
Cadmium	1.00	1.02		mg/L		102	80 - 120	1	20	
Chromium	1.00	1.03		mg/L		103	80 - 120	1	20	
Copper	1.00	1.01		mg/L		101	80 - 120	1	20	
Lead	1.00	1.03		mg/L		103	80 - 120	0	20	
Nickel	1.00	1.03		mg/L		103	80 - 120	1	20	
Selenium	1.00	1.03		mg/L		103	80 - 120	2	20	
Silver	0.500	0.522		mg/L		104	80 - 120	1	20	
Zinc	1.00	0.943		mg/L		94	80 - 120	0	20	

Lab Sample ID: MB 720-168711/1-B

Matrix: Water

Analysis Batch: 168823

Client Sample ID: Method Blank

Prep Type: Dissolved

Prep Batch: 168779

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Antimony	ND		0.010		mg/L		10/14/14 10:16	10/14/14 18:57	1
Arsenic	ND		0.010		mg/L		10/14/14 10:16	10/14/14 18:57	1
Beryllium	ND		0.0020		mg/L		10/14/14 10:16	10/14/14 18:57	1
Cadmium	ND		0.0020		mg/L		10/14/14 10:16	10/14/14 18:57	1
Chromium	ND		0.010		mg/L		10/14/14 10:16	10/14/14 18:57	1
Copper	ND		0.020		mg/L		10/14/14 10:16	10/14/14 18:57	1
Lead	ND		0.0050		mg/L		10/14/14 10:16	10/14/14 18:57	1
Nickel	ND		0.010		mg/L		10/14/14 10:16	10/14/14 18:57	1
Selenium	ND		0.020		mg/L		10/14/14 10:16	10/14/14 18:57	1
Silver	ND		0.0050		mg/L		10/14/14 10:16	10/14/14 18:57	1
Zinc	ND		0.020		mg/L		10/14/14 10:16	10/14/14 18:57	1

Lab Sample ID: 720-60514-7 MS

Matrix: Water

Analysis Batch: 168823

Client Sample ID: PLSB-11

Prep Type: Dissolved

Prep Batch: 168779

Analyte	Sample Result	Sample Qualifier	Spike Added	MS MS		Unit	D	%Rec	%Rec.	
				Result	Qualifier				Limits	RPD
Antimony	ND		1.00	0.966		mg/L		97	75 - 125	
Arsenic	ND		1.00	0.984		mg/L		98	75 - 125	
Beryllium	ND		1.00	0.940		mg/L		94	75 - 125	
Cadmium	ND		1.00	0.969		mg/L		97	75 - 125	
Chromium	ND		1.00	1.00		mg/L		100	75 - 125	
Copper	ND		1.00	0.962		mg/L		96	75 - 125	
Lead	ND		1.00	0.976		mg/L		98	75 - 125	
Nickel	ND		1.00	0.955		mg/L		95	75 - 125	
Selenium	ND		1.00	0.981		mg/L		98	75 - 125	
Silver	ND		0.500	0.493		mg/L		99	75 - 125	
Zinc	ND		1.00	0.925		mg/L		92	75 - 125	

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60514-1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 720-60514-7 MSD

Matrix: Water

Analysis Batch: 168823

Client Sample ID: PLSB-11

Prep Type: Dissolved

Prep Batch: 168779

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	
	Result	Qualifier		Result	Qualifier				Limits	RPD	Limit
Antimony	ND		1.00	0.976		mg/L		98	75 - 125	1	20
Arsenic	ND		1.00	0.987		mg/L		99	75 - 125	0	20
Beryllium	ND		1.00	0.938		mg/L		94	75 - 125	0	20
Cadmium	ND		1.00	0.970		mg/L		97	75 - 125	0	20
Chromium	ND		1.00	1.02		mg/L		102	75 - 125	2	20
Copper	ND		1.00	0.967		mg/L		97	75 - 125	1	20
Lead	ND		1.00	0.978		mg/L		98	75 - 125	0	20
Nickel	ND		1.00	0.957		mg/L		96	75 - 125	0	20
Selenium	ND		1.00	0.990		mg/L		99	75 - 125	1	20
Silver	ND		0.500	0.490		mg/L		98	75 - 125	0	20
Zinc	ND		1.00	0.925		mg/L		92	75 - 125	0	20

Lab Sample ID: 720-60514-1 MS

Matrix: Water

Analysis Batch: 168886

Client Sample ID: PLPB-7

Prep Type: Dissolved

Prep Batch: 168815

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.	RPD	
	Result	Qualifier		Result	Qualifier				Limits	RPD	Limit
Antimony	ND		1.00	1.02		mg/L		102	75 - 125		
Arsenic	ND		1.00	1.06		mg/L		106	75 - 125		
Beryllium	ND		1.00	0.998		mg/L		100	75 - 125		
Cadmium	ND		1.00	1.01		mg/L		101	75 - 125		
Chromium	ND		1.00	1.02		mg/L		102	75 - 125		
Copper	ND		1.00	1.01		mg/L		101	75 - 125		
Lead	ND		1.00	0.989		mg/L		99	75 - 125		
Nickel	ND		1.00	1.00		mg/L		99	75 - 125		
Selenium	ND		1.00	1.04		mg/L		104	75 - 125		
Silver	ND		0.500	0.525		mg/L		105	75 - 125		
Zinc	ND		1.00	0.939		mg/L		94	75 - 125		

Lab Sample ID: 720-60514-1 MSD

Matrix: Water

Analysis Batch: 168886

Client Sample ID: PLPB-7

Prep Type: Dissolved

Prep Batch: 168815

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	
	Result	Qualifier		Result	Qualifier				Limits	RPD	Limit
Antimony	ND		1.00	1.01		mg/L		101	75 - 125	1	20
Arsenic	ND		1.00	1.05		mg/L		105	75 - 125	1	20
Beryllium	ND		1.00	0.991		mg/L		99	75 - 125	1	20
Cadmium	ND		1.00	1.00		mg/L		100	75 - 125	1	20
Chromium	ND		1.00	1.01		mg/L		101	75 - 125	2	20
Copper	ND		1.00	0.992		mg/L		99	75 - 125	2	20
Lead	ND		1.00	0.976		mg/L		98	75 - 125	1	20
Nickel	ND		1.00	0.987		mg/L		98	75 - 125	1	20
Selenium	ND		1.00	1.03		mg/L		102	75 - 125	2	20
Silver	ND		0.500	0.517		mg/L		103	75 - 125	1	20
Zinc	ND		1.00	0.926		mg/L		93	75 - 125	1	20

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60514-1

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 720-168879/1-A
Matrix: Water
Analysis Batch: 169021

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 168879

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		10/15/14 13:20	10/16/14 19:53	1

Lab Sample ID: LCS 720-168879/2-A
Matrix: Water
Analysis Batch: 169021

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 168879

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.0100	0.00932		mg/L		93	85 - 115

Lab Sample ID: LCSD 720-168879/3-A
Matrix: Water
Analysis Batch: 169021

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 168879

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.0100	0.00994		mg/L		99	85 - 115	6	20

Lab Sample ID: MB 720-169062/1-A
Matrix: Water
Analysis Batch: 169119

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 169062

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		10/17/14 10:33	10/17/14 20:08	1

Lab Sample ID: LCS 720-169062/2-A
Matrix: Water
Analysis Batch: 169119

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 169062

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.0100	0.0101		mg/L		101	85 - 115

Lab Sample ID: LCSD 720-169062/3-A
Matrix: Water
Analysis Batch: 169119

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 169062

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.0100	0.00988		mg/L		99	85 - 115	2	20

Lab Sample ID: 720-60609-A-1-C MS
Matrix: Water
Analysis Batch: 169119

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 169062

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	ND		0.0100	0.00932		mg/L		91	70 - 130

Lab Sample ID: 720-60609-A-1-D MSD
Matrix: Water
Analysis Batch: 169119

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 169062

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND		0.0100	0.00984		mg/L		97	70 - 130	5	20

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60514-1

Lab Sample ID: MB 720-168711/1-C
Matrix: Water
Analysis Batch: 169021

Client Sample ID: Method Blank
Prep Type: Dissolved
Prep Batch: 168879

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		10/15/14 13:20	10/16/14 20:10	1

Lab Sample ID: 720-60464-E-19-C MS
Matrix: Water
Analysis Batch: 169021

Client Sample ID: Matrix Spike
Prep Type: Dissolved
Prep Batch: 168879

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	ND		0.0100	0.0109		mg/L		109	70 - 130

Lab Sample ID: 720-60464-E-19-D MSD
Matrix: Water
Analysis Batch: 169021

Client Sample ID: Matrix Spike Duplicate
Prep Type: Dissolved
Prep Batch: 168879

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND		0.0100	0.0109		mg/L		109	70 - 130	0	20

Method: SM 4500 CN E - Cyanide, Total

Lab Sample ID: MB 500-259347/13-A
Matrix: Water
Analysis Batch: 259545

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 259347

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010		mg/L		10/15/14 14:45	10/15/14 17:21	1

Lab Sample ID: LCS 500-259347/14-A
Matrix: Water
Analysis Batch: 259545

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 259347

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	0.100	0.0926		mg/L		93	80 - 120

Lab Sample ID: 720-60476-G-1-B MS
Matrix: Water
Analysis Batch: 259545

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 259347

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	ND		0.0400	0.0392		mg/L		94	75 - 125

Lab Sample ID: 720-60476-G-1-C MSD
Matrix: Water
Analysis Batch: 259545

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 259347

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cyanide, Total	ND		0.0400	0.0375		mg/L		90	75 - 125	4	20

TestAmerica Pleasanton

QC Association Summary

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60514-1

GC/MS VOA

Analysis Batch: 169123

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60508-A-1 MS	Matrix Spike	Total/NA	Water	8260B	
720-60508-A-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B	
720-60514-1	PLPB-7	Total/NA	Water	8260B	
720-60514-2	PLPB-6	Total/NA	Water	8260B	
720-60514-4	PLSB-7	Total/NA	Water	8260B	
720-60514-5	PLSB-10	Total/NA	Water	8260B	
720-60514-6	PLPB-5	Total/NA	Water	8260B	
720-60514-7	PLSB-11	Total/NA	Water	8260B	
720-60514-8	PLSB-12	Total/NA	Water	8260B	
720-60514-9	TB	Total/NA	Water	8260B	
LCS 720-169123/6	Lab Control Sample	Total/NA	Water	8260B	
LCSD 720-169123/7	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 720-169123/5	Method Blank	Total/NA	Water	8260B	

GC/MS Semi VOA

Prep Batch: 168778

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60514-1	PLPB-7	Total/NA	Water	3510C	
720-60514-2	PLPB-6	Total/NA	Water	3510C	
LCS 720-168778/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 720-168778/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
MB 720-168778/1-A	Method Blank	Total/NA	Water	3510C	

Analysis Batch: 168855

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 720-168778/2-A	Lab Control Sample	Total/NA	Water	8270C	168778
LCSD 720-168778/3-A	Lab Control Sample Dup	Total/NA	Water	8270C	168778
MB 720-168778/1-A	Method Blank	Total/NA	Water	8270C	168778

Analysis Batch: 168956

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60514-1	PLPB-7	Total/NA	Water	8270C	168778
720-60514-2	PLPB-6	Total/NA	Water	8270C	168778
720-60514-4	PLSB-7	Total/NA	Water	8270C	168961
LCS 720-168961/2-A	Lab Control Sample	Total/NA	Water	8270C	168961
LCSD 720-168961/3-A	Lab Control Sample Dup	Total/NA	Water	8270C	168961
MB 720-168961/1-A	Method Blank	Total/NA	Water	8270C	168961

Prep Batch: 168961

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60514-4	PLSB-7	Total/NA	Water	3510C	
720-60514-5	PLSB-10	Total/NA	Water	3510C	
720-60514-6	PLPB-5	Total/NA	Water	3510C	
720-60514-7	PLSB-11	Total/NA	Water	3510C	
720-60514-8	PLSB-12	Total/NA	Water	3510C	
720-60536-D-17-A MSD	Matrix Spike Duplicate	Total/NA	Water	3510C	
720-60536-E-17-A MS	Matrix Spike	Total/NA	Water	3510C	
LCS 720-168961/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 720-168961/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

TestAmerica Pleasanton

QC Association Summary

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60514-1

GC/MS Semi VOA (Continued)

Prep Batch: 168961 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-168961/1-A	Method Blank	Total/NA	Water	3510C	

Analysis Batch: 169051

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60514-5	PLSB-10	Total/NA	Water	8270C	168961
720-60514-6	PLPB-5	Total/NA	Water	8270C	168961
720-60514-7	PLSB-11	Total/NA	Water	8270C	168961
720-60514-8	PLSB-12	Total/NA	Water	8270C	168961
720-60536-D-17-A MSD	Matrix Spike Duplicate	Total/NA	Water	8270C	168961
720-60536-E-17-A MS	Matrix Spike	Total/NA	Water	8270C	168961

GC Semi VOA

Prep Batch: 168921

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60514-1	PLPB-7	Total/NA	Water	3510C	
LCS 720-168921/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCS 720-168921/4-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 720-168921/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
LCSD 720-168921/5-A	Lab Control Sample Dup	Total/NA	Water	3510C	
MB 720-168921/1-A	Method Blank	Total/NA	Water	3510C	

Analysis Batch: 168953

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60514-1	PLPB-7	Total/NA	Water	8015B	168921
LCS 720-168921/2-A	Lab Control Sample	Total/NA	Water	8015B	168921
LCS 720-168921/4-A	Lab Control Sample	Total/NA	Water	8015B	168921
LCSD 720-168921/3-A	Lab Control Sample Dup	Total/NA	Water	8015B	168921
LCSD 720-168921/5-A	Lab Control Sample Dup	Total/NA	Water	8015B	168921
MB 720-168921/1-A	Method Blank	Total/NA	Water	8015B	168921

Metals

Filtration Batch: 168682

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60464-E-19-C MS	Matrix Spike	Dissolved	Water	FILTRATION	
720-60464-E-19-D MSD	Matrix Spike Duplicate	Dissolved	Water	FILTRATION	

Filtration Batch: 168711

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60514-7	PLSB-11	Dissolved	Water	FILTRATION	
720-60514-7	PLSB-11	Dissolved	Water	FILTRATION	
720-60514-7 MS	PLSB-11	Dissolved	Water	FILTRATION	
720-60514-7 MSD	PLSB-11	Dissolved	Water	FILTRATION	
720-60514-8	PLSB-12	Dissolved	Water	FILTRATION	
720-60514-8	PLSB-12	Dissolved	Water	FILTRATION	
MB 720-168711/1-B	Method Blank	Dissolved	Water	FILTRATION	
MB 720-168711/1-C	Method Blank	Dissolved	Water	FILTRATION	

TestAmerica Pleasanton

QC Association Summary

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60514-1

Metals (Continued)

Prep Batch: 168779

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60514-7	PLSB-11	Dissolved	Water	3005A	168711
720-60514-7 MS	PLSB-11	Dissolved	Water	3005A	168711
720-60514-7 MSD	PLSB-11	Dissolved	Water	3005A	168711
720-60514-8	PLSB-12	Dissolved	Water	3005A	168711
LCS 720-168779/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
LCSD 720-168779/3-A	Lab Control Sample Dup	Total Recoverable	Water	3005A	
MB 720-168711/1-B	Method Blank	Dissolved	Water	3005A	168711
MB 720-168779/1-A	Method Blank	Total Recoverable	Water	3005A	

Prep Batch: 168815

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60514-1	PLPB-7	Dissolved	Water	3005A	
720-60514-1 MS	PLPB-7	Dissolved	Water	3005A	
720-60514-1 MSD	PLPB-7	Dissolved	Water	3005A	
720-60514-2	PLPB-6	Dissolved	Water	3005A	
720-60514-4	PLSB-7	Dissolved	Water	3005A	
720-60514-5	PLSB-10	Dissolved	Water	3005A	
720-60514-6	PLPB-5	Dissolved	Water	3005A	
LCS 720-168815/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
LCSD 720-168815/3-A	Lab Control Sample Dup	Total Recoverable	Water	3005A	
MB 720-168815/1-A	Method Blank	Total Recoverable	Water	3005A	

Analysis Batch: 168823

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60514-7	PLSB-11	Dissolved	Water	6010B	168779
720-60514-7 MS	PLSB-11	Dissolved	Water	6010B	168779
720-60514-7 MSD	PLSB-11	Dissolved	Water	6010B	168779
720-60514-8	PLSB-12	Dissolved	Water	6010B	168779
LCS 720-168779/2-A	Lab Control Sample	Total Recoverable	Water	6010B	168779
LCSD 720-168779/3-A	Lab Control Sample Dup	Total Recoverable	Water	6010B	168779
MB 720-168711/1-B	Method Blank	Dissolved	Water	6010B	168779
MB 720-168779/1-A	Method Blank	Total Recoverable	Water	6010B	168779

Prep Batch: 168879

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60464-E-19-C MS	Matrix Spike	Dissolved	Water	7470A	168682
720-60464-E-19-D MSD	Matrix Spike Duplicate	Dissolved	Water	7470A	168682
720-60514-4	PLSB-7	Dissolved	Water	7470A	
720-60514-5	PLSB-10	Dissolved	Water	7470A	
720-60514-6	PLPB-5	Dissolved	Water	7470A	
720-60514-7	PLSB-11	Dissolved	Water	7470A	168711
720-60514-8	PLSB-12	Dissolved	Water	7470A	168711
LCS 720-168879/2-A	Lab Control Sample	Total/NA	Water	7470A	
LCSD 720-168879/3-A	Lab Control Sample Dup	Total/NA	Water	7470A	
MB 720-168711/1-C	Method Blank	Dissolved	Water	7470A	168711
MB 720-168879/1-A	Method Blank	Total/NA	Water	7470A	

Analysis Batch: 168886

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60514-1	PLPB-7	Dissolved	Water	6010B	168815
720-60514-1 MS	PLPB-7	Dissolved	Water	6010B	168815

TestAmerica Pleasanton

QC Association Summary

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60514-1

Metals (Continued)

Analysis Batch: 168886 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60514-1 MSD	PLPB-7	Dissolved	Water	6010B	168815
LCS 720-168815/2-A	Lab Control Sample	Total Recoverable	Water	6010B	168815
LCSD 720-168815/3-A	Lab Control Sample Dup	Total Recoverable	Water	6010B	168815
MB 720-168815/1-A	Method Blank	Total Recoverable	Water	6010B	168815

Analysis Batch: 168917

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60514-2	PLPB-6	Dissolved	Water	6010B	168815
720-60514-4	PLSB-7	Dissolved	Water	6010B	168815
720-60514-5	PLSB-10	Dissolved	Water	6010B	168815
720-60514-6	PLPB-5	Dissolved	Water	6010B	168815

Analysis Batch: 169021

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60464-E-19-C MS	Matrix Spike	Dissolved	Water	7470A	168879
720-60464-E-19-D MSD	Matrix Spike Duplicate	Dissolved	Water	7470A	168879
720-60514-4	PLSB-7	Dissolved	Water	7470A	168879
720-60514-5	PLSB-10	Dissolved	Water	7470A	168879
720-60514-6	PLPB-5	Dissolved	Water	7470A	168879
720-60514-7	PLSB-11	Dissolved	Water	7470A	168879
720-60514-8	PLSB-12	Dissolved	Water	7470A	168879
LCS 720-168879/2-A	Lab Control Sample	Total/NA	Water	7470A	168879
LCSD 720-168879/3-A	Lab Control Sample Dup	Total/NA	Water	7470A	168879
MB 720-168711/1-C	Method Blank	Dissolved	Water	7470A	168879
MB 720-168879/1-A	Method Blank	Total/NA	Water	7470A	168879

Prep Batch: 169062

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60514-1	PLPB-7	Dissolved	Water	7470A	
720-60514-2	PLPB-6	Dissolved	Water	7470A	
720-60609-A-1-C MS	Matrix Spike	Total/NA	Water	7470A	
720-60609-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	
LCS 720-169062/2-A	Lab Control Sample	Total/NA	Water	7470A	
LCSD 720-169062/3-A	Lab Control Sample Dup	Total/NA	Water	7470A	
MB 720-169062/1-A	Method Blank	Total/NA	Water	7470A	

Analysis Batch: 169119

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60514-1	PLPB-7	Dissolved	Water	7470A	169062
720-60514-2	PLPB-6	Dissolved	Water	7470A	169062
720-60609-A-1-C MS	Matrix Spike	Total/NA	Water	7470A	169062
720-60609-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	169062
LCS 720-169062/2-A	Lab Control Sample	Total/NA	Water	7470A	169062
LCSD 720-169062/3-A	Lab Control Sample Dup	Total/NA	Water	7470A	169062
MB 720-169062/1-A	Method Blank	Total/NA	Water	7470A	169062

TestAmerica Pleasanton

QC Association Summary

Client: URS Corporation
 Project/Site: Philips San Jose

TestAmerica Job ID: 720-60514-1

General Chemistry

Prep Batch: 259347

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60476-G-1-B MS	Matrix Spike	Total/NA	Water	Distill/CN	
720-60476-G-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	Distill/CN	
720-60514-4	PLSB-7	Total/NA	Water	Distill/CN	
720-60514-5	PLSB-10	Total/NA	Water	Distill/CN	
720-60514-7	PLSB-11	Total/NA	Water	Distill/CN	
720-60514-8	PLSB-12	Total/NA	Water	Distill/CN	
LCS 500-259347/14-A	Lab Control Sample	Total/NA	Water	Distill/CN	
MB 500-259347/13-A	Method Blank	Total/NA	Water	Distill/CN	

Analysis Batch: 259545

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60476-G-1-B MS	Matrix Spike	Total/NA	Water	SM 4500 CN E	259347
720-60476-G-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	SM 4500 CN E	259347
720-60514-4	PLSB-7	Total/NA	Water	SM 4500 CN E	259347
720-60514-5	PLSB-10	Total/NA	Water	SM 4500 CN E	259347
720-60514-7	PLSB-11	Total/NA	Water	SM 4500 CN E	259347
720-60514-8	PLSB-12	Total/NA	Water	SM 4500 CN E	259347
LCS 500-259347/14-A	Lab Control Sample	Total/NA	Water	SM 4500 CN E	259347
MB 500-259347/13-A	Method Blank	Total/NA	Water	SM 4500 CN E	259347

Lab Chronicle

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60514-1

Client Sample ID: PLPB-7
Date Collected: 10/09/14 16:15
Date Received: 10/10/14 18:45

Lab Sample ID: 720-60514-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	169123	10/18/14 15:47	ASC	TAL PLS
Total/NA	Prep	3510C			168778	10/14/14 14:03	NDU	TAL PLS
Total/NA	Analysis	8270C		1	168956	10/16/14 15:30	MQL	TAL PLS
Total/NA	Prep	3510C			168921	10/15/14 18:40	DFR	TAL PLS
Total/NA	Analysis	8015B		1	168953	10/16/14 18:09	JL	TAL PLS
Dissolved	Prep	3005A			168815	10/14/14 17:46	ASB	TAL PLS
Dissolved	Analysis	6010B		1	168886	10/15/14 13:25	EFH	TAL PLS
Dissolved	Prep	7470A			169062	10/17/14 10:33	JCR	TAL PLS
Dissolved	Analysis	7470A		1	169119	10/17/14 20:25	SLK	TAL PLS

Client Sample ID: PLPB-6
Date Collected: 10/09/14 17:25
Date Received: 10/10/14 18:45

Lab Sample ID: 720-60514-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	169123	10/18/14 16:15	ASC	TAL PLS
Total/NA	Prep	3510C			168778	10/14/14 14:03	NDU	TAL PLS
Total/NA	Analysis	8270C		1	168956	10/16/14 15:54	MQL	TAL PLS
Dissolved	Prep	3005A			168815	10/14/14 17:46	ASB	TAL PLS
Dissolved	Analysis	6010B		1	168917	10/15/14 16:36	SLK	TAL PLS
Dissolved	Prep	7470A			169062	10/17/14 10:33	JCR	TAL PLS
Dissolved	Analysis	7470A		1	169119	10/17/14 20:28	SLK	TAL PLS

Client Sample ID: PLSB-7
Date Collected: 10/10/14 09:00
Date Received: 10/10/14 18:45

Lab Sample ID: 720-60514-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	169123	10/18/14 17:12	ASC	TAL PLS
Total/NA	Prep	3510C			168961	10/16/14 10:12	NDU	TAL PLS
Total/NA	Analysis	8270C		1	168956	10/17/14 00:16	MQL	TAL PLS
Dissolved	Prep	3005A			168815	10/14/14 17:46	ASB	TAL PLS
Dissolved	Analysis	6010B		1	168917	10/15/14 16:41	SLK	TAL PLS
Dissolved	Prep	7470A			168879	10/15/14 13:20	ECT	TAL PLS
Dissolved	Analysis	7470A		1	169021	10/16/14 20:00	SLK	TAL PLS
Total/NA	Prep	Distill/CN			259347	10/15/14 14:45	EAT	TAL CHI
Total/NA	Analysis	SM 4500 CN E		1	259545		EAT	TAL CHI
					(Start)	10/15/14 17:23		
					(End)	10/15/14 17:24		

Lab Chronicle

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60514-1

Client Sample ID: PLSB-10

Lab Sample ID: 720-60514-5

Date Collected: 10/10/14 10:00

Matrix: Water

Date Received: 10/10/14 18:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	169123	10/18/14 17:41	ASC	TAL PLS
Total/NA	Prep	3510C			168961	10/16/14 10:12	NDU	TAL PLS
Total/NA	Analysis	8270C		1	169051	10/17/14 13:04	MQL	TAL PLS
Dissolved	Prep	3005A			168815	10/14/14 17:46	ASB	TAL PLS
Dissolved	Analysis	6010B		1	168917	10/15/14 16:46	SLK	TAL PLS
Dissolved	Prep	7470A			168879	10/15/14 13:20	ECT	TAL PLS
Dissolved	Analysis	7470A		1	169021	10/16/14 20:03	SLK	TAL PLS
Total/NA	Prep	Distill/CN			259347	10/15/14 14:45	EAT	TAL CHI
Total/NA	Analysis	SM 4500 CN E		1	259545		EAT	TAL CHI
					(Start)	10/15/14 17:24		
					(End)	10/15/14 17:24		

Client Sample ID: PLPB-5

Lab Sample ID: 720-60514-6

Date Collected: 10/10/14 11:00

Matrix: Water

Date Received: 10/10/14 18:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	169123	10/18/14 18:09	ASC	TAL PLS
Total/NA	Prep	3510C			168961	10/16/14 10:12	NDU	TAL PLS
Total/NA	Analysis	8270C		1	169051	10/17/14 13:28	MQL	TAL PLS
Dissolved	Prep	3005A			168815	10/14/14 17:46	ASB	TAL PLS
Dissolved	Analysis	6010B		1	168917	10/15/14 16:51	SLK	TAL PLS
Dissolved	Prep	7470A			168879	10/15/14 13:20	ECT	TAL PLS
Dissolved	Analysis	7470A		1	169021	10/16/14 20:05	SLK	TAL PLS

Client Sample ID: PLSB-11

Lab Sample ID: 720-60514-7

Date Collected: 10/10/14 14:30

Matrix: Water

Date Received: 10/10/14 18:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	169123	10/18/14 18:38	ASC	TAL PLS
Total/NA	Prep	3510C			168961	10/16/14 10:12	NDU	TAL PLS
Total/NA	Analysis	8270C		1	169051	10/17/14 13:52	MQL	TAL PLS
Dissolved	Prep	3005A			168779	10/14/14 10:16	JCR	TAL PLS
Dissolved	Filtration	FILTRATION			168711	10/14/14 10:18	JCR	TAL PLS
Dissolved	Analysis	6010B		1	168823	10/14/14 19:16	SLK	TAL PLS
Dissolved	Filtration	FILTRATION			168711	10/13/14 15:14	JCR	TAL PLS
Dissolved	Prep	7470A			168879	10/15/14 13:20	ECT	TAL PLS
Dissolved	Analysis	7470A		1	169021	10/16/14 20:12	SLK	TAL PLS
Total/NA	Prep	Distill/CN			259347	10/15/14 14:45	EAT	TAL CHI
Total/NA	Analysis	SM 4500 CN E		1	259545		EAT	TAL CHI
					(Start)	10/15/14 17:24		
					(End)	10/15/14 17:25		

TestAmerica Pleasanton

Lab Chronicle

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60514-1

Client Sample ID: PLSB-12

Lab Sample ID: 720-60514-8

Date Collected: 10/10/14 16:00

Matrix: Water

Date Received: 10/10/14 18:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	169123	10/18/14 19:06	ASC	TAL PLS
Total/NA	Prep	3510C			168961	10/16/14 10:12	NDU	TAL PLS
Total/NA	Analysis	8270C		1	169051	10/17/14 14:16	MQL	TAL PLS
Dissolved	Prep	3005A			168779	10/14/14 10:16	JCR	TAL PLS
Dissolved	Filtration	FILTRATION			168711	10/14/14 10:18	JCR	TAL PLS
Dissolved	Analysis	6010B		1	168823	10/14/14 19:20	SLK	TAL PLS
Dissolved	Filtration	FILTRATION			168711	10/13/14 15:16	JCR	TAL PLS
Dissolved	Prep	7470A			168879	10/15/14 13:20	ECT	TAL PLS
Dissolved	Analysis	7470A		1	169021	10/16/14 20:14	SLK	TAL PLS
Total/NA	Prep	Distill/CN			259347	10/15/14 14:45	EAT	TAL CHI
Total/NA	Analysis	SM 4500 CN E		1	259545		EAT	TAL CHI
					(Start)	10/15/14 17:25		
					(End)	10/15/14 17:26		

Client Sample ID: TB

Lab Sample ID: 720-60514-9

Date Collected: 10/10/14 00:00

Matrix: Water

Date Received: 10/10/14 18:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	169123	10/18/14 12:56	ASC	TAL PLS

Laboratory References:

TAL CHI = TestAmerica Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200
TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

Certification Summary

Client: URS Corporation
 Project/Site: Philips San Jose

TestAmerica Job ID: 720-60514-1

Laboratory: TestAmerica Pleasanton

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

Authority	Program	EPA Region	Certification ID	Expiration Date
California	State Program	9	2496	01-31-16

Analysis Method	Prep Method	Matrix	Analyte

Laboratory: TestAmerica Chicago

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Alabama	State Program	4	40461	04-30-15
California	State Program	9	2903	04-30-15
Georgia	State Program	4	N/A	04-30-15
Georgia	State Program	4	939	04-30-15
Hawaii	State Program	9	N/A	04-30-15
Illinois	NELAP	5	100201	04-30-15
Indiana	State Program	5	C-IL-02	04-30-15
Iowa	State Program	7	82	05-01-16
Kansas	NELAP	7	E-10161	10-31-14 *
Kentucky (UST)	State Program	4	66	04-30-15
Kentucky (WW)	State Program	4	KY90023	12-31-14 *
Massachusetts	State Program	1	M-IL035	06-30-15
Mississippi	State Program	4	N/A	04-30-15
New York	NELAP	2	IL00035	03-31-15
North Carolina (WW/SW)	State Program	4	291	12-31-14 *
North Dakota	State Program	8	R-194	04-30-15
Oklahoma	State Program	6	8908	08-31-15
South Carolina	State Program	4	77001	04-30-15
USDA	Federal		P330-12-00038	02-06-15
Wisconsin	State Program	5	999580010	08-31-15 *
Wyoming	State Program	8	8TMS-Q	04-30-15

* Certification renewal pending - certification considered valid.

Method Summary

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60514-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL PLS
8270C	Semivolatile Organic Compounds (GC/MS)	SW846	TAL PLS
8015B	Diesel Range Organics (DRO) (GC)	SW846	TAL PLS
6010B	Metals (ICP)	SW846	TAL PLS
7470A	Mercury (CVAA)	SW846	TAL PLS
SM 4500 CN E	Cyanide, Total	SM	TAL CHI

Protocol References:

SM = "Standard Methods For The Examination Of Water And Wastewater",

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

Laboratory References:

TAL CHI = TestAmerica Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919



Sample Summary

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60514-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-60514-1	PLPB-7	Water	10/09/14 16:15	10/10/14 18:45
720-60514-2	PLPB-6	Water	10/09/14 17:25	10/10/14 18:45
720-60514-4	PLSB-7	Water	10/10/14 09:00	10/10/14 18:45
720-60514-5	PLSB-10	Water	10/10/14 10:00	10/10/14 18:45
720-60514-6	PLPB-5	Water	10/10/14 11:00	10/10/14 18:45
720-60514-7	PLSB-11	Water	10/10/14 14:30	10/10/14 18:45
720-60514-8	PLSB-12	Water	10/10/14 16:00	10/10/14 18:45
720-60514-9	TB	Water	10/10/14 00:00	10/10/14 18:45



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720-70514

TESTAMERICA Pleasanton Chain of Custody
 1220 Quarry Lane • Pleasanton CA 94566-4756
 Phone: (925) 484-1919 • Fax: (925) 600-3002

Reference #: 1508103
 Date 10/14 Page ___ of ___
 10/21/2014

Report To

Attn: Erik Stov
 Company: UPS Corp
 Address: One Montgomery
 Email: Erik.Stov@UPS.COM
 Bill To:
 Attn: Phone: 415-243-3845

Analysis Request

Sample ID: Date: Time: Mat: Preserv: FX

Volatile Organics GC/MS (VOCs)
 EPA 8260B
 HVOCs by EPA 8260B
 EPA 8260B: Gas BTEX
 5 Oxygenates DCA, EDB Ethanol
 *See Special Instructions
 TEPH EPA 8015B, Silica Gel
 Diesel Motor Oil Other
 SemiVolatile Organics GC/MS
 EPA 8270C
 PNA/PAH's by 8270C
 8270C SIM
 Oil and Grease Petroleum
 (EPA 1664/9071) Total
 Pesticides EPA 8081
 PCBs EPA 8082
 CAM17 Metals
 (EPA 6010/7470/7471)
 Metals: 6010B 200.7
 Lead LUFT RCRA
 Other:
 *See Special Instructions
 Metals: 6020 200.8
 (ICP-MS): _____
 W.E.T (STLC)
 W.E.T (DI) TCLP
 Hex. Chrom by EPA 7196
 or EPA 7199
 pH 9040
 SM4500
 Spec. Cond. Alkalinity
 TSS SS TDS
 Anions: Cl SO₄ NO₃ F
 Br NO₂ PO₄
 Filter
 Perchlorate by EPA 846.0
 COD EPA 410.4 SM5220D
 Turbidity
 Cyanide
 Hold
 Number of Containers

Sample ID	Date	Time	Mat	Preserv	FX
1 PLPB-7	10/4/14	1615	10	HCl	XXX
2 PLPB-6	10/4/14	1725	10	HCl	XXX
3 PL5B-13A	10/10/14	805	10	HCl	XXX
4 PL5B-7	10/10/14	900	10	HCl	XXX
5 PL5B-ID	10/10/14	1000	10	HCl	XXX
6 PLPB-5	10/10/14	1100	10	HCl	XXX
7 PL5B-11	10/10/14	1430	10	HCl	XXX
8 PL5B-12	10/10/14	1600	10	HCl	XXX
9 TB			10	HCl	XXX

Project Info.

Project Name: # of Containers: Philips San Jose

PO#: H96661
 Temp: 0.9/0.9/0.5°C
 Credit Card V/N: If yes, please call with payment information ASAP

1) Relinquished by: [Signature] Time: 1715 Date: 10/10/14
 Signature: [Signature] Time: 1845 Date: 10/10/14
 Printed Name: Ed Morhuz
 Company: TA

Report: Routine Level 3 Level 4 EDD EDF
 Special Instructions / Comments: Global ID
 *Please analyze for Get File (EPA 8015M)
 *Metals: cadmium, arsenic, beryllium, cadmium, lead, mercury, nickel, selenium, silver, & zinc
 See Terms and Conditions on reverse

2) Received by: [Signature] Time: 1715 Date: 10/10/14
 Signature: [Signature] Time: 1845 Date: 10/10/14
 Printed Name: Ed Morhuz
 Company: TA

3) Received by: [Signature] Time: 1715 Date: 10/10/14
 Signature: [Signature] Time: 1845 Date: 10/10/14
 Printed Name: Ed Morhuz
 Company: TA

3) Relinquished by: [Signature] Time: 1845 Date: 10/10/14
 Signature: [Signature] Time: 1845 Date: 10/10/14
 Printed Name: Ed Morhuz
 Company: TA



720-60514 Chain of Custody

Rev. 10/2012

Login Sample Receipt Checklist

Client: URS Corporation

Job Number: 720-60514-1

Login Number: 60514

List Source: TestAmerica Pleasanton

List Number: 1

Creator: Bullock, Tracy

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
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.	False	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	
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.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



Login Sample Receipt Checklist

Client: URS Corporation

Job Number: 720-60514-1

Login Number: 60514

List Number: 2

Creator: Kelsey, Shawn M

List Source: TestAmerica Chicago

List Creation: 10/14/14 11:54 AM

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are 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 containers received 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	
Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	



TestAmerica

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ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Pleasanton
1220 Quarry Lane
Pleasanton, CA 94566
Tel: (925)484-1919

TestAmerica Job ID: 720-60476-1
Client Project/Site: Philips San Jose

For:
URS Corporation
One Montgomery Street
Suite 900
San Francisco, California 94104-4538

Attn: Mr. Erik Skov



Authorized for release by:
10/20/2014 5:17:20 PM

Afsaneh Salimpour, Senior Project Manager
(925)484-1919
afsaneh.salimpour@testamericainc.com

LINKS

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results through
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Have a Question?



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www.testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60476-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
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.
F2	MS/MSD RPD exceeds control limits

GC/MS Semi VOA

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

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	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: Philips San Jose

TestAmerica Job ID: 720-60476-1

Job ID: 720-60476-1

Laboratory: TestAmerica Pleasanton

Narrative

Job Narrative 720-60476-1

Comments

No additional comments.

Receipt

The samples were received on 10/9/2014 5:45 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 1.4° C and 3.9° C.

Except:

The Chain-of-Custody (COC) was incomplete as received and/or improperly completed. Field Filtered is not noted on the COC, sample labels have Dissolved Metals written on them. Logged as previous project submissions as Dissolved (field filtered) Metals. Per Afsaneh Salimpour log Diesel samples for Jet Fuel instead.

GC/MS VOA

Method(s) 8260B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for batch #168998 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

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

GC/MS Semi VOA

Method(s) 8270C: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch #168961 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

GC Semi VOA

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

Metals

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

General Chemistry

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

Organic Prep

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: Philips San Jose

TestAmerica Job ID: 720-60476-1

Client Sample ID: PLSB-9

Lab Sample ID: 720-60476-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Zinc	0.033		0.020		mg/L	1		6010B	Dissolved

Client Sample ID: PLPB-1

Lab Sample ID: 720-60476-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Zinc	0.043		0.020		mg/L	1		6010B	Dissolved

Client Sample ID: PLPB-8

Lab Sample ID: 720-60476-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Zinc	0.020		0.020		mg/L	1		6010B	Dissolved

Client Sample ID: TB

Lab Sample ID: 720-60476-4

No Detections.

This Detection Summary does not include radiochemical test results.

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60476-1

Client Sample ID: PLSB-9

Lab Sample ID: 720-60476-1

Date Collected: 10/09/14 07:55

Matrix: Water

Date Received: 10/09/14 17:45

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			10/16/14 22:50	1
Acetone	ND		50		ug/L			10/16/14 22:50	1
Benzene	ND		0.50		ug/L			10/16/14 22:50	1
Dichlorobromomethane	ND		0.50		ug/L			10/16/14 22:50	1
Bromobenzene	ND		1.0		ug/L			10/16/14 22:50	1
Chlorobromomethane	ND		1.0		ug/L			10/16/14 22:50	1
Bromoform	ND		1.0		ug/L			10/16/14 22:50	1
Bromomethane	ND		1.0		ug/L			10/16/14 22:50	1
2-Butanone (MEK)	ND		50		ug/L			10/16/14 22:50	1
n-Butylbenzene	ND		1.0		ug/L			10/16/14 22:50	1
sec-Butylbenzene	ND		1.0		ug/L			10/16/14 22:50	1
tert-Butylbenzene	ND		1.0		ug/L			10/16/14 22:50	1
Carbon disulfide	ND		5.0		ug/L			10/16/14 22:50	1
Carbon tetrachloride	ND		0.50		ug/L			10/16/14 22:50	1
Chlorobenzene	ND		0.50		ug/L			10/16/14 22:50	1
Chloroethane	ND		1.0		ug/L			10/16/14 22:50	1
Chloroform	ND		1.0		ug/L			10/16/14 22:50	1
Chloromethane	ND		1.0		ug/L			10/16/14 22:50	1
2-Chlorotoluene	ND		0.50		ug/L			10/16/14 22:50	1
4-Chlorotoluene	ND		0.50		ug/L			10/16/14 22:50	1
Chlorodibromomethane	ND		0.50		ug/L			10/16/14 22:50	1
1,2-Dichlorobenzene	ND		0.50		ug/L			10/16/14 22:50	1
1,3-Dichlorobenzene	ND		0.50		ug/L			10/16/14 22:50	1
1,4-Dichlorobenzene	ND		0.50		ug/L			10/16/14 22:50	1
1,3-Dichloropropane	ND		1.0		ug/L			10/16/14 22:50	1
1,1-Dichloropropene	ND		0.50		ug/L			10/16/14 22:50	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			10/16/14 22:50	1
Ethylene Dibromide	ND		0.50		ug/L			10/16/14 22:50	1
Dibromomethane	ND		0.50		ug/L			10/16/14 22:50	1
Dichlorodifluoromethane	ND		0.50		ug/L			10/16/14 22:50	1
1,1-Dichloroethane	ND		0.50		ug/L			10/16/14 22:50	1
1,2-Dichloroethane	ND		0.50		ug/L			10/16/14 22:50	1
1,1-Dichloroethene	ND		0.50		ug/L			10/16/14 22:50	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			10/16/14 22:50	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			10/16/14 22:50	1
1,2-Dichloropropane	ND		0.50		ug/L			10/16/14 22:50	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			10/16/14 22:50	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			10/16/14 22:50	1
Ethylbenzene	ND		0.50		ug/L			10/16/14 22:50	1
Hexachlorobutadiene	ND		1.0		ug/L			10/16/14 22:50	1
2-Hexanone	ND		50		ug/L			10/16/14 22:50	1
Isopropylbenzene	ND		0.50		ug/L			10/16/14 22:50	1
4-Isopropyltoluene	ND		1.0		ug/L			10/16/14 22:50	1
Methylene Chloride	ND		5.0		ug/L			10/16/14 22:50	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			10/16/14 22:50	1
Naphthalene	ND		1.0		ug/L			10/16/14 22:50	1
N-Propylbenzene	ND		1.0		ug/L			10/16/14 22:50	1
Styrene	ND		0.50		ug/L			10/16/14 22:50	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			10/16/14 22:50	1

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60476-1

Client Sample ID: PLSB-9

Lab Sample ID: 720-60476-1

Date Collected: 10/09/14 07:55

Matrix: Water

Date Received: 10/09/14 17:45

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			10/16/14 22:50	1
Tetrachloroethene	ND		0.50		ug/L			10/16/14 22:50	1
Toluene	ND		0.50		ug/L			10/16/14 22:50	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			10/16/14 22:50	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			10/16/14 22:50	1
1,1,1-Trichloroethane	ND		0.50		ug/L			10/16/14 22:50	1
1,1,2-Trichloroethane	ND		0.50		ug/L			10/16/14 22:50	1
Trichloroethene	ND		0.50		ug/L			10/17/14 11:42	1
Trichlorofluoromethane	ND		1.0		ug/L			10/16/14 22:50	1
1,2,3-Trichloropropane	ND		0.50		ug/L			10/16/14 22:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			10/16/14 22:50	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			10/16/14 22:50	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			10/16/14 22:50	1
Vinyl acetate	ND		10		ug/L			10/16/14 22:50	1
Vinyl chloride	ND		0.50		ug/L			10/16/14 22:50	1
Xylenes, Total	ND		1.0		ug/L			10/16/14 22:50	1
2,2-Dichloropropane	ND		0.50		ug/L			10/16/14 22:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	98		67 - 130		10/16/14 22:50	1
4-Bromofluorobenzene	94		67 - 130		10/17/14 11:42	1
1,2-Dichloroethane-d4 (Surr)	96		72 - 130		10/16/14 22:50	1
1,2-Dichloroethane-d4 (Surr)	86		72 - 130		10/17/14 11:42	1
Toluene-d8 (Surr)	98		70 - 130		10/16/14 22:50	1
Toluene-d8 (Surr)	92		70 - 130		10/17/14 11:42	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		2.0		ug/L		10/14/14 10:04	10/15/14 23:10	1
Bis(2-chloroethyl)ether	ND		2.0		ug/L		10/14/14 10:04	10/15/14 23:10	1
2-Chlorophenol	ND		4.1		ug/L		10/14/14 10:04	10/15/14 23:10	1
1,3-Dichlorobenzene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 23:10	1
1,4-Dichlorobenzene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 23:10	1
Benzyl alcohol	ND		5.1		ug/L		10/14/14 10:04	10/15/14 23:10	1
1,2-Dichlorobenzene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 23:10	1
2-Methylphenol	ND		4.1		ug/L		10/14/14 10:04	10/15/14 23:10	1
4-Methylphenol	ND		8.1		ug/L		10/14/14 10:04	10/15/14 23:10	1
N-Nitrosodi-n-propylamine	ND		2.0		ug/L		10/14/14 10:04	10/15/14 23:10	1
Hexachloroethane	ND		2.0		ug/L		10/14/14 10:04	10/15/14 23:10	1
Nitrobenzene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 23:10	1
Isophorone	ND		4.1		ug/L		10/14/14 10:04	10/15/14 23:10	1
2-Nitrophenol	ND		2.0		ug/L		10/14/14 10:04	10/15/14 23:10	1
2,4-Dimethylphenol	ND		3.0		ug/L		10/14/14 10:04	10/15/14 23:10	1
Bis(2-chloroethoxy)methane	ND		5.1		ug/L		10/14/14 10:04	10/15/14 23:10	1
2,4-Dichlorophenol	ND		5.1		ug/L		10/14/14 10:04	10/15/14 23:10	1
1,2,4-Trichlorobenzene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 23:10	1
Naphthalene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 23:10	1
4-Chloroaniline	ND		2.0		ug/L		10/14/14 10:04	10/15/14 23:10	1
Hexachlorobutadiene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 23:10	1
4-Chloro-3-methylphenol	ND		5.1		ug/L		10/14/14 10:04	10/15/14 23:10	1

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60476-1

Client Sample ID: PLSB-9

Lab Sample ID: 720-60476-1

Date Collected: 10/09/14 07:55

Matrix: Water

Date Received: 10/09/14 17:45

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 23:10	1
Hexachlorocyclopentadiene	ND		5.1		ug/L		10/14/14 10:04	10/15/14 23:10	1
2,4,6-Trichlorophenol	ND		2.0		ug/L		10/14/14 10:04	10/15/14 23:10	1
2,4,5-Trichlorophenol	ND		4.1		ug/L		10/14/14 10:04	10/15/14 23:10	1
2-Chloronaphthalene	ND		4.1		ug/L		10/14/14 10:04	10/15/14 23:10	1
2-Nitroaniline	ND		10		ug/L		10/14/14 10:04	10/15/14 23:10	1
Dimethyl phthalate	ND		5.1		ug/L		10/14/14 10:04	10/15/14 23:10	1
Acenaphthylene	ND		4.1		ug/L		10/14/14 10:04	10/15/14 23:10	1
3-Nitroaniline	ND		5.1		ug/L		10/14/14 10:04	10/15/14 23:10	1
Acenaphthene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 23:10	1
2,4-Dinitrophenol	ND		10		ug/L		10/14/14 10:04	10/15/14 23:10	1
4-Nitrophenol	ND		10		ug/L		10/14/14 10:04	10/15/14 23:10	1
Dibenzofuran	ND		4.1		ug/L		10/14/14 10:04	10/15/14 23:10	1
2,4-Dinitrotoluene	ND		4.1		ug/L		10/14/14 10:04	10/15/14 23:10	1
2,6-Dinitrotoluene	ND		5.1		ug/L		10/14/14 10:04	10/15/14 23:10	1
Diethyl phthalate	ND		5.1		ug/L		10/14/14 10:04	10/15/14 23:10	1
4-Chlorophenyl phenyl ether	ND		5.1		ug/L		10/14/14 10:04	10/15/14 23:10	1
Fluorene	ND		4.1		ug/L		10/14/14 10:04	10/15/14 23:10	1
4-Nitroaniline	ND		10		ug/L		10/14/14 10:04	10/15/14 23:10	1
2-Methyl-4,6-dinitrophenol	ND		10		ug/L		10/14/14 10:04	10/15/14 23:10	1
N-Nitrosodiphenylamine	ND		2.0		ug/L		10/14/14 10:04	10/15/14 23:10	1
4-Bromophenyl phenyl ether	ND		5.1		ug/L		10/14/14 10:04	10/15/14 23:10	1
Hexachlorobenzene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 23:10	1
Pentachlorophenol	ND		10		ug/L		10/14/14 10:04	10/15/14 23:10	1
Phenanthrene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 23:10	1
Anthracene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 23:10	1
Di-n-butyl phthalate	ND		5.1		ug/L		10/14/14 10:04	10/15/14 23:10	1
Fluoranthene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 23:10	1
Pyrene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 23:10	1
Butyl benzyl phthalate	ND		5.1		ug/L		10/14/14 10:04	10/15/14 23:10	1
3,3'-Dichlorobenzidine	ND		5.1		ug/L		10/14/14 10:04	10/15/14 23:10	1
Benzo[a]anthracene	ND		5.1		ug/L		10/14/14 10:04	10/15/14 23:10	1
Bis(2-ethylhexyl) phthalate	ND		10		ug/L		10/14/14 10:04	10/15/14 23:10	1
Chrysene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 23:10	1
Di-n-octyl phthalate	ND		5.1		ug/L		10/14/14 10:04	10/15/14 23:10	1
Benzo[b]fluoranthene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 23:10	1
Benzo[a]pyrene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 23:10	1
Benzo[k]fluoranthene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 23:10	1
Indeno[1,2,3-cd]pyrene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 23:10	1
Benzo[g,h,i]perylene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 23:10	1
Benzoic acid	ND		10		ug/L		10/14/14 10:04	10/15/14 23:10	1
Azobenzene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 23:10	1
Dibenz(a,h)anthracene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 23:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	42		11 - 92	10/14/14 10:04	10/15/14 23:10	1
2-Fluorobiphenyl	39		10 - 101	10/14/14 10:04	10/15/14 23:10	1
Terphenyl-d14	76		34 - 128	10/14/14 10:04	10/15/14 23:10	1
2-Fluorophenol	16		10 - 65	10/14/14 10:04	10/15/14 23:10	1
Phenol-d5	10		10 - 46	10/14/14 10:04	10/15/14 23:10	1

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
 Project/Site: Philips San Jose

TestAmerica Job ID: 720-60476-1

Client Sample ID: PLSB-9

Lab Sample ID: 720-60476-1

Date Collected: 10/09/14 07:55

Matrix: Water

Date Received: 10/09/14 17:45

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	42		17 - 115	10/14/14 10:04	10/15/14 23:10	1

Method: 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.010		mg/L		10/14/14 17:46	10/15/14 16:56	1
Arsenic	ND		0.010		mg/L		10/14/14 17:46	10/15/14 16:56	1
Beryllium	ND		0.0020		mg/L		10/14/14 17:46	10/15/14 16:56	1
Cadmium	ND		0.0020		mg/L		10/14/14 17:46	10/15/14 16:56	1
Chromium	ND		0.010		mg/L		10/14/14 17:46	10/15/14 16:56	1
Copper	ND		0.020		mg/L		10/14/14 17:46	10/15/14 16:56	1
Lead	ND		0.0050		mg/L		10/14/14 17:46	10/15/14 16:56	1
Nickel	ND		0.010		mg/L		10/14/14 17:46	10/15/14 16:56	1
Selenium	ND		0.020		mg/L		10/14/14 17:46	10/15/14 16:56	1
Silver	ND		0.0050		mg/L		10/14/14 17:46	10/15/14 16:56	1
Zinc	0.033		0.020		mg/L		10/14/14 17:46	10/15/14 16:56	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		10/13/14 14:23	10/14/14 19:42	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010		mg/L		10/15/14 14:45	10/15/14 17:22	1

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60476-1

Client Sample ID: PLPB-1

Lab Sample ID: 720-60476-2

Date Collected: 10/09/14 10:10

Matrix: Water

Date Received: 10/09/14 17:45

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			10/17/14 02:17	1
Acetone	ND		50		ug/L			10/17/14 02:17	1
Benzene	ND		0.50		ug/L			10/17/14 02:17	1
Dichlorobromomethane	ND		0.50		ug/L			10/17/14 02:17	1
Bromobenzene	ND		1.0		ug/L			10/17/14 02:17	1
Chlorobromomethane	ND		1.0		ug/L			10/17/14 02:17	1
Bromoform	ND		1.0		ug/L			10/17/14 02:17	1
Bromomethane	ND		1.0		ug/L			10/17/14 02:17	1
2-Butanone (MEK)	ND		50		ug/L			10/17/14 02:17	1
n-Butylbenzene	ND		1.0		ug/L			10/17/14 02:17	1
sec-Butylbenzene	ND		1.0		ug/L			10/17/14 02:17	1
tert-Butylbenzene	ND		1.0		ug/L			10/17/14 02:17	1
Carbon disulfide	ND		5.0		ug/L			10/17/14 02:17	1
Carbon tetrachloride	ND		0.50		ug/L			10/17/14 02:17	1
Chlorobenzene	ND		0.50		ug/L			10/17/14 02:17	1
Chloroethane	ND		1.0		ug/L			10/17/14 02:17	1
Chloroform	ND		1.0		ug/L			10/17/14 02:17	1
Chloromethane	ND		1.0		ug/L			10/17/14 02:17	1
2-Chlorotoluene	ND		0.50		ug/L			10/17/14 02:17	1
4-Chlorotoluene	ND		0.50		ug/L			10/17/14 02:17	1
Chlorodibromomethane	ND		0.50		ug/L			10/17/14 02:17	1
1,2-Dichlorobenzene	ND		0.50		ug/L			10/17/14 02:17	1
1,3-Dichlorobenzene	ND		0.50		ug/L			10/17/14 02:17	1
1,4-Dichlorobenzene	ND		0.50		ug/L			10/17/14 02:17	1
1,3-Dichloropropane	ND		1.0		ug/L			10/17/14 02:17	1
1,1-Dichloropropene	ND		0.50		ug/L			10/17/14 02:17	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			10/17/14 02:17	1
Ethylene Dibromide	ND		0.50		ug/L			10/17/14 02:17	1
Dibromomethane	ND		0.50		ug/L			10/17/14 02:17	1
Dichlorodifluoromethane	ND		0.50		ug/L			10/17/14 02:17	1
1,1-Dichloroethane	ND		0.50		ug/L			10/17/14 02:17	1
1,2-Dichloroethane	ND		0.50		ug/L			10/17/14 02:17	1
1,1-Dichloroethene	ND		0.50		ug/L			10/17/14 02:17	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			10/17/14 02:17	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			10/17/14 02:17	1
1,2-Dichloropropane	ND		0.50		ug/L			10/17/14 02:17	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			10/17/14 02:17	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			10/17/14 02:17	1
Ethylbenzene	ND		0.50		ug/L			10/17/14 02:17	1
Hexachlorobutadiene	ND		1.0		ug/L			10/17/14 02:17	1
2-Hexanone	ND		50		ug/L			10/17/14 02:17	1
Isopropylbenzene	ND		0.50		ug/L			10/17/14 02:17	1
4-Isopropyltoluene	ND		1.0		ug/L			10/17/14 02:17	1
Methylene Chloride	ND		5.0		ug/L			10/17/14 02:17	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			10/17/14 02:17	1
Naphthalene	ND		1.0		ug/L			10/17/14 02:17	1
N-Propylbenzene	ND		1.0		ug/L			10/17/14 02:17	1
Styrene	ND		0.50		ug/L			10/17/14 02:17	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			10/17/14 02:17	1

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60476-1

Client Sample ID: PLPB-1

Lab Sample ID: 720-60476-2

Date Collected: 10/09/14 10:10

Matrix: Water

Date Received: 10/09/14 17:45

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			10/17/14 02:17	1
Tetrachloroethene	ND		0.50		ug/L			10/17/14 02:17	1
Toluene	ND		0.50		ug/L			10/17/14 02:17	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			10/17/14 02:17	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			10/17/14 02:17	1
1,1,1-Trichloroethane	ND		0.50		ug/L			10/17/14 02:17	1
1,1,2-Trichloroethane	ND		0.50		ug/L			10/17/14 02:17	1
Trichloroethene	ND		0.50		ug/L			10/17/14 02:17	1
Trichlorofluoromethane	ND		1.0		ug/L			10/17/14 02:17	1
1,2,3-Trichloropropane	ND		0.50		ug/L			10/17/14 02:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			10/17/14 02:17	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			10/17/14 02:17	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			10/17/14 02:17	1
Vinyl acetate	ND		10		ug/L			10/17/14 02:17	1
Vinyl chloride	ND		0.50		ug/L			10/17/14 02:17	1
Xylenes, Total	ND		1.0		ug/L			10/17/14 02:17	1
2,2-Dichloropropane	ND		0.50		ug/L			10/17/14 02:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	94		67 - 130		10/17/14 02:17	1
1,2-Dichloroethane-d4 (Surr)	92		72 - 130		10/17/14 02:17	1
Toluene-d8 (Surr)	93		70 - 130		10/17/14 02:17	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		2.0		ug/L		10/16/14 15:49	10/17/14 17:29	1
Bis(2-chloroethyl)ether	ND		2.0		ug/L		10/16/14 15:49	10/17/14 17:29	1
2-Chlorophenol	ND		4.0		ug/L		10/16/14 15:49	10/17/14 17:29	1
1,3-Dichlorobenzene	ND		2.0		ug/L		10/16/14 15:49	10/17/14 17:29	1
1,4-Dichlorobenzene	ND		2.0		ug/L		10/16/14 15:49	10/17/14 17:29	1
Benzyl alcohol	ND		5.1		ug/L		10/16/14 15:49	10/17/14 17:29	1
1,2-Dichlorobenzene	ND		2.0		ug/L		10/16/14 15:49	10/17/14 17:29	1
2-Methylphenol	ND		4.0		ug/L		10/16/14 15:49	10/17/14 17:29	1
4-Methylphenol	ND		8.1		ug/L		10/16/14 15:49	10/17/14 17:29	1
N-Nitrosodi-n-propylamine	ND		2.0		ug/L		10/16/14 15:49	10/17/14 17:29	1
Hexachloroethane	ND		2.0		ug/L		10/16/14 15:49	10/17/14 17:29	1
Nitrobenzene	ND		2.0		ug/L		10/16/14 15:49	10/17/14 17:29	1
Isophorone	ND		4.0		ug/L		10/16/14 15:49	10/17/14 17:29	1
2-Nitrophenol	ND		2.0		ug/L		10/16/14 15:49	10/17/14 17:29	1
2,4-Dimethylphenol	ND		3.0		ug/L		10/16/14 15:49	10/17/14 17:29	1
Bis(2-chloroethoxy)methane	ND		5.1		ug/L		10/16/14 15:49	10/17/14 17:29	1
2,4-Dichlorophenol	ND		5.1		ug/L		10/16/14 15:49	10/17/14 17:29	1
1,2,4-Trichlorobenzene	ND		2.0		ug/L		10/16/14 15:49	10/17/14 17:29	1
Naphthalene	ND		2.0		ug/L		10/16/14 15:49	10/17/14 17:29	1
4-Chloroaniline	ND		2.0		ug/L		10/16/14 15:49	10/17/14 17:29	1
Hexachlorobutadiene	ND		2.0		ug/L		10/16/14 15:49	10/17/14 17:29	1
4-Chloro-3-methylphenol	ND		5.1		ug/L		10/16/14 15:49	10/17/14 17:29	1
2-Methylnaphthalene	ND		2.0		ug/L		10/16/14 15:49	10/17/14 17:29	1
Hexachlorocyclopentadiene	ND		5.1		ug/L		10/16/14 15:49	10/17/14 17:29	1
2,4,6-Trichlorophenol	ND		2.0		ug/L		10/16/14 15:49	10/17/14 17:29	1

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60476-1

Client Sample ID: PLPB-1

Lab Sample ID: 720-60476-2

Date Collected: 10/09/14 10:10

Matrix: Water

Date Received: 10/09/14 17:45

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.0		ug/L		10/16/14 15:49	10/17/14 17:29	1
2-Chloronaphthalene	ND		4.0		ug/L		10/16/14 15:49	10/17/14 17:29	1
2-Nitroaniline	ND		10		ug/L		10/16/14 15:49	10/17/14 17:29	1
Dimethyl phthalate	ND		5.1		ug/L		10/16/14 15:49	10/17/14 17:29	1
Acenaphthylene	ND		4.0		ug/L		10/16/14 15:49	10/17/14 17:29	1
3-Nitroaniline	ND		5.1		ug/L		10/16/14 15:49	10/17/14 17:29	1
Acenaphthene	ND		2.0		ug/L		10/16/14 15:49	10/17/14 17:29	1
2,4-Dinitrophenol	ND		10		ug/L		10/16/14 15:49	10/17/14 17:29	1
4-Nitrophenol	ND		10		ug/L		10/16/14 15:49	10/17/14 17:29	1
Dibenzofuran	ND		4.0		ug/L		10/16/14 15:49	10/17/14 17:29	1
2,4-Dinitrotoluene	ND		4.0		ug/L		10/16/14 15:49	10/17/14 17:29	1
2,6-Dinitrotoluene	ND		5.1		ug/L		10/16/14 15:49	10/17/14 17:29	1
Diethyl phthalate	ND		5.1		ug/L		10/16/14 15:49	10/17/14 17:29	1
4-Chlorophenyl phenyl ether	ND		5.1		ug/L		10/16/14 15:49	10/17/14 17:29	1
Fluorene	ND		4.0		ug/L		10/16/14 15:49	10/17/14 17:29	1
4-Nitroaniline	ND		10		ug/L		10/16/14 15:49	10/17/14 17:29	1
2-Methyl-4,6-dinitrophenol	ND		10		ug/L		10/16/14 15:49	10/17/14 17:29	1
N-Nitrosodiphenylamine	ND		2.0		ug/L		10/16/14 15:49	10/17/14 17:29	1
4-Bromophenyl phenyl ether	ND		5.1		ug/L		10/16/14 15:49	10/17/14 17:29	1
Hexachlorobenzene	ND		2.0		ug/L		10/16/14 15:49	10/17/14 17:29	1
Pentachlorophenol	ND		10		ug/L		10/16/14 15:49	10/17/14 17:29	1
Phenanthrene	ND		2.0		ug/L		10/16/14 15:49	10/17/14 17:29	1
Anthracene	ND		2.0		ug/L		10/16/14 15:49	10/17/14 17:29	1
Di-n-butyl phthalate	ND		5.1		ug/L		10/16/14 15:49	10/17/14 17:29	1
Fluoranthene	ND		2.0		ug/L		10/16/14 15:49	10/17/14 17:29	1
Pyrene	ND		2.0		ug/L		10/16/14 15:49	10/17/14 17:29	1
Butyl benzyl phthalate	ND		5.1		ug/L		10/16/14 15:49	10/17/14 17:29	1
3,3'-Dichlorobenzidine	ND		5.1		ug/L		10/16/14 15:49	10/17/14 17:29	1
Benzo[a]anthracene	ND		5.1		ug/L		10/16/14 15:49	10/17/14 17:29	1
Bis(2-ethylhexyl) phthalate	ND		10		ug/L		10/16/14 15:49	10/17/14 17:29	1
Chrysene	ND		2.0		ug/L		10/16/14 15:49	10/17/14 17:29	1
Di-n-octyl phthalate	ND		5.1		ug/L		10/16/14 15:49	10/17/14 17:29	1
Benzo[b]fluoranthene	ND		2.0		ug/L		10/16/14 15:49	10/17/14 17:29	1
Benzo[a]pyrene	ND		2.0		ug/L		10/16/14 15:49	10/17/14 17:29	1
Benzo[k]fluoranthene	ND		2.0		ug/L		10/16/14 15:49	10/17/14 17:29	1
Indeno[1,2,3-cd]pyrene	ND		2.0		ug/L		10/16/14 15:49	10/17/14 17:29	1
Benzo[g,h,i]perylene	ND		2.0		ug/L		10/16/14 15:49	10/17/14 17:29	1
Benzoic acid	ND		10		ug/L		10/16/14 15:49	10/17/14 17:29	1
Azobenzene	ND		2.0		ug/L		10/16/14 15:49	10/17/14 17:29	1
Dibenz(a,h)anthracene	ND		2.0		ug/L		10/16/14 15:49	10/17/14 17:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	49		11 - 92	10/16/14 15:49	10/17/14 17:29	1
2-Fluorobiphenyl	46		10 - 101	10/16/14 15:49	10/17/14 17:29	1
Terphenyl-d14	58		34 - 128	10/16/14 15:49	10/17/14 17:29	1
2-Fluorophenol	27		10 - 65	10/16/14 15:49	10/17/14 17:29	1
Phenol-d5	14		10 - 46	10/16/14 15:49	10/17/14 17:29	1
2,4,6-Tribromophenol	49		17 - 115	10/16/14 15:49	10/17/14 17:29	1

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60476-1

Client Sample ID: PLPB-1

Lab Sample ID: 720-60476-2

Date Collected: 10/09/14 10:10

Matrix: Water

Date Received: 10/09/14 17:45

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Jet Fuel Range Organics [C9-C19]	ND		50		ug/L		10/15/14 18:40	10/16/14 11:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>p-Terphenyl</i>	76		23 - 156				10/15/14 18:40	10/16/14 11:20	1

Method: 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.010		mg/L		10/14/14 17:46	10/15/14 17:00	1
Arsenic	ND		0.010		mg/L		10/14/14 17:46	10/15/14 17:00	1
Beryllium	ND		0.0020		mg/L		10/14/14 17:46	10/15/14 17:00	1
Cadmium	ND		0.0020		mg/L		10/14/14 17:46	10/15/14 17:00	1
Chromium	ND		0.010		mg/L		10/14/14 17:46	10/15/14 17:00	1
Copper	ND		0.020		mg/L		10/14/14 17:46	10/15/14 17:00	1
Lead	ND		0.0050		mg/L		10/14/14 17:46	10/15/14 17:00	1
Nickel	ND		0.010		mg/L		10/14/14 17:46	10/15/14 17:00	1
Selenium	ND		0.020		mg/L		10/14/14 17:46	10/15/14 17:00	1
Silver	ND		0.0050		mg/L		10/14/14 17:46	10/15/14 17:00	1
Zinc	0.043		0.020		mg/L		10/14/14 17:46	10/15/14 17:00	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		10/13/14 14:23	10/14/14 19:45	1

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60476-1

Client Sample ID: PLPB-8

Lab Sample ID: 720-60476-3

Date Collected: 10/09/14 11:15

Matrix: Water

Date Received: 10/09/14 17:45

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			10/17/14 02:49	1
Acetone	ND		50		ug/L			10/17/14 02:49	1
Benzene	ND		0.50		ug/L			10/17/14 02:49	1
Dichlorobromomethane	ND		0.50		ug/L			10/17/14 02:49	1
Bromobenzene	ND		1.0		ug/L			10/17/14 02:49	1
Chlorobromomethane	ND		1.0		ug/L			10/17/14 02:49	1
Bromoform	ND		1.0		ug/L			10/17/14 02:49	1
Bromomethane	ND		1.0		ug/L			10/17/14 02:49	1
2-Butanone (MEK)	ND		50		ug/L			10/17/14 02:49	1
n-Butylbenzene	ND		1.0		ug/L			10/17/14 02:49	1
sec-Butylbenzene	ND		1.0		ug/L			10/17/14 02:49	1
tert-Butylbenzene	ND		1.0		ug/L			10/17/14 02:49	1
Carbon disulfide	ND		5.0		ug/L			10/17/14 02:49	1
Carbon tetrachloride	ND		0.50		ug/L			10/17/14 02:49	1
Chlorobenzene	ND		0.50		ug/L			10/17/14 02:49	1
Chloroethane	ND		1.0		ug/L			10/17/14 02:49	1
Chloroform	ND		1.0		ug/L			10/17/14 02:49	1
Chloromethane	ND		1.0		ug/L			10/17/14 02:49	1
2-Chlorotoluene	ND		0.50		ug/L			10/17/14 02:49	1
4-Chlorotoluene	ND		0.50		ug/L			10/17/14 02:49	1
Chlorodibromomethane	ND		0.50		ug/L			10/17/14 02:49	1
1,2-Dichlorobenzene	ND		0.50		ug/L			10/17/14 02:49	1
1,3-Dichlorobenzene	ND		0.50		ug/L			10/17/14 02:49	1
1,4-Dichlorobenzene	ND		0.50		ug/L			10/17/14 02:49	1
1,3-Dichloropropane	ND		1.0		ug/L			10/17/14 02:49	1
1,1-Dichloropropene	ND		0.50		ug/L			10/17/14 02:49	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			10/17/14 02:49	1
Ethylene Dibromide	ND		0.50		ug/L			10/17/14 02:49	1
Dibromomethane	ND		0.50		ug/L			10/17/14 02:49	1
Dichlorodifluoromethane	ND		0.50		ug/L			10/17/14 02:49	1
1,1-Dichloroethane	ND		0.50		ug/L			10/17/14 02:49	1
1,2-Dichloroethane	ND		0.50		ug/L			10/17/14 02:49	1
1,1-Dichloroethene	ND		0.50		ug/L			10/17/14 02:49	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			10/17/14 02:49	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			10/17/14 02:49	1
1,2-Dichloropropane	ND		0.50		ug/L			10/17/14 02:49	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			10/17/14 02:49	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			10/17/14 02:49	1
Ethylbenzene	ND		0.50		ug/L			10/17/14 02:49	1
Hexachlorobutadiene	ND		1.0		ug/L			10/17/14 02:49	1
2-Hexanone	ND		50		ug/L			10/17/14 02:49	1
Isopropylbenzene	ND		0.50		ug/L			10/17/14 02:49	1
4-Isopropyltoluene	ND		1.0		ug/L			10/17/14 02:49	1
Methylene Chloride	ND		5.0		ug/L			10/17/14 02:49	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			10/17/14 02:49	1
Naphthalene	ND		1.0		ug/L			10/17/14 02:49	1
N-Propylbenzene	ND		1.0		ug/L			10/17/14 02:49	1
Styrene	ND		0.50		ug/L			10/17/14 02:49	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			10/17/14 02:49	1

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60476-1

Client Sample ID: PLPB-8

Lab Sample ID: 720-60476-3

Date Collected: 10/09/14 11:15

Matrix: Water

Date Received: 10/09/14 17:45

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			10/17/14 02:49	1
Tetrachloroethene	ND		0.50		ug/L			10/17/14 02:49	1
Toluene	ND		0.50		ug/L			10/17/14 02:49	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			10/17/14 02:49	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			10/17/14 02:49	1
1,1,1-Trichloroethane	ND		0.50		ug/L			10/17/14 02:49	1
1,1,2-Trichloroethane	ND		0.50		ug/L			10/17/14 02:49	1
Trichloroethene	ND		0.50		ug/L			10/17/14 02:49	1
Trichlorofluoromethane	ND		1.0		ug/L			10/17/14 02:49	1
1,2,3-Trichloropropane	ND		0.50		ug/L			10/17/14 02:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			10/17/14 02:49	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			10/17/14 02:49	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			10/17/14 02:49	1
Vinyl acetate	ND		10		ug/L			10/17/14 02:49	1
Vinyl chloride	ND		0.50		ug/L			10/17/14 02:49	1
Xylenes, Total	ND		1.0		ug/L			10/17/14 02:49	1
2,2-Dichloropropane	ND		0.50		ug/L			10/17/14 02:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	91		67 - 130		10/17/14 02:49	1
1,2-Dichloroethane-d4 (Surr)	87		72 - 130		10/17/14 02:49	1
Toluene-d8 (Surr)	92		70 - 130		10/17/14 02:49	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		2.0		ug/L		10/14/14 14:03	10/15/14 23:58	1
Bis(2-chloroethyl)ether	ND		2.0		ug/L		10/14/14 14:03	10/15/14 23:58	1
2-Chlorophenol	ND		4.1		ug/L		10/14/14 14:03	10/15/14 23:58	1
1,3-Dichlorobenzene	ND		2.0		ug/L		10/14/14 14:03	10/15/14 23:58	1
1,4-Dichlorobenzene	ND		2.0		ug/L		10/14/14 14:03	10/15/14 23:58	1
Benzyl alcohol	ND		5.1		ug/L		10/14/14 14:03	10/15/14 23:58	1
1,2-Dichlorobenzene	ND		2.0		ug/L		10/14/14 14:03	10/15/14 23:58	1
2-Methylphenol	ND		4.1		ug/L		10/14/14 14:03	10/15/14 23:58	1
4-Methylphenol	ND		8.1		ug/L		10/14/14 14:03	10/15/14 23:58	1
N-Nitrosodi-n-propylamine	ND		2.0		ug/L		10/14/14 14:03	10/15/14 23:58	1
Hexachloroethane	ND		2.0		ug/L		10/14/14 14:03	10/15/14 23:58	1
Nitrobenzene	ND		2.0		ug/L		10/14/14 14:03	10/15/14 23:58	1
Isophorone	ND		4.1		ug/L		10/14/14 14:03	10/15/14 23:58	1
2-Nitrophenol	ND		2.0		ug/L		10/14/14 14:03	10/15/14 23:58	1
2,4-Dimethylphenol	ND		3.0		ug/L		10/14/14 14:03	10/15/14 23:58	1
Bis(2-chloroethoxy)methane	ND		5.1		ug/L		10/14/14 14:03	10/15/14 23:58	1
2,4-Dichlorophenol	ND		5.1		ug/L		10/14/14 14:03	10/15/14 23:58	1
1,2,4-Trichlorobenzene	ND		2.0		ug/L		10/14/14 14:03	10/15/14 23:58	1
Naphthalene	ND		2.0		ug/L		10/14/14 14:03	10/15/14 23:58	1
4-Chloroaniline	ND		2.0		ug/L		10/14/14 14:03	10/15/14 23:58	1
Hexachlorobutadiene	ND		2.0		ug/L		10/14/14 14:03	10/15/14 23:58	1
4-Chloro-3-methylphenol	ND		5.1		ug/L		10/14/14 14:03	10/15/14 23:58	1
2-Methylnaphthalene	ND		2.0		ug/L		10/14/14 14:03	10/15/14 23:58	1
Hexachlorocyclopentadiene	ND		5.1		ug/L		10/14/14 14:03	10/15/14 23:58	1
2,4,6-Trichlorophenol	ND		2.0		ug/L		10/14/14 14:03	10/15/14 23:58	1

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60476-1

Client Sample ID: PLPB-8

Lab Sample ID: 720-60476-3

Date Collected: 10/09/14 11:15

Matrix: Water

Date Received: 10/09/14 17:45

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.1		ug/L		10/14/14 14:03	10/15/14 23:58	1
2-Chloronaphthalene	ND		4.1		ug/L		10/14/14 14:03	10/15/14 23:58	1
2-Nitroaniline	ND		10		ug/L		10/14/14 14:03	10/15/14 23:58	1
Dimethyl phthalate	ND		5.1		ug/L		10/14/14 14:03	10/15/14 23:58	1
Acenaphthylene	ND		4.1		ug/L		10/14/14 14:03	10/15/14 23:58	1
3-Nitroaniline	ND		5.1		ug/L		10/14/14 14:03	10/15/14 23:58	1
Acenaphthene	ND		2.0		ug/L		10/14/14 14:03	10/15/14 23:58	1
2,4-Dinitrophenol	ND		10		ug/L		10/14/14 14:03	10/15/14 23:58	1
4-Nitrophenol	ND		10		ug/L		10/14/14 14:03	10/15/14 23:58	1
Dibenzofuran	ND		4.1		ug/L		10/14/14 14:03	10/15/14 23:58	1
2,4-Dinitrotoluene	ND		4.1		ug/L		10/14/14 14:03	10/15/14 23:58	1
2,6-Dinitrotoluene	ND		5.1		ug/L		10/14/14 14:03	10/15/14 23:58	1
Diethyl phthalate	ND		5.1		ug/L		10/14/14 14:03	10/15/14 23:58	1
4-Chlorophenyl phenyl ether	ND		5.1		ug/L		10/14/14 14:03	10/15/14 23:58	1
Fluorene	ND		4.1		ug/L		10/14/14 14:03	10/15/14 23:58	1
4-Nitroaniline	ND		10		ug/L		10/14/14 14:03	10/15/14 23:58	1
2-Methyl-4,6-dinitrophenol	ND		10		ug/L		10/14/14 14:03	10/15/14 23:58	1
N-Nitrosodiphenylamine	ND		2.0		ug/L		10/14/14 14:03	10/15/14 23:58	1
4-Bromophenyl phenyl ether	ND		5.1		ug/L		10/14/14 14:03	10/15/14 23:58	1
Hexachlorobenzene	ND		2.0		ug/L		10/14/14 14:03	10/15/14 23:58	1
Pentachlorophenol	ND		10		ug/L		10/14/14 14:03	10/15/14 23:58	1
Phenanthrene	ND		2.0		ug/L		10/14/14 14:03	10/15/14 23:58	1
Anthracene	ND		2.0		ug/L		10/14/14 14:03	10/15/14 23:58	1
Di-n-butyl phthalate	ND		5.1		ug/L		10/14/14 14:03	10/15/14 23:58	1
Fluoranthene	ND		2.0		ug/L		10/14/14 14:03	10/15/14 23:58	1
Pyrene	ND		2.0		ug/L		10/14/14 14:03	10/15/14 23:58	1
Butyl benzyl phthalate	ND		5.1		ug/L		10/14/14 14:03	10/15/14 23:58	1
3,3'-Dichlorobenzidine	ND		5.1		ug/L		10/14/14 14:03	10/15/14 23:58	1
Benzo[a]anthracene	ND		5.1		ug/L		10/14/14 14:03	10/15/14 23:58	1
Bis(2-ethylhexyl) phthalate	ND		10		ug/L		10/14/14 14:03	10/15/14 23:58	1
Chrysene	ND		2.0		ug/L		10/14/14 14:03	10/15/14 23:58	1
Di-n-octyl phthalate	ND		5.1		ug/L		10/14/14 14:03	10/15/14 23:58	1
Benzo[b]fluoranthene	ND		2.0		ug/L		10/14/14 14:03	10/15/14 23:58	1
Benzo[a]pyrene	ND		2.0		ug/L		10/14/14 14:03	10/15/14 23:58	1
Benzo[k]fluoranthene	ND		2.0		ug/L		10/14/14 14:03	10/15/14 23:58	1
Indeno[1,2,3-cd]pyrene	ND		2.0		ug/L		10/14/14 14:03	10/15/14 23:58	1
Benzo[g,h,i]perylene	ND		2.0		ug/L		10/14/14 14:03	10/15/14 23:58	1
Benzoic acid	ND		10		ug/L		10/14/14 14:03	10/15/14 23:58	1
Azobenzene	ND		2.0		ug/L		10/14/14 14:03	10/15/14 23:58	1
Dibenz(a,h)anthracene	ND		2.0		ug/L		10/14/14 14:03	10/15/14 23:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	63		11 - 92	10/14/14 14:03	10/15/14 23:58	1
2-Fluorobiphenyl	63		10 - 101	10/14/14 14:03	10/15/14 23:58	1
Terphenyl-d14	96		34 - 128	10/14/14 14:03	10/15/14 23:58	1
2-Fluorophenol	28		10 - 65	10/14/14 14:03	10/15/14 23:58	1
Phenol-d5	16		10 - 46	10/14/14 14:03	10/15/14 23:58	1
2,4,6-Tribromophenol	65		17 - 115	10/14/14 14:03	10/15/14 23:58	1

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60476-1

Client Sample ID: PLPB-8

Lab Sample ID: 720-60476-3

Date Collected: 10/09/14 11:15

Matrix: Water

Date Received: 10/09/14 17:45

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Jet Fuel Range Organics [C9-C19]	ND		50		ug/L		10/15/14 18:40	10/16/14 11:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
p-Terphenyl	76		23 - 156				10/15/14 18:40	10/16/14 11:49	1

Method: 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.010		mg/L		10/14/14 17:46	10/15/14 17:05	1
Arsenic	ND		0.010		mg/L		10/14/14 17:46	10/15/14 17:05	1
Beryllium	ND		0.0020		mg/L		10/14/14 17:46	10/15/14 17:05	1
Cadmium	ND		0.0020		mg/L		10/14/14 17:46	10/15/14 17:05	1
Chromium	ND		0.010		mg/L		10/14/14 17:46	10/15/14 17:05	1
Copper	ND		0.020		mg/L		10/14/14 17:46	10/15/14 17:05	1
Lead	ND		0.0050		mg/L		10/14/14 17:46	10/15/14 17:05	1
Nickel	ND		0.010		mg/L		10/14/14 17:46	10/15/14 17:05	1
Selenium	ND		0.020		mg/L		10/14/14 17:46	10/15/14 17:05	1
Silver	ND		0.0050		mg/L		10/14/14 17:46	10/15/14 17:05	1
Zinc	0.020		0.020		mg/L		10/14/14 17:46	10/15/14 17:05	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		10/13/14 14:23	10/14/14 19:48	1

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60476-1

Client Sample ID: TB

Lab Sample ID: 720-60476-4

Date Collected: 10/09/14 00:00

Matrix: Water

Date Received: 10/09/14 17:45

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			10/17/14 01:46	1
Acetone	ND		50		ug/L			10/17/14 01:46	1
Benzene	ND		0.50		ug/L			10/17/14 01:46	1
Dichlorobromomethane	ND		0.50		ug/L			10/17/14 01:46	1
Bromobenzene	ND		1.0		ug/L			10/17/14 01:46	1
Chlorobromomethane	ND		1.0		ug/L			10/17/14 01:46	1
Bromoform	ND		1.0		ug/L			10/17/14 01:46	1
Bromomethane	ND		1.0		ug/L			10/17/14 01:46	1
2-Butanone (MEK)	ND		50		ug/L			10/17/14 01:46	1
n-Butylbenzene	ND		1.0		ug/L			10/17/14 01:46	1
sec-Butylbenzene	ND		1.0		ug/L			10/17/14 01:46	1
tert-Butylbenzene	ND		1.0		ug/L			10/17/14 01:46	1
Carbon disulfide	ND		5.0		ug/L			10/17/14 01:46	1
Carbon tetrachloride	ND		0.50		ug/L			10/17/14 01:46	1
Chlorobenzene	ND		0.50		ug/L			10/17/14 01:46	1
Chloroethane	ND		1.0		ug/L			10/17/14 01:46	1
Chloroform	ND		1.0		ug/L			10/17/14 01:46	1
Chloromethane	ND		1.0		ug/L			10/17/14 01:46	1
2-Chlorotoluene	ND		0.50		ug/L			10/17/14 01:46	1
4-Chlorotoluene	ND		0.50		ug/L			10/17/14 01:46	1
Chlorodibromomethane	ND		0.50		ug/L			10/17/14 01:46	1
1,2-Dichlorobenzene	ND		0.50		ug/L			10/17/14 01:46	1
1,3-Dichlorobenzene	ND		0.50		ug/L			10/17/14 01:46	1
1,4-Dichlorobenzene	ND		0.50		ug/L			10/17/14 01:46	1
1,3-Dichloropropane	ND		1.0		ug/L			10/17/14 01:46	1
1,1-Dichloropropene	ND		0.50		ug/L			10/17/14 01:46	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			10/17/14 01:46	1
Ethylene Dibromide	ND		0.50		ug/L			10/17/14 01:46	1
Dibromomethane	ND		0.50		ug/L			10/17/14 01:46	1
Dichlorodifluoromethane	ND		0.50		ug/L			10/17/14 01:46	1
1,1-Dichloroethane	ND		0.50		ug/L			10/17/14 01:46	1
1,2-Dichloroethane	ND		0.50		ug/L			10/17/14 01:46	1
1,1-Dichloroethene	ND		0.50		ug/L			10/17/14 01:46	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			10/17/14 01:46	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			10/17/14 01:46	1
1,2-Dichloropropane	ND		0.50		ug/L			10/17/14 01:46	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			10/17/14 01:46	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			10/17/14 01:46	1
Ethylbenzene	ND		0.50		ug/L			10/17/14 01:46	1
Hexachlorobutadiene	ND		1.0		ug/L			10/17/14 01:46	1
2-Hexanone	ND		50		ug/L			10/17/14 01:46	1
Isopropylbenzene	ND		0.50		ug/L			10/17/14 01:46	1
4-Isopropyltoluene	ND		1.0		ug/L			10/17/14 01:46	1
Methylene Chloride	ND		5.0		ug/L			10/17/14 01:46	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			10/17/14 01:46	1
Naphthalene	ND		1.0		ug/L			10/17/14 01:46	1
N-Propylbenzene	ND		1.0		ug/L			10/17/14 01:46	1
Styrene	ND		0.50		ug/L			10/17/14 01:46	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			10/17/14 01:46	1

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60476-1

Client Sample ID: TB

Lab Sample ID: 720-60476-4

Date Collected: 10/09/14 00:00

Matrix: Water

Date Received: 10/09/14 17:45

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			10/17/14 01:46	1
Tetrachloroethene	ND		0.50		ug/L			10/17/14 01:46	1
Toluene	ND		0.50		ug/L			10/17/14 01:46	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			10/17/14 01:46	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			10/17/14 01:46	1
1,1,1-Trichloroethane	ND		0.50		ug/L			10/17/14 01:46	1
1,1,2-Trichloroethane	ND		0.50		ug/L			10/17/14 01:46	1
Trichloroethene	ND		0.50		ug/L			10/17/14 01:46	1
Trichlorofluoromethane	ND		1.0		ug/L			10/17/14 01:46	1
1,2,3-Trichloropropane	ND		0.50		ug/L			10/17/14 01:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			10/17/14 01:46	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			10/17/14 01:46	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			10/17/14 01:46	1
Vinyl acetate	ND		10		ug/L			10/17/14 01:46	1
Vinyl chloride	ND		0.50		ug/L			10/17/14 01:46	1
Xylenes, Total	ND		1.0		ug/L			10/17/14 01:46	1
2,2-Dichloropropane	ND		0.50		ug/L			10/17/14 01:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	95		67 - 130		10/17/14 01:46	1
1,2-Dichloroethane-d4 (Surr)	88		72 - 130		10/17/14 01:46	1
Toluene-d8 (Surr)	93		70 - 130		10/17/14 01:46	1

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60476-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 720-168960/5

Matrix: Water

Analysis Batch: 168960

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			10/16/14 12:51	1
Acetone	ND		50		ug/L			10/16/14 12:51	1
Benzene	ND		0.50		ug/L			10/16/14 12:51	1
Dichlorobromomethane	ND		0.50		ug/L			10/16/14 12:51	1
Bromobenzene	ND		1.0		ug/L			10/16/14 12:51	1
Chlorobromomethane	ND		1.0		ug/L			10/16/14 12:51	1
Bromoform	ND		1.0		ug/L			10/16/14 12:51	1
Bromomethane	ND		1.0		ug/L			10/16/14 12:51	1
2-Butanone (MEK)	ND		50		ug/L			10/16/14 12:51	1
n-Butylbenzene	ND		1.0		ug/L			10/16/14 12:51	1
sec-Butylbenzene	ND		1.0		ug/L			10/16/14 12:51	1
tert-Butylbenzene	ND		1.0		ug/L			10/16/14 12:51	1
Carbon disulfide	ND		5.0		ug/L			10/16/14 12:51	1
Carbon tetrachloride	ND		0.50		ug/L			10/16/14 12:51	1
Chlorobenzene	ND		0.50		ug/L			10/16/14 12:51	1
Chloroethane	ND		1.0		ug/L			10/16/14 12:51	1
Chloroform	ND		1.0		ug/L			10/16/14 12:51	1
Chloromethane	ND		1.0		ug/L			10/16/14 12:51	1
2-Chlorotoluene	ND		0.50		ug/L			10/16/14 12:51	1
4-Chlorotoluene	ND		0.50		ug/L			10/16/14 12:51	1
Chlorodibromomethane	ND		0.50		ug/L			10/16/14 12:51	1
1,2-Dichlorobenzene	ND		0.50		ug/L			10/16/14 12:51	1
1,3-Dichlorobenzene	ND		0.50		ug/L			10/16/14 12:51	1
1,4-Dichlorobenzene	ND		0.50		ug/L			10/16/14 12:51	1
1,3-Dichloropropane	ND		1.0		ug/L			10/16/14 12:51	1
1,1-Dichloropropene	ND		0.50		ug/L			10/16/14 12:51	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			10/16/14 12:51	1
Ethylene Dibromide	ND		0.50		ug/L			10/16/14 12:51	1
Dibromomethane	ND		0.50		ug/L			10/16/14 12:51	1
Dichlorodifluoromethane	ND		0.50		ug/L			10/16/14 12:51	1
1,1-Dichloroethane	ND		0.50		ug/L			10/16/14 12:51	1
1,2-Dichloroethane	ND		0.50		ug/L			10/16/14 12:51	1
1,1-Dichloroethene	ND		0.50		ug/L			10/16/14 12:51	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			10/16/14 12:51	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			10/16/14 12:51	1
1,2-Dichloropropane	ND		0.50		ug/L			10/16/14 12:51	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			10/16/14 12:51	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			10/16/14 12:51	1
Ethylbenzene	ND		0.50		ug/L			10/16/14 12:51	1
Hexachlorobutadiene	ND		1.0		ug/L			10/16/14 12:51	1
2-Hexanone	ND		50		ug/L			10/16/14 12:51	1
Isopropylbenzene	ND		0.50		ug/L			10/16/14 12:51	1
4-Isopropyltoluene	ND		1.0		ug/L			10/16/14 12:51	1
Methylene Chloride	ND		5.0		ug/L			10/16/14 12:51	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			10/16/14 12:51	1
Naphthalene	ND		1.0		ug/L			10/16/14 12:51	1
N-Propylbenzene	ND		1.0		ug/L			10/16/14 12:51	1
Styrene	ND		0.50		ug/L			10/16/14 12:51	1

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60476-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 720-168960/5

Matrix: Water

Analysis Batch: 168960

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			10/16/14 12:51	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			10/16/14 12:51	1
Tetrachloroethene	ND		0.50		ug/L			10/16/14 12:51	1
Toluene	ND		0.50		ug/L			10/16/14 12:51	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			10/16/14 12:51	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			10/16/14 12:51	1
1,1,1-Trichloroethane	ND		0.50		ug/L			10/16/14 12:51	1
1,1,2-Trichloroethane	ND		0.50		ug/L			10/16/14 12:51	1
Trichloroethene	ND		0.50		ug/L			10/16/14 12:51	1
Trichlorofluoromethane	ND		1.0		ug/L			10/16/14 12:51	1
1,2,3-Trichloropropane	ND		0.50		ug/L			10/16/14 12:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			10/16/14 12:51	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			10/16/14 12:51	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			10/16/14 12:51	1
Vinyl acetate	ND		10		ug/L			10/16/14 12:51	1
Vinyl chloride	ND		0.50		ug/L			10/16/14 12:51	1
Xylenes, Total	ND		1.0		ug/L			10/16/14 12:51	1
2,2-Dichloropropane	ND		0.50		ug/L			10/16/14 12:51	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	99		67 - 130		10/16/14 12:51	1
1,2-Dichloroethane-d4 (Surr)	91		72 - 130		10/16/14 12:51	1
Toluene-d8 (Surr)	99		70 - 130		10/16/14 12:51	1

Lab Sample ID: LCS 720-168960/13

Matrix: Water

Analysis Batch: 168960

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl tert-butyl ether	25.0	26.8		ug/L		107	62 - 130
Acetone	125	118		ug/L		94	26 - 180
Benzene	25.0	27.1		ug/L		108	79 - 130
Dichlorobromomethane	25.0	28.2		ug/L		113	70 - 130
Bromobenzene	25.0	26.5		ug/L		106	70 - 130
Chlorobromomethane	25.0	26.0		ug/L		104	70 - 130
Bromoform	25.0	24.4		ug/L		98	68 - 136
Bromomethane	25.0	24.7		ug/L		99	43 - 151
2-Butanone (MEK)	125	127		ug/L		101	54 - 130
n-Butylbenzene	25.0	27.6		ug/L		111	70 - 142
sec-Butylbenzene	25.0	28.1		ug/L		113	70 - 134
tert-Butylbenzene	25.0	28.5		ug/L		114	70 - 135
Carbon disulfide	25.0	25.1		ug/L		100	58 - 130
Carbon tetrachloride	25.0	29.5		ug/L		118	70 - 146
Chlorobenzene	25.0	27.1		ug/L		109	70 - 130
Chloroethane	25.0	25.5		ug/L		102	62 - 138
Chloroform	25.0	26.8		ug/L		107	70 - 130
Chloromethane	25.0	24.7		ug/L		99	52 - 175
2-Chlorotoluene	25.0	27.6		ug/L		111	70 - 130

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60476-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 720-168960/13

Matrix: Water

Analysis Batch: 168960

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4-Chlorotoluene	25.0	27.3		ug/L		109	70 - 130
Chlorodibromomethane	25.0	28.7		ug/L		115	70 - 145
1,2-Dichlorobenzene	25.0	26.4		ug/L		106	70 - 130
1,3-Dichlorobenzene	25.0	26.5		ug/L		106	70 - 130
1,4-Dichlorobenzene	25.0	26.5		ug/L		106	70 - 130
1,3-Dichloropropane	25.0	27.4		ug/L		110	70 - 130
1,1-Dichloropropene	25.0	29.8		ug/L		119	70 - 130
1,2-Dibromo-3-Chloropropane	25.0	28.2		ug/L		113	70 - 136
Ethylene Dibromide	25.0	27.4		ug/L		110	70 - 130
Dibromomethane	25.0	26.6		ug/L		106	70 - 130
Dichlorodifluoromethane	25.0	25.5		ug/L		102	34 - 132
1,1-Dichloroethane	25.0	27.5		ug/L		110	70 - 130
1,2-Dichloroethane	25.0	26.3		ug/L		105	61 - 132
1,1-Dichloroethene	25.0	24.2		ug/L		97	64 - 128
cis-1,2-Dichloroethene	25.0	27.0		ug/L		108	70 - 130
trans-1,2-Dichloroethene	25.0	25.8		ug/L		103	68 - 130
1,2-Dichloropropane	25.0	27.5		ug/L		110	70 - 130
cis-1,3-Dichloropropene	25.0	30.2		ug/L		121	70 - 130
trans-1,3-Dichloropropene	25.0	31.9		ug/L		127	70 - 140
Ethylbenzene	25.0	27.2		ug/L		109	80 - 120
Hexachlorobutadiene	25.0	27.1		ug/L		108	70 - 130
2-Hexanone	125	127		ug/L		102	60 - 164
Isopropylbenzene	25.0	27.8		ug/L		111	70 - 130
4-Isopropyltoluene	25.0	27.5		ug/L		110	70 - 130
Methylene Chloride	25.0	24.5		ug/L		98	70 - 147
4-Methyl-2-pentanone (MIBK)	125	130		ug/L		104	58 - 130
Naphthalene	25.0	27.6		ug/L		111	70 - 130
N-Propylbenzene	25.0	27.8		ug/L		111	70 - 130
Styrene	25.0	27.5		ug/L		110	70 - 130
1,1,1,2-Tetrachloroethane	25.0	27.4		ug/L		109	70 - 130
1,1,2,2-Tetrachloroethane	25.0	28.0		ug/L		112	70 - 130
Tetrachloroethene	25.0	27.8		ug/L		111	70 - 130
Toluene	25.0	27.5		ug/L		110	78 - 120
1,2,3-Trichlorobenzene	25.0	26.5		ug/L		106	70 - 130
1,2,4-Trichlorobenzene	25.0	26.8		ug/L		107	70 - 130
1,1,1-Trichloroethane	25.0	28.1		ug/L		113	70 - 130
1,1,2-Trichloroethane	25.0	26.9		ug/L		107	70 - 130
Trichloroethene	25.0	27.7		ug/L		111	70 - 130
Trichlorofluoromethane	25.0	25.9		ug/L		103	66 - 132
1,2,3-Trichloropropane	25.0	27.4		ug/L		110	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	25.8		ug/L		103	42 - 162
1,2,4-Trimethylbenzene	25.0	27.0		ug/L		108	70 - 132
1,3,5-Trimethylbenzene	25.0	27.8		ug/L		111	70 - 130
Vinyl acetate	25.0	25.4		ug/L		102	43 - 163
Vinyl chloride	25.0	23.9		ug/L		95	54 - 135
m-Xylene & p-Xylene	25.0	27.5		ug/L		110	70 - 142
o-Xylene	25.0	27.0		ug/L		108	70 - 130

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60476-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 720-168960/13

Matrix: Water

Analysis Batch: 168960

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,2-Dichloropropane	25.0	29.2		ug/L		117	70 - 140

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	99		67 - 130
1,2-Dichloroethane-d4 (Surr)	91		72 - 130
Toluene-d8 (Surr)	98		70 - 130

Lab Sample ID: LCSD 720-168960/14

Matrix: Water

Analysis Batch: 168960

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Methyl tert-butyl ether	25.0	28.1		ug/L		112	62 - 130	4	20
Acetone	125	128		ug/L		102	26 - 180	8	30
Benzene	25.0	27.5		ug/L		110	79 - 130	1	20
Dichlorobromomethane	25.0	29.0		ug/L		116	70 - 130	3	20
Bromobenzene	25.0	26.7		ug/L		107	70 - 130	1	20
Chlorobromomethane	25.0	26.8		ug/L		107	70 - 130	3	20
Bromoform	25.0	25.5		ug/L		102	68 - 136	4	20
Bromomethane	25.0	25.1		ug/L		100	43 - 151	1	20
2-Butanone (MEK)	125	131		ug/L		105	54 - 130	4	20
n-Butylbenzene	25.0	27.3		ug/L		109	70 - 142	1	20
sec-Butylbenzene	25.0	27.9		ug/L		111	70 - 134	1	20
tert-Butylbenzene	25.0	28.3		ug/L		113	70 - 135	1	20
Carbon disulfide	25.0	25.5		ug/L		102	58 - 130	2	20
Carbon tetrachloride	25.0	30.1		ug/L		120	70 - 146	2	20
Chlorobenzene	25.0	27.2		ug/L		109	70 - 130	0	20
Chloroethane	25.0	26.0		ug/L		104	62 - 138	2	20
Chloroform	25.0	27.3		ug/L		109	70 - 130	2	20
Chloromethane	25.0	25.1		ug/L		101	52 - 175	2	20
2-Chlorotoluene	25.0	27.5		ug/L		110	70 - 130	1	20
4-Chlorotoluene	25.0	27.4		ug/L		110	70 - 130	0	20
Chlorodibromomethane	25.0	30.0		ug/L		120	70 - 145	4	20
1,2-Dichlorobenzene	25.0	26.5		ug/L		106	70 - 130	0	20
1,3-Dichlorobenzene	25.0	26.6		ug/L		107	70 - 130	0	20
1,4-Dichlorobenzene	25.0	26.8		ug/L		107	70 - 130	1	20
1,3-Dichloropropane	25.0	28.7		ug/L		115	70 - 130	4	20
1,1-Dichloropropene	25.0	30.1		ug/L		121	70 - 130	1	20
1,2-Dibromo-3-Chloropropane	25.0	29.1		ug/L		116	70 - 136	3	20
Ethylene Dibromide	25.0	28.9		ug/L		116	70 - 130	5	20
Dibromomethane	25.0	27.7		ug/L		111	70 - 130	4	20
Dichlorodifluoromethane	25.0	25.8		ug/L		103	34 - 132	1	20
1,1-Dichloroethane	25.0	27.9		ug/L		112	70 - 130	1	20
1,2-Dichloroethane	25.0	27.1		ug/L		109	61 - 132	3	20
1,1-Dichloroethane	25.0	24.8		ug/L		99	64 - 128	2	20
cis-1,2-Dichloroethane	25.0	27.3		ug/L		109	70 - 130	1	20
trans-1,2-Dichloroethane	25.0	26.4		ug/L		106	68 - 130	2	20
1,2-Dichloropropane	25.0	28.3		ug/L		113	70 - 130	3	20

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60476-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS D 720-168960/14

Matrix: Water

Analysis Batch: 168960

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCS D Result	LCS D Qualifier	Unit	D	%Rec	%Rec.		RPD	Limit
							Limits	RPD		
cis-1,3-Dichloropropene	25.0	31.2		ug/L		125	70 - 130	3	20	
trans-1,3-Dichloropropene	25.0	32.9		ug/L		131	70 - 140	3	20	
Ethylbenzene	25.0	27.1		ug/L		109	80 - 120	0	20	
Hexachlorobutadiene	25.0	26.7		ug/L		107	70 - 130	2	20	
2-Hexanone	125	137		ug/L		110	60 - 164	8	20	
Isopropylbenzene	25.0	27.7		ug/L		111	70 - 130	0	20	
4-Isopropyltoluene	25.0	27.4		ug/L		110	70 - 130	0	20	
Methylene Chloride	25.0	25.1		ug/L		100	70 - 147	2	20	
4-Methyl-2-pentanone (MIBK)	125	137		ug/L		110	58 - 130	6	20	
Naphthalene	25.0	28.0		ug/L		112	70 - 130	1	20	
N-Propylbenzene	25.0	27.6		ug/L		110	70 - 130	1	20	
Styrene	25.0	27.8		ug/L		111	70 - 130	1	20	
1,1,1,2-Tetrachloroethane	25.0	28.0		ug/L		112	70 - 130	2	20	
1,1,2,2-Tetrachloroethane	25.0	28.5		ug/L		114	70 - 130	2	20	
Tetrachloroethene	25.0	28.3		ug/L		113	70 - 130	2	20	
Toluene	25.0	27.4		ug/L		110	78 - 120	0	20	
1,2,3-Trichlorobenzene	25.0	26.9		ug/L		108	70 - 130	2	20	
1,2,4-Trichlorobenzene	25.0	27.0		ug/L		108	70 - 130	1	20	
1,1,1-Trichloroethane	25.0	28.3		ug/L		113	70 - 130	1	20	
1,1,2-Trichloroethane	25.0	28.2		ug/L		113	70 - 130	5	20	
Trichloroethene	25.0	28.0		ug/L		112	70 - 130	1	20	
Trichlorofluoromethane	25.0	25.7		ug/L		103	66 - 132	1	20	
1,2,3-Trichloropropane	25.0	28.2		ug/L		113	70 - 130	3	20	
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	26.1		ug/L		104	42 - 162	1	20	
1,2,4-Trimethylbenzene	25.0	27.0		ug/L		108	70 - 132	0	20	
1,3,5-Trimethylbenzene	25.0	27.6		ug/L		110	70 - 130	1	20	
Vinyl acetate	25.0	26.5		ug/L		106	43 - 163	4	20	
Vinyl chloride	25.0	24.0		ug/L		96	54 - 135	0	20	
m-Xylene & p-Xylene	25.0	27.5		ug/L		110	70 - 142	0	20	
o-Xylene	25.0	27.0		ug/L		108	70 - 130	0	20	
2,2-Dichloropropane	25.0	27.8		ug/L		111	70 - 140	5	20	

Surrogate	LCS D LCS D		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene	99		67 - 130
1,2-Dichloroethane-d4 (Surr)	92		72 - 130
Toluene-d8 (Surr)	99		70 - 130

Lab Sample ID: 720-60473-A-2 MS

Matrix: Water

Analysis Batch: 168960

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS MS		Unit	D	%Rec	%Rec.	
				Result	Qualifier				Limits	RPD
Methyl tert-butyl ether	ND		250	271		ug/L		108	60 - 138	
Acetone	ND		1250	1180		ug/L		95	60 - 140	
Benzene	ND		250	269		ug/L		108	60 - 140	
Dichlorobromomethane	ND		250	282		ug/L		113	60 - 140	
Bromobenzene	ND		250	261		ug/L		104	60 - 140	

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QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60476-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 720-60473-A-2 MS

Client Sample ID: Matrix Spike

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 168960

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.
	Result	Qualifier	Added	Result	Qualifier			Limits	
Chlorobromomethane	ND		250	261		ug/L		104	60 - 140
Bromoform	ND		250	243		ug/L		97	56 - 140
Bromomethane	ND		250	256		ug/L		102	23 - 140
2-Butanone (MEK)	ND		1250	1240		ug/L		99	60 - 140
n-Butylbenzene	ND		250	279		ug/L		112	60 - 140
sec-Butylbenzene	ND		250	278		ug/L		111	60 - 140
tert-Butylbenzene	ND		250	282		ug/L		113	60 - 140
Carbon disulfide	ND		250	256		ug/L		103	38 - 140
Carbon tetrachloride	ND		250	302		ug/L		121	60 - 140
Chlorobenzene	ND		250	267		ug/L		107	60 - 140
Chloroethane	ND		250	268		ug/L		107	51 - 140
Chloroform	ND		250	270		ug/L		108	60 - 140
Chloromethane	ND		250	259		ug/L		104	52 - 140
2-Chlorotoluene	ND		250	275		ug/L		110	60 - 140
4-Chlorotoluene	ND		250	270		ug/L		108	60 - 140
Chlorodibromomethane	ND		250	283		ug/L		113	60 - 140
1,2-Dichlorobenzene	ND		250	262		ug/L		105	60 - 140
1,3-Dichlorobenzene	ND		250	263		ug/L		105	60 - 140
1,4-Dichlorobenzene	ND		250	263		ug/L		105	60 - 140
1,3-Dichloropropane	ND		250	268		ug/L		107	60 - 140
1,1-Dichloropropene	ND		250	294		ug/L		117	60 - 140
1,2-Dibromo-3-Chloropropane	ND		250	277		ug/L		111	60 - 140
Ethylene Dibromide	ND		250	269		ug/L		108	60 - 140
Dibromomethane	ND		250	262		ug/L		105	60 - 140
Dichlorodifluoromethane	ND		250	261		ug/L		104	38 - 140
1,1-Dichloroethane	11		250	285		ug/L		109	60 - 140
1,2-Dichloroethane	ND		250	261		ug/L		104	60 - 140
1,1-Dichloroethene	70		250	317		ug/L		98	60 - 140
cis-1,2-Dichloroethene	2200	E	250	2450	E 4	ug/L		89	60 - 140
trans-1,2-Dichloroethene	13		250	267		ug/L		102	60 - 140
1,2-Dichloropropane	ND		250	275		ug/L		110	60 - 140
cis-1,3-Dichloropropene	ND		250	299		ug/L		119	60 - 140
trans-1,3-Dichloropropene	ND		250	312		ug/L		125	60 - 140
Ethylbenzene	ND		250	269		ug/L		108	60 - 140
Hexachlorobutadiene	ND		250	272		ug/L		109	60 - 140
2-Hexanone	ND		1250	1270		ug/L		101	60 - 140
Isopropylbenzene	ND		250	278		ug/L		111	60 - 140
4-Isopropyltoluene	ND		250	275		ug/L		110	60 - 140
Methylene Chloride	ND		250	245		ug/L		98	40 - 140
4-Methyl-2-pentanone (MIBK)	ND		1250	1320		ug/L		106	58 - 130
Naphthalene	ND		250	277		ug/L		111	56 - 140
N-Propylbenzene	ND		250	277		ug/L		111	60 - 140
Styrene	ND		250	272		ug/L		109	60 - 140
1,1,1,2-Tetrachloroethane	ND		250	276		ug/L		111	60 - 140
1,1,1,2,2-Tetrachloroethane	ND		250	276		ug/L		110	60 - 140
Tetrachloroethene	ND		250	274		ug/L		110	60 - 140
Toluene	ND		250	272		ug/L		109	60 - 140
1,2,3-Trichlorobenzene	ND		250	268		ug/L		107	60 - 140

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60476-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 720-60473-A-2 MS

Matrix: Water

Analysis Batch: 168960

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier	Added	Result	Qualifier				
1,2,4-Trichlorobenzene	ND		250	273		ug/L		109	60 - 140
1,1,1-Trichloroethane	ND		250	289		ug/L		115	60 - 140
1,1,2-Trichloroethane	ND		250	263		ug/L		105	60 - 140
Trichloroethene	420		250	725		ug/L		121	60 - 140
Trichlorofluoromethane	ND		250	274		ug/L		110	60 - 140
1,2,3-Trichloropropane	ND		250	269		ug/L		108	60 - 140
1,1,2-Trichloro-1,2,2-trifluoroethane	8.0		250	271		ug/L		105	60 - 140
1,2,4-Trimethylbenzene	ND		250	271		ug/L		108	60 - 140
1,3,5-Trimethylbenzene	ND		250	278		ug/L		111	60 - 140
Vinyl acetate	ND		250	265		ug/L		106	40 - 140
Vinyl chloride	ND		250	250		ug/L		99	58 - 140
m-Xylene & p-Xylene	ND		250	273		ug/L		109	60 - 140
o-Xylene	ND		250	269		ug/L		108	60 - 140
2,2-Dichloropropane	ND		250	319		ug/L		128	60 - 140

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene	99		67 - 130
1,2-Dichloroethane-d4 (Surr)	91		72 - 130
Toluene-d8 (Surr)	100		70 - 130

Lab Sample ID: 720-60473-A-2 MSD

Matrix: Water

Analysis Batch: 168960

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
	Result	Qualifier	Added	Result	Qualifier						
Methyl tert-butyl ether	ND		250	273		ug/L		109	60 - 138	1	20
Acetone	ND		1250	1220		ug/L		97	60 - 140	3	20
Benzene	ND		250	271		ug/L		108	60 - 140	0	20
Dichlorobromomethane	ND		250	283		ug/L		113	60 - 140	0	20
Bromobenzene	ND		250	259		ug/L		104	60 - 140	0	20
Chlorobromomethane	ND		250	264		ug/L		106	60 - 140	1	20
Bromoform	ND		250	241		ug/L		96	56 - 140	1	20
Bromomethane	ND		250	258		ug/L		103	23 - 140	1	20
2-Butanone (MEK)	ND		1250	1270		ug/L		102	60 - 140	2	20
n-Butylbenzene	ND		250	274		ug/L		110	60 - 140	2	20
sec-Butylbenzene	ND		250	278		ug/L		111	60 - 140	0	20
tert-Butylbenzene	ND		250	279		ug/L		112	60 - 140	1	20
Carbon disulfide	ND		250	257		ug/L		103	38 - 140	0	20
Carbon tetrachloride	ND		250	301		ug/L		120	60 - 140	1	20
Chlorobenzene	ND		250	269		ug/L		108	60 - 140	1	20
Chloroethane	ND		250	269		ug/L		108	51 - 140	0	20
Chloroform	ND		250	271		ug/L		108	60 - 140	0	20
Chloromethane	ND		250	260		ug/L		104	52 - 140	1	20
2-Chlorotoluene	ND		250	271		ug/L		109	60 - 140	1	20
4-Chlorotoluene	ND		250	269		ug/L		108	60 - 140	0	20
Chlorodibromomethane	ND		250	285		ug/L		114	60 - 140	1	20
1,2-Dichlorobenzene	ND		250	261		ug/L		104	60 - 140	0	20

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60476-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 720-60473-A-2 MSD

Matrix: Water

Analysis Batch: 168960

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		Limit
1,3-Dichlorobenzene	ND		250	264		ug/L		105	60 - 140	0	20
1,4-Dichlorobenzene	ND		250	264		ug/L		106	60 - 140	0	20
1,3-Dichloropropane	ND		250	272		ug/L		109	60 - 140	2	20
1,1-Dichloropropene	ND		250	294		ug/L		118	60 - 140	0	20
1,2-Dibromo-3-Chloropropane	ND		250	279		ug/L		111	60 - 140	0	20
Ethylene Dibromide	ND		250	273		ug/L		109	60 - 140	1	20
Dibromomethane	ND		250	264		ug/L		106	60 - 140	1	20
Dichlorodifluoromethane	ND		250	259		ug/L		104	38 - 140	1	20
1,1-Dichloroethane	11		250	288		ug/L		111	60 - 140	1	20
1,2-Dichloroethane	ND		250	263		ug/L		105	60 - 140	1	20
1,1-Dichloroethene	70		250	317		ug/L		99	60 - 140	0	20
cis-1,2-Dichloroethene	2200	E	250	2450	E 4	ug/L		87	60 - 140	0	20
trans-1,2-Dichloroethene	13		250	267		ug/L		102	60 - 140	0	20
1,2-Dichloropropane	ND		250	277		ug/L		111	60 - 140	1	20
cis-1,3-Dichloropropene	ND		250	300		ug/L		120	60 - 140	1	20
trans-1,3-Dichloropropene	ND		250	317		ug/L		127	60 - 140	2	20
Ethylbenzene	ND		250	269		ug/L		108	60 - 140	0	20
Hexachlorobutadiene	ND		250	269		ug/L		108	60 - 140	1	20
2-Hexanone	ND		1250	1300		ug/L		104	60 - 140	3	20
Isopropylbenzene	ND		250	275		ug/L		110	60 - 140	1	20
4-Isopropyltoluene	ND		250	272		ug/L		109	60 - 140	1	20
Methylene Chloride	ND		250	250		ug/L		100	40 - 140	2	20
4-Methyl-2-pentanone (MIBK)	ND		1250	1340		ug/L		107	58 - 130	1	20
Naphthalene	ND		250	274		ug/L		110	56 - 140	1	20
N-Propylbenzene	ND		250	273		ug/L		109	60 - 140	1	20
Styrene	ND		250	275		ug/L		110	60 - 140	1	20
1,1,1,2-Tetrachloroethane	ND		250	276		ug/L		111	60 - 140	0	20
1,1,1,2,2-Tetrachloroethane	ND		250	274		ug/L		110	60 - 140	1	20
Tetrachloroethene	ND		250	275		ug/L		110	60 - 140	0	20
Toluene	ND		250	272		ug/L		109	60 - 140	0	20
1,2,3-Trichlorobenzene	ND		250	266		ug/L		107	60 - 140	1	20
1,2,4-Trichlorobenzene	ND		250	269		ug/L		108	60 - 140	1	20
1,1,1-Trichloroethane	ND		250	288		ug/L		114	60 - 140	0	20
1,1,2-Trichloroethane	ND		250	266		ug/L		107	60 - 140	1	20
Trichloroethene	420		250	728		ug/L		122	60 - 140	0	20
Trichlorofluoromethane	ND		250	272		ug/L		109	60 - 140	1	20
1,2,3-Trichloropropane	ND		250	269		ug/L		107	60 - 140	0	20
1,1,2-Trichloro-1,1,2,2-trifluoroethane	8.0		250	269		ug/L		105	60 - 140	1	20
1,2,4-Trimethylbenzene	ND		250	268		ug/L		107	60 - 140	1	20
1,3,5-Trimethylbenzene	ND		250	274		ug/L		110	60 - 140	1	20
Vinyl acetate	ND		250	269		ug/L		108	40 - 140	1	20
Vinyl chloride	ND		250	251		ug/L		99	58 - 140	0	20
m-Xylene & p-Xylene	ND		250	272		ug/L		109	60 - 140	0	20
o-Xylene	ND		250	269		ug/L		108	60 - 140	0	20
2,2-Dichloropropane	ND		250	319		ug/L		128	60 - 140	0	20

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60476-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 720-60473-A-2 MSD

Matrix: Water

Analysis Batch: 168960

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

<i>Surrogate</i>	<i>MSD %Recovery</i>	<i>MSD Qualifier</i>	<i>Limits</i>
4-Bromofluorobenzene	100		67 - 130
1,2-Dichloroethane-d4 (Surr)	91		72 - 130
Toluene-d8 (Surr)	100		70 - 130

Lab Sample ID: MB 720-168998/4

Matrix: Water

Analysis Batch: 168998

Client Sample ID: Method Blank

Prep Type: Total/NA

<i>Analyte</i>	<i>MB Result</i>	<i>MB Qualifier</i>	<i>RL</i>	<i>MDL</i>	<i>Unit</i>	<i>D</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
Methyl tert-butyl ether	ND		0.50		ug/L			10/16/14 20:06	1
Acetone	ND		50		ug/L			10/16/14 20:06	1
Benzene	ND		0.50		ug/L			10/16/14 20:06	1
Dichlorobromomethane	ND		0.50		ug/L			10/16/14 20:06	1
Bromobenzene	ND		1.0		ug/L			10/16/14 20:06	1
Chlorobromomethane	ND		1.0		ug/L			10/16/14 20:06	1
Bromoform	ND		1.0		ug/L			10/16/14 20:06	1
Bromomethane	ND		1.0		ug/L			10/16/14 20:06	1
2-Butanone (MEK)	ND		50		ug/L			10/16/14 20:06	1
n-Butylbenzene	ND		1.0		ug/L			10/16/14 20:06	1
sec-Butylbenzene	ND		1.0		ug/L			10/16/14 20:06	1
tert-Butylbenzene	ND		1.0		ug/L			10/16/14 20:06	1
Carbon disulfide	ND		5.0		ug/L			10/16/14 20:06	1
Carbon tetrachloride	ND		0.50		ug/L			10/16/14 20:06	1
Chlorobenzene	ND		0.50		ug/L			10/16/14 20:06	1
Chloroethane	ND		1.0		ug/L			10/16/14 20:06	1
Chloroform	ND		1.0		ug/L			10/16/14 20:06	1
Chloromethane	ND		1.0		ug/L			10/16/14 20:06	1
2-Chlorotoluene	ND		0.50		ug/L			10/16/14 20:06	1
4-Chlorotoluene	ND		0.50		ug/L			10/16/14 20:06	1
Chlorodibromomethane	ND		0.50		ug/L			10/16/14 20:06	1
1,2-Dichlorobenzene	ND		0.50		ug/L			10/16/14 20:06	1
1,3-Dichlorobenzene	ND		0.50		ug/L			10/16/14 20:06	1
1,4-Dichlorobenzene	ND		0.50		ug/L			10/16/14 20:06	1
1,3-Dichloropropane	ND		1.0		ug/L			10/16/14 20:06	1
1,1-Dichloropropene	ND		0.50		ug/L			10/16/14 20:06	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			10/16/14 20:06	1
Ethylene Dibromide	ND		0.50		ug/L			10/16/14 20:06	1
Dibromomethane	ND		0.50		ug/L			10/16/14 20:06	1
Dichlorodifluoromethane	ND		0.50		ug/L			10/16/14 20:06	1
1,1-Dichloroethane	ND		0.50		ug/L			10/16/14 20:06	1
1,2-Dichloroethane	ND		0.50		ug/L			10/16/14 20:06	1
1,1-Dichloroethene	ND		0.50		ug/L			10/16/14 20:06	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			10/16/14 20:06	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			10/16/14 20:06	1
1,2-Dichloropropane	ND		0.50		ug/L			10/16/14 20:06	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			10/16/14 20:06	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			10/16/14 20:06	1
Ethylbenzene	ND		0.50		ug/L			10/16/14 20:06	1

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60476-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 720-168998/4

Matrix: Water

Analysis Batch: 168998

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Hexachlorobutadiene	ND		1.0		ug/L			10/16/14 20:06	1
2-Hexanone	ND		50		ug/L			10/16/14 20:06	1
Isopropylbenzene	ND		0.50		ug/L			10/16/14 20:06	1
4-Isopropyltoluene	ND		1.0		ug/L			10/16/14 20:06	1
Methylene Chloride	ND		5.0		ug/L			10/16/14 20:06	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			10/16/14 20:06	1
Naphthalene	ND		1.0		ug/L			10/16/14 20:06	1
N-Propylbenzene	ND		1.0		ug/L			10/16/14 20:06	1
Styrene	ND		0.50		ug/L			10/16/14 20:06	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			10/16/14 20:06	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			10/16/14 20:06	1
Tetrachloroethene	ND		0.50		ug/L			10/16/14 20:06	1
Toluene	ND		0.50		ug/L			10/16/14 20:06	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			10/16/14 20:06	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			10/16/14 20:06	1
1,1,1-Trichloroethane	ND		0.50		ug/L			10/16/14 20:06	1
1,1,2-Trichloroethane	ND		0.50		ug/L			10/16/14 20:06	1
Trichloroethene	ND		0.50		ug/L			10/16/14 20:06	1
Trichlorofluoromethane	ND		1.0		ug/L			10/16/14 20:06	1
1,2,3-Trichloropropane	ND		0.50		ug/L			10/16/14 20:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			10/16/14 20:06	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			10/16/14 20:06	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			10/16/14 20:06	1
Vinyl acetate	ND		10		ug/L			10/16/14 20:06	1
Vinyl chloride	ND		0.50		ug/L			10/16/14 20:06	1
Xylenes, Total	ND		1.0		ug/L			10/16/14 20:06	1
2,2-Dichloropropane	ND		0.50		ug/L			10/16/14 20:06	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene	92		67 - 130		10/16/14 20:06	1
1,2-Dichloroethane-d4 (Surr)	86		72 - 130		10/16/14 20:06	1
Toluene-d8 (Surr)	93		70 - 130		10/16/14 20:06	1

Lab Sample ID: LCS 720-168998/5

Matrix: Water

Analysis Batch: 168998

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
Methyl tert-butyl ether	25.0	22.6		ug/L		90	62 - 130
Acetone	125	111		ug/L		89	26 - 180
Benzene	25.0	24.1		ug/L		96	79 - 130
Dichlorobromomethane	25.0	23.5		ug/L		94	70 - 130
Bromobenzene	25.0	25.0		ug/L		100	70 - 130
Chlorobromomethane	25.0	23.5		ug/L		94	70 - 130
Bromoform	25.0	25.6		ug/L		102	68 - 136
Bromomethane	25.0	24.4		ug/L		98	43 - 151
2-Butanone (MEK)	125	113		ug/L		91	54 - 130
n-Butylbenzene	25.0	24.4		ug/L		98	70 - 142

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60476-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 720-168998/5

Matrix: Water

Analysis Batch: 168998

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
sec-Butylbenzene	25.0	25.1		ug/L		101	70 - 134
tert-Butylbenzene	25.0	25.0		ug/L		100	70 - 135
Carbon disulfide	25.0	21.9		ug/L		88	58 - 130
Carbon tetrachloride	25.0	25.2		ug/L		101	70 - 146
Chlorobenzene	25.0	24.7		ug/L		99	70 - 130
Chloroethane	25.0	23.1		ug/L		93	62 - 138
Chloroform	25.0	23.8		ug/L		95	70 - 130
Chloromethane	25.0	22.6		ug/L		90	52 - 175
2-Chlorotoluene	25.0	24.3		ug/L		97	70 - 130
4-Chlorotoluene	25.0	24.4		ug/L		97	70 - 130
Chlorodibromomethane	25.0	25.0		ug/L		100	70 - 145
1,2-Dichlorobenzene	25.0	24.5		ug/L		98	70 - 130
1,3-Dichlorobenzene	25.0	24.7		ug/L		99	70 - 130
1,4-Dichlorobenzene	25.0	24.8		ug/L		99	70 - 130
1,3-Dichloropropane	25.0	23.2		ug/L		93	70 - 130
1,1-Dichloropropene	25.0	26.0		ug/L		104	70 - 130
1,2-Dibromo-3-Chloropropane	25.0	25.4		ug/L		102	70 - 136
Ethylene Dibromide	25.0	24.2		ug/L		97	70 - 130
Dibromomethane	25.0	23.7		ug/L		95	70 - 130
Dichlorodifluoromethane	25.0	24.6		ug/L		98	34 - 132
1,1-Dichloroethane	25.0	23.7		ug/L		95	70 - 130
1,2-Dichloroethane	25.0	22.6		ug/L		90	61 - 132
1,1-Dichloroethene	25.0	22.1		ug/L		88	64 - 128
cis-1,2-Dichloroethene	25.0	23.4		ug/L		94	70 - 130
trans-1,2-Dichloroethene	25.0	24.0		ug/L		96	68 - 130
1,2-Dichloropropane	25.0	23.2		ug/L		93	70 - 130
cis-1,3-Dichloropropene	25.0	25.3		ug/L		101	70 - 130
trans-1,3-Dichloropropene	25.0	27.5		ug/L		110	70 - 140
Ethylbenzene	25.0	24.3		ug/L		97	80 - 120
Hexachlorobutadiene	25.0	24.8		ug/L		99	70 - 130
2-Hexanone	125	101		ug/L		81	60 - 164
Isopropylbenzene	25.0	25.3		ug/L		101	70 - 130
4-Isopropyltoluene	25.0	24.4		ug/L		98	70 - 130
Methylene Chloride	25.0	22.4		ug/L		90	70 - 147
4-Methyl-2-pentanone (MIBK)	125	104		ug/L		83	58 - 130
Naphthalene	25.0	24.4		ug/L		98	70 - 130
N-Propylbenzene	25.0	24.8		ug/L		99	70 - 130
Styrene	25.0	24.9		ug/L		100	70 - 130
1,1,1,2-Tetrachloroethane	25.0	24.9		ug/L		100	70 - 130
1,1,2,2-Tetrachloroethane	25.0	24.0		ug/L		96	70 - 130
Tetrachloroethene	25.0	25.3		ug/L		101	70 - 130
Toluene	25.0	24.5		ug/L		98	78 - 120
1,2,3-Trichlorobenzene	25.0	24.4		ug/L		98	70 - 130
1,2,4-Trichlorobenzene	25.0	25.3		ug/L		101	70 - 130
1,1,1-Trichloroethane	25.0	24.2		ug/L		97	70 - 130
1,1,2-Trichloroethane	25.0	24.3		ug/L		97	70 - 130
Trichloroethene	25.0	25.4		ug/L		102	70 - 130
Trichlorofluoromethane	25.0	24.5		ug/L		98	66 - 132

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60476-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 720-168998/5

Matrix: Water

Analysis Batch: 168998

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,3-Trichloropropane	25.0	24.9		ug/L		100	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	22.8		ug/L		91	42 - 162
1,2,4-Trimethylbenzene	25.0	24.3		ug/L		97	70 - 132
1,3,5-Trimethylbenzene	25.0	24.8		ug/L		99	70 - 130
Vinyl acetate	25.0	19.1		ug/L		76	43 - 163
Vinyl chloride	25.0	23.6		ug/L		94	54 - 135
m-Xylene & p-Xylene	25.0	24.1		ug/L		97	70 - 142
o-Xylene	25.0	24.3		ug/L		97	70 - 130
2,2-Dichloropropane	25.0	24.0		ug/L		96	70 - 140

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	94		67 - 130
1,2-Dichloroethane-d4 (Surr)	83		72 - 130
Toluene-d8 (Surr)	93		70 - 130

Lab Sample ID: LCSD 720-168998/6

Matrix: Water

Analysis Batch: 168998

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Methyl tert-butyl ether	25.0	22.7		ug/L		91	62 - 130	1	20
Acetone	125	109		ug/L		87	26 - 180	2	30
Benzene	25.0	24.1		ug/L		97	79 - 130	0	20
Dichlorobromomethane	25.0	23.4		ug/L		94	70 - 130	0	20
Bromobenzene	25.0	25.0		ug/L		100	70 - 130	0	20
Chlorobromomethane	25.0	23.4		ug/L		94	70 - 130	0	20
Bromoform	25.0	25.6		ug/L		102	68 - 136	0	20
Bromomethane	25.0	24.5		ug/L		98	43 - 151	0	20
2-Butanone (MEK)	125	115		ug/L		92	54 - 130	2	20
n-Butylbenzene	25.0	24.4		ug/L		98	70 - 142	0	20
sec-Butylbenzene	25.0	25.0		ug/L		100	70 - 134	1	20
tert-Butylbenzene	25.0	24.9		ug/L		100	70 - 135	0	20
Carbon disulfide	25.0	22.2		ug/L		89	58 - 130	1	20
Carbon tetrachloride	25.0	25.2		ug/L		101	70 - 146	0	20
Chlorobenzene	25.0	24.7		ug/L		99	70 - 130	0	20
Chloroethane	25.0	23.1		ug/L		92	62 - 138	0	20
Chloroform	25.0	23.8		ug/L		95	70 - 130	0	20
Chloromethane	25.0	21.9		ug/L		88	52 - 175	3	20
2-Chlorotoluene	25.0	24.2		ug/L		97	70 - 130	0	20
4-Chlorotoluene	25.0	24.4		ug/L		97	70 - 130	0	20
Chlorodibromomethane	25.0	24.8		ug/L		99	70 - 145	1	20
1,2-Dichlorobenzene	25.0	24.7		ug/L		99	70 - 130	1	20
1,3-Dichlorobenzene	25.0	24.5		ug/L		98	70 - 130	1	20
1,4-Dichlorobenzene	25.0	24.7		ug/L		99	70 - 130	1	20
1,3-Dichloropropane	25.0	23.3		ug/L		93	70 - 130	0	20
1,1-Dichloropropene	25.0	26.0		ug/L		104	70 - 130	0	20
1,2-Dibromo-3-Chloropropane	25.0	25.7		ug/L		103	70 - 136	1	20

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60476-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 720-168998/6

Matrix: Water

Analysis Batch: 168998

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	
								RPD	Limit
Ethylene Dibromide	25.0	24.4		ug/L		98	70 - 130	1	20
Dibromomethane	25.0	23.5		ug/L		94	70 - 130	1	20
Dichlorodifluoromethane	25.0	24.3		ug/L		97	34 - 132	1	20
1,1-Dichloroethane	25.0	23.8		ug/L		95	70 - 130	0	20
1,2-Dichloroethane	25.0	22.3		ug/L		89	61 - 132	1	20
1,1-Dichloroethene	25.0	22.4		ug/L		89	64 - 128	1	20
cis-1,2-Dichloroethene	25.0	23.4		ug/L		94	70 - 130	0	20
trans-1,2-Dichloroethene	25.0	24.4		ug/L		98	68 - 130	2	20
1,2-Dichloropropane	25.0	23.0		ug/L		92	70 - 130	1	20
cis-1,3-Dichloropropene	25.0	25.2		ug/L		101	70 - 130	1	20
trans-1,3-Dichloropropene	25.0	27.3		ug/L		109	70 - 140	1	20
Ethylbenzene	25.0	24.5		ug/L		98	80 - 120	1	20
Hexachlorobutadiene	25.0	25.0		ug/L		100	70 - 130	1	20
2-Hexanone	125	101		ug/L		81	60 - 164	0	20
Isopropylbenzene	25.0	25.1		ug/L		100	70 - 130	1	20
4-Isopropyltoluene	25.0	24.3		ug/L		97	70 - 130	1	20
Methylene Chloride	25.0	22.6		ug/L		90	70 - 147	1	20
4-Methyl-2-pentanone (MIBK)	125	105		ug/L		84	58 - 130	1	20
Naphthalene	25.0	24.8		ug/L		99	70 - 130	1	20
N-Propylbenzene	25.0	25.0		ug/L		100	70 - 130	1	20
Styrene	25.0	24.6		ug/L		99	70 - 130	1	20
1,1,1,2-Tetrachloroethane	25.0	24.8		ug/L		99	70 - 130	1	20
1,1,2,2-Tetrachloroethane	25.0	24.2		ug/L		97	70 - 130	1	20
Tetrachloroethene	25.0	25.2		ug/L		101	70 - 130	0	20
Toluene	25.0	24.6		ug/L		98	78 - 120	0	20
1,2,3-Trichlorobenzene	25.0	24.9		ug/L		99	70 - 130	2	20
1,2,4-Trichlorobenzene	25.0	25.4		ug/L		102	70 - 130	0	20
1,1,1-Trichloroethane	25.0	23.7		ug/L		95	70 - 130	2	20
1,1,2-Trichloroethane	25.0	24.0		ug/L		96	70 - 130	1	20
Trichloroethene	25.0	25.0		ug/L		100	70 - 130	2	20
Trichlorofluoromethane	25.0	24.8		ug/L		99	66 - 132	1	20
1,2,3-Trichloropropane	25.0	24.8		ug/L		99	70 - 130	0	20
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	23.2		ug/L		93	42 - 162	2	20
1,2,4-Trimethylbenzene	25.0	24.3		ug/L		97	70 - 132	0	20
1,3,5-Trimethylbenzene	25.0	24.8		ug/L		99	70 - 130	0	20
Vinyl acetate	25.0	19.5		ug/L		78	43 - 163	2	20
Vinyl chloride	25.0	23.9		ug/L		96	54 - 135	1	20
m-Xylene & p-Xylene	25.0	24.2		ug/L		97	70 - 142	0	20
o-Xylene	25.0	24.3		ug/L		97	70 - 130	0	20
2,2-Dichloropropane	25.0	23.9		ug/L		96	70 - 140	0	20

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene	93		67 - 130
1,2-Dichloroethane-d4 (Surr)	82		72 - 130
Toluene-d8 (Surr)	94		70 - 130

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60476-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 720-60483-A-2 MS

Matrix: Water

Analysis Batch: 168998

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample	Sample Qualifier	Spike Added	MS		Unit	D	%Rec	%Rec. Limits
	Result			Result	Qualifier				
Methyl tert-butyl ether	ND		25.0	22.4		ug/L		90	60 - 138
Acetone	ND		125	116		ug/L		93	60 - 140
Benzene	ND		25.0	23.9		ug/L		96	60 - 140
Dichlorobromomethane	ND		25.0	23.6		ug/L		94	60 - 140
Bromobenzene	ND		25.0	27.8		ug/L		111	60 - 140
Chlorobromomethane	ND		25.0	23.2		ug/L		93	60 - 140
Bromoform	ND		25.0	25.3		ug/L		101	56 - 140
Bromomethane	ND		25.0	23.3		ug/L		93	23 - 140
2-Butanone (MEK)	ND		125	106		ug/L		85	60 - 140
n-Butylbenzene	ND		25.0	19.2		ug/L		77	60 - 140
sec-Butylbenzene	ND		25.0	22.7		ug/L		91	60 - 140
tert-Butylbenzene	ND		25.0	23.7		ug/L		95	60 - 140
Carbon disulfide	ND		25.0	21.9		ug/L		88	38 - 140
Carbon tetrachloride	ND		25.0	25.4		ug/L		102	60 - 140
Chlorobenzene	ND		25.0	24.7		ug/L		99	60 - 140
Chloroethane	ND		25.0	23.0		ug/L		92	51 - 140
Chloroform	ND		25.0	23.4		ug/L		94	60 - 140
Chloromethane	ND		25.0	21.3		ug/L		85	52 - 140
2-Chlorotoluene	ND		25.0	25.4		ug/L		102	60 - 140
4-Chlorotoluene	ND		25.0	25.2		ug/L		101	60 - 140
Chlorodibromomethane	ND		25.0	24.6		ug/L		98	60 - 140
1,2-Dichlorobenzene	ND		25.0	24.1		ug/L		96	60 - 140
1,3-Dichlorobenzene	ND		25.0	24.6		ug/L		98	60 - 140
1,4-Dichlorobenzene	ND		25.0	24.7		ug/L		99	60 - 140
1,3-Dichloropropane	ND		25.0	23.0		ug/L		92	60 - 140
1,1-Dichloropropene	ND		25.0	25.5		ug/L		102	60 - 140
1,2-Dibromo-3-Chloropropane	ND		25.0	26.8		ug/L		107	60 - 140
Ethylene Dibromide	ND		25.0	24.2		ug/L		97	60 - 140
Dibromomethane	ND		25.0	23.4		ug/L		94	60 - 140
Dichlorodifluoromethane	ND		25.0	26.3		ug/L		105	38 - 140
1,1-Dichloroethane	ND		25.0	23.3		ug/L		93	60 - 140
1,2-Dichloroethane	ND		25.0	22.2		ug/L		89	60 - 140
1,1-Dichloroethene	ND		25.0	24.4		ug/L		98	60 - 140
cis-1,2-Dichloroethene	ND		25.0	23.2		ug/L		93	60 - 140
trans-1,2-Dichloroethene	ND		25.0	23.7		ug/L		95	60 - 140
1,2-Dichloropropane	ND		25.0	23.2		ug/L		93	60 - 140
cis-1,3-Dichloropropene	ND		25.0	25.1		ug/L		100	60 - 140
trans-1,3-Dichloropropene	ND		25.0	27.9		ug/L		111	60 - 140
Ethylbenzene	ND		25.0	24.2		ug/L		97	60 - 140
Hexachlorobutadiene	ND		25.0	16.8		ug/L		67	60 - 140
2-Hexanone	ND		125	96.2		ug/L		77	60 - 140
Isopropylbenzene	ND		25.0	23.7		ug/L		95	60 - 140
4-Isopropyltoluene	ND		25.0	21.5		ug/L		86	60 - 140
Methylene Chloride	ND		25.0	22.7		ug/L		91	40 - 140
4-Methyl-2-pentanone (MIBK)	ND		125	103		ug/L		82	58 - 130
Naphthalene	ND		25.0	18.5		ug/L		74	56 - 140
N-Propylbenzene	ND		25.0	25.4		ug/L		102	60 - 140
Styrene	ND		25.0	19.8		ug/L		79	60 - 140

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60476-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 720-60483-A-2 MS

Client Sample ID: Matrix Spike

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 168998

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.
	Result	Qualifier	Added	Result	Qualifier				
1,1,1,2-Tetrachloroethane	ND		25.0	25.1		ug/L		101	60 - 140
1,1,2,2-Tetrachloroethane	ND		25.0	26.9		ug/L		107	60 - 140
Tetrachloroethene	ND		25.0	25.2		ug/L		101	60 - 140
Toluene	ND		25.0	24.7		ug/L		99	60 - 140
1,2,3-Trichlorobenzene	ND		25.0	17.1		ug/L		69	60 - 140
1,2,4-Trichlorobenzene	ND		25.0	18.0		ug/L		72	60 - 140
1,1,1-Trichloroethane	ND		25.0	24.7		ug/L		99	60 - 140
1,1,2-Trichloroethane	ND		25.0	24.0		ug/L		96	60 - 140
Trichloroethene	ND		25.0	24.8		ug/L		99	60 - 140
Trichlorofluoromethane	ND		25.0	25.0		ug/L		100	60 - 140
1,2,3-Trichloropropane	ND		25.0	27.5		ug/L		110	60 - 140
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	22.7		ug/L		91	60 - 140
1,2,4-Trimethylbenzene	ND		25.0	21.8		ug/L		87	60 - 140
1,3,5-Trimethylbenzene	ND		25.0	23.3		ug/L		93	60 - 140
Vinyl acetate	ND		25.0	19.0		ug/L		76	40 - 140
Vinyl chloride	ND		25.0	24.0		ug/L		96	58 - 140
m-Xylene & p-Xylene	ND		25.0	24.1		ug/L		97	60 - 140
o-Xylene	ND		25.0	23.5		ug/L		94	60 - 140
2,2-Dichloropropane	ND		25.0	24.4		ug/L		98	60 - 140

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene	91		67 - 130
1,2-Dichloroethane-d4 (Surr)	83		72 - 130
Toluene-d8 (Surr)	92		70 - 130

Lab Sample ID: 720-60483-A-2 MSD

Client Sample ID: Matrix Spike Duplicate

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 168998

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier						
Methyl tert-butyl ether	ND		25.0	22.7		ug/L		91	60 - 138	1	20
Acetone	ND		125	95.5		ug/L		76	60 - 140	19	20
Benzene	ND		25.0	23.6		ug/L		94	60 - 140	1	20
Dichlorobromomethane	ND		25.0	23.5		ug/L		94	60 - 140	0	20
Bromobenzene	ND		25.0	25.1		ug/L		100	60 - 140	10	20
Chlorobromomethane	ND		25.0	23.3		ug/L		93	60 - 140	0	20
Bromoform	ND		25.0	24.4		ug/L		97	56 - 140	4	20
Bromomethane	ND		25.0	23.1		ug/L		92	23 - 140	1	20
2-Butanone (MEK)	ND		125	111		ug/L		89	60 - 140	5	20
n-Butylbenzene	ND		25.0	23.9	F2	ug/L		96	60 - 140	22	20
sec-Butylbenzene	ND		25.0	24.5		ug/L		98	60 - 140	8	20
tert-Butylbenzene	ND		25.0	24.3		ug/L		97	60 - 140	2	20
Carbon disulfide	ND		25.0	21.6		ug/L		86	38 - 140	2	20
Carbon tetrachloride	ND		25.0	24.9		ug/L		100	60 - 140	2	20
Chlorobenzene	ND		25.0	23.6		ug/L		95	60 - 140	4	20
Chloroethane	ND		25.0	22.6		ug/L		90	51 - 140	1	20
Chloroform	ND		25.0	23.4		ug/L		94	60 - 140	0	20

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60476-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 720-60483-A-2 MSD

Matrix: Water

Analysis Batch: 168998

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		Limit
Chloromethane	ND		25.0	22.5		ug/L		90	52 - 140	5	20
2-Chlorotoluene	ND		25.0	23.9		ug/L		96	60 - 140	6	20
4-Chlorotoluene	ND		25.0	24.0		ug/L		96	60 - 140	5	20
Chlorodibromomethane	ND		25.0	24.7		ug/L		99	60 - 140	0	20
1,2-Dichlorobenzene	ND		25.0	24.3		ug/L		97	60 - 140	1	20
1,3-Dichlorobenzene	ND		25.0	24.4		ug/L		98	60 - 140	1	20
1,4-Dichlorobenzene	ND		25.0	24.5		ug/L		98	60 - 140	1	20
1,3-Dichloropropane	ND		25.0	23.4		ug/L		94	60 - 140	2	20
1,1-Dichloropropene	ND		25.0	25.1		ug/L		101	60 - 140	1	20
1,2-Dibromo-3-Chloropropane	ND		25.0	25.9		ug/L		104	60 - 140	3	20
Ethylene Dibromide	ND		25.0	24.5		ug/L		98	60 - 140	1	20
Dibromomethane	ND		25.0	23.6		ug/L		95	60 - 140	1	20
Dichlorodifluoromethane	ND		25.0	24.3		ug/L		97	38 - 140	8	20
1,1-Dichloroethane	ND		25.0	23.4		ug/L		93	60 - 140	0	20
1,2-Dichloroethane	ND		25.0	22.4		ug/L		90	60 - 140	1	20
1,1-Dichloroethene	ND		25.0	21.3		ug/L		85	60 - 140	14	20
cis-1,2-Dichloroethene	ND		25.0	23.2		ug/L		93	60 - 140	0	20
trans-1,2-Dichloroethene	ND		25.0	23.9		ug/L		95	60 - 140	1	20
1,2-Dichloropropane	ND		25.0	23.1		ug/L		92	60 - 140	0	20
cis-1,3-Dichloropropene	ND		25.0	25.4		ug/L		102	60 - 140	1	20
trans-1,3-Dichloropropene	ND		25.0	27.4		ug/L		110	60 - 140	2	20
Ethylbenzene	ND		25.0	23.2		ug/L		93	60 - 140	4	20
Hexachlorobutadiene	ND		25.0	24.2	F2	ug/L		97	60 - 140	36	20
2-Hexanone	ND		125	98.8		ug/L		79	60 - 140	3	20
Isopropylbenzene	ND		25.0	23.9		ug/L		95	60 - 140	1	20
4-Isopropyltoluene	ND		25.0	24.0		ug/L		96	60 - 140	11	20
Methylene Chloride	ND		25.0	22.3		ug/L		89	40 - 140	2	20
4-Methyl-2-pentanone (MIBK)	ND		125	105		ug/L		84	58 - 130	3	20
Naphthalene	ND		25.0	24.3	F2	ug/L		97	56 - 140	27	20
N-Propylbenzene	ND		25.0	24.3		ug/L		97	60 - 140	4	20
Styrene	ND		25.0	17.4		ug/L		70	60 - 140	13	20
1,1,1,2-Tetrachloroethane	ND		25.0	23.8		ug/L		95	60 - 140	5	20
1,1,1,2,2-Tetrachloroethane	ND		25.0	24.3		ug/L		97	60 - 140	10	20
Tetrachloroethene	ND		25.0	24.5		ug/L		98	60 - 140	3	20
Toluene	ND		25.0	23.3		ug/L		93	60 - 140	6	20
1,2,3-Trichlorobenzene	ND		25.0	24.3	F2	ug/L		97	60 - 140	34	20
1,2,4-Trichlorobenzene	ND		25.0	25.1	F2	ug/L		100	60 - 140	33	20
1,1,1-Trichloroethane	ND		25.0	24.1		ug/L		96	60 - 140	2	20
1,1,2-Trichloroethane	ND		25.0	24.0		ug/L		96	60 - 140	0	20
Trichloroethene	ND		25.0	24.6		ug/L		98	60 - 140	1	20
Trichlorofluoromethane	ND		25.0	24.2		ug/L		97	60 - 140	3	20
1,2,3-Trichloropropane	ND		25.0	24.5		ug/L		98	60 - 140	12	20
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	21.9		ug/L		87	60 - 140	4	20
1,2,4-Trimethylbenzene	ND		25.0	23.7		ug/L		95	60 - 140	9	20
1,3,5-Trimethylbenzene	ND		25.0	24.3		ug/L		97	60 - 140	4	20
Vinyl acetate	ND		25.0	18.1		ug/L		72	40 - 140	5	20
Vinyl chloride	ND		25.0	22.9		ug/L		91	58 - 140	5	20

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60476-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 720-60483-A-2 MSD

Matrix: Water

Analysis Batch: 168998

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
m-Xylene & p-Xylene	ND		25.0	23.2		ug/L		93	60 - 140	4	20
o-Xylene	ND		25.0	23.2		ug/L		93	60 - 140	2	20
2,2-Dichloropropane	ND		25.0	24.1		ug/L		96	60 - 140	1	20
Surrogate	%Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene	91		67 - 130								
1,2-Dichloroethane-d4 (Surr)	85		72 - 130								
Toluene-d8 (Surr)	93		70 - 130								

Lab Sample ID: MB 720-169031/4

Matrix: Water

Analysis Batch: 169031

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			10/17/14 09:08	1
Acetone	ND		50		ug/L			10/17/14 09:08	1
Benzene	ND		0.50		ug/L			10/17/14 09:08	1
Dichlorobromomethane	ND		0.50		ug/L			10/17/14 09:08	1
Bromobenzene	ND		1.0		ug/L			10/17/14 09:08	1
Chlorobromomethane	ND		1.0		ug/L			10/17/14 09:08	1
Bromoform	ND		1.0		ug/L			10/17/14 09:08	1
Bromomethane	ND		1.0		ug/L			10/17/14 09:08	1
2-Butanone (MEK)	ND		50		ug/L			10/17/14 09:08	1
n-Butylbenzene	ND		1.0		ug/L			10/17/14 09:08	1
sec-Butylbenzene	ND		1.0		ug/L			10/17/14 09:08	1
tert-Butylbenzene	ND		1.0		ug/L			10/17/14 09:08	1
Carbon disulfide	ND		5.0		ug/L			10/17/14 09:08	1
Carbon tetrachloride	ND		0.50		ug/L			10/17/14 09:08	1
Chlorobenzene	ND		0.50		ug/L			10/17/14 09:08	1
Chloroethane	ND		1.0		ug/L			10/17/14 09:08	1
Chloroform	ND		1.0		ug/L			10/17/14 09:08	1
Chloromethane	ND		1.0		ug/L			10/17/14 09:08	1
2-Chlorotoluene	ND		0.50		ug/L			10/17/14 09:08	1
4-Chlorotoluene	ND		0.50		ug/L			10/17/14 09:08	1
Chlorodibromomethane	ND		0.50		ug/L			10/17/14 09:08	1
1,2-Dichlorobenzene	ND		0.50		ug/L			10/17/14 09:08	1
1,3-Dichlorobenzene	ND		0.50		ug/L			10/17/14 09:08	1
1,4-Dichlorobenzene	ND		0.50		ug/L			10/17/14 09:08	1
1,3-Dichloropropane	ND		1.0		ug/L			10/17/14 09:08	1
1,1-Dichloropropene	ND		0.50		ug/L			10/17/14 09:08	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			10/17/14 09:08	1
Ethylene Dibromide	ND		0.50		ug/L			10/17/14 09:08	1
Dibromomethane	ND		0.50		ug/L			10/17/14 09:08	1
Dichlorodifluoromethane	ND		0.50		ug/L			10/17/14 09:08	1
1,1-Dichloroethane	ND		0.50		ug/L			10/17/14 09:08	1
1,2-Dichloroethane	ND		0.50		ug/L			10/17/14 09:08	1
1,1-Dichloroethene	ND		0.50		ug/L			10/17/14 09:08	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			10/17/14 09:08	1

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60476-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 720-169031/4

Matrix: Water

Analysis Batch: 169031

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND		0.50		ug/L			10/17/14 09:08	1
1,2-Dichloropropane	ND		0.50		ug/L			10/17/14 09:08	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			10/17/14 09:08	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			10/17/14 09:08	1
Ethylbenzene	ND		0.50		ug/L			10/17/14 09:08	1
Hexachlorobutadiene	ND		1.0		ug/L			10/17/14 09:08	1
2-Hexanone	ND		50		ug/L			10/17/14 09:08	1
Isopropylbenzene	ND		0.50		ug/L			10/17/14 09:08	1
4-Isopropyltoluene	ND		1.0		ug/L			10/17/14 09:08	1
Methylene Chloride	ND		5.0		ug/L			10/17/14 09:08	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			10/17/14 09:08	1
Naphthalene	ND		1.0		ug/L			10/17/14 09:08	1
N-Propylbenzene	ND		1.0		ug/L			10/17/14 09:08	1
Styrene	ND		0.50		ug/L			10/17/14 09:08	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			10/17/14 09:08	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			10/17/14 09:08	1
Tetrachloroethene	ND		0.50		ug/L			10/17/14 09:08	1
Toluene	ND		0.50		ug/L			10/17/14 09:08	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			10/17/14 09:08	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			10/17/14 09:08	1
1,1,1-Trichloroethane	ND		0.50		ug/L			10/17/14 09:08	1
1,1,2-Trichloroethane	ND		0.50		ug/L			10/17/14 09:08	1
Trichloroethene	ND		0.50		ug/L			10/17/14 09:08	1
Trichlorofluoromethane	ND		1.0		ug/L			10/17/14 09:08	1
1,2,3-Trichloropropane	ND		0.50		ug/L			10/17/14 09:08	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			10/17/14 09:08	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			10/17/14 09:08	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			10/17/14 09:08	1
Vinyl acetate	ND		10		ug/L			10/17/14 09:08	1
Vinyl chloride	ND		0.50		ug/L			10/17/14 09:08	1
Xylenes, Total	ND		1.0		ug/L			10/17/14 09:08	1
2,2-Dichloropropane	ND		0.50		ug/L			10/17/14 09:08	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	91		67 - 130		10/17/14 09:08	1
1,2-Dichloroethane-d4 (Surr)	84		72 - 130		10/17/14 09:08	1
Toluene-d8 (Surr)	93		70 - 130		10/17/14 09:08	1

Lab Sample ID: LCS 720-169031/5

Matrix: Water

Analysis Batch: 169031

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl tert-butyl ether	25.0	21.7		ug/L		87	62 - 130
Acetone	125	118		ug/L		95	26 - 180
Benzene	25.0	23.6		ug/L		95	79 - 130
Dichlorobromomethane	25.0	22.3		ug/L		89	70 - 130
Bromobenzene	25.0	24.7		ug/L		99	70 - 130

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60476-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 720-169031/5

Matrix: Water

Analysis Batch: 169031

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chlorobromomethane	25.0	22.8		ug/L		91	70 - 130
Bromoform	25.0	26.2		ug/L		105	68 - 136
Bromomethane	25.0	23.7		ug/L		95	43 - 151
2-Butanone (MEK)	125	124		ug/L		100	54 - 130
n-Butylbenzene	25.0	26.6		ug/L		106	70 - 142
sec-Butylbenzene	25.0	25.8		ug/L		103	70 - 134
tert-Butylbenzene	25.0	25.4		ug/L		102	70 - 135
Carbon disulfide	25.0	22.7		ug/L		91	58 - 130
Carbon tetrachloride	25.0	25.6		ug/L		102	70 - 146
Chlorobenzene	25.0	24.8		ug/L		99	70 - 130
Chloroethane	25.0	23.4		ug/L		94	62 - 138
Chloroform	25.0	23.1		ug/L		92	70 - 130
Chloromethane	25.0	23.4		ug/L		94	52 - 175
2-Chlorotoluene	25.0	24.6		ug/L		99	70 - 130
4-Chlorotoluene	25.0	24.8		ug/L		99	70 - 130
Chlorodibromomethane	25.0	23.9		ug/L		96	70 - 145
1,2-Dichlorobenzene	25.0	24.6		ug/L		99	70 - 130
1,3-Dichlorobenzene	25.0	24.9		ug/L		99	70 - 130
1,4-Dichlorobenzene	25.0	24.8		ug/L		99	70 - 130
1,3-Dichloropropane	25.0	22.8		ug/L		91	70 - 130
1,1-Dichloropropene	25.0	26.9		ug/L		108	70 - 130
1,2-Dibromo-3-Chloropropane	25.0	27.5		ug/L		110	70 - 136
Ethylene Dibromide	25.0	24.1		ug/L		96	70 - 130
Dibromomethane	25.0	22.9		ug/L		92	70 - 130
Dichlorodifluoromethane	25.0	26.5		ug/L		106	34 - 132
1,1-Dichloroethane	25.0	23.2		ug/L		93	70 - 130
1,2-Dichloroethane	25.0	21.9		ug/L		88	61 - 132
1,1-Dichloroethene	25.0	22.9		ug/L		92	64 - 128
cis-1,2-Dichloroethene	25.0	23.0		ug/L		92	70 - 130
trans-1,2-Dichloroethene	25.0	24.0		ug/L		96	68 - 130
1,2-Dichloropropane	25.0	21.5		ug/L		86	70 - 130
cis-1,3-Dichloropropene	25.0	24.2		ug/L		97	70 - 130
trans-1,3-Dichloropropene	25.0	26.4		ug/L		106	70 - 140
Ethylbenzene	25.0	25.0		ug/L		100	80 - 120
Hexachlorobutadiene	25.0	27.3		ug/L		109	70 - 130
2-Hexanone	125	107		ug/L		85	60 - 164
Isopropylbenzene	25.0	26.2		ug/L		105	70 - 130
4-Isopropyltoluene	25.0	25.5		ug/L		102	70 - 130
Methylene Chloride	25.0	21.7		ug/L		87	70 - 147
4-Methyl-2-pentanone (MIBK)	125	105		ug/L		84	58 - 130
Naphthalene	25.0	25.4		ug/L		102	70 - 130
N-Propylbenzene	25.0	25.8		ug/L		103	70 - 130
Styrene	25.0	24.6		ug/L		98	70 - 130
1,1,1,2-Tetrachloroethane	25.0	24.5		ug/L		98	70 - 130
1,1,2,2-Tetrachloroethane	25.0	25.3		ug/L		101	70 - 130
Tetrachloroethene	25.0	26.3		ug/L		105	70 - 130
Toluene	25.0	24.9		ug/L		100	78 - 120
1,2,3-Trichlorobenzene	25.0	25.2		ug/L		101	70 - 130

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60476-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 720-169031/5

Matrix: Water

Analysis Batch: 169031

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	25.0	26.6		ug/L		106	70 - 130
1,1,1-Trichloroethane	25.0	24.7		ug/L		99	70 - 130
1,1,2-Trichloroethane	25.0	23.5		ug/L		94	70 - 130
Trichloroethene	25.0	25.2		ug/L		101	70 - 130
Trichlorofluoromethane	25.0	25.7		ug/L		103	66 - 132
1,2,3-Trichloropropane	25.0	26.3		ug/L		105	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	24.5		ug/L		98	42 - 162
1,2,4-Trimethylbenzene	25.0	24.6		ug/L		98	70 - 132
1,3,5-Trimethylbenzene	25.0	25.1		ug/L		100	70 - 130
Vinyl acetate	25.0	21.4		ug/L		86	43 - 163
Vinyl chloride	25.0	24.3		ug/L		97	54 - 135
m-Xylene & p-Xylene	25.0	25.0		ug/L		100	70 - 142
o-Xylene	25.0	24.3		ug/L		97	70 - 130
2,2-Dichloropropane	25.0	26.2		ug/L		105	70 - 140

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	92		67 - 130
1,2-Dichloroethane-d4 (Surr)	80		72 - 130
Toluene-d8 (Surr)	92		70 - 130

Lab Sample ID: LCSD 720-169031/6

Matrix: Water

Analysis Batch: 169031

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Methyl tert-butyl ether	25.0	22.4		ug/L		90	62 - 130	3	20
Acetone	125	121		ug/L		96	26 - 180	2	30
Benzene	25.0	23.6		ug/L		94	79 - 130	0	20
Dichlorobromomethane	25.0	23.0		ug/L		92	70 - 130	3	20
Bromobenzene	25.0	24.5		ug/L		98	70 - 130	1	20
Chlorobromomethane	25.0	23.5		ug/L		94	70 - 130	3	20
Bromoform	25.0	26.3		ug/L		105	68 - 136	0	20
Bromomethane	25.0	23.2		ug/L		93	43 - 151	2	20
2-Butanone (MEK)	125	124		ug/L		99	54 - 130	1	20
n-Butylbenzene	25.0	25.7		ug/L		103	70 - 142	3	20
sec-Butylbenzene	25.0	25.5		ug/L		102	70 - 134	1	20
tert-Butylbenzene	25.0	25.0		ug/L		100	70 - 135	2	20
Carbon disulfide	25.0	22.5		ug/L		90	58 - 130	1	20
Carbon tetrachloride	25.0	25.0		ug/L		100	70 - 146	2	20
Chlorobenzene	25.0	25.0		ug/L		100	70 - 130	1	20
Chloroethane	25.0	23.0		ug/L		92	62 - 138	2	20
Chloroform	25.0	23.5		ug/L		94	70 - 130	2	20
Chloromethane	25.0	21.9		ug/L		88	52 - 175	7	20
2-Chlorotoluene	25.0	24.1		ug/L		97	70 - 130	2	20
4-Chlorotoluene	25.0	24.3		ug/L		97	70 - 130	2	20
Chlorodibromomethane	25.0	24.8		ug/L		99	70 - 145	4	20
1,2-Dichlorobenzene	25.0	24.4		ug/L		98	70 - 130	1	20

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60476-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 720-169031/6

Matrix: Water

Analysis Batch: 169031

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike	LCSD	LCSD	Unit	D	%Rec	%Rec.	RPD	RPD
	Added	Result	Qualifier				Limits		
1,3-Dichlorobenzene	25.0	24.9		ug/L		100	70 - 130	0	20
1,4-Dichlorobenzene	25.0	25.1		ug/L		101	70 - 130	1	20
1,3-Dichloropropane	25.0	23.7		ug/L		95	70 - 130	4	20
1,1-Dichloropropene	25.0	26.9		ug/L		107	70 - 130	0	20
1,2-Dibromo-3-Chloropropane	25.0	27.6		ug/L		110	70 - 136	0	20
Ethylene Dibromide	25.0	24.6		ug/L		98	70 - 130	2	20
Dibromomethane	25.0	23.9		ug/L		96	70 - 130	4	20
Dichlorodifluoromethane	25.0	25.3		ug/L		101	34 - 132	5	20
1,1-Dichloroethane	25.0	23.5		ug/L		94	70 - 130	1	20
1,2-Dichloroethane	25.0	22.7		ug/L		91	61 - 132	3	20
1,1-Dichloroethene	25.0	22.4		ug/L		90	64 - 128	2	20
cis-1,2-Dichloroethene	25.0	23.1		ug/L		93	70 - 130	1	20
trans-1,2-Dichloroethene	25.0	24.7		ug/L		99	68 - 130	3	20
1,2-Dichloropropane	25.0	22.8		ug/L		91	70 - 130	6	20
cis-1,3-Dichloropropene	25.0	24.4		ug/L		98	70 - 130	1	20
trans-1,3-Dichloropropene	25.0	27.9		ug/L		112	70 - 140	6	20
Ethylbenzene	25.0	24.8		ug/L		99	80 - 120	0	20
Hexachlorobutadiene	25.0	26.0		ug/L		104	70 - 130	5	20
2-Hexanone	125	107		ug/L		85	60 - 164	0	20
Isopropylbenzene	25.0	26.0		ug/L		104	70 - 130	1	20
4-Isopropyltoluene	25.0	24.8		ug/L		99	70 - 130	3	20
Methylene Chloride	25.0	22.3		ug/L		89	70 - 147	3	20
4-Methyl-2-pentanone (MIBK)	125	108		ug/L		87	58 - 130	2	20
Naphthalene	25.0	25.0		ug/L		100	70 - 130	2	20
N-Propylbenzene	25.0	25.1		ug/L		100	70 - 130	3	20
Styrene	25.0	25.2		ug/L		101	70 - 130	2	20
1,1,1,2-Tetrachloroethane	25.0	25.2		ug/L		101	70 - 130	3	20
1,1,1,2,2-Tetrachloroethane	25.0	24.6		ug/L		99	70 - 130	3	20
Tetrachloroethene	25.0	26.2		ug/L		105	70 - 130	0	20
Toluene	25.0	24.6		ug/L		98	78 - 120	1	20
1,2,3-Trichlorobenzene	25.0	24.7		ug/L		99	70 - 130	2	20
1,2,4-Trichlorobenzene	25.0	25.9		ug/L		104	70 - 130	3	20
1,1,1-Trichloroethane	25.0	24.3		ug/L		97	70 - 130	1	20
1,1,2-Trichloroethane	25.0	24.6		ug/L		98	70 - 130	4	20
Trichloroethene	25.0	25.1		ug/L		100	70 - 130	0	20
Trichlorofluoromethane	25.0	24.9		ug/L		100	66 - 132	3	20
1,2,3-Trichloropropane	25.0	25.7		ug/L		103	70 - 130	2	20
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	23.6		ug/L		95	42 - 162	3	20
1,2,4-Trimethylbenzene	25.0	24.1		ug/L		97	70 - 132	2	20
1,3,5-Trimethylbenzene	25.0	24.8		ug/L		99	70 - 130	1	20
Vinyl acetate	25.0	20.6		ug/L		82	43 - 163	4	20
Vinyl chloride	25.0	23.7		ug/L		95	54 - 135	2	20
m-Xylene & p-Xylene	25.0	24.7		ug/L		99	70 - 142	1	20
o-Xylene	25.0	24.5		ug/L		98	70 - 130	1	20
2,2-Dichloropropane	25.0	25.0		ug/L		100	70 - 140	5	20

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60476-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 720-169031/6

Matrix: Water

Analysis Batch: 169031

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene	94		67 - 130
1,2-Dichloroethane-d4 (Surr)	83		72 - 130
Toluene-d8 (Surr)	92		70 - 130

Lab Sample ID: 720-60417-A-3 MS

Matrix: Water

Analysis Batch: 169031

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.
	Result	Qualifier	Added	Result	Qualifier				Limits
Methyl tert-butyl ether	ND		25.0	21.9		ug/L		88	60 - 138
Acetone	ND		125	88.9		ug/L		71	60 - 140
Benzene	ND		25.0	24.4		ug/L		96	60 - 140
Dichlorobromomethane	ND		25.0	23.3		ug/L		93	60 - 140
Bromobenzene	ND		25.0	24.7		ug/L		99	60 - 140
Chlorobromomethane	ND		25.0	23.3		ug/L		93	60 - 140
Bromoform	ND		25.0	24.9		ug/L		100	56 - 140
Bromomethane	ND		25.0	22.1		ug/L		88	23 - 140
2-Butanone (MEK)	ND		125	99.8		ug/L		80	60 - 140
n-Butylbenzene	ND		25.0	25.1		ug/L		100	60 - 140
sec-Butylbenzene	ND		25.0	24.8		ug/L		99	60 - 140
tert-Butylbenzene	ND		25.0	24.5		ug/L		98	60 - 140
Carbon disulfide	ND		25.0	22.0		ug/L		88	38 - 140
Carbon tetrachloride	ND		25.0	24.8		ug/L		99	60 - 140
Chlorobenzene	ND		25.0	25.0		ug/L		100	60 - 140
Chloroethane	ND		25.0	22.3		ug/L		89	51 - 140
Chloroform	ND		25.0	23.6		ug/L		95	60 - 140
Chloromethane	ND		25.0	21.3		ug/L		85	52 - 140
2-Chlorotoluene	ND		25.0	24.1		ug/L		96	60 - 140
4-Chlorotoluene	ND		25.0	24.4		ug/L		97	60 - 140
Chlorodibromomethane	ND		25.0	24.6		ug/L		98	60 - 140
1,2-Dichlorobenzene	ND		25.0	24.4		ug/L		98	60 - 140
1,3-Dichlorobenzene	ND		25.0	24.8		ug/L		99	60 - 140
1,4-Dichlorobenzene	ND		25.0	25.1		ug/L		100	60 - 140
1,3-Dichloropropane	ND		25.0	23.3		ug/L		93	60 - 140
1,1-Dichloropropene	ND		25.0	26.0		ug/L		104	60 - 140
1,2-Dibromo-3-Chloropropane	ND		25.0	23.5		ug/L		94	60 - 140
Ethylene Dibromide	ND		25.0	23.9		ug/L		96	60 - 140
Dibromomethane	ND		25.0	23.0		ug/L		92	60 - 140
Dichlorodifluoromethane	ND		25.0	23.4		ug/L		94	38 - 140
1,1-Dichloroethane	ND		25.0	23.4		ug/L		94	60 - 140
1,2-Dichloroethane	ND		25.0	22.2		ug/L		89	60 - 140
1,1-Dichloroethene	ND		25.0	21.8		ug/L		87	60 - 140
cis-1,2-Dichloroethene	ND		25.0	23.2		ug/L		93	60 - 140
trans-1,2-Dichloroethene	ND		25.0	24.2		ug/L		97	60 - 140
1,2-Dichloropropane	ND		25.0	23.4		ug/L		93	60 - 140
cis-1,3-Dichloropropene	ND		25.0	24.8		ug/L		99	60 - 140
trans-1,3-Dichloropropene	ND		25.0	27.2		ug/L		109	60 - 140
Ethylbenzene	ND		25.0	24.6		ug/L		98	60 - 140

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60476-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 720-60417-A-3 MS

Matrix: Water

Analysis Batch: 169031

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier	Added	Result	Qualifier				
Hexachlorobutadiene	ND		25.0	25.3		ug/L		101	60 - 140
2-Hexanone	ND		125	89.3		ug/L		71	60 - 140
Isopropylbenzene	ND		25.0	25.4		ug/L		101	60 - 140
4-Isopropyltoluene	ND		25.0	24.6		ug/L		98	60 - 140
Methylene Chloride	ND		25.0	22.2		ug/L		89	40 - 140
4-Methyl-2-pentanone (MIBK)	ND		125	92.1		ug/L		74	58 - 130
Naphthalene	ND		25.0	23.3		ug/L		92	56 - 140
N-Propylbenzene	ND		25.0	24.7		ug/L		99	60 - 140
Styrene	ND		25.0	24.7		ug/L		99	60 - 140
1,1,1,2-Tetrachloroethane	ND		25.0	24.9		ug/L		100	60 - 140
1,1,2,2-Tetrachloroethane	ND		25.0	22.8		ug/L		91	60 - 140
Tetrachloroethene	ND		25.0	25.6		ug/L		103	60 - 140
Toluene	ND		25.0	24.5		ug/L		98	60 - 140
1,2,3-Trichlorobenzene	ND		25.0	24.8		ug/L		99	60 - 140
1,2,4-Trichlorobenzene	ND		25.0	26.2		ug/L		105	60 - 140
1,1,1-Trichloroethane	ND		25.0	24.2		ug/L		97	60 - 140
1,1,2-Trichloroethane	ND		25.0	23.6		ug/L		94	60 - 140
Trichloroethene	ND		25.0	24.9		ug/L		100	60 - 140
Trichlorofluoromethane	ND		25.0	23.7		ug/L		95	60 - 140
1,2,3-Trichloropropane	ND		25.0	23.1		ug/L		92	60 - 140
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	22.7		ug/L		91	60 - 140
1,2,4-Trimethylbenzene	ND		25.0	24.3		ug/L		97	60 - 140
1,3,5-Trimethylbenzene	ND		25.0	24.5		ug/L		98	60 - 140
Vinyl acetate	ND		25.0	18.7		ug/L		75	40 - 140
Vinyl chloride	ND		25.0	22.4		ug/L		90	58 - 140
m-Xylene & p-Xylene	ND		25.0	24.5		ug/L		98	60 - 140
o-Xylene	ND		25.0	24.6		ug/L		98	60 - 140
2,2-Dichloropropane	ND		25.0	24.7		ug/L		99	60 - 140

Surrogate	MS MS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene	93		67 - 130
1,2-Dichloroethane-d4 (Surr)	82		72 - 130
Toluene-d8 (Surr)	94		70 - 130

Lab Sample ID: 720-60417-A-3 MSD

Matrix: Water

Analysis Batch: 169031

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec. Limits	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier						
Methyl tert-butyl ether	ND		25.0	21.7		ug/L		87	60 - 138	1	20
Acetone	ND		125	92.0		ug/L		74	60 - 140	3	20
Benzene	ND		25.0	24.1		ug/L		95	60 - 140	1	20
Dichlorobromomethane	ND		25.0	22.4		ug/L		90	60 - 140	4	20
Bromobenzene	ND		25.0	24.6		ug/L		98	60 - 140	1	20
Chlorobromomethane	ND		25.0	22.8		ug/L		91	60 - 140	2	20
Bromoform	ND		25.0	23.7		ug/L		95	56 - 140	5	20
Bromomethane	ND		25.0	23.1		ug/L		92	23 - 140	4	20

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60476-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 720-60417-A-3 MSD

Matrix: Water

Analysis Batch: 169031

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		Limit
2-Butanone (MEK)	ND		125	104		ug/L		83	60 - 140	4	20
n-Butylbenzene	ND		25.0	25.0		ug/L		100	60 - 140	0	20
sec-Butylbenzene	ND		25.0	25.0		ug/L		100	60 - 140	1	20
tert-Butylbenzene	ND		25.0	24.3		ug/L		97	60 - 140	1	20
Carbon disulfide	ND		25.0	22.0		ug/L		88	38 - 140	0	20
Carbon tetrachloride	ND		25.0	24.8		ug/L		99	60 - 140	0	20
Chlorobenzene	ND		25.0	23.9		ug/L		96	60 - 140	4	20
Chloroethane	ND		25.0	22.5		ug/L		90	51 - 140	1	20
Chloroform	ND		25.0	23.0		ug/L		92	60 - 140	3	20
Chloromethane	ND		25.0	20.9		ug/L		84	52 - 140	2	20
2-Chlorotoluene	ND		25.0	23.8		ug/L		95	60 - 140	1	20
4-Chlorotoluene	ND		25.0	23.9		ug/L		96	60 - 140	2	20
Chlorodibromomethane	ND		25.0	24.1		ug/L		96	60 - 140	2	20
1,2-Dichlorobenzene	ND		25.0	24.2		ug/L		97	60 - 140	1	20
1,3-Dichlorobenzene	ND		25.0	24.5		ug/L		98	60 - 140	1	20
1,4-Dichlorobenzene	ND		25.0	24.4		ug/L		98	60 - 140	3	20
1,3-Dichloropropane	ND		25.0	22.9		ug/L		92	60 - 140	2	20
1,1-Dichloropropene	ND		25.0	25.7		ug/L		103	60 - 140	1	20
1,2-Dibromo-3-Chloropropane	ND		25.0	24.5		ug/L		98	60 - 140	4	20
Ethylene Dibromide	ND		25.0	23.5		ug/L		94	60 - 140	2	20
Dibromomethane	ND		25.0	23.0		ug/L		92	60 - 140	0	20
Dichlorodifluoromethane	ND		25.0	24.4		ug/L		98	38 - 140	4	20
1,1-Dichloroethane	ND		25.0	23.1		ug/L		92	60 - 140	1	20
1,2-Dichloroethane	ND		25.0	21.8		ug/L		87	60 - 140	2	20
1,1-Dichloroethene	ND		25.0	21.5		ug/L		86	60 - 140	1	20
cis-1,2-Dichloroethene	ND		25.0	23.1		ug/L		92	60 - 140	0	20
trans-1,2-Dichloroethene	ND		25.0	23.9		ug/L		96	60 - 140	1	20
1,2-Dichloropropane	ND		25.0	22.7		ug/L		91	60 - 140	3	20
cis-1,3-Dichloropropene	ND		25.0	24.4		ug/L		98	60 - 140	2	20
trans-1,3-Dichloropropene	ND		25.0	26.7		ug/L		107	60 - 140	2	20
Ethylbenzene	ND		25.0	23.8		ug/L		95	60 - 140	3	20
Hexachlorobutadiene	ND		25.0	25.3		ug/L		101	60 - 140	0	20
2-Hexanone	ND		125	91.3		ug/L		73	60 - 140	2	20
Isopropylbenzene	ND		25.0	24.7		ug/L		99	60 - 140	3	20
4-Isopropyltoluene	ND		25.0	24.4		ug/L		98	60 - 140	1	20
Methylene Chloride	ND		25.0	22.0		ug/L		88	40 - 140	1	20
4-Methyl-2-pentanone (MIBK)	ND		125	94.9		ug/L		76	58 - 130	3	20
Naphthalene	ND		25.0	23.5		ug/L		93	56 - 140	1	20
N-Propylbenzene	ND		25.0	24.7		ug/L		99	60 - 140	0	20
Styrene	ND		25.0	23.9		ug/L		96	60 - 140	3	20
1,1,1,2-Tetrachloroethane	ND		25.0	24.1		ug/L		96	60 - 140	3	20
1,1,2,2-Tetrachloroethane	ND		25.0	22.9		ug/L		92	60 - 140	1	20
Tetrachloroethene	ND		25.0	25.5		ug/L		102	60 - 140	1	20
Toluene	ND		25.0	23.7		ug/L		95	60 - 140	3	20
1,2,3-Trichlorobenzene	ND		25.0	24.9		ug/L		99	60 - 140	0	20
1,2,4-Trichlorobenzene	ND		25.0	25.6		ug/L		102	60 - 140	2	20
1,1,1-Trichloroethane	ND		25.0	24.1		ug/L		97	60 - 140	0	20
1,1,2-Trichloroethane	ND		25.0	24.0		ug/L		96	60 - 140	2	20

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60476-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 720-60417-A-3 MSD

Matrix: Water

Analysis Batch: 169031

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		
Trichloroethene	ND		25.0	24.7		ug/L		99	60 - 140	1	20
Trichlorofluoromethane	ND		25.0	24.4		ug/L		98	60 - 140	3	20
1,2,3-Trichloropropane	ND		25.0	23.2		ug/L		93	60 - 140	0	20
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	23.1		ug/L		93	60 - 140	2	20
1,2,4-Trimethylbenzene	ND		25.0	24.2		ug/L		97	60 - 140	0	20
1,3,5-Trimethylbenzene	ND		25.0	24.3		ug/L		97	60 - 140	1	20
Vinyl acetate	ND		25.0	19.5		ug/L		78	40 - 140	4	20
Vinyl chloride	ND		25.0	23.1		ug/L		92	58 - 140	3	20
m-Xylene & p-Xylene	ND		25.0	23.9		ug/L		96	60 - 140	3	20
o-Xylene	ND		25.0	23.8		ug/L		95	60 - 140	3	20
2,2-Dichloropropane	ND		25.0	24.9		ug/L		100	60 - 140	1	20

Surrogate	MSD %Recovery	MSD Qualifier	MSD Limits
4-Bromofluorobenzene	91		67 - 130
1,2-Dichloroethane-d4 (Surr)	83		72 - 130
Toluene-d8 (Surr)	95		70 - 130

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 720-168778/1-A

Matrix: Water

Analysis Batch: 168855

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 168778

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Phenol	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Bis(2-chloroethyl)ether	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
2-Chlorophenol	ND		4.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
1,3-Dichlorobenzene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
1,4-Dichlorobenzene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Benzyl alcohol	ND		5.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
1,2-Dichlorobenzene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
2-Methylphenol	ND		4.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
4-Methylphenol	ND		8.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
N-Nitrosodi-n-propylamine	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Hexachloroethane	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Nitrobenzene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Isophorone	ND		4.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
2-Nitrophenol	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
2,4-Dimethylphenol	ND		3.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Bis(2-chloroethoxy)methane	ND		5.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
2,4-Dichlorophenol	ND		5.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
1,2,4-Trichlorobenzene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Naphthalene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
4-Chloroaniline	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Hexachlorobutadiene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
4-Chloro-3-methylphenol	ND		5.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
2-Methylnaphthalene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60476-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 720-168778/1-A

Matrix: Water

Analysis Batch: 168855

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 168778

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Hexachlorocyclopentadiene	ND		5.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
2,4,6-Trichlorophenol	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
2,4,5-Trichlorophenol	ND		4.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
2-Chloronaphthalene	ND		4.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
2-Nitroaniline	ND		10		ug/L		10/14/14 10:04	10/15/14 17:11	1
Dimethyl phthalate	ND		5.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Acenaphthylene	ND		4.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
3-Nitroaniline	ND		5.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Acenaphthene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
2,4-Dinitrophenol	ND		10		ug/L		10/14/14 10:04	10/15/14 17:11	1
4-Nitrophenol	ND		10		ug/L		10/14/14 10:04	10/15/14 17:11	1
Dibenzofuran	ND		4.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
2,4-Dinitrotoluene	ND		4.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
2,6-Dinitrotoluene	ND		5.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Diethyl phthalate	ND		5.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
4-Chlorophenyl phenyl ether	ND		5.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Fluorene	ND		4.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
4-Nitroaniline	ND		10		ug/L		10/14/14 10:04	10/15/14 17:11	1
2-Methyl-4,6-dinitrophenol	ND		10		ug/L		10/14/14 10:04	10/15/14 17:11	1
N-Nitrosodiphenylamine	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
4-Bromophenyl phenyl ether	ND		5.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Hexachlorobenzene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Pentachlorophenol	ND		10		ug/L		10/14/14 10:04	10/15/14 17:11	1
Phenanthrene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Anthracene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Di-n-butyl phthalate	ND		5.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Fluoranthene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Pyrene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Butyl benzyl phthalate	ND		5.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
3,3'-Dichlorobenzidine	ND		5.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Benzo[a]anthracene	ND		5.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Bis(2-ethylhexyl) phthalate	ND		10		ug/L		10/14/14 10:04	10/15/14 17:11	1
Chrysene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Di-n-octyl phthalate	ND		5.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Benzo[b]fluoranthene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Benzo[a]pyrene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Benzo[k]fluoranthene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Indeno[1,2,3-cd]pyrene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Benzo[g,h,i]perylene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Benzoic acid	ND		10		ug/L		10/14/14 10:04	10/15/14 17:11	1
Azobenzene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Dibenz(a,h)anthracene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
Nitrobenzene-d5	46		11 - 92	10/14/14 10:04	10/15/14 17:11	1
2-Fluorobiphenyl	46		10 - 101	10/14/14 10:04	10/15/14 17:11	1
Terphenyl-d14	75		34 - 128	10/14/14 10:04	10/15/14 17:11	1
2-Fluorophenol	23		10 - 65	10/14/14 10:04	10/15/14 17:11	1

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60476-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 720-168778/1-A

Matrix: Water

Analysis Batch: 168855

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 168778

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
Phenol-d5	13		10 - 46	10/14/14 10:04	10/15/14 17:11	1
2,4,6-Tribromophenol	44		17 - 115	10/14/14 10:04	10/15/14 17:11	1

Lab Sample ID: LCS 720-168778/2-A

Matrix: Water

Analysis Batch: 168855

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 168778

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.
							Limits
Phenol	40.0	5.72		ug/L		14	10 - 115
Bis(2-chloroethyl)ether	40.0	14.2		ug/L		35	12 - 115
2-Chlorophenol	40.0	11.2		ug/L		28	14 - 115
1,3-Dichlorobenzene	40.0	11.8		ug/L		30	13 - 115
1,4-Dichlorobenzene	40.0	11.8		ug/L		30	14 - 115
Benzyl alcohol	40.0	12.8		ug/L		32	19 - 115
1,2-Dichlorobenzene	40.0	12.0		ug/L		30	10 - 115
2-Methylphenol	40.0	11.7		ug/L		29	13 - 115
4-Methylphenol	40.0	10.4		ug/L		26	10 - 115
N-Nitrosodi-n-propylamine	40.0	13.8		ug/L		35	17 - 115
Hexachloroethane	40.0	11.9		ug/L		30	9 - 115
Nitrobenzene	40.0	13.6		ug/L		34	18 - 115
Isophorone	40.0	14.7		ug/L		37	18 - 134
2-Nitrophenol	40.0	13.6		ug/L		34	14 - 115
2,4-Dimethylphenol	40.0	13.7		ug/L		34	10 - 119
Bis(2-chloroethoxy)methane	40.0	13.5		ug/L		34	10 - 119
2,4-Dichlorophenol	40.0	12.9		ug/L		32	13 - 118
1,2,4-Trichlorobenzene	40.0	12.4		ug/L		31	10 - 115
Naphthalene	40.0	12.9		ug/L		32	12 - 115
4-Chloroaniline	40.0	19.7		ug/L		49	26 - 115
Hexachlorobutadiene	40.0	11.7		ug/L		29	12 - 115
4-Chloro-3-methylphenol	40.0	14.7		ug/L		37	19 - 128
2-Methylnaphthalene	40.0	13.3		ug/L		33	16 - 115
Hexachlorocyclopentadiene	40.0	10.4		ug/L		26	10 - 115
2,4,6-Trichlorophenol	40.0	15.7		ug/L		39	20 - 120
2,4,5-Trichlorophenol	40.0	16.7		ug/L		42	22 - 117
2-Chloronaphthalene	40.0	14.7		ug/L		37	17 - 115
2-Nitroaniline	40.0	21.2		ug/L		53	37 - 119
Dimethyl phthalate	40.0	23.3		ug/L		58	48 - 127
Acenaphthylene	40.0	15.6		ug/L		39	29 - 129
3-Nitroaniline	40.0	23.3		ug/L		58	40 - 115
Acenaphthene	40.0	15.8		ug/L		39	25 - 115
2,4-Dinitrophenol	80.0	49.7		ug/L		62	44 - 116
4-Nitrophenol	80.0	26.5		ug/L		33	20 - 115
Dibenzofuran	40.0	16.6		ug/L		42	28 - 115
2,4-Dinitrotoluene	40.0	27.9		ug/L		70	42 - 115
2,6-Dinitrotoluene	40.0	21.8		ug/L		54	46 - 119
Diethyl phthalate	40.0	27.3		ug/L		68	44 - 115
4-Chlorophenyl phenyl ether	40.0	20.0		ug/L		50	32 - 115
Fluorene	40.0	18.6		ug/L		46	39 - 115

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60476-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 720-168778/2-A

Matrix: Water

Analysis Batch: 168855

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 168778

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4-Nitroaniline	40.0	30.5		ug/L		76	46 - 115
2-Methyl-4,6-dinitrophenol	80.0	58.6		ug/L		73	42 - 135
N-Nitrosodiphenylamine	40.0	23.9		ug/L		60	41 - 115
4-Bromophenyl phenyl ether	40.0	20.9		ug/L		52	42 - 115
Hexachlorobenzene	40.0	22.5		ug/L		56	49 - 115
Pentachlorophenol	80.0	57.2		ug/L		71	42 - 121
Phenanthrene	40.0	25.3		ug/L		63	54 - 115
Anthracene	40.0	26.1		ug/L		65	54 - 115
Di-n-butyl phthalate	40.0	29.1		ug/L		73	58 - 115
Fluoranthene	40.0	28.5		ug/L		71	65 - 115
Pyrene	40.0	29.7		ug/L		74	53 - 115
Butyl benzyl phthalate	40.0	30.6		ug/L		76	37 - 115
3,3'-Dichlorobenzidine	40.0	19.3		ug/L		48	24 - 110
Benzo[a]anthracene	40.0	29.0		ug/L		73	56 - 115
Bis(2-ethylhexyl) phthalate	40.0	30.9		ug/L		77	59 - 115
Chrysene	40.0	28.1		ug/L		70	50 - 115
Di-n-octyl phthalate	40.0	30.4		ug/L		76	12 - 115
Benzo[b]fluoranthene	40.0	31.1		ug/L		78	50 - 115
Benzo[a]pyrene	40.0	29.7		ug/L		74	55 - 115
Benzo[k]fluoranthene	40.0	30.2		ug/L		75	60 - 115
Indeno[1,2,3-cd]pyrene	40.0	31.1		ug/L		78	49 - 117
Benzo[g,h,i]perylene	40.0	32.2		ug/L		81	54 - 115
Benzoic acid	40.0	7.10	J	ug/L		18	10 - 115
Azobenzene	40.0	20.8		ug/L		52	42 - 115
Dibenz(a,h)anthracene	40.0	31.9		ug/L		80	47 - 127

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Nitrobenzene-d5	35		11 - 92
2-Fluorobiphenyl	35		10 - 101
Terphenyl-d14	77		34 - 128
2-Fluorophenol	17		10 - 65
Phenol-d5	10		10 - 46
2,4,6-Tribromophenol	57		17 - 115

Lab Sample ID: LCSD 720-168778/3-A

Matrix: Water

Analysis Batch: 168855

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 168778

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Phenol	40.0	6.08		ug/L		15	10 - 115	6	51
Bis(2-chloroethyl)ether	40.0	15.4		ug/L		38	12 - 115	8	35
2-Chlorophenol	40.0	12.2		ug/L		31	14 - 115	9	40
1,3-Dichlorobenzene	40.0	12.9		ug/L		32	13 - 115	9	40
1,4-Dichlorobenzene	40.0	13.2		ug/L		33	14 - 115	11	41
Benzyl alcohol	40.0	13.8		ug/L		34	19 - 115	7	35
1,2-Dichlorobenzene	40.0	13.5		ug/L		34	10 - 115	12	35
2-Methylphenol	40.0	12.6		ug/L		32	13 - 115	8	35
4-Methylphenol	40.0	11.7		ug/L		29	10 - 115	12	35

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60476-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 720-168778/3-A

Matrix: Water

Analysis Batch: 168855

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 168778

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits		RPD	
							Lower	Upper	RPD	Limit
N-Nitrosodi-n-propylamine	40.0	15.2		ug/L		38	17 - 115		9	34
Hexachloroethane	40.0	12.9		ug/L		32	9 - 115		8	35
Nitrobenzene	40.0	15.4		ug/L		38	18 - 115		12	43
Isophorone	40.0	16.4		ug/L		41	18 - 134		11	39
2-Nitrophenol	40.0	15.1		ug/L		38	14 - 115		11	46
2,4-Dimethylphenol	40.0	14.5		ug/L		36	10 - 119		5	44
Bis(2-chloroethoxy)methane	40.0	15.2		ug/L		38	10 - 119		12	46
2,4-Dichlorophenol	40.0	14.1		ug/L		35	13 - 118		9	38
1,2,4-Trichlorobenzene	40.0	13.7		ug/L		34	10 - 115		10	51
Naphthalene	40.0	14.2		ug/L		36	12 - 115		10	42
4-Chloroaniline	40.0	19.1		ug/L		48	26 - 115		3	49
Hexachlorobutadiene	40.0	12.7		ug/L		32	12 - 115		9	46
4-Chloro-3-methylphenol	40.0	16.6		ug/L		41	19 - 128		12	40
2-Methylnaphthalene	40.0	14.6		ug/L		36	16 - 115		9	45
Hexachlorocyclopentadiene	40.0	11.4		ug/L		29	10 - 115		9	63
2,4,6-Trichlorophenol	40.0	18.3		ug/L		46	20 - 120		15	43
2,4,5-Trichlorophenol	40.0	19.9		ug/L		50	22 - 117		17	41
2-Chloronaphthalene	40.0	16.2		ug/L		41	17 - 115		10	49
2-Nitroaniline	40.0	24.2		ug/L		60	37 - 119		13	29
Dimethyl phthalate	40.0	24.8		ug/L		62	48 - 127		6	29
Acenaphthylene	40.0	17.9		ug/L		45	29 - 129		13	40
3-Nitroaniline	40.0	24.0		ug/L		60	40 - 115		3	30
Acenaphthene	40.0	18.3		ug/L		46	25 - 115		15	40
2,4-Dinitrophenol	80.0	51.6		ug/L		65	44 - 116		4	21
4-Nitrophenol	80.0	28.2		ug/L		35	20 - 115		6	32
Dibenzofuran	40.0	19.5		ug/L		49	28 - 115		16	46
2,4-Dinitrotoluene	40.0	29.9		ug/L		75	42 - 115		7	19
2,6-Dinitrotoluene	40.0	24.4		ug/L		61	46 - 119		12	26
Diethyl phthalate	40.0	28.2		ug/L		70	44 - 115		3	24
4-Chlorophenyl phenyl ether	40.0	22.7		ug/L		57	32 - 115		12	38
Fluorene	40.0	21.4		ug/L		53	39 - 115		14	39
4-Nitroaniline	40.0	30.9		ug/L		77	46 - 115		1	23
2-Methyl-4,6-dinitrophenol	80.0	60.4		ug/L		76	42 - 135		3	19
N-Nitrosodiphenylamine	40.0	25.6		ug/L		64	41 - 115		7	27
4-Bromophenyl phenyl ether	40.0	23.1		ug/L		58	42 - 115		10	29
Hexachlorobenzene	40.0	24.7		ug/L		62	49 - 115		9	28
Pentachlorophenol	80.0	57.8		ug/L		72	42 - 121		1	22
Phenanthrene	40.0	26.5		ug/L		66	54 - 115		5	35
Anthracene	40.0	26.8		ug/L		67	54 - 115		3	25
Di-n-butyl phthalate	40.0	30.4		ug/L		76	58 - 115		4	26
Fluoranthene	40.0	30.1		ug/L		75	65 - 115		5	26
Pyrene	40.0	30.9		ug/L		77	53 - 115		4	22
Butyl benzyl phthalate	40.0	32.3		ug/L		81	37 - 115		5	21
3,3'-Dichlorobenzidine	40.0	21.0		ug/L		52	24 - 110		8	30
Benzo[a]anthracene	40.0	30.3		ug/L		76	56 - 115		4	24
Bis(2-ethylhexyl) phthalate	40.0	31.9		ug/L		80	59 - 115		3	30
Chrysene	40.0	29.4		ug/L		73	50 - 115		4	24
Di-n-octyl phthalate	40.0	32.0		ug/L		80	12 - 115		5	27

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60476-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 720-168778/3-A

Matrix: Water

Analysis Batch: 168855

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 168778

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzo[b]fluoranthene	40.0	29.8		ug/L		75	50 - 115	4	31
Benzo[a]pyrene	40.0	30.7		ug/L		77	55 - 115	3	23
Benzo[k]fluoranthene	40.0	32.9		ug/L		82	60 - 115	9	39
Indeno[1,2,3-cd]pyrene	40.0	32.6		ug/L		82	49 - 117	5	19
Benzo[g,h,i]perylene	40.0	32.7		ug/L		82	54 - 115	2	35
Benzoic acid	40.0	7.74	J	ug/L		19	10 - 115	9	56
Azobenzene	40.0	23.1		ug/L		58	42 - 115	10	35
Dibenz(a,h)anthracene	40.0	33.3		ug/L		83	47 - 127	4	35

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
Nitrobenzene-d5	39		11 - 92
2-Fluorobiphenyl	41		10 - 101
Terphenyl-d14	82		34 - 128
2-Fluorophenol	18		10 - 65
Phenol-d5	11		10 - 46
2,4,6-Tribromophenol	64		17 - 115

Lab Sample ID: 720-60536-D-17-A MSD

Matrix: Water

Analysis Batch: 169051

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 168961

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Phenol	ND		40.9	6.47		ug/L		16	12 - 115	1	35
Bis(2-chloroethyl)ether	ND		40.9	17.0	F1	ug/L		41	43 - 126	1	35
2-Chlorophenol	ND		40.9	13.4		ug/L		33	23 - 134	3	25
1,3-Dichlorobenzene	ND		40.9	13.2		ug/L		32	17 - 153	1	35
1,4-Dichlorobenzene	ND		40.9	14.4	F1	ug/L		35	36 - 115	1	30
Benzyl alcohol	ND		40.9	15.2		ug/L		37	10 - 130	0	35
1,2-Dichlorobenzene	ND		40.9	14.1	F1	ug/L		34	49 - 115	5	35
2-Methylphenol	ND		40.9	14.0		ug/L		34	10 - 130	4	35
4-Methylphenol	ND		40.9	14.1		ug/L		34	10 - 130	5	35
N-Nitrosodi-n-propylamine	ND		40.9	16.6		ug/L		41	10 - 130	4	34
Hexachloroethane	ND		40.9	15.2	F1	ug/L		37	55 - 100	1	35
Nitrobenzene	ND		40.9	17.6	F1	ug/L		43	55 - 157	2	35
Isophorone	ND		40.9	17.6	F1	ug/L		43	47 - 180	0	35
2-Nitrophenol	ND		40.9	15.8	F1	ug/L		39	45 - 166	0	35
2,4-Dimethylphenol	ND		40.9	18.1		ug/L		44	42 - 109	1	35
Bis(2-chloroethoxy)methane	ND		40.9	15.5	F1	ug/L		38	43 - 164	1	35
2,4-Dichlorophenol	ND		40.9	15.8	F1	ug/L		39	53 - 121	1	35
1,2,4-Trichlorobenzene	ND		40.9	14.7	F1	ug/L		36	44 - 142	2	35
Naphthalene	ND		40.9	14.9		ug/L		36	36 - 119	0	35
4-Chloroaniline	ND		40.9	16.1		ug/L		39	10 - 130	2	35
Hexachlorobutadiene	ND		40.9	14.8	F1	ug/L		36	38 - 115	0	35
4-Chloro-3-methylphenol	ND		40.9	19.0		ug/L		46	22 - 147	6	31
2-Methylnaphthalene	ND		40.9	15.2		ug/L		37	10 - 130	0	35
Hexachlorocyclopentadiene	ND		40.9	9.76		ug/L		24	10 - 130	3	35
2,4,6-Trichlorophenol	ND		40.9	18.4	F1	ug/L		45	55 - 129	8	35
2,4,5-Trichlorophenol	ND		40.9	19.9		ug/L		49	20 - 120	9	35

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60476-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 720-60536-D-17-A MSD

Matrix: Water

Analysis Batch: 169051

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 168961

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
2-Chloronaphthalene	ND		40.9	16.2		ug/L		40	10 - 130	3	35
2-Nitroaniline	ND		40.9	23.4		ug/L		57	10 - 130	9	35
Dimethyl phthalate	ND		40.9	23.7		ug/L		58	10 - 130	7	35
Acenaphthylene	ND		40.9	17.1	F1	ug/L		42	54 - 126	5	35
3-Nitroaniline	ND		40.9	22.8		ug/L		56	10 - 130	3	35
Acenaphthene	ND		40.9	17.9	F1	ug/L		44	56 - 118	6	30
2,4-Dinitrophenol	ND		81.8	55.3		ug/L		68	10 - 130	7	35
4-Nitrophenol	ND		81.8	32.1		ug/L		39	1 - 132	5	35
Dibenzofuran	ND		40.9	18.4		ug/L		45	10 - 130	7	35
2,4-Dinitrotoluene	ND		40.9	25.7		ug/L		63	39 - 139	8	35
2,6-Dinitrotoluene	ND		40.9	22.0		ug/L		54	10 - 130	5	35
Diethyl phthalate	ND		40.9	27.2		ug/L		67	10 - 130	4	35
4-Chlorophenyl phenyl ether	ND		40.9	23.7		ug/L		58	39 - 144	5	35
Fluorene	ND		40.9	21.4	F1	ug/L		52	72 - 115	4	35
4-Nitroaniline	ND		40.9	31.3		ug/L		76	10 - 130	10	35
2-Methyl-4,6-dinitrophenol	ND		81.8	55.4		ug/L		68	53 - 115	6	35
N-Nitrosodiphenylamine	ND		40.9	24.0		ug/L		59	14 - 170	5	35
4-Bromophenyl phenyl ether	ND		40.9	21.0		ug/L		51	10 - 130	7	35
Hexachlorobenzene	ND		40.9	21.1		ug/L		52	8 - 140	6	35
Pentachlorophenol	ND		81.8	53.0		ug/L		65	45 - 125	6	35
Phenanthrene	ND		40.9	24.7		ug/L		60	44 - 125	5	35
Anthracene	ND		40.9	25.0		ug/L		61	44 - 118	6	35
Di-n-butyl phthalate	ND		40.9	26.9		ug/L		66	9 - 115	6	35
Fluoranthene	ND		40.9	25.2		ug/L		62	43 - 121	6	35
Pyrene	ND		40.9	25.7		ug/L		63	52 - 115	10	35
Butyl benzyl phthalate	ND		40.9	26.6		ug/L		65	10 - 139	10	35
3,3'-Dichlorobenzidine	ND		40.9	11.7		ug/L		29	9 - 150	11	35
Benzo[a]anthracene	ND		40.9	25.3		ug/L		62	42 - 133	9	35
Bis(2-ethylhexyl) phthalate	ND		40.9	29.1		ug/L		71	29 - 136	8	35
Chrysene	ND		40.9	25.8		ug/L		63	42 - 139	6	35
Di-n-octyl phthalate	ND		40.9	31.2		ug/L		76	10 - 130	7	35
Benzo[b]fluoranthene	ND		40.9	25.6		ug/L		63	42 - 140	2	35
Benzo[a]pyrene	ND		40.9	25.7		ug/L		63	32 - 148	8	35
Benzo[k]fluoranthene	ND		40.9	28.7		ug/L		70	26 - 145	7	35
Indeno[1,2,3-cd]pyrene	ND		40.9	30.6		ug/L		75	10 - 150	5	35
Benzo[g,h,i]perylene	ND		40.9	34.0		ug/L		83	10 - 140	5	35
Benzoic acid	ND		40.9	10.5		ug/L		26	10 - 130	4	35
Azobenzene	ND		40.9	23.2		ug/L		57	12 - 115	6	35
Dibenz(a,h)anthracene	ND		40.9	31.6		ug/L		77	10 - 130	5	35

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
Nitrobenzene-d5	42		11 - 92
2-Fluorobiphenyl	39		10 - 101
Terphenyl-d14	66		34 - 128
2-Fluorophenol	20		10 - 65
Phenol-d5	13		10 - 46
2,4,6-Tribromophenol	62		17 - 115

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60476-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 720-60536-E-17-A MS

Matrix: Water

Analysis Batch: 169051

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 168961

Analyte	Sample	Sample Qualifier	Spike Added	MS		Unit	D	%Rec	%Rec. Limits
	Result			Result	Qualifier				
Phenol	ND		39.6	6.42		ug/L		16	12 - 115
Bis(2-chloroethyl)ether	ND		39.6	17.2		ug/L		43	43 - 126
2-Chlorophenol	ND		39.6	13.0		ug/L		33	23 - 134
1,3-Dichlorobenzene	ND		39.6	13.2		ug/L		33	17 - 153
1,4-Dichlorobenzene	ND		39.6	14.6		ug/L		37	36 - 115
Benzyl alcohol	ND		39.6	15.2		ug/L		38	10 - 130
1,2-Dichlorobenzene	ND		39.6	14.8	F1	ug/L		37	49 - 115
2-Methylphenol	ND		39.6	14.6		ug/L		37	10 - 130
4-Methylphenol	ND		39.6	13.4		ug/L		34	10 - 130
N-Nitrosodi-n-propylamine	ND		39.6	17.2		ug/L		43	10 - 130
Hexachloroethane	ND		39.6	15.0	F1	ug/L		38	55 - 100
Nitrobenzene	ND		39.6	17.9	F1	ug/L		45	55 - 157
Isophorone	ND		39.6	17.6	F1	ug/L		45	47 - 180
2-Nitrophenol	ND		39.6	15.8	F1	ug/L		40	45 - 166
2,4-Dimethylphenol	ND		39.6	18.4		ug/L		46	42 - 109
Bis(2-chloroethoxy)methane	ND		39.6	15.6	F1	ug/L		39	43 - 164
2,4-Dichlorophenol	ND		39.6	16.0	F1	ug/L		40	53 - 121
1,2,4-Trichlorobenzene	ND		39.6	14.5	F1	ug/L		36	44 - 142
Naphthalene	ND		39.6	14.9		ug/L		37	36 - 119
4-Chloroaniline	ND		39.6	15.9		ug/L		40	10 - 130
Hexachlorobutadiene	ND		39.6	14.8	F1	ug/L		37	38 - 115
4-Chloro-3-methylphenol	ND		39.6	20.2		ug/L		51	22 - 147
2-Methylnaphthalene	ND		39.6	15.2		ug/L		38	10 - 130
Hexachlorocyclopentadiene	ND		39.6	10.1		ug/L		25	10 - 130
2,4,6-Trichlorophenol	ND		39.6	19.8	F1	ug/L		50	55 - 129
2,4,5-Trichlorophenol	ND		39.6	21.7		ug/L		55	20 - 120
2-Chloronaphthalene	ND		39.6	16.7		ug/L		42	10 - 130
2-Nitroaniline	ND		39.6	25.6		ug/L		64	10 - 130
Dimethyl phthalate	ND		39.6	25.4		ug/L		64	10 - 130
Acenaphthylene	ND		39.6	18.0	F1	ug/L		45	54 - 126
3-Nitroaniline	ND		39.6	23.6		ug/L		59	10 - 130
Acenaphthene	ND		39.6	18.9	F1	ug/L		48	56 - 118
2,4-Dinitrophenol	ND		79.3	59.5		ug/L		75	10 - 130
4-Nitrophenol	ND		79.3	33.9		ug/L		43	1 - 132
Dibenzofuran	ND		39.6	19.7		ug/L		50	10 - 130
2,4-Dinitrotoluene	ND		39.6	27.8		ug/L		70	39 - 139
2,6-Dinitrotoluene	ND		39.6	23.1		ug/L		58	10 - 130
Diethyl phthalate	ND		39.6	28.3		ug/L		71	10 - 130
4-Chlorophenyl phenyl ether	ND		39.6	25.0		ug/L		63	39 - 144
Fluorene	ND		39.6	22.2	F1	ug/L		56	72 - 115
4-Nitroaniline	ND		39.6	34.6		ug/L		87	10 - 130
2-Methyl-4,6-dinitrophenol	ND		79.3	58.7		ug/L		74	53 - 115
N-Nitrosodiphenylamine	ND		39.6	25.4		ug/L		64	14 - 170
4-Bromophenyl phenyl ether	ND		39.6	22.6		ug/L		57	10 - 130
Hexachlorobenzene	ND		39.6	22.4		ug/L		57	8 - 140
Pentachlorophenol	ND		79.3	56.4		ug/L		71	45 - 125
Phenanthrene	ND		39.6	25.9		ug/L		65	44 - 125
Anthracene	ND		39.6	26.5		ug/L		67	44 - 118

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60476-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 720-60536-E-17-A MS

Matrix: Water

Analysis Batch: 169051

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 168961

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier	Added	Result	Qualifier				
Di-n-butyl phthalate	ND		39.6	28.5		ug/L		72	9 - 115
Fluoranthene	ND		39.6	26.8		ug/L		68	43 - 121
Pyrene	ND		39.6	28.5		ug/L		72	52 - 115
Butyl benzyl phthalate	ND		39.6	29.3		ug/L		74	10 - 139
3,3'-Dichlorobenzidine	ND		39.6	13.1		ug/L		33	9 - 150
Benzo[a]anthracene	ND		39.6	27.6		ug/L		70	42 - 133
Bis(2-ethylhexyl) phthalate	ND		39.6	31.6		ug/L		80	29 - 136
Chrysene	ND		39.6	27.5		ug/L		69	42 - 139
Di-n-octyl phthalate	ND		39.6	33.3		ug/L		84	10 - 130
Benzo[b]fluoranthene	ND		39.6	26.0		ug/L		66	42 - 140
Benzo[a]pyrene	ND		39.6	27.9		ug/L		70	32 - 148
Benzo[k]fluoranthene	ND		39.6	30.7		ug/L		78	26 - 145
Indeno[1,2,3-cd]pyrene	ND		39.6	32.3		ug/L		82	10 - 150
Benzo[g,h,i]perylene	ND		39.6	35.6		ug/L		90	10 - 140
Benzoic acid	ND		39.6	10.1		ug/L		25	10 - 130
Azobenzene	ND		39.6	24.7		ug/L		62	12 - 115
Dibenz(a,h)anthracene	ND		39.6	33.3		ug/L		84	10 - 130

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
Nitrobenzene-d5	40		11 - 92
2-Fluorobiphenyl	42		10 - 101
Terphenyl-d14	77		34 - 128
2-Fluorophenol	21		10 - 65
Phenol-d5	13		10 - 46
2,4,6-Tribromophenol	63		17 - 115

Method: 8015B - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 720-168921/1-A

Matrix: Water

Analysis Batch: 168953

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 168921

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Jet Fuel Range Organics [C9-C19]	ND		50		ug/L		10/15/14 18:40	10/16/14 14:15	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
p-Terphenyl	86		23 - 156	10/15/14 18:40	10/16/14 14:15	1

Lab Sample ID: LCS 720-168921/2-A

Matrix: Water

Analysis Batch: 168953

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 168921

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60476-1

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 720-168921/2-A
Matrix: Water
Analysis Batch: 168953

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 168921

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
p-Terphenyl	98		23 - 156

Lab Sample ID: LCS 720-168921/4-A
Matrix: Water
Analysis Batch: 168953

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 168921

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.	
							Limits	
Jet Fuel Range Organics [C9-C19]	1500	1310		ug/L		88	17 - 95	

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
p-Terphenyl	96		23 - 156

Lab Sample ID: LCSD 720-168921/3-A
Matrix: Water
Analysis Batch: 168953

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 168921

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec.		RPD	
							Limits		RPD	Limit
Diesel Range Organics [C10-C28]	2500	1930		ug/L		77	34 - 115	5	35	

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
p-Terphenyl	101		23 - 156

Lab Sample ID: LCSD 720-168921/5-A
Matrix: Water
Analysis Batch: 168953

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 168921

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec.		RPD	
							Limits		RPD	Limit
Jet Fuel Range Organics [C9-C19]	1500	1200		ug/L		80	17 - 95	9	40	

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
p-Terphenyl	94		23 - 156

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 720-168815/1-A
Matrix: Water
Analysis Batch: 168886

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 168815

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Antimony	ND		0.010		mg/L		10/14/14 17:46	10/15/14 12:56	1
Arsenic	ND		0.010		mg/L		10/14/14 17:46	10/15/14 12:56	1
Beryllium	ND		0.0020		mg/L		10/14/14 17:46	10/15/14 12:56	1
Cadmium	ND		0.0020		mg/L		10/14/14 17:46	10/15/14 12:56	1
Chromium	ND		0.010		mg/L		10/14/14 17:46	10/15/14 12:56	1
Copper	ND		0.020		mg/L		10/14/14 17:46	10/15/14 12:56	1

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60476-1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: MB 720-168815/1-A
Matrix: Water
Analysis Batch: 168886

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 168815

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.0050		mg/L		10/14/14 17:46	10/15/14 12:56	1
Nickel	ND		0.010		mg/L		10/14/14 17:46	10/15/14 12:56	1
Selenium	ND		0.020		mg/L		10/14/14 17:46	10/15/14 12:56	1
Silver	ND		0.0050		mg/L		10/14/14 17:46	10/15/14 12:56	1
Zinc	ND		0.020		mg/L		10/14/14 17:46	10/15/14 12:56	1

Lab Sample ID: LCS 720-168815/2-A
Matrix: Water
Analysis Batch: 168886

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 168815

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	1.00	0.982		mg/L		98	80 - 120
Arsenic	1.00	1.00		mg/L		100	80 - 120
Beryllium	1.00	0.991		mg/L		99	80 - 120
Cadmium	1.00	1.01		mg/L		101	80 - 120
Chromium	1.00	1.02		mg/L		102	80 - 120
Copper	1.00	1.00		mg/L		100	80 - 120
Lead	1.00	1.02		mg/L		102	80 - 120
Nickel	1.00	1.02		mg/L		102	80 - 120
Selenium	1.00	1.01		mg/L		101	80 - 120
Silver	0.500	0.516		mg/L		103	80 - 120
Zinc	1.00	0.939		mg/L		94	80 - 120

Lab Sample ID: LCSD 720-168815/3-A
Matrix: Water
Analysis Batch: 168886

Client Sample ID: Lab Control Sample Dup
Prep Type: Total Recoverable
Prep Batch: 168815

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	1.00	1.00		mg/L		100	80 - 120	2	20
Arsenic	1.00	1.00		mg/L		100	80 - 120	0	20
Beryllium	1.00	0.997		mg/L		100	80 - 120	1	20
Cadmium	1.00	1.02		mg/L		102	80 - 120	1	20
Chromium	1.00	1.03		mg/L		103	80 - 120	1	20
Copper	1.00	1.01		mg/L		101	80 - 120	1	20
Lead	1.00	1.03		mg/L		103	80 - 120	0	20
Nickel	1.00	1.03		mg/L		103	80 - 120	1	20
Selenium	1.00	1.03		mg/L		103	80 - 120	2	20
Silver	0.500	0.522		mg/L		104	80 - 120	1	20
Zinc	1.00	0.943		mg/L		94	80 - 120	0	20

Lab Sample ID: 720-60514-H-1-A MS
Matrix: Water
Analysis Batch: 168886

Client Sample ID: Matrix Spike
Prep Type: Dissolved
Prep Batch: 168815

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	ND		1.00	1.02		mg/L		102	75 - 125
Arsenic	ND		1.00	1.06		mg/L		106	75 - 125
Beryllium	ND		1.00	0.998		mg/L		100	75 - 125
Cadmium	ND		1.00	1.01		mg/L		101	75 - 125

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60476-1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 720-60514-H-1-A MS

Matrix: Water

Analysis Batch: 168886

Client Sample ID: Matrix Spike

Prep Type: Dissolved

Prep Batch: 168815

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.	
	Result	Qualifier	Added	Result	Qualifier				Limits	Limits
Chromium	ND		1.00	1.02		mg/L		102	75 - 125	
Copper	ND		1.00	1.01		mg/L		101	75 - 125	
Lead	ND		1.00	0.989		mg/L		99	75 - 125	
Nickel	ND		1.00	1.00		mg/L		99	75 - 125	
Selenium	ND		1.00	1.04		mg/L		104	75 - 125	
Silver	ND		0.500	0.525		mg/L		105	75 - 125	
Zinc	ND		1.00	0.939		mg/L		94	75 - 125	

Lab Sample ID: 720-60514-H-1-B MSD

Matrix: Water

Analysis Batch: 168886

Client Sample ID: Matrix Spike Duplicate

Prep Type: Dissolved

Prep Batch: 168815

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.		RPD	
	Result	Qualifier	Added	Result	Qualifier				Limits	RPD	Limit	
Antimony	ND		1.00	1.01		mg/L		101	75 - 125	1	20	
Arsenic	ND		1.00	1.05		mg/L		105	75 - 125	1	20	
Beryllium	ND		1.00	0.991		mg/L		99	75 - 125	1	20	
Cadmium	ND		1.00	1.00		mg/L		100	75 - 125	1	20	
Chromium	ND		1.00	1.01		mg/L		101	75 - 125	2	20	
Copper	ND		1.00	0.992		mg/L		99	75 - 125	2	20	
Lead	ND		1.00	0.976		mg/L		98	75 - 125	1	20	
Nickel	ND		1.00	0.987		mg/L		98	75 - 125	1	20	
Selenium	ND		1.00	1.03		mg/L		102	75 - 125	2	20	
Silver	ND		0.500	0.517		mg/L		103	75 - 125	1	20	
Zinc	ND		1.00	0.926		mg/L		93	75 - 125	1	20	

Method: 7470A - Mercury (CVAA)

Lab Sample ID: LCS 720-168708/2-A

Matrix: Water

Analysis Batch: 168829

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 168708

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec.	
		Result	Qualifier				Limits	Limits
Mercury	0.0100	0.00952		mg/L		95	85 - 115	

Lab Sample ID: LCSD 720-168708/3-A

Matrix: Water

Analysis Batch: 168829

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 168708

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	%Rec.		RPD	
		Result	Qualifier				Limits	RPD	Limit	
Mercury	0.0100	0.00978		mg/L		98	85 - 115	3	20	

Lab Sample ID: MB 720-168570/1-B

Matrix: Water

Analysis Batch: 168829

Client Sample ID: Method Blank

Prep Type: Dissolved

Prep Batch: 168708

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Mercury	ND		0.00020		mg/L		10/13/14 14:23	10/14/14 19:21	1

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60476-1

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: 720-60420-F-4-A MS

Matrix: Water

Analysis Batch: 168829

Client Sample ID: Matrix Spike

Prep Type: Dissolved

Prep Batch: 168708

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	ND		0.0100	0.00972		mg/L		97	70 - 130

Lab Sample ID: 720-60420-F-4-B MSD

Matrix: Water

Analysis Batch: 168829

Client Sample ID: Matrix Spike Duplicate

Prep Type: Dissolved

Prep Batch: 168708

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND		0.0100	0.00972		mg/L		97	70 - 130	0	20

Method: SM 4500 CN E - Cyanide, Total

Lab Sample ID: MB 500-259347/13-A

Matrix: Water

Analysis Batch: 259545

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 259347

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010		mg/L		10/15/14 14:45	10/15/14 17:21	1

Lab Sample ID: LCS 500-259347/14-A

Matrix: Water

Analysis Batch: 259545

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 259347

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	0.100	0.0926		mg/L		93	80 - 120

Lab Sample ID: 720-60476-1 MS

Matrix: Water

Analysis Batch: 259545

Client Sample ID: PLSB-9

Prep Type: Total/NA

Prep Batch: 259347

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	ND		0.0400	0.0392		mg/L		94	75 - 125

Lab Sample ID: 720-60476-1 MSD

Matrix: Water

Analysis Batch: 259545

Client Sample ID: PLSB-9

Prep Type: Total/NA

Prep Batch: 259347

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cyanide, Total	ND		0.0400	0.0375		mg/L		90	75 - 125	4	20

TestAmerica Pleasanton

QC Association Summary

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60476-1

GC/MS VOA

Analysis Batch: 168960

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60473-A-2 MS	Matrix Spike	Total/NA	Water	8260B	
720-60473-A-2 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B	
720-60476-1	PLSB-9	Total/NA	Water	8260B	
LCS 720-168960/13	Lab Control Sample	Total/NA	Water	8260B	
LCSD 720-168960/14	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 720-168960/5	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 168998

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60476-2	PLPB-1	Total/NA	Water	8260B	
720-60476-3	PLPB-8	Total/NA	Water	8260B	
720-60476-4	TB	Total/NA	Water	8260B	
720-60483-A-2 MS	Matrix Spike	Total/NA	Water	8260B	
720-60483-A-2 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B	
LCS 720-168998/5	Lab Control Sample	Total/NA	Water	8260B	
LCSD 720-168998/6	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 720-168998/4	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 169031

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60417-A-3 MS	Matrix Spike	Total/NA	Water	8260B	
720-60417-A-3 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B	
720-60476-1	PLSB-9	Total/NA	Water	8260B	
LCS 720-169031/5	Lab Control Sample	Total/NA	Water	8260B	
LCSD 720-169031/6	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 720-169031/4	Method Blank	Total/NA	Water	8260B	

GC/MS Semi VOA

Prep Batch: 168778

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60476-1	PLSB-9	Total/NA	Water	3510C	
720-60476-3	PLPB-8	Total/NA	Water	3510C	
LCS 720-168778/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 720-168778/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
MB 720-168778/1-A	Method Blank	Total/NA	Water	3510C	

Analysis Batch: 168855

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60476-1	PLSB-9	Total/NA	Water	8270C	168778
720-60476-3	PLPB-8	Total/NA	Water	8270C	168778
LCS 720-168778/2-A	Lab Control Sample	Total/NA	Water	8270C	168778
LCSD 720-168778/3-A	Lab Control Sample Dup	Total/NA	Water	8270C	168778
MB 720-168778/1-A	Method Blank	Total/NA	Water	8270C	168778

Prep Batch: 168961

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60476-2	PLPB-1	Total/NA	Water	3510C	
720-60536-D-17-A MSD	Matrix Spike Duplicate	Total/NA	Water	3510C	
720-60536-E-17-A MS	Matrix Spike	Total/NA	Water	3510C	

TestAmerica Pleasanton

QC Association Summary

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60476-1

GC/MS Semi VOA (Continued)

Analysis Batch: 169051

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60476-2	PLPB-1	Total/NA	Water	8270C	168961
720-60536-D-17-A MSD	Matrix Spike Duplicate	Total/NA	Water	8270C	168961
720-60536-E-17-A MS	Matrix Spike	Total/NA	Water	8270C	168961

GC Semi VOA

Prep Batch: 168921

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60476-2	PLPB-1	Total/NA	Water	3510C	
720-60476-3	PLPB-8	Total/NA	Water	3510C	
LCS 720-168921/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCS 720-168921/4-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 720-168921/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
LCSD 720-168921/5-A	Lab Control Sample Dup	Total/NA	Water	3510C	
MB 720-168921/1-A	Method Blank	Total/NA	Water	3510C	

Analysis Batch: 168953

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60476-2	PLPB-1	Total/NA	Water	8015B	168921
720-60476-3	PLPB-8	Total/NA	Water	8015B	168921
LCS 720-168921/2-A	Lab Control Sample	Total/NA	Water	8015B	168921
LCS 720-168921/4-A	Lab Control Sample	Total/NA	Water	8015B	168921
LCSD 720-168921/3-A	Lab Control Sample Dup	Total/NA	Water	8015B	168921
LCSD 720-168921/5-A	Lab Control Sample Dup	Total/NA	Water	8015B	168921
MB 720-168921/1-A	Method Blank	Total/NA	Water	8015B	168921

Metals

Filtration Batch: 168570

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-168570/1-B	Method Blank	Dissolved	Water	FILTRATION	

Prep Batch: 168708

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60420-F-4-A MS	Matrix Spike	Dissolved	Water	7470A	
720-60420-F-4-B MSD	Matrix Spike Duplicate	Dissolved	Water	7470A	
720-60476-1	PLSB-9	Dissolved	Water	7470A	
720-60476-2	PLPB-1	Dissolved	Water	7470A	
720-60476-3	PLPB-8	Dissolved	Water	7470A	
LCS 720-168708/2-A	Lab Control Sample	Total/NA	Water	7470A	
LCSD 720-168708/3-A	Lab Control Sample Dup	Total/NA	Water	7470A	
MB 720-168570/1-B	Method Blank	Dissolved	Water	7470A	168570

Prep Batch: 168815

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60476-1	PLSB-9	Dissolved	Water	3005A	
720-60476-2	PLPB-1	Dissolved	Water	3005A	
720-60476-3	PLPB-8	Dissolved	Water	3005A	
720-60514-H-1-A MS	Matrix Spike	Dissolved	Water	3005A	
720-60514-H-1-B MSD	Matrix Spike Duplicate	Dissolved	Water	3005A	

TestAmerica Pleasanton

QC Association Summary

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60476-1

Metals (Continued)

Prep Batch: 168815 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 720-168815/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
LCSD 720-168815/3-A	Lab Control Sample Dup	Total Recoverable	Water	3005A	
MB 720-168815/1-A	Method Blank	Total Recoverable	Water	3005A	

Analysis Batch: 168829

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60420-F-4-A MS	Matrix Spike	Dissolved	Water	7470A	168708
720-60420-F-4-B MSD	Matrix Spike Duplicate	Dissolved	Water	7470A	168708
720-60476-1	PLSB-9	Dissolved	Water	7470A	168708
720-60476-2	PLPB-1	Dissolved	Water	7470A	168708
720-60476-3	PLPB-8	Dissolved	Water	7470A	168708
LCS 720-168708/2-A	Lab Control Sample	Total/NA	Water	7470A	168708
LCSD 720-168708/3-A	Lab Control Sample Dup	Total/NA	Water	7470A	168708
MB 720-168570/1-B	Method Blank	Dissolved	Water	7470A	168708

Analysis Batch: 168886

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60514-H-1-A MS	Matrix Spike	Dissolved	Water	6010B	168815
720-60514-H-1-B MSD	Matrix Spike Duplicate	Dissolved	Water	6010B	168815
LCS 720-168815/2-A	Lab Control Sample	Total Recoverable	Water	6010B	168815
LCSD 720-168815/3-A	Lab Control Sample Dup	Total Recoverable	Water	6010B	168815
MB 720-168815/1-A	Method Blank	Total Recoverable	Water	6010B	168815

Analysis Batch: 168917

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60476-1	PLSB-9	Dissolved	Water	6010B	168815
720-60476-2	PLPB-1	Dissolved	Water	6010B	168815
720-60476-3	PLPB-8	Dissolved	Water	6010B	168815

General Chemistry

Prep Batch: 259347

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60476-1	PLSB-9	Total/NA	Water	Distill/CN	
720-60476-1 MS	PLSB-9	Total/NA	Water	Distill/CN	
720-60476-1 MSD	PLSB-9	Total/NA	Water	Distill/CN	
LCS 500-259347/14-A	Lab Control Sample	Total/NA	Water	Distill/CN	
MB 500-259347/13-A	Method Blank	Total/NA	Water	Distill/CN	

Analysis Batch: 259545

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60476-1	PLSB-9	Total/NA	Water	SM 4500 CN E	259347
720-60476-1 MS	PLSB-9	Total/NA	Water	SM 4500 CN E	259347
720-60476-1 MSD	PLSB-9	Total/NA	Water	SM 4500 CN E	259347
LCS 500-259347/14-A	Lab Control Sample	Total/NA	Water	SM 4500 CN E	259347
MB 500-259347/13-A	Method Blank	Total/NA	Water	SM 4500 CN E	259347

TestAmerica Pleasanton

Lab Chronicle

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60476-1

Client Sample ID: PLSB-9

Date Collected: 10/09/14 07:55

Date Received: 10/09/14 17:45

Lab Sample ID: 720-60476-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	168960	10/16/14 22:50	PDR	TAL PLS
Total/NA	Analysis	8260B		1	169031	10/17/14 11:42	PDR	TAL PLS
Total/NA	Prep	3510C			168778	10/14/14 10:04	NDU	TAL PLS
Total/NA	Analysis	8270C		1	168855	10/15/14 23:10	MQL	TAL PLS
Dissolved	Prep	3005A			168815	10/14/14 17:46	ASB	TAL PLS
Dissolved	Analysis	6010B		1	168917	10/15/14 16:56	SLK	TAL PLS
Dissolved	Prep	7470A			168708	10/13/14 14:23	ECT	TAL PLS
Dissolved	Analysis	7470A		1	168829	10/14/14 19:42	SLK	TAL PLS
Total/NA	Prep	Distill/CN			259347	10/15/14 14:45	EAT	TAL CHI
Total/NA	Analysis	SM 4500 CN E		1	259545		EAT	TAL CHI
					(Start)	10/15/14 17:22		
					(End)	10/15/14 17:22		

Client Sample ID: PLPB-1

Date Collected: 10/09/14 10:10

Date Received: 10/09/14 17:45

Lab Sample ID: 720-60476-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	168998	10/17/14 02:17	ASC	TAL PLS
Total/NA	Prep	3510C			168961	10/16/14 15:49	NDU	TAL PLS
Total/NA	Analysis	8270C		1	169051	10/17/14 17:29	MQL	TAL PLS
Total/NA	Prep	3510C			168921	10/15/14 18:40	DFR	TAL PLS
Total/NA	Analysis	8015B		1	168953	10/16/14 11:20	JL	TAL PLS
Dissolved	Prep	3005A			168815	10/14/14 17:46	ASB	TAL PLS
Dissolved	Analysis	6010B		1	168917	10/15/14 17:00	SLK	TAL PLS
Dissolved	Prep	7470A			168708	10/13/14 14:23	ECT	TAL PLS
Dissolved	Analysis	7470A		1	168829	10/14/14 19:45	SLK	TAL PLS

Client Sample ID: PLPB-8

Date Collected: 10/09/14 11:15

Date Received: 10/09/14 17:45

Lab Sample ID: 720-60476-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	168998	10/17/14 02:49	ASC	TAL PLS
Total/NA	Prep	3510C			168778	10/14/14 14:03	NDU	TAL PLS
Total/NA	Analysis	8270C		1	168855	10/15/14 23:58	MQL	TAL PLS
Total/NA	Prep	3510C			168921	10/15/14 18:40	DFR	TAL PLS
Total/NA	Analysis	8015B		1	168953	10/16/14 11:49	JL	TAL PLS
Dissolved	Prep	3005A			168815	10/14/14 17:46	ASB	TAL PLS
Dissolved	Analysis	6010B		1	168917	10/15/14 17:05	SLK	TAL PLS
Dissolved	Prep	7470A			168708	10/13/14 14:23	ECT	TAL PLS
Dissolved	Analysis	7470A		1	168829	10/14/14 19:48	SLK	TAL PLS

TestAmerica Pleasanton

Lab Chronicle

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60476-1

Client Sample ID: TB

Lab Sample ID: 720-60476-4

Date Collected: 10/09/14 00:00

Matrix: Water

Date Received: 10/09/14 17:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	168998	10/17/14 01:46	ASC	TAL PLS

Laboratory References:

TAL CHI = TestAmerica Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

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Certification Summary

Client: URS Corporation
 Project/Site: Philips San Jose

TestAmerica Job ID: 720-60476-1

Laboratory: TestAmerica Pleasanton

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

Authority	Program	EPA Region	Certification ID	Expiration Date
California	State Program	9	2496	01-31-16

Analysis Method	Prep Method	Matrix	Analyte

Laboratory: TestAmerica Chicago

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Alabama	State Program	4	40461	04-30-15
California	State Program	9	2903	04-30-15
Georgia	State Program	4	N/A	04-30-15
Georgia	State Program	4	939	04-30-15
Hawaii	State Program	9	N/A	04-30-15
Illinois	NELAP	5	100201	04-30-15
Indiana	State Program	5	C-IL-02	04-30-15
Iowa	State Program	7	82	05-01-16
Kansas	NELAP	7	E-10161	10-31-14 *
Kentucky (UST)	State Program	4	66	04-30-15
Kentucky (WW)	State Program	4	KY90023	12-31-14 *
Massachusetts	State Program	1	M-IL035	06-30-15
Mississippi	State Program	4	N/A	04-30-15
New York	NELAP	2	IL00035	03-31-15
North Carolina (WW/SW)	State Program	4	291	12-31-14 *
North Dakota	State Program	8	R-194	04-30-15
Oklahoma	State Program	6	8908	08-31-15
South Carolina	State Program	4	77001	04-30-15
USDA	Federal		P330-12-00038	02-06-15
Wisconsin	State Program	5	999580010	08-31-15 *
Wyoming	State Program	8	8TMS-Q	04-30-15

* Certification renewal pending - certification considered valid.

Method Summary

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60476-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL PLS
8270C	Semivolatile Organic Compounds (GC/MS)	SW846	TAL PLS
8015B	Diesel Range Organics (DRO) (GC)	SW846	TAL PLS
6010B	Metals (ICP)	SW846	TAL PLS
7470A	Mercury (CVAA)	SW846	TAL PLS
SM 4500 CN E	Cyanide, Total	SM	TAL CHI

Protocol References:

SM = "Standard Methods For The Examination Of Water And Wastewater",

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

Laboratory References:

TAL CHI = TestAmerica Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

Sample Summary

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60476-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-60476-1	PLSB-9	Water	10/09/14 07:55	10/09/14 17:45
720-60476-2	PLPB-1	Water	10/09/14 10:10	10/09/14 17:45
720-60476-3	PLPB-8	Water	10/09/14 11:15	10/09/14 17:45
720-60476-4	TB	Water	10/09/14 00:00	10/09/14 17:45

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TestAmerica

TESTAMERICA Pleasanton Chain of Custody

1220 Quarry Lane • Pleasanton CA 94566-4756
 Phone: (925) 484-1919 • Fax: (925) 600-3002

720-60476

Analysis Request

Reference #: 150821

Date: 10/14/14 Page 1 of 1

10/20/2014

Report To

Attn: ENL SKOV
 Company: W25 Corp.
 Address: One Montgomery St #900, SF, CA 94104
 Email: Erik.Skov@W25.com
 Bill To:
 Sampled By: ES/KS
 Attn: Phone: 415-243-3845

Volatile Organics GC/MS (VOCs)
 EPA 8260B
 HVOCs by EPA 8260B
 EPA 8260B: Gas BTEX
 5 Oxygenates DCA, EDB Ethanol
 TEPH EPA 8015B Silica Gel
 Diesel Motor Oil Other
 SemiVolatile Organics GC/MS
 EPA 8270C
 PNA/PAH's by 8270C
 8270C SIM
 Oil and Grease Petroleum
 (EPA 1664/9071) Total
 Pesticides EPA 8081
 EPA 8082
 CAM17 Metals
 (EPA 6010/7470/7471)
 Metals: 6010B 200.7
 Lead LUFT RCRA Other
 Metals: 6020 200.8
 (ICP-MS)
 W.E.T (STLC)
 W.E.T (DI) TCLP
 Hex. Chrom by EPA 7196
 or EPA 7199
 pH 9040
 SM4500
 Spec. Cond. Alkalinity
 TSS SS TDS
 Anions: Cl SO₄ NO₃ F
 Br NO₂ PO₄
 Perchlorate by EPA 314.0
 COD EPA 410.4 SM5220D
 Turbidity

Sample ID	Date	Time	Mat	Preserv	Analysis
715B-9	10/9/14	735	W	None	X
715B-1	10/9/14	1010	W	HCl	X
715B-8	10/9/14	1115	W	HCl	X
715B-7					
715B-6					
715B-5					
715B-4					
715B-3					
715B-2					
715B-1					
715B-0					



720-60476 Chain of Custody

Project Info.

Project Name: # of Containers: Philips Sam Jose Head Space: Temp: 39/14°C
 PO#: 1496617
 Credit Card Y/N: If yes, please call with payment information ASAP

Sample Receipt

1) Relinquished by: Signature: Time: 1430
 Printed Name: Adam Brinyat Date: 10/9/14
 Company: W25

2) Relinquished by: Signature: Time: 1745
 Printed Name: ENL Date: 10/9/14
 Company: DCS

3) Relinquished by: Signature: Time: _____
 Printed Name: _____ Date: _____
 Company: _____

Report: Routine Level 3 Level 4 EDD EDF
 Special Instructions / Comments:
 *CONTAMINANTS: arsenic, benzene, cadmium, chromium, lead, copper, lead, mercury, nickel, selenium, silver, zinc

1) Received by: Signature: Time: 1430
 Printed Name: ENL Date: 10/9/14
 Company: DCS

2) Received by: Signature: Time: 1745
 Printed Name: J. Gonzalez Date: 10/9/14
 Company: W25

3) Received by: Signature: Time: _____
 Printed Name: _____ Date: _____
 Company: _____

Login Sample Receipt Checklist

Client: URS Corporation

Job Number: 720-60476-1

Login Number: 60476

List Source: TestAmerica Pleasanton

List Number: 1

Creator: Bullock, Tracy

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
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.	False	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received 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.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



Login Sample Receipt Checklist

Client: URS Corporation

Job Number: 720-60476-1

Login Number: 60476

List Number: 2

Creator: Lunt, Jeff T

List Source: TestAmerica Chicago

List Creation: 10/11/14 12:09 PM

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are 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 containers received 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	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	



TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Pleasanton
1220 Quarry Lane
Pleasanton, CA 94566
Tel: (925)484-1919

TestAmerica Job ID: 720-60386-1
Client Project/Site: Philips San Jose

For:
URS Corporation
One Montgomery Street
Suite 900
San Francisco, California 94104-4538

Attn: Mr. Erik Skov



Authorized for release by:
10/15/2014 1:53:12 PM

Afsaneh Salimpour, Senior Project Manager
(925)484-1919
afsaneh.salimpour@testamericainc.com

LINKS

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results through
TotalAccess

Have a Question?



Visit us at:
www.testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60386-1

Qualifiers

GC/MS Semi 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.

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: Philips San Jose

TestAmerica Job ID: 720-60386-1

Job ID: 720-60386-1

Laboratory: TestAmerica Pleasanton

Narrative

Job Narrative
720-60386-1

Comments

No additional comments.

Receipt

The samples were received on 10/6/2014 4:50 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.3° C.

GC/MS VOA

Method(s) 8260B: The continuing calibration verification (CCV) associated with batch <<168667>> recovered above the upper control limit for <<vinyl acetate>>. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: INF GAC-1014 (720-60499-1).

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

GC/MS Semi VOA

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

Metals

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

Organic Prep

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: Philips San Jose

TestAmerica Job ID: 720-60386-1

Client Sample ID: PLPB-2

Lab Sample ID: 720-60386-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.012		0.010		mg/L	1		6010B	Dissolved
Zinc	0.081		0.020		mg/L	1		6010B	Dissolved

Client Sample ID: TB

Lab Sample ID: 720-60386-3

No Detections.

This Detection Summary does not include radiochemical test results.

TestAmerica Pleasanton



Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60386-1

Client Sample ID: PLPB-2

Lab Sample ID: 720-60386-2

Date Collected: 10/06/14 13:15

Matrix: Water

Date Received: 10/06/14 16:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			10/14/14 00:36	1
Acetone	ND		50		ug/L			10/14/14 00:36	1
Benzene	ND		0.50		ug/L			10/14/14 00:36	1
Dichlorobromomethane	ND		0.50		ug/L			10/14/14 00:36	1
Bromobenzene	ND		1.0		ug/L			10/14/14 00:36	1
Chlorobromomethane	ND		1.0		ug/L			10/14/14 00:36	1
Bromoform	ND		1.0		ug/L			10/14/14 00:36	1
Bromomethane	ND		1.0		ug/L			10/14/14 00:36	1
2-Butanone (MEK)	ND		50		ug/L			10/14/14 00:36	1
n-Butylbenzene	ND		1.0		ug/L			10/14/14 00:36	1
sec-Butylbenzene	ND		1.0		ug/L			10/14/14 00:36	1
tert-Butylbenzene	ND		1.0		ug/L			10/14/14 00:36	1
Carbon disulfide	ND		5.0		ug/L			10/14/14 00:36	1
Carbon tetrachloride	ND		0.50		ug/L			10/14/14 00:36	1
Chlorobenzene	ND		0.50		ug/L			10/14/14 00:36	1
Chloroethane	ND		1.0		ug/L			10/14/14 00:36	1
Chloroform	ND		1.0		ug/L			10/14/14 00:36	1
Chloromethane	ND		1.0		ug/L			10/14/14 00:36	1
2-Chlorotoluene	ND		0.50		ug/L			10/14/14 00:36	1
4-Chlorotoluene	ND		0.50		ug/L			10/14/14 00:36	1
Chlorodibromomethane	ND		0.50		ug/L			10/14/14 00:36	1
1,2-Dichlorobenzene	ND		0.50		ug/L			10/14/14 00:36	1
1,3-Dichlorobenzene	ND		0.50		ug/L			10/14/14 00:36	1
1,4-Dichlorobenzene	ND		0.50		ug/L			10/14/14 00:36	1
1,3-Dichloropropane	ND		1.0		ug/L			10/14/14 00:36	1
1,1-Dichloropropene	ND		0.50		ug/L			10/14/14 00:36	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			10/14/14 00:36	1
Ethylene Dibromide	ND		0.50		ug/L			10/14/14 00:36	1
Dibromomethane	ND		0.50		ug/L			10/14/14 00:36	1
Dichlorodifluoromethane	ND		0.50		ug/L			10/14/14 00:36	1
1,1-Dichloroethane	ND		0.50		ug/L			10/14/14 00:36	1
1,2-Dichloroethane	ND		0.50		ug/L			10/14/14 00:36	1
1,1-Dichloroethene	ND		0.50		ug/L			10/14/14 00:36	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			10/14/14 00:36	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			10/14/14 00:36	1
1,2-Dichloropropane	ND		0.50		ug/L			10/14/14 00:36	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			10/14/14 00:36	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			10/14/14 00:36	1
Ethylbenzene	ND		0.50		ug/L			10/14/14 00:36	1
Hexachlorobutadiene	ND		1.0		ug/L			10/14/14 00:36	1
2-Hexanone	ND		50		ug/L			10/14/14 00:36	1
Isopropylbenzene	ND		0.50		ug/L			10/14/14 00:36	1
4-Isopropyltoluene	ND		1.0		ug/L			10/14/14 00:36	1
Methylene Chloride	ND		5.0		ug/L			10/14/14 00:36	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			10/14/14 00:36	1
Naphthalene	ND		1.0		ug/L			10/14/14 00:36	1
N-Propylbenzene	ND		1.0		ug/L			10/14/14 00:36	1
Styrene	ND		0.50		ug/L			10/14/14 00:36	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			10/14/14 00:36	1

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60386-1

Client Sample ID: PLPB-2

Lab Sample ID: 720-60386-2

Date Collected: 10/06/14 13:15

Matrix: Water

Date Received: 10/06/14 16:50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			10/14/14 00:36	1
Tetrachloroethene	ND		0.50		ug/L			10/14/14 00:36	1
Toluene	ND		0.50		ug/L			10/14/14 00:36	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			10/14/14 00:36	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			10/14/14 00:36	1
1,1,1-Trichloroethane	ND		0.50		ug/L			10/14/14 00:36	1
1,1,2-Trichloroethane	ND		0.50		ug/L			10/14/14 00:36	1
Trichloroethene	ND		0.50		ug/L			10/14/14 00:36	1
Trichlorofluoromethane	ND		1.0		ug/L			10/14/14 00:36	1
1,2,3-Trichloropropane	ND		0.50		ug/L			10/14/14 00:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			10/14/14 00:36	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			10/14/14 00:36	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			10/14/14 00:36	1
Vinyl acetate	ND		10		ug/L			10/14/14 00:36	1
Vinyl chloride	ND		0.50		ug/L			10/14/14 00:36	1
Xylenes, Total	ND		1.0		ug/L			10/14/14 00:36	1
2,2-Dichloropropane	ND		0.50		ug/L			10/14/14 00:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	112		67 - 130		10/14/14 00:36	1
1,2-Dichloroethane-d4 (Surr)	110		72 - 130		10/14/14 00:36	1
Toluene-d8 (Surr)	92		70 - 130		10/14/14 00:36	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		2.1		ug/L		10/10/14 10:11	10/11/14 02:56	1
Bis(2-chloroethyl)ether	ND		2.1		ug/L		10/10/14 10:11	10/11/14 02:56	1
2-Chlorophenol	ND		4.2		ug/L		10/10/14 10:11	10/11/14 02:56	1
1,3-Dichlorobenzene	ND		2.1		ug/L		10/10/14 10:11	10/11/14 02:56	1
1,4-Dichlorobenzene	ND		2.1		ug/L		10/10/14 10:11	10/11/14 02:56	1
Benzyl alcohol	ND		5.3		ug/L		10/10/14 10:11	10/11/14 02:56	1
1,2-Dichlorobenzene	ND		2.1		ug/L		10/10/14 10:11	10/11/14 02:56	1
2-Methylphenol	ND		4.2		ug/L		10/10/14 10:11	10/11/14 02:56	1
4-Methylphenol	ND		8.4		ug/L		10/10/14 10:11	10/11/14 02:56	1
N-Nitrosodi-n-propylamine	ND		2.1		ug/L		10/10/14 10:11	10/11/14 02:56	1
Hexachloroethane	ND		2.1		ug/L		10/10/14 10:11	10/11/14 02:56	1
Nitrobenzene	ND		2.1		ug/L		10/10/14 10:11	10/11/14 02:56	1
Isophorone	ND		4.2		ug/L		10/10/14 10:11	10/11/14 02:56	1
2-Nitrophenol	ND		2.1		ug/L		10/10/14 10:11	10/11/14 02:56	1
2,4-Dimethylphenol	ND		3.2		ug/L		10/10/14 10:11	10/11/14 02:56	1
Bis(2-chloroethoxy)methane	ND		5.3		ug/L		10/10/14 10:11	10/11/14 02:56	1
2,4-Dichlorophenol	ND		5.3		ug/L		10/10/14 10:11	10/11/14 02:56	1
1,2,4-Trichlorobenzene	ND		2.1		ug/L		10/10/14 10:11	10/11/14 02:56	1
Naphthalene	ND		2.1		ug/L		10/10/14 10:11	10/11/14 02:56	1
4-Chloroaniline	ND		2.1		ug/L		10/10/14 10:11	10/11/14 02:56	1
Hexachlorobutadiene	ND		2.1		ug/L		10/10/14 10:11	10/11/14 02:56	1
4-Chloro-3-methylphenol	ND		5.3		ug/L		10/10/14 10:11	10/11/14 02:56	1
2-Methylnaphthalene	ND		2.1		ug/L		10/10/14 10:11	10/11/14 02:56	1
Hexachlorocyclopentadiene	ND		5.3		ug/L		10/10/14 10:11	10/11/14 02:56	1
2,4,6-Trichlorophenol	ND		2.1		ug/L		10/10/14 10:11	10/11/14 02:56	1

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60386-1

Client Sample ID: PLPB-2

Lab Sample ID: 720-60386-2

Date Collected: 10/06/14 13:15

Matrix: Water

Date Received: 10/06/14 16:50

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.2		ug/L		10/10/14 10:11	10/11/14 02:56	1
2-Chloronaphthalene	ND		4.2		ug/L		10/10/14 10:11	10/11/14 02:56	1
2-Nitroaniline	ND		11		ug/L		10/10/14 10:11	10/11/14 02:56	1
Dimethyl phthalate	ND		5.3		ug/L		10/10/14 10:11	10/11/14 02:56	1
Acenaphthylene	ND		4.2		ug/L		10/10/14 10:11	10/11/14 02:56	1
3-Nitroaniline	ND		5.3		ug/L		10/10/14 10:11	10/11/14 02:56	1
Acenaphthene	ND		2.1		ug/L		10/10/14 10:11	10/11/14 02:56	1
2,4-Dinitrophenol	ND		11		ug/L		10/10/14 10:11	10/11/14 02:56	1
4-Nitrophenol	ND		11		ug/L		10/10/14 10:11	10/11/14 02:56	1
Dibenzofuran	ND		4.2		ug/L		10/10/14 10:11	10/11/14 02:56	1
2,4-Dinitrotoluene	ND		4.2		ug/L		10/10/14 10:11	10/11/14 02:56	1
2,6-Dinitrotoluene	ND		5.3		ug/L		10/10/14 10:11	10/11/14 02:56	1
Diethyl phthalate	ND		5.3		ug/L		10/10/14 10:11	10/11/14 02:56	1
4-Chlorophenyl phenyl ether	ND		5.3		ug/L		10/10/14 10:11	10/11/14 02:56	1
Fluorene	ND		4.2		ug/L		10/10/14 10:11	10/11/14 02:56	1
4-Nitroaniline	ND		11		ug/L		10/10/14 10:11	10/11/14 02:56	1
2-Methyl-4,6-dinitrophenol	ND		11		ug/L		10/10/14 10:11	10/11/14 02:56	1
N-Nitrosodiphenylamine	ND		2.1		ug/L		10/10/14 10:11	10/11/14 02:56	1
4-Bromophenyl phenyl ether	ND		5.3		ug/L		10/10/14 10:11	10/11/14 02:56	1
Hexachlorobenzene	ND		2.1		ug/L		10/10/14 10:11	10/11/14 02:56	1
Pentachlorophenol	ND		11		ug/L		10/10/14 10:11	10/11/14 02:56	1
Phenanthrene	ND		2.1		ug/L		10/10/14 10:11	10/11/14 02:56	1
Anthracene	ND		2.1		ug/L		10/10/14 10:11	10/11/14 02:56	1
Di-n-butyl phthalate	ND		5.3		ug/L		10/10/14 10:11	10/11/14 02:56	1
Fluoranthene	ND		2.1		ug/L		10/10/14 10:11	10/11/14 02:56	1
Pyrene	ND		2.1		ug/L		10/10/14 10:11	10/11/14 02:56	1
Butyl benzyl phthalate	ND		5.3		ug/L		10/10/14 10:11	10/11/14 02:56	1
3,3'-Dichlorobenzidine	ND		5.3		ug/L		10/10/14 10:11	10/11/14 02:56	1
Benzo[a]anthracene	ND		5.3		ug/L		10/10/14 10:11	10/11/14 02:56	1
Bis(2-ethylhexyl) phthalate	ND		11		ug/L		10/10/14 10:11	10/11/14 02:56	1
Chrysene	ND		2.1		ug/L		10/10/14 10:11	10/11/14 02:56	1
Di-n-octyl phthalate	ND		5.3		ug/L		10/10/14 10:11	10/11/14 02:56	1
Benzo[b]fluoranthene	ND		2.1		ug/L		10/10/14 10:11	10/11/14 02:56	1
Benzo[a]pyrene	ND		2.1		ug/L		10/10/14 10:11	10/11/14 02:56	1
Benzo[k]fluoranthene	ND		2.1		ug/L		10/10/14 10:11	10/11/14 02:56	1
Indeno[1,2,3-cd]pyrene	ND		2.1		ug/L		10/10/14 10:11	10/11/14 02:56	1
Benzo[g,h,i]perylene	ND		2.1		ug/L		10/10/14 10:11	10/11/14 02:56	1
Benzoic acid	ND		11		ug/L		10/10/14 10:11	10/11/14 02:56	1
Azobenzene	ND		2.1		ug/L		10/10/14 10:11	10/11/14 02:56	1
Dibenz(a,h)anthracene	ND		2.1		ug/L		10/10/14 10:11	10/11/14 02:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	53		11 - 92	10/10/14 10:11	10/11/14 02:56	1
2-Fluorobiphenyl	45		10 - 101	10/10/14 10:11	10/11/14 02:56	1
Terphenyl-d14	93		34 - 128	10/10/14 10:11	10/11/14 02:56	1
2-Fluorophenol	23		10 - 65	10/10/14 10:11	10/11/14 02:56	1
Phenol-d5	14		10 - 46	10/10/14 10:11	10/11/14 02:56	1
2,4,6-Tribromophenol	70		17 - 115	10/10/14 10:11	10/11/14 02:56	1

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
 Project/Site: Philips San Jose

TestAmerica Job ID: 720-60386-1

Client Sample ID: PLPB-2

Lab Sample ID: 720-60386-2

Date Collected: 10/06/14 13:15

Matrix: Water

Date Received: 10/06/14 16:50

Method: 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.010		mg/L		10/09/14 19:16	10/10/14 20:40	1
Arsenic	0.012		0.010		mg/L		10/09/14 19:16	10/10/14 20:40	1
Beryllium	ND		0.0020		mg/L		10/09/14 19:16	10/10/14 20:40	1
Cadmium	ND		0.0020		mg/L		10/09/14 19:16	10/10/14 20:40	1
Chromium	ND		0.010		mg/L		10/09/14 19:16	10/10/14 20:40	1
Copper	ND		0.020		mg/L		10/09/14 19:16	10/10/14 20:40	1
Lead	ND		0.0050		mg/L		10/09/14 19:16	10/10/14 20:40	1
Nickel	ND		0.010		mg/L		10/09/14 19:16	10/10/14 20:40	1
Selenium	ND		0.020		mg/L		10/09/14 19:16	10/10/14 20:40	1
Silver	ND		0.0050		mg/L		10/09/14 19:16	10/10/14 20:40	1
Zinc	0.081		0.020		mg/L		10/09/14 19:16	10/10/14 20:40	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		10/09/14 09:16	10/09/14 15:03	1



Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60386-1

Client Sample ID: TB

Lab Sample ID: 720-60386-3

Date Collected: 10/06/14 00:00

Matrix: Water

Date Received: 10/06/14 16:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			10/14/14 13:45	1
Acetone	ND		50		ug/L			10/14/14 13:45	1
Benzene	ND		0.50		ug/L			10/14/14 13:45	1
Dichlorobromomethane	ND		0.50		ug/L			10/14/14 13:45	1
Bromobenzene	ND		1.0		ug/L			10/14/14 13:45	1
Chlorobromomethane	ND		1.0		ug/L			10/14/14 13:45	1
Bromoform	ND		1.0		ug/L			10/14/14 13:45	1
Bromomethane	ND		1.0		ug/L			10/14/14 13:45	1
2-Butanone (MEK)	ND		50		ug/L			10/14/14 13:45	1
n-Butylbenzene	ND		1.0		ug/L			10/14/14 13:45	1
sec-Butylbenzene	ND		1.0		ug/L			10/14/14 13:45	1
tert-Butylbenzene	ND		1.0		ug/L			10/14/14 13:45	1
Carbon disulfide	ND		5.0		ug/L			10/14/14 13:45	1
Carbon tetrachloride	ND		0.50		ug/L			10/14/14 13:45	1
Chlorobenzene	ND		0.50		ug/L			10/14/14 13:45	1
Chloroethane	ND		1.0		ug/L			10/14/14 13:45	1
Chloroform	ND		1.0		ug/L			10/14/14 13:45	1
Chloromethane	ND		1.0		ug/L			10/14/14 13:45	1
2-Chlorotoluene	ND		0.50		ug/L			10/14/14 13:45	1
4-Chlorotoluene	ND		0.50		ug/L			10/14/14 13:45	1
Chlorodibromomethane	ND		0.50		ug/L			10/14/14 13:45	1
1,2-Dichlorobenzene	ND		0.50		ug/L			10/14/14 13:45	1
1,3-Dichlorobenzene	ND		0.50		ug/L			10/14/14 13:45	1
1,4-Dichlorobenzene	ND		0.50		ug/L			10/14/14 13:45	1
1,3-Dichloropropane	ND		1.0		ug/L			10/14/14 13:45	1
1,1-Dichloropropene	ND		0.50		ug/L			10/14/14 13:45	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			10/14/14 13:45	1
Ethylene Dibromide	ND		0.50		ug/L			10/14/14 13:45	1
Dibromomethane	ND		0.50		ug/L			10/14/14 13:45	1
Dichlorodifluoromethane	ND		0.50		ug/L			10/14/14 13:45	1
1,1-Dichloroethane	ND		0.50		ug/L			10/14/14 13:45	1
1,2-Dichloroethane	ND		0.50		ug/L			10/14/14 13:45	1
1,1-Dichloroethene	ND		0.50		ug/L			10/14/14 13:45	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			10/14/14 13:45	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			10/14/14 13:45	1
1,2-Dichloropropane	ND		0.50		ug/L			10/14/14 13:45	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			10/14/14 13:45	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			10/14/14 13:45	1
Ethylbenzene	ND		0.50		ug/L			10/14/14 13:45	1
Hexachlorobutadiene	ND		1.0		ug/L			10/14/14 13:45	1
2-Hexanone	ND		50		ug/L			10/14/14 13:45	1
Isopropylbenzene	ND		0.50		ug/L			10/14/14 13:45	1
4-Isopropyltoluene	ND		1.0		ug/L			10/14/14 13:45	1
Methylene Chloride	ND		5.0		ug/L			10/14/14 13:45	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			10/14/14 13:45	1
Naphthalene	ND		1.0		ug/L			10/14/14 13:45	1
N-Propylbenzene	ND		1.0		ug/L			10/14/14 13:45	1
Styrene	ND		0.50		ug/L			10/14/14 13:45	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			10/14/14 13:45	1

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60386-1

Client Sample ID: TB

Lab Sample ID: 720-60386-3

Date Collected: 10/06/14 00:00

Matrix: Water

Date Received: 10/06/14 16:50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			10/14/14 13:45	1
Tetrachloroethene	ND		0.50		ug/L			10/14/14 13:45	1
Toluene	ND		0.50		ug/L			10/14/14 13:45	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			10/14/14 13:45	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			10/14/14 13:45	1
1,1,1-Trichloroethane	ND		0.50		ug/L			10/14/14 13:45	1
1,1,2-Trichloroethane	ND		0.50		ug/L			10/14/14 13:45	1
Trichloroethene	ND		0.50		ug/L			10/14/14 13:45	1
Trichlorofluoromethane	ND		1.0		ug/L			10/14/14 13:45	1
1,2,3-Trichloropropane	ND		0.50		ug/L			10/14/14 13:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			10/14/14 13:45	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			10/14/14 13:45	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			10/14/14 13:45	1
Vinyl acetate	ND		10		ug/L			10/14/14 13:45	1
Vinyl chloride	ND		0.50		ug/L			10/14/14 13:45	1
Xylenes, Total	ND		1.0		ug/L			10/14/14 13:45	1
2,2-Dichloropropane	ND		0.50		ug/L			10/14/14 13:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	110		67 - 130					10/14/14 13:45	1
1,2-Dichloroethane-d4 (Surr)	98		72 - 130					10/14/14 13:45	1
Toluene-d8 (Surr)	93		70 - 130					10/14/14 13:45	1

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60386-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 720-168716/5

Matrix: Water

Analysis Batch: 168716

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			10/13/14 19:51	1
Acetone	ND		50		ug/L			10/13/14 19:51	1
Benzene	ND		0.50		ug/L			10/13/14 19:51	1
Dichlorobromomethane	ND		0.50		ug/L			10/13/14 19:51	1
Bromobenzene	ND		1.0		ug/L			10/13/14 19:51	1
Chlorobromomethane	ND		1.0		ug/L			10/13/14 19:51	1
Bromoform	ND		1.0		ug/L			10/13/14 19:51	1
Bromomethane	ND		1.0		ug/L			10/13/14 19:51	1
2-Butanone (MEK)	ND		50		ug/L			10/13/14 19:51	1
n-Butylbenzene	ND		1.0		ug/L			10/13/14 19:51	1
sec-Butylbenzene	ND		1.0		ug/L			10/13/14 19:51	1
tert-Butylbenzene	ND		1.0		ug/L			10/13/14 19:51	1
Carbon disulfide	ND		5.0		ug/L			10/13/14 19:51	1
Carbon tetrachloride	ND		0.50		ug/L			10/13/14 19:51	1
Chlorobenzene	ND		0.50		ug/L			10/13/14 19:51	1
Chloroethane	ND		1.0		ug/L			10/13/14 19:51	1
Chloroform	ND		1.0		ug/L			10/13/14 19:51	1
Chloromethane	ND		1.0		ug/L			10/13/14 19:51	1
2-Chlorotoluene	ND		0.50		ug/L			10/13/14 19:51	1
4-Chlorotoluene	ND		0.50		ug/L			10/13/14 19:51	1
Chlorodibromomethane	ND		0.50		ug/L			10/13/14 19:51	1
1,2-Dichlorobenzene	ND		0.50		ug/L			10/13/14 19:51	1
1,3-Dichlorobenzene	ND		0.50		ug/L			10/13/14 19:51	1
1,4-Dichlorobenzene	ND		0.50		ug/L			10/13/14 19:51	1
1,3-Dichloropropane	ND		1.0		ug/L			10/13/14 19:51	1
1,1-Dichloropropene	ND		0.50		ug/L			10/13/14 19:51	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			10/13/14 19:51	1
Ethylene Dibromide	ND		0.50		ug/L			10/13/14 19:51	1
Dibromomethane	ND		0.50		ug/L			10/13/14 19:51	1
Dichlorodifluoromethane	ND		0.50		ug/L			10/13/14 19:51	1
1,1-Dichloroethane	ND		0.50		ug/L			10/13/14 19:51	1
1,2-Dichloroethane	ND		0.50		ug/L			10/13/14 19:51	1
1,1-Dichloroethene	ND		0.50		ug/L			10/13/14 19:51	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			10/13/14 19:51	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			10/13/14 19:51	1
1,2-Dichloropropane	ND		0.50		ug/L			10/13/14 19:51	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			10/13/14 19:51	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			10/13/14 19:51	1
Ethylbenzene	ND		0.50		ug/L			10/13/14 19:51	1
Hexachlorobutadiene	ND		1.0		ug/L			10/13/14 19:51	1
2-Hexanone	ND		50		ug/L			10/13/14 19:51	1
Isopropylbenzene	ND		0.50		ug/L			10/13/14 19:51	1
4-Isopropyltoluene	ND		1.0		ug/L			10/13/14 19:51	1
Methylene Chloride	ND		5.0		ug/L			10/13/14 19:51	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			10/13/14 19:51	1
Naphthalene	ND		1.0		ug/L			10/13/14 19:51	1
N-Propylbenzene	ND		1.0		ug/L			10/13/14 19:51	1
Styrene	ND		0.50		ug/L			10/13/14 19:51	1

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60386-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 720-168716/5

Matrix: Water

Analysis Batch: 168716

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			10/13/14 19:51	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			10/13/14 19:51	1
Tetrachloroethene	ND		0.50		ug/L			10/13/14 19:51	1
Toluene	ND		0.50		ug/L			10/13/14 19:51	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			10/13/14 19:51	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			10/13/14 19:51	1
1,1,1-Trichloroethane	ND		0.50		ug/L			10/13/14 19:51	1
1,1,2-Trichloroethane	ND		0.50		ug/L			10/13/14 19:51	1
Trichloroethene	ND		0.50		ug/L			10/13/14 19:51	1
Trichlorofluoromethane	ND		1.0		ug/L			10/13/14 19:51	1
1,2,3-Trichloropropane	ND		0.50		ug/L			10/13/14 19:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			10/13/14 19:51	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			10/13/14 19:51	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			10/13/14 19:51	1
Vinyl acetate	ND		10		ug/L			10/13/14 19:51	1
Vinyl chloride	ND		0.50		ug/L			10/13/14 19:51	1
Xylenes, Total	ND		1.0		ug/L			10/13/14 19:51	1
2,2-Dichloropropane	ND		0.50		ug/L			10/13/14 19:51	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	108		67 - 130		10/13/14 19:51	1
1,2-Dichloroethane-d4 (Surr)	103		72 - 130		10/13/14 19:51	1
Toluene-d8 (Surr)	94		70 - 130		10/13/14 19:51	1

Lab Sample ID: LCS 720-168716/6

Matrix: Water

Analysis Batch: 168716

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl tert-butyl ether	25.0	27.2		ug/L		109	62 - 130
Acetone	125	125		ug/L		100	26 - 180
Benzene	25.0	25.7		ug/L		103	79 - 130
Dichlorobromomethane	25.0	28.6		ug/L		114	70 - 130
Bromobenzene	25.0	24.5		ug/L		98	70 - 130
Chlorobromomethane	25.0	22.0		ug/L		88	70 - 130
Bromoform	25.0	30.6		ug/L		122	68 - 136
Bromomethane	25.0	21.9		ug/L		88	43 - 151
2-Butanone (MEK)	125	121		ug/L		97	54 - 130
n-Butylbenzene	25.0	29.1		ug/L		116	70 - 142
sec-Butylbenzene	25.0	26.3		ug/L		105	70 - 134
tert-Butylbenzene	25.0	25.3		ug/L		101	70 - 135
Carbon disulfide	25.0	22.7		ug/L		91	58 - 130
Carbon tetrachloride	25.0	25.8		ug/L		103	70 - 146
Chlorobenzene	25.0	26.9		ug/L		107	70 - 130
Chloroethane	25.0	22.9		ug/L		92	62 - 138
Chloroform	25.0	27.1		ug/L		108	70 - 130
Chloromethane	25.0	28.8		ug/L		115	52 - 175
2-Chlorotoluene	25.0	27.6		ug/L		110	70 - 130

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60386-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 720-168716/6

Matrix: Water

Analysis Batch: 168716

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4-Chlorotoluene	25.0	28.3		ug/L		113	70 - 130
Chlorodibromomethane	25.0	27.0		ug/L		108	70 - 145
1,2-Dichlorobenzene	25.0	25.1		ug/L		100	70 - 130
1,3-Dichlorobenzene	25.0	25.2		ug/L		101	70 - 130
1,4-Dichlorobenzene	25.0	25.1		ug/L		100	70 - 130
1,3-Dichloropropane	25.0	26.9		ug/L		108	70 - 130
1,1-Dichloropropene	25.0	28.2		ug/L		113	70 - 130
1,2-Dibromo-3-Chloropropane	25.0	28.0		ug/L		112	70 - 136
Ethylene Dibromide	25.0	24.8		ug/L		99	70 - 130
Dibromomethane	25.0	26.4		ug/L		106	70 - 130
Dichlorodifluoromethane	25.0	25.8		ug/L		103	34 - 132
1,1-Dichloroethane	25.0	26.8		ug/L		107	70 - 130
1,2-Dichloroethane	25.0	28.2		ug/L		113	61 - 132
1,1-Dichloroethene	25.0	21.1		ug/L		85	64 - 128
cis-1,2-Dichloroethene	25.0	26.4		ug/L		106	70 - 130
trans-1,2-Dichloroethene	25.0	23.7		ug/L		95	68 - 130
1,2-Dichloropropane	25.0	26.5		ug/L		106	70 - 130
cis-1,3-Dichloropropene	25.0	28.6		ug/L		114	70 - 130
trans-1,3-Dichloropropene	25.0	31.5		ug/L		126	70 - 140
Ethylbenzene	25.0	28.0		ug/L		112	80 - 120
Hexachlorobutadiene	25.0	29.9		ug/L		119	70 - 130
2-Hexanone	125	142		ug/L		114	60 - 164
Isopropylbenzene	25.0	27.1		ug/L		108	70 - 130
4-Isopropyltoluene	25.0	24.9		ug/L		100	70 - 130
Methylene Chloride	25.0	25.2		ug/L		101	70 - 147
4-Methyl-2-pentanone (MIBK)	125	148		ug/L		119	58 - 130
Naphthalene	25.0	26.5		ug/L		106	70 - 130
N-Propylbenzene	25.0	28.1		ug/L		112	70 - 130
Styrene	25.0	26.8		ug/L		107	70 - 130
1,1,1,2-Tetrachloroethane	25.0	27.0		ug/L		108	70 - 130
1,1,1,2,2-Tetrachloroethane	25.0	31.4		ug/L		125	70 - 130
Tetrachloroethene	25.0	23.8		ug/L		95	70 - 130
Toluene	25.0	27.7		ug/L		111	78 - 120
1,2,3-Trichlorobenzene	25.0	27.2		ug/L		109	70 - 130
1,2,4-Trichlorobenzene	25.0	27.4		ug/L		110	70 - 130
1,1,1-Trichloroethane	25.0	25.3		ug/L		101	70 - 130
1,1,2-Trichloroethane	25.0	27.3		ug/L		109	70 - 130
Trichloroethene	25.0	22.5		ug/L		90	70 - 130
Trichlorofluoromethane	25.0	27.3		ug/L		109	66 - 132
1,2,3-Trichloropropane	25.0	27.9		ug/L		112	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	19.4		ug/L		78	42 - 162
1,2,4-Trimethylbenzene	25.0	26.7		ug/L		107	70 - 132
1,3,5-Trimethylbenzene	25.0	27.3		ug/L		109	70 - 130
Vinyl acetate	25.0	33.8		ug/L		135	43 - 163
Vinyl chloride	25.0	22.8		ug/L		91	54 - 135
m-Xylene & p-Xylene	25.0	27.9		ug/L		112	70 - 142
o-Xylene	25.0	28.3		ug/L		113	70 - 130

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60386-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 720-168716/6

Matrix: Water

Analysis Batch: 168716

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,2-Dichloropropane	25.0	25.2		ug/L		101	70 - 140

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	113		67 - 130
1,2-Dichloroethane-d4 (Surr)	106		72 - 130
Toluene-d8 (Surr)	95		70 - 130

Lab Sample ID: LCSD 720-168716/7

Matrix: Water

Analysis Batch: 168716

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Methyl tert-butyl ether	25.0	25.7		ug/L		103	62 - 130	5	20
Acetone	125	110		ug/L		88	26 - 180	13	30
Benzene	25.0	25.6		ug/L		102	79 - 130	0	20
Dichlorobromomethane	25.0	27.7		ug/L		111	70 - 130	3	20
Bromobenzene	25.0	24.4		ug/L		97	70 - 130	1	20
Chlorobromomethane	25.0	21.4		ug/L		86	70 - 130	3	20
Bromoform	25.0	26.4		ug/L		106	68 - 136	15	20
Bromomethane	25.0	23.7		ug/L		95	43 - 151	8	20
2-Butanone (MEK)	125	111		ug/L		89	54 - 130	8	20
n-Butylbenzene	25.0	29.4		ug/L		118	70 - 142	1	20
sec-Butylbenzene	25.0	26.8		ug/L		107	70 - 134	2	20
tert-Butylbenzene	25.0	25.8		ug/L		103	70 - 135	2	20
Carbon disulfide	25.0	23.3		ug/L		93	58 - 130	3	20
Carbon tetrachloride	25.0	25.6		ug/L		102	70 - 146	1	20
Chlorobenzene	25.0	24.7		ug/L		99	70 - 130	8	20
Chloroethane	25.0	24.5		ug/L		98	62 - 138	7	20
Chloroform	25.0	27.0		ug/L		108	70 - 130	0	20
Chloromethane	25.0	30.5		ug/L		122	52 - 175	6	20
2-Chlorotoluene	25.0	28.3		ug/L		113	70 - 130	2	20
4-Chlorotoluene	25.0	28.5		ug/L		114	70 - 130	1	20
Chlorodibromomethane	25.0	25.7		ug/L		103	70 - 145	5	20
1,2-Dichlorobenzene	25.0	24.9		ug/L		100	70 - 130	1	20
1,3-Dichlorobenzene	25.0	25.4		ug/L		101	70 - 130	1	20
1,4-Dichlorobenzene	25.0	25.3		ug/L		101	70 - 130	1	20
1,3-Dichloropropane	25.0	25.5		ug/L		102	70 - 130	5	20
1,1-Dichloropropene	25.0	28.1		ug/L		113	70 - 130	0	20
1,2-Dibromo-3-Chloropropane	25.0	25.3		ug/L		101	70 - 136	10	20
Ethylene Dibromide	25.0	23.3		ug/L		93	70 - 130	6	20
Dibromomethane	25.0	25.3		ug/L		101	70 - 130	4	20
Dichlorodifluoromethane	25.0	27.5		ug/L		110	34 - 132	6	20
1,1-Dichloroethane	25.0	26.9		ug/L		108	70 - 130	0	20
1,2-Dichloroethane	25.0	27.0		ug/L		108	61 - 132	5	20
1,1-Dichloroethene	25.0	21.3		ug/L		85	64 - 128	1	20
cis-1,2-Dichloroethene	25.0	26.4		ug/L		106	70 - 130	0	20
trans-1,2-Dichloroethene	25.0	24.3		ug/L		97	68 - 130	3	20
1,2-Dichloropropane	25.0	26.5		ug/L		106	70 - 130	0	20

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60386-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 720-168716/7

Matrix: Water

Analysis Batch: 168716

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits		RPD	
							RPD	Limit		
cis-1,3-Dichloropropene	25.0	28.0		ug/L		112	70 - 130	2	20	
trans-1,3-Dichloropropene	25.0	30.2		ug/L		121	70 - 140	4	20	
Ethylbenzene	25.0	26.0		ug/L		104	80 - 120	7	20	
Hexachlorobutadiene	25.0	31.1		ug/L		125	70 - 130	4	20	
2-Hexanone	125	122		ug/L		98	60 - 164	15	20	
Isopropylbenzene	25.0	25.1		ug/L		100	70 - 130	8	20	
4-Isopropyltoluene	25.0	25.3		ug/L		101	70 - 130	2	20	
Methylene Chloride	25.0	24.9		ug/L		100	70 - 147	1	20	
4-Methyl-2-pentanone (MIBK)	125	128		ug/L		103	58 - 130	14	20	
Naphthalene	25.0	25.1		ug/L		100	70 - 130	5	20	
N-Propylbenzene	25.0	29.0		ug/L		116	70 - 130	3	20	
Styrene	25.0	24.6		ug/L		98	70 - 130	9	20	
1,1,1,2-Tetrachloroethane	25.0	24.7		ug/L		99	70 - 130	9	20	
1,1,1,2-Tetrachloroethane	25.0	29.4		ug/L		118	70 - 130	6	20	
Tetrachloroethene	25.0	23.6		ug/L		94	70 - 130	1	20	
Toluene	25.0	25.8		ug/L		103	78 - 120	7	20	
1,2,3-Trichlorobenzene	25.0	26.7		ug/L		107	70 - 130	2	20	
1,2,4-Trichlorobenzene	25.0	27.3		ug/L		109	70 - 130	0	20	
1,1,1-Trichloroethane	25.0	25.8		ug/L		103	70 - 130	2	20	
1,1,2-Trichloroethane	25.0	26.3		ug/L		105	70 - 130	3	20	
Trichloroethene	25.0	22.1		ug/L		88	70 - 130	2	20	
Trichlorofluoromethane	25.0	28.0		ug/L		112	66 - 132	3	20	
1,2,3-Trichloropropane	25.0	26.8		ug/L		107	70 - 130	4	20	
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	19.8		ug/L		79	42 - 162	2	20	
1,2,4-Trimethylbenzene	25.0	27.1		ug/L		109	70 - 132	2	20	
1,3,5-Trimethylbenzene	25.0	27.7		ug/L		111	70 - 130	1	20	
Vinyl acetate	25.0	31.4		ug/L		126	43 - 163	7	20	
Vinyl chloride	25.0	25.2		ug/L		101	54 - 135	10	20	
m-Xylene & p-Xylene	25.0	25.9		ug/L		104	70 - 142	7	20	
o-Xylene	25.0	26.0		ug/L		104	70 - 130	9	20	
2,2-Dichloropropane	25.0	26.5		ug/L		106	70 - 140	5	20	

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene	104		67 - 130
1,2-Dichloroethane-d4 (Surr)	100		72 - 130
Toluene-d8 (Surr)	94		70 - 130

Lab Sample ID: MB 720-168773/4

Matrix: Water

Analysis Batch: 168773

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Methyl tert-butyl ether	ND		0.50		ug/L			10/14/14 10:08	1
Acetone	ND		50		ug/L			10/14/14 10:08	1
Benzene	ND		0.50		ug/L			10/14/14 10:08	1
Dichlorobromomethane	ND		0.50		ug/L			10/14/14 10:08	1
Bromobenzene	ND		1.0		ug/L			10/14/14 10:08	1

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60386-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 720-168773/4

Matrix: Water

Analysis Batch: 168773

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Chlorobromomethane	ND		1.0		ug/L			10/14/14 10:08	1
Bromoform	ND		1.0		ug/L			10/14/14 10:08	1
Bromomethane	ND		1.0		ug/L			10/14/14 10:08	1
2-Butanone (MEK)	ND		50		ug/L			10/14/14 10:08	1
n-Butylbenzene	ND		1.0		ug/L			10/14/14 10:08	1
sec-Butylbenzene	ND		1.0		ug/L			10/14/14 10:08	1
tert-Butylbenzene	ND		1.0		ug/L			10/14/14 10:08	1
Carbon disulfide	ND		5.0		ug/L			10/14/14 10:08	1
Carbon tetrachloride	ND		0.50		ug/L			10/14/14 10:08	1
Chlorobenzene	ND		0.50		ug/L			10/14/14 10:08	1
Chloroethane	ND		1.0		ug/L			10/14/14 10:08	1
Chloroform	ND		1.0		ug/L			10/14/14 10:08	1
Chloromethane	ND		1.0		ug/L			10/14/14 10:08	1
2-Chlorotoluene	ND		0.50		ug/L			10/14/14 10:08	1
4-Chlorotoluene	ND		0.50		ug/L			10/14/14 10:08	1
Chlorodibromomethane	ND		0.50		ug/L			10/14/14 10:08	1
1,2-Dichlorobenzene	ND		0.50		ug/L			10/14/14 10:08	1
1,3-Dichlorobenzene	ND		0.50		ug/L			10/14/14 10:08	1
1,4-Dichlorobenzene	ND		0.50		ug/L			10/14/14 10:08	1
1,3-Dichloropropane	ND		1.0		ug/L			10/14/14 10:08	1
1,1-Dichloropropene	ND		0.50		ug/L			10/14/14 10:08	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			10/14/14 10:08	1
Ethylene Dibromide	ND		0.50		ug/L			10/14/14 10:08	1
Dibromomethane	ND		0.50		ug/L			10/14/14 10:08	1
Dichlorodifluoromethane	ND		0.50		ug/L			10/14/14 10:08	1
1,1-Dichloroethane	ND		0.50		ug/L			10/14/14 10:08	1
1,2-Dichloroethane	ND		0.50		ug/L			10/14/14 10:08	1
1,1-Dichloroethene	ND		0.50		ug/L			10/14/14 10:08	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			10/14/14 10:08	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			10/14/14 10:08	1
1,2-Dichloropropane	ND		0.50		ug/L			10/14/14 10:08	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			10/14/14 10:08	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			10/14/14 10:08	1
Ethylbenzene	ND		0.50		ug/L			10/14/14 10:08	1
Hexachlorobutadiene	ND		1.0		ug/L			10/14/14 10:08	1
2-Hexanone	ND		50		ug/L			10/14/14 10:08	1
Isopropylbenzene	ND		0.50		ug/L			10/14/14 10:08	1
4-Isopropyltoluene	ND		1.0		ug/L			10/14/14 10:08	1
Methylene Chloride	ND		5.0		ug/L			10/14/14 10:08	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			10/14/14 10:08	1
Naphthalene	ND		1.0		ug/L			10/14/14 10:08	1
N-Propylbenzene	ND		1.0		ug/L			10/14/14 10:08	1
Styrene	ND		0.50		ug/L			10/14/14 10:08	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			10/14/14 10:08	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			10/14/14 10:08	1
Tetrachloroethene	ND		0.50		ug/L			10/14/14 10:08	1
Toluene	ND		0.50		ug/L			10/14/14 10:08	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			10/14/14 10:08	1

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60386-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 720-168773/4

Matrix: Water

Analysis Batch: 168773

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		1.0		ug/L			10/14/14 10:08	1
1,1,1-Trichloroethane	ND		0.50		ug/L			10/14/14 10:08	1
1,1,2-Trichloroethane	ND		0.50		ug/L			10/14/14 10:08	1
Trichloroethene	ND		0.50		ug/L			10/14/14 10:08	1
Trichlorofluoromethane	ND		1.0		ug/L			10/14/14 10:08	1
1,2,3-Trichloropropane	ND		0.50		ug/L			10/14/14 10:08	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			10/14/14 10:08	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			10/14/14 10:08	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			10/14/14 10:08	1
Vinyl acetate	ND		10		ug/L			10/14/14 10:08	1
Vinyl chloride	ND		0.50		ug/L			10/14/14 10:08	1
Xylenes, Total	ND		1.0		ug/L			10/14/14 10:08	1
2,2-Dichloropropane	ND		0.50		ug/L			10/14/14 10:08	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	111		67 - 130		10/14/14 10:08	1
1,2-Dichloroethane-d4 (Surr)	98		72 - 130		10/14/14 10:08	1
Toluene-d8 (Surr)	93		70 - 130		10/14/14 10:08	1

Lab Sample ID: LCS 720-168773/5

Matrix: Water

Analysis Batch: 168773

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl tert-butyl ether	25.0	25.7		ug/L		103	62 - 130
Acetone	125	123		ug/L		98	26 - 180
Benzene	25.0	26.0		ug/L		104	79 - 130
Dichlorobromomethane	25.0	27.0		ug/L		108	70 - 130
Bromobenzene	25.0	24.2		ug/L		97	70 - 130
Chlorobromomethane	25.0	21.7		ug/L		87	70 - 130
Bromoform	25.0	25.7		ug/L		103	68 - 136
Bromomethane	25.0	25.7		ug/L		103	43 - 151
2-Butanone (MEK)	125	115		ug/L		92	54 - 130
n-Butylbenzene	25.0	30.2		ug/L		121	70 - 142
sec-Butylbenzene	25.0	26.7		ug/L		107	70 - 134
tert-Butylbenzene	25.0	25.2		ug/L		101	70 - 135
Carbon disulfide	25.0	24.6		ug/L		98	58 - 130
Carbon tetrachloride	25.0	24.8		ug/L		99	70 - 146
Chlorobenzene	25.0	25.1		ug/L		100	70 - 130
Chloroethane	25.0	27.0		ug/L		108	62 - 138
Chloroform	25.0	26.4		ug/L		106	70 - 130
Chloromethane	25.0	29.0		ug/L		116	52 - 175
2-Chlorotoluene	25.0	28.0		ug/L		112	70 - 130
4-Chlorotoluene	25.0	28.4		ug/L		114	70 - 130
Chlorodibromomethane	25.0	24.8		ug/L		99	70 - 145
1,2-Dichlorobenzene	25.0	24.5		ug/L		98	70 - 130
1,3-Dichlorobenzene	25.0	25.7		ug/L		103	70 - 130
1,4-Dichlorobenzene	25.0	25.4		ug/L		102	70 - 130

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60386-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 720-168773/5

Matrix: Water

Analysis Batch: 168773

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,3-Dichloropropane	25.0	25.1		ug/L		100	70 - 130
1,1-Dichloropropene	25.0	28.5		ug/L		114	70 - 130
1,2-Dibromo-3-Chloropropane	25.0	23.2		ug/L		93	70 - 136
Ethylene Dibromide	25.0	22.3		ug/L		89	70 - 130
Dibromomethane	25.0	24.2		ug/L		97	70 - 130
Dichlorodifluoromethane	25.0	27.4		ug/L		110	34 - 132
1,1-Dichloroethane	25.0	27.2		ug/L		109	70 - 130
1,2-Dichloroethane	25.0	24.9		ug/L		100	61 - 132
1,1-Dichloroethene	25.0	22.9		ug/L		92	64 - 128
cis-1,2-Dichloroethene	25.0	26.4		ug/L		105	70 - 130
trans-1,2-Dichloroethene	25.0	25.0		ug/L		100	68 - 130
1,2-Dichloropropane	25.0	26.2		ug/L		105	70 - 130
cis-1,3-Dichloropropene	25.0	27.8		ug/L		111	70 - 130
trans-1,3-Dichloropropene	25.0	29.1		ug/L		116	70 - 140
Ethylbenzene	25.0	26.3		ug/L		105	80 - 120
Hexachlorobutadiene	25.0	31.4		ug/L		125	70 - 130
2-Hexanone	125	106		ug/L		85	60 - 164
Isopropylbenzene	25.0	25.3		ug/L		101	70 - 130
4-Isopropyltoluene	25.0	25.4		ug/L		102	70 - 130
Methylene Chloride	25.0	25.5		ug/L		102	70 - 147
4-Methyl-2-pentanone (MIBK)	125	110		ug/L		88	58 - 130
Naphthalene	25.0	23.7		ug/L		95	70 - 130
N-Propylbenzene	25.0	28.8		ug/L		115	70 - 130
Styrene	25.0	25.1		ug/L		100	70 - 130
1,1,1,2-Tetrachloroethane	25.0	24.1		ug/L		97	70 - 130
1,1,1,2,2-Tetrachloroethane	25.0	27.9		ug/L		112	70 - 130
Tetrachloroethene	25.0	24.4		ug/L		98	70 - 130
Toluene	25.0	26.4		ug/L		106	78 - 120
1,2,3-Trichlorobenzene	25.0	26.8		ug/L		107	70 - 130
1,2,4-Trichlorobenzene	25.0	28.7		ug/L		115	70 - 130
1,1,1-Trichloroethane	25.0	24.9		ug/L		100	70 - 130
1,1,2-Trichloroethane	25.0	25.5		ug/L		102	70 - 130
Trichloroethene	25.0	22.9		ug/L		91	70 - 130
Trichlorofluoromethane	25.0	28.7		ug/L		115	66 - 132
1,2,3-Trichloropropane	25.0	24.1		ug/L		97	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	21.3		ug/L		85	42 - 162
1,2,4-Trimethylbenzene	25.0	27.1		ug/L		108	70 - 132
1,3,5-Trimethylbenzene	25.0	27.6		ug/L		110	70 - 130
Vinyl acetate	25.0	28.0		ug/L		112	43 - 163
Vinyl chloride	25.0	26.7		ug/L		107	54 - 135
m-Xylene & p-Xylene	25.0	26.3		ug/L		105	70 - 142
o-Xylene	25.0	26.0		ug/L		104	70 - 130
2,2-Dichloropropane	25.0	25.8		ug/L		103	70 - 140

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	102		67 - 130
1,2-Dichloroethane-d4 (Surr)	89		72 - 130

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60386-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 720-168773/5

Matrix: Water

Analysis Batch: 168773

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
Toluene-d8 (Surr)	93		70 - 130

Lab Sample ID: LCSD 720-168773/6

Matrix: Water

Analysis Batch: 168773

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec.		RPD	RPD Limit
							Limits	RPD		
Methyl tert-butyl ether	25.0	25.8		ug/L		103	62 - 130	0	20	
Acetone	125	109		ug/L		87	26 - 180	12	30	
Benzene	25.0	26.6		ug/L		106	79 - 130	2	20	
Dichlorobromomethane	25.0	27.4		ug/L		110	70 - 130	2	20	
Bromobenzene	25.0	24.8		ug/L		99	70 - 130	2	20	
Chlorobromomethane	25.0	22.2		ug/L		89	70 - 130	3	20	
Bromoform	25.0	25.9		ug/L		104	68 - 136	1	20	
Bromomethane	25.0	25.6		ug/L		102	43 - 151	0	20	
2-Butanone (MEK)	125	109		ug/L		87	54 - 130	5	20	
n-Butylbenzene	25.0	30.4		ug/L		122	70 - 142	1	20	
sec-Butylbenzene	25.0	27.1		ug/L		109	70 - 134	2	20	
tert-Butylbenzene	25.0	25.8		ug/L		103	70 - 135	2	20	
Carbon disulfide	25.0	24.6		ug/L		98	58 - 130	0	20	
Carbon tetrachloride	25.0	25.6		ug/L		102	70 - 146	3	20	
Chlorobenzene	25.0	25.5		ug/L		102	70 - 130	2	20	
Chloroethane	25.0	27.0		ug/L		108	62 - 138	0	20	
Chloroform	25.0	27.4		ug/L		109	70 - 130	4	20	
Chloromethane	25.0	29.0		ug/L		116	52 - 175	0	20	
2-Chlorotoluene	25.0	28.7		ug/L		115	70 - 130	3	20	
4-Chlorotoluene	25.0	29.2		ug/L		117	70 - 130	3	20	
Chlorodibromomethane	25.0	25.1		ug/L		101	70 - 145	2	20	
1,2-Dichlorobenzene	25.0	24.9		ug/L		100	70 - 130	2	20	
1,3-Dichlorobenzene	25.0	26.3		ug/L		105	70 - 130	2	20	
1,4-Dichlorobenzene	25.0	25.8		ug/L		103	70 - 130	1	20	
1,3-Dichloropropane	25.0	25.4		ug/L		102	70 - 130	1	20	
1,1-Dichloropropene	25.0	29.3		ug/L		117	70 - 130	3	20	
1,2-Dibromo-3-Chloropropane	25.0	23.3		ug/L		93	70 - 136	1	20	
Ethylene Dibromide	25.0	22.9		ug/L		92	70 - 130	3	20	
Dibromomethane	25.0	24.9		ug/L		100	70 - 130	3	20	
Dichlorodifluoromethane	25.0	26.7		ug/L		107	34 - 132	3	20	
1,1-Dichloroethane	25.0	27.9		ug/L		112	70 - 130	2	20	
1,2-Dichloroethane	25.0	25.3		ug/L		101	61 - 132	2	20	
1,1-Dichloroethene	25.0	23.1		ug/L		93	64 - 128	1	20	
cis-1,2-Dichloroethene	25.0	27.0		ug/L		108	70 - 130	2	20	
trans-1,2-Dichloroethene	25.0	25.5		ug/L		102	68 - 130	2	20	
1,2-Dichloropropane	25.0	27.2		ug/L		109	70 - 130	3	20	
cis-1,3-Dichloropropene	25.0	28.1		ug/L		113	70 - 130	1	20	
trans-1,3-Dichloropropene	25.0	29.4		ug/L		117	70 - 140	1	20	
Ethylbenzene	25.0	26.9		ug/L		108	80 - 120	2	20	
Hexachlorobutadiene	25.0	32.0		ug/L		128	70 - 130	2	20	
2-Hexanone	125	102		ug/L		82	60 - 164	3	20	

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60386-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 720-168773/6

Matrix: Water

Analysis Batch: 168773

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits		RPD	RPD Limit
Isopropylbenzene	25.0	25.5		ug/L		102	70 - 130	1	20	
4-Isopropyltoluene	25.0	25.8		ug/L		103	70 - 130	2	20	
Methylene Chloride	25.0	25.9		ug/L		103	70 - 147	2	20	
4-Methyl-2-pentanone (MIBK)	125	107		ug/L		86	58 - 130	3	20	
Naphthalene	25.0	23.8		ug/L		95	70 - 130	0	20	
N-Propylbenzene	25.0	29.5		ug/L		118	70 - 130	2	20	
Styrene	25.0	25.3		ug/L		101	70 - 130	1	20	
1,1,1,2-Tetrachloroethane	25.0	25.1		ug/L		100	70 - 130	4	20	
1,1,1,2,2-Tetrachloroethane	25.0	28.2		ug/L		113	70 - 130	1	20	
Tetrachloroethene	25.0	24.7		ug/L		99	70 - 130	1	20	
Toluene	25.0	26.5		ug/L		106	78 - 120	0	20	
1,2,3-Trichlorobenzene	25.0	26.8		ug/L		107	70 - 130	0	20	
1,2,4-Trichlorobenzene	25.0	28.5		ug/L		114	70 - 130	1	20	
1,1,1-Trichloroethane	25.0	25.8		ug/L		103	70 - 130	4	20	
1,1,2-Trichloroethane	25.0	25.8		ug/L		103	70 - 130	1	20	
Trichloroethene	25.0	23.6		ug/L		94	70 - 130	3	20	
Trichlorofluoromethane	25.0	28.7		ug/L		115	66 - 132	0	20	
1,2,3-Trichloropropane	25.0	24.6		ug/L		98	70 - 130	2	20	
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	21.5		ug/L		86	42 - 162	1	20	
1,2,4-Trimethylbenzene	25.0	27.7		ug/L		111	70 - 132	2	20	
1,3,5-Trimethylbenzene	25.0	28.2		ug/L		113	70 - 130	2	20	
Vinyl acetate	25.0	27.9		ug/L		111	43 - 163	0	20	
Vinyl chloride	25.0	26.7		ug/L		107	54 - 135	0	20	
m-Xylene & p-Xylene	25.0	26.7		ug/L		107	70 - 142	2	20	
o-Xylene	25.0	26.4		ug/L		106	70 - 130	2	20	
2,2-Dichloropropane	25.0	26.6		ug/L		106	70 - 140	3	20	

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene	101		67 - 130
1,2-Dichloroethane-d4 (Surr)	93		72 - 130
Toluene-d8 (Surr)	96		70 - 130

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 720-168593/1-A

Matrix: Water

Analysis Batch: 168588

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 168593

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Phenol	ND		2.0		ug/L		10/10/14 10:11	10/11/14 00:57	1
Bis(2-chloroethyl)ether	ND		2.0		ug/L		10/10/14 10:11	10/11/14 00:57	1
2-Chlorophenol	ND		4.0		ug/L		10/10/14 10:11	10/11/14 00:57	1
1,3-Dichlorobenzene	ND		2.0		ug/L		10/10/14 10:11	10/11/14 00:57	1
1,4-Dichlorobenzene	ND		2.0		ug/L		10/10/14 10:11	10/11/14 00:57	1
Benzyl alcohol	ND		5.0		ug/L		10/10/14 10:11	10/11/14 00:57	1
1,2-Dichlorobenzene	ND		2.0		ug/L		10/10/14 10:11	10/11/14 00:57	1
2-Methylphenol	ND		4.0		ug/L		10/10/14 10:11	10/11/14 00:57	1

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60386-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 720-168593/1-A

Matrix: Water

Analysis Batch: 168588

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 168593

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
4-Methylphenol	ND		8.0		ug/L		10/10/14 10:11	10/11/14 00:57	1
N-Nitrosodi-n-propylamine	ND		2.0		ug/L		10/10/14 10:11	10/11/14 00:57	1
Hexachloroethane	ND		2.0		ug/L		10/10/14 10:11	10/11/14 00:57	1
Nitrobenzene	ND		2.0		ug/L		10/10/14 10:11	10/11/14 00:57	1
Isophorone	ND		4.0		ug/L		10/10/14 10:11	10/11/14 00:57	1
2-Nitrophenol	ND		2.0		ug/L		10/10/14 10:11	10/11/14 00:57	1
2,4-Dimethylphenol	ND		3.0		ug/L		10/10/14 10:11	10/11/14 00:57	1
Bis(2-chloroethoxy)methane	ND		5.0		ug/L		10/10/14 10:11	10/11/14 00:57	1
2,4-Dichlorophenol	ND		5.0		ug/L		10/10/14 10:11	10/11/14 00:57	1
1,2,4-Trichlorobenzene	ND		2.0		ug/L		10/10/14 10:11	10/11/14 00:57	1
Naphthalene	ND		2.0		ug/L		10/10/14 10:11	10/11/14 00:57	1
4-Chloroaniline	ND		2.0		ug/L		10/10/14 10:11	10/11/14 00:57	1
Hexachlorobutadiene	ND		2.0		ug/L		10/10/14 10:11	10/11/14 00:57	1
4-Chloro-3-methylphenol	ND		5.0		ug/L		10/10/14 10:11	10/11/14 00:57	1
2-Methylnaphthalene	ND		2.0		ug/L		10/10/14 10:11	10/11/14 00:57	1
Hexachlorocyclopentadiene	ND		5.0		ug/L		10/10/14 10:11	10/11/14 00:57	1
2,4,6-Trichlorophenol	ND		2.0		ug/L		10/10/14 10:11	10/11/14 00:57	1
2,4,5-Trichlorophenol	ND		4.0		ug/L		10/10/14 10:11	10/11/14 00:57	1
2-Chloronaphthalene	ND		4.0		ug/L		10/10/14 10:11	10/11/14 00:57	1
2-Nitroaniline	ND		10		ug/L		10/10/14 10:11	10/11/14 00:57	1
Dimethyl phthalate	ND		5.0		ug/L		10/10/14 10:11	10/11/14 00:57	1
Acenaphthylene	ND		4.0		ug/L		10/10/14 10:11	10/11/14 00:57	1
3-Nitroaniline	ND		5.0		ug/L		10/10/14 10:11	10/11/14 00:57	1
Acenaphthene	ND		2.0		ug/L		10/10/14 10:11	10/11/14 00:57	1
2,4-Dinitrophenol	ND		10		ug/L		10/10/14 10:11	10/11/14 00:57	1
4-Nitrophenol	ND		10		ug/L		10/10/14 10:11	10/11/14 00:57	1
Dibenzofuran	ND		4.0		ug/L		10/10/14 10:11	10/11/14 00:57	1
2,4-Dinitrotoluene	ND		4.0		ug/L		10/10/14 10:11	10/11/14 00:57	1
2,6-Dinitrotoluene	ND		5.0		ug/L		10/10/14 10:11	10/11/14 00:57	1
Diethyl phthalate	ND		5.0		ug/L		10/10/14 10:11	10/11/14 00:57	1
4-Chlorophenyl phenyl ether	ND		5.0		ug/L		10/10/14 10:11	10/11/14 00:57	1
Fluorene	ND		4.0		ug/L		10/10/14 10:11	10/11/14 00:57	1
4-Nitroaniline	ND		10		ug/L		10/10/14 10:11	10/11/14 00:57	1
2-Methyl-4,6-dinitrophenol	ND		10		ug/L		10/10/14 10:11	10/11/14 00:57	1
N-Nitrosodiphenylamine	ND		2.0		ug/L		10/10/14 10:11	10/11/14 00:57	1
4-Bromophenyl phenyl ether	ND		5.0		ug/L		10/10/14 10:11	10/11/14 00:57	1
Hexachlorobenzene	ND		2.0		ug/L		10/10/14 10:11	10/11/14 00:57	1
Pentachlorophenol	ND		10		ug/L		10/10/14 10:11	10/11/14 00:57	1
Phenanthrene	ND		2.0		ug/L		10/10/14 10:11	10/11/14 00:57	1
Anthracene	ND		2.0		ug/L		10/10/14 10:11	10/11/14 00:57	1
Di-n-butyl phthalate	ND		5.0		ug/L		10/10/14 10:11	10/11/14 00:57	1
Fluoranthene	ND		2.0		ug/L		10/10/14 10:11	10/11/14 00:57	1
Pyrene	ND		2.0		ug/L		10/10/14 10:11	10/11/14 00:57	1
Butyl benzyl phthalate	ND		5.0		ug/L		10/10/14 10:11	10/11/14 00:57	1
3,3'-Dichlorobenzidine	ND		5.0		ug/L		10/10/14 10:11	10/11/14 00:57	1
Benzo[a]anthracene	ND		5.0		ug/L		10/10/14 10:11	10/11/14 00:57	1
Bis(2-ethylhexyl) phthalate	ND		10		ug/L		10/10/14 10:11	10/11/14 00:57	1
Chrysene	ND		2.0		ug/L		10/10/14 10:11	10/11/14 00:57	1

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60386-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 720-168593/1-A

Matrix: Water

Analysis Batch: 168588

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 168593

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		5.0		ug/L		10/10/14 10:11	10/11/14 00:57	1
Benzo[b]fluoranthene	ND		2.0		ug/L		10/10/14 10:11	10/11/14 00:57	1
Benzo[a]pyrene	ND		2.0		ug/L		10/10/14 10:11	10/11/14 00:57	1
Benzo[k]fluoranthene	ND		2.0		ug/L		10/10/14 10:11	10/11/14 00:57	1
Indeno[1,2,3-cd]pyrene	ND		2.0		ug/L		10/10/14 10:11	10/11/14 00:57	1
Benzo[g,h,i]perylene	ND		2.0		ug/L		10/10/14 10:11	10/11/14 00:57	1
Benzoic acid	ND		10		ug/L		10/10/14 10:11	10/11/14 00:57	1
Azobenzene	ND		2.0		ug/L		10/10/14 10:11	10/11/14 00:57	1
Dibenz(a,h)anthracene	ND		2.0		ug/L		10/10/14 10:11	10/11/14 00:57	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	70		11 - 92	10/10/14 10:11	10/11/14 00:57	1
2-Fluorobiphenyl	66		10 - 101	10/10/14 10:11	10/11/14 00:57	1
Terphenyl-d14	79		34 - 128	10/10/14 10:11	10/11/14 00:57	1
2-Fluorophenol	32		10 - 65	10/10/14 10:11	10/11/14 00:57	1
Phenol-d5	18		10 - 46	10/10/14 10:11	10/11/14 00:57	1
2,4,6-Tribromophenol	82		17 - 115	10/10/14 10:11	10/11/14 00:57	1

Lab Sample ID: LCS 720-168593/2-A

Matrix: Water

Analysis Batch: 168588

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 168593

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Phenol	40.0	11.2		ug/L		28	10 - 115
Bis(2-chloroethyl)ether	40.0	27.9		ug/L		70	12 - 115
2-Chlorophenol	40.0	26.6		ug/L		67	14 - 115
1,3-Dichlorobenzene	40.0	26.1		ug/L		65	13 - 115
1,4-Dichlorobenzene	40.0	25.3		ug/L		63	14 - 115
Benzyl alcohol	40.0	23.1		ug/L		58	19 - 115
1,2-Dichlorobenzene	40.0	25.7		ug/L		64	10 - 115
2-Methylphenol	40.0	23.3		ug/L		58	13 - 115
4-Methylphenol	40.0	21.1		ug/L		53	10 - 115
N-Nitrosodi-n-propylamine	40.0	26.8		ug/L		67	17 - 115
Hexachloroethane	40.0	25.8		ug/L		65	9 - 115
Nitrobenzene	40.0	27.8		ug/L		70	18 - 115
Isophorone	40.0	30.6		ug/L		76	18 - 134
2-Nitrophenol	40.0	27.5		ug/L		69	14 - 115
2,4-Dimethylphenol	40.0	26.6		ug/L		67	10 - 119
Bis(2-chloroethoxy)methane	40.0	29.1		ug/L		73	10 - 119
2,4-Dichlorophenol	40.0	26.6		ug/L		67	13 - 118
1,2,4-Trichlorobenzene	40.0	27.5		ug/L		69	10 - 115
Naphthalene	40.0	27.6		ug/L		69	12 - 115
4-Chloroaniline	40.0	26.4		ug/L		66	26 - 115
Hexachlorobutadiene	40.0	27.0		ug/L		68	12 - 115
4-Chloro-3-methylphenol	40.0	29.1		ug/L		73	19 - 128
2-Methylnaphthalene	40.0	28.2		ug/L		70	16 - 115
Hexachlorocyclopentadiene	40.0	24.0		ug/L		60	10 - 115
2,4,6-Trichlorophenol	40.0	30.0		ug/L		75	20 - 120

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60386-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 720-168593/2-A

Matrix: Water

Analysis Batch: 168588

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 168593

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4,5-Trichlorophenol	40.0	32.8		ug/L		82	22 - 117
2-Chloronaphthalene	40.0	28.3		ug/L		71	17 - 115
2-Nitroaniline	40.0	32.1		ug/L		80	37 - 119
Dimethyl phthalate	40.0	33.3		ug/L		83	48 - 127
Acenaphthylene	40.0	29.5		ug/L		74	29 - 129
3-Nitroaniline	40.0	28.0		ug/L		70	40 - 115
Acenaphthene	40.0	29.5		ug/L		74	25 - 115
2,4-Dinitrophenol	80.0	58.7		ug/L		73	44 - 116
4-Nitrophenol	80.0	30.1		ug/L		38	20 - 115
Dibenzofuran	40.0	30.0		ug/L		75	28 - 115
2,4-Dinitrotoluene	40.0	34.0		ug/L		85	42 - 115
2,6-Dinitrotoluene	40.0	29.4		ug/L		73	46 - 119
Diethyl phthalate	40.0	32.8		ug/L		82	44 - 115
4-Chlorophenyl phenyl ether	40.0	31.2		ug/L		78	32 - 115
Fluorene	40.0	30.4		ug/L		76	39 - 115
4-Nitroaniline	40.0	31.6		ug/L		79	46 - 115
2-Methyl-4,6-dinitrophenol	80.0	63.7		ug/L		80	42 - 135
N-Nitrosodiphenylamine	40.0	31.1		ug/L		78	41 - 115
4-Bromophenyl phenyl ether	40.0	30.4		ug/L		76	42 - 115
Hexachlorobenzene	40.0	31.5		ug/L		79	49 - 115
Pentachlorophenol	80.0	60.9		ug/L		76	42 - 121
Phenanthrene	40.0	32.2		ug/L		81	54 - 115
Anthracene	40.0	30.6		ug/L		77	54 - 115
Di-n-butyl phthalate	40.0	33.4		ug/L		83	58 - 115
Fluoranthene	40.0	33.8		ug/L		84	65 - 115
Pyrene	40.0	26.5		ug/L		66	53 - 115
Butyl benzyl phthalate	40.0	27.8		ug/L		69	37 - 115
3,3'-Dichlorobenzidine	40.0	18.5		ug/L		46	24 - 110
Benzo[a]anthracene	40.0	32.4		ug/L		81	56 - 115
Bis(2-ethylhexyl) phthalate	40.0	31.4		ug/L		78	59 - 115
Chrysene	40.0	29.7		ug/L		74	50 - 115
Di-n-octyl phthalate	40.0	32.8		ug/L		82	12 - 115
Benzo[b]fluoranthene	40.0	41.5		ug/L		104	50 - 115
Benzo[a]pyrene	40.0	39.4		ug/L		99	55 - 115
Benzo[k]fluoranthene	40.0	42.7		ug/L		107	60 - 115
Indeno[1,2,3-cd]pyrene	40.0	32.8		ug/L		82	49 - 117
Benzo[g,h,i]perylene	40.0	32.9		ug/L		82	54 - 115
Benzoic acid	40.0	8.37	J	ug/L		21	10 - 115
Azobenzene	40.0	29.4		ug/L		74	42 - 115
Dibenz(a,h)anthracene	40.0	32.3		ug/L		81	47 - 127

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
Nitrobenzene-d5	76		11 - 92
2-Fluorobiphenyl	81		10 - 101
Terphenyl-d14	78		34 - 128
2-Fluorophenol	39		10 - 65
Phenol-d5	22		10 - 46
2,4,6-Tribromophenol	95		17 - 115

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60386-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 720-168593/3-A

Matrix: Water

Analysis Batch: 168588

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 168593

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec.		RPD	RPD Limit
							Limits	RPD		
Phenol	40.0	10.3		ug/L		26	10 - 115	9	51	
Bis(2-chloroethyl)ether	40.0	28.0		ug/L		70	12 - 115	0	35	
2-Chlorophenol	40.0	23.5		ug/L		59	14 - 115	12	40	
1,3-Dichlorobenzene	40.0	23.5		ug/L		59	13 - 115	10	40	
1,4-Dichlorobenzene	40.0	22.8		ug/L		57	14 - 115	10	41	
Benzyl alcohol	40.0	21.5		ug/L		54	19 - 115	7	35	
1,2-Dichlorobenzene	40.0	23.3		ug/L		58	10 - 115	10	35	
2-Methylphenol	40.0	21.2		ug/L		53	13 - 115	9	35	
4-Methylphenol	40.0	19.4		ug/L		48	10 - 115	9	35	
N-Nitrosodi-n-propylamine	40.0	25.6		ug/L		64	17 - 115	5	34	
Hexachloroethane	40.0	23.5		ug/L		59	9 - 115	9	35	
Nitrobenzene	40.0	25.3		ug/L		63	18 - 115	10	43	
Isophorone	40.0	28.3		ug/L		71	18 - 134	8	39	
2-Nitrophenol	40.0	25.3		ug/L		63	14 - 115	8	46	
2,4-Dimethylphenol	40.0	23.7		ug/L		59	10 - 119	11	44	
Bis(2-chloroethoxy)methane	40.0	26.5		ug/L		66	10 - 119	9	46	
2,4-Dichlorophenol	40.0	23.9		ug/L		60	13 - 118	11	38	
1,2,4-Trichlorobenzene	40.0	24.4		ug/L		61	10 - 115	12	51	
Naphthalene	40.0	24.5		ug/L		61	12 - 115	12	42	
4-Chloroaniline	40.0	25.3		ug/L		63	26 - 115	4	49	
Hexachlorobutadiene	40.0	23.7		ug/L		59	12 - 115	13	46	
4-Chloro-3-methylphenol	40.0	27.9		ug/L		70	19 - 128	4	40	
2-Methylnaphthalene	40.0	25.1		ug/L		63	16 - 115	12	45	
Hexachlorocyclopentadiene	40.0	21.8		ug/L		55	10 - 115	10	63	
2,4,6-Trichlorophenol	40.0	28.3		ug/L		71	20 - 120	6	43	
2,4,5-Trichlorophenol	40.0	29.9		ug/L		75	22 - 117	9	41	
2-Chloronaphthalene	40.0	25.5		ug/L		64	17 - 115	10	49	
2-Nitroaniline	40.0	31.9		ug/L		80	37 - 119	1	29	
Dimethyl phthalate	40.0	33.7		ug/L		84	48 - 127	1	29	
Acenaphthylene	40.0	27.6		ug/L		69	29 - 129	7	40	
3-Nitroaniline	40.0	29.1		ug/L		73	40 - 115	4	30	
Acenaphthene	40.0	27.8		ug/L		69	25 - 115	6	40	
2,4-Dinitrophenol	80.0	60.6		ug/L		76	44 - 116	3	21	
4-Nitrophenol	80.0	29.1		ug/L		36	20 - 115	4	32	
Dibenzofuran	40.0	28.4		ug/L		71	28 - 115	5	46	
2,4-Dinitrotoluene	40.0	34.4		ug/L		86	42 - 115	1	19	
2,6-Dinitrotoluene	40.0	29.2		ug/L		73	46 - 119	0	26	
Diethyl phthalate	40.0	33.1		ug/L		83	44 - 115	1	24	
4-Chlorophenyl phenyl ether	40.0	30.5		ug/L		76	32 - 115	2	38	
Fluorene	40.0	30.2		ug/L		75	39 - 115	1	39	
4-Nitroaniline	40.0	31.4		ug/L		78	46 - 115	1	23	
2-Methyl-4,6-dinitrophenol	80.0	64.7		ug/L		81	42 - 135	2	19	
N-Nitrosodiphenylamine	40.0	31.7		ug/L		79	41 - 115	2	27	
4-Bromophenyl phenyl ether	40.0	31.3		ug/L		78	42 - 115	3	29	
Hexachlorobenzene	40.0	31.4		ug/L		79	49 - 115	0	28	
Pentachlorophenol	80.0	62.0		ug/L		77	42 - 121	2	22	
Phenanthrene	40.0	33.1		ug/L		83	54 - 115	3	35	
Anthracene	40.0	31.9		ug/L		80	54 - 115	4	25	

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60386-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 720-168593/3-A

Matrix: Water

Analysis Batch: 168588

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 168593

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits		RPD	
							RPD	Limit		
Di-n-butyl phthalate	40.0	34.4		ug/L		86	58 - 115	3	26	
Fluoranthene	40.0	34.7		ug/L		87	65 - 115	3	26	
Pyrene	40.0	26.0		ug/L		65	53 - 115	2	22	
Butyl benzyl phthalate	40.0	27.8		ug/L		70	37 - 115	0	21	
3,3'-Dichlorobenzidine	40.0	20.4		ug/L		51	24 - 110	10	30	
Benzo[a]anthracene	40.0	32.9		ug/L		82	56 - 115	1	24	
Bis(2-ethylhexyl) phthalate	40.0	33.0		ug/L		82	59 - 115	5	30	
Chrysene	40.0	30.7		ug/L		77	50 - 115	4	24	
Di-n-octyl phthalate	40.0	33.3		ug/L		83	12 - 115	2	27	
Benzo[b]fluoranthene	40.0	41.9		ug/L		105	50 - 115	1	31	
Benzo[a]pyrene	40.0	40.7		ug/L		102	55 - 115	3	23	
Benzo[k]fluoranthene	40.0	42.4		ug/L		106	60 - 115	1	39	
Indeno[1,2,3-cd]pyrene	40.0	31.9		ug/L		80	49 - 117	3	19	
Benzo[g,h,i]perylene	40.0	32.1		ug/L		80	54 - 115	2	35	
Benzoic acid	40.0	7.30	J	ug/L		18	10 - 115	14	56	
Azobenzene	40.0	29.1		ug/L		73	42 - 115	1	35	
Dibenz(a,h)anthracene	40.0	31.6		ug/L		79	47 - 127	2	35	

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
Nitrobenzene-d5	69		11 - 92
2-Fluorobiphenyl	72		10 - 101
Terphenyl-d14	80		34 - 128
2-Fluorophenol	33		10 - 65
Phenol-d5	20		10 - 46
2,4,6-Tribromophenol	94		17 - 115

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 720-168554/1-A

Matrix: Water

Analysis Batch: 168680

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 168554

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Antimony	ND		0.010		mg/L		10/09/14 19:16	10/10/14 19:27	1
Arsenic	ND		0.010		mg/L		10/09/14 19:16	10/10/14 19:27	1
Beryllium	ND		0.0020		mg/L		10/09/14 19:16	10/10/14 19:27	1
Cadmium	ND		0.0020		mg/L		10/09/14 19:16	10/10/14 19:27	1
Chromium	ND		0.010		mg/L		10/09/14 19:16	10/10/14 19:27	1
Copper	ND		0.020		mg/L		10/09/14 19:16	10/10/14 19:27	1
Lead	ND		0.0050		mg/L		10/09/14 19:16	10/10/14 19:27	1
Nickel	ND		0.010		mg/L		10/09/14 19:16	10/10/14 19:27	1
Selenium	ND		0.020		mg/L		10/09/14 19:16	10/10/14 19:27	1
Silver	ND		0.0050		mg/L		10/09/14 19:16	10/10/14 19:27	1
Zinc	ND		0.020		mg/L		10/09/14 19:16	10/10/14 19:27	1

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60386-1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCS 720-168554/2-A
Matrix: Water
Analysis Batch: 168680

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 168554

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	1.00	0.985		mg/L		99	80 - 120
Arsenic	1.00	1.01		mg/L		101	80 - 120
Beryllium	1.00	1.01		mg/L		101	80 - 120
Cadmium	1.00	1.01		mg/L		101	80 - 120
Chromium	1.00	1.01		mg/L		101	80 - 120
Copper	1.00	1.01		mg/L		101	80 - 120
Lead	1.00	1.04		mg/L		104	80 - 120
Nickel	1.00	1.02		mg/L		102	80 - 120
Selenium	1.00	1.03		mg/L		103	80 - 120
Silver	0.500	0.505		mg/L		101	80 - 120
Zinc	1.00	0.948		mg/L		95	80 - 120

Lab Sample ID: LCSD 720-168554/3-A
Matrix: Water
Analysis Batch: 168680

Client Sample ID: Lab Control Sample Dup
Prep Type: Total Recoverable
Prep Batch: 168554

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	1.00	0.985		mg/L		98	80 - 120	0	20
Arsenic	1.00	1.02		mg/L		102	80 - 120	1	20
Beryllium	1.00	1.02		mg/L		102	80 - 120	1	20
Cadmium	1.00	1.00		mg/L		100	80 - 120	1	20
Chromium	1.00	1.02		mg/L		102	80 - 120	1	20
Copper	1.00	1.01		mg/L		101	80 - 120	1	20
Lead	1.00	1.04		mg/L		104	80 - 120	0	20
Nickel	1.00	1.02		mg/L		102	80 - 120	0	20
Selenium	1.00	1.04		mg/L		104	80 - 120	1	20
Silver	0.500	0.505		mg/L		101	80 - 120	0	20
Zinc	1.00	0.942		mg/L		94	80 - 120	1	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 720-168493/1-A
Matrix: Water
Analysis Batch: 168537

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 168493

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		10/09/14 09:16	10/09/14 14:34	1

Lab Sample ID: LCS 720-168493/2-A
Matrix: Water
Analysis Batch: 168537

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 168493

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.0100	0.00894		mg/L		89	85 - 115

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60386-1

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: LCSD 720-168493/3-A
Matrix: Water
Analysis Batch: 168537

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 168493

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.0100	0.00920		mg/L		92	85 - 115	3	20

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QC Association Summary

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60386-1

GC/MS VOA

Analysis Batch: 168716

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60386-2	PLPB-2	Total/NA	Water	8260B	
LCS 720-168716/6	Lab Control Sample	Total/NA	Water	8260B	
LCSD 720-168716/7	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 720-168716/5	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 168773

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60386-3	TB	Total/NA	Water	8260B	
LCS 720-168773/5	Lab Control Sample	Total/NA	Water	8260B	
LCSD 720-168773/6	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 720-168773/4	Method Blank	Total/NA	Water	8260B	

GC/MS Semi VOA

Analysis Batch: 168588

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60386-2	PLPB-2	Total/NA	Water	8270C	168593
LCS 720-168593/2-A	Lab Control Sample	Total/NA	Water	8270C	168593
LCSD 720-168593/3-A	Lab Control Sample Dup	Total/NA	Water	8270C	168593
MB 720-168593/1-A	Method Blank	Total/NA	Water	8270C	168593

Prep Batch: 168593

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60386-2	PLPB-2	Total/NA	Water	3510C	
LCS 720-168593/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 720-168593/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
MB 720-168593/1-A	Method Blank	Total/NA	Water	3510C	

Metals

Prep Batch: 168493

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60386-2	PLPB-2	Dissolved	Water	7470A	
LCS 720-168493/2-A	Lab Control Sample	Total/NA	Water	7470A	
LCSD 720-168493/3-A	Lab Control Sample Dup	Total/NA	Water	7470A	
MB 720-168493/1-A	Method Blank	Total/NA	Water	7470A	

Analysis Batch: 168537

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60386-2	PLPB-2	Dissolved	Water	7470A	168493
LCS 720-168493/2-A	Lab Control Sample	Total/NA	Water	7470A	168493
LCSD 720-168493/3-A	Lab Control Sample Dup	Total/NA	Water	7470A	168493
MB 720-168493/1-A	Method Blank	Total/NA	Water	7470A	168493

Prep Batch: 168554

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60386-2	PLPB-2	Dissolved	Water	3005A	
LCS 720-168554/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
LCSD 720-168554/3-A	Lab Control Sample Dup	Total Recoverable	Water	3005A	
MB 720-168554/1-A	Method Blank	Total Recoverable	Water	3005A	

TestAmerica Pleasanton

QC Association Summary

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60386-1

Metals (Continued)

Analysis Batch: 168680

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60386-2	PLPB-2	Dissolved	Water	6010B	168554
LCS 720-168554/2-A	Lab Control Sample	Total Recoverable	Water	6010B	168554
LCSD 720-168554/3-A	Lab Control Sample Dup	Total Recoverable	Water	6010B	168554
MB 720-168554/1-A	Method Blank	Total Recoverable	Water	6010B	168554

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Lab Chronicle

Client: URS Corporation
 Project/Site: Philips San Jose

TestAmerica Job ID: 720-60386-1

Client Sample ID: PLPB-2

Lab Sample ID: 720-60386-2

Date Collected: 10/06/14 13:15

Matrix: Water

Date Received: 10/06/14 16:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	168716	10/14/14 00:36	LPL	TAL PLS
Total/NA	Prep	3510C			168593	10/10/14 10:11	NDU	TAL PLS
Total/NA	Analysis	8270C		1	168588	10/11/14 02:56	MQL	TAL PLS
Dissolved	Prep	3005A			168554	10/09/14 19:16	ASB	TAL PLS
Dissolved	Analysis	6010B		1	168680	10/10/14 20:40	CAM	TAL PLS
Dissolved	Prep	7470A			168493	10/09/14 09:16	ECT	TAL PLS
Dissolved	Analysis	7470A		1	168537	10/09/14 15:03	EFH	TAL PLS

Client Sample ID: TB

Lab Sample ID: 720-60386-3

Date Collected: 10/06/14 00:00

Matrix: Water

Date Received: 10/06/14 16:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	168773	10/14/14 13:45	ASC	TAL PLS

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

Certification Summary

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60386-1

Laboratory: TestAmerica Pleasanton

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

Authority	Program	EPA Region	Certification ID	Expiration Date
California	State Program	9	2496	01-31-16

Analysis Method	Prep Method	Matrix	Analyte
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Method Summary

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60386-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL PLS
8270C	Semivolatile Organic Compounds (GC/MS)	SW846	TAL PLS
6010B	Metals (ICP)	SW846	TAL PLS
7470A	Mercury (CVAA)	SW846	TAL PLS

Protocol References:

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

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919



Sample Summary

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60386-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-60386-2	PLPB-2	Water	10/06/14 13:15	10/06/14 16:50
720-60386-3	TB	Water	10/06/14 00:00	10/06/14 16:50

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TestAmerica

THE LEADERS IN ENVIRONMENTAL ANALYSIS

720-60386

TESTAMERICA Pleasanton Chain of Custody

1220 Quarry Lane • Pleasanton CA 94566-4756
Phone: (925) 484-1919 • Fax: (925) 600-3002

Reference #: 156734

Date: 10/6/14 Page ___ of ___

10/15/2014

Report To: **TRK SCOV** Company: **VES Corp.** Address: **One Montecito, SE, CA, 94104** Email: **TRK.SCOV@VES.COM** Bill To: **Sampled By: QS/KES** Phone: **415-243-3845**

Sample ID	Date	Time	Mat	Preserv	Volatile Organics GC/MS (VOCs) EPA 8260B	HVOCs by EPA 8260B	EPA 8260B: Gas BTEX, 5 Oxygenates, DCA, EDB, Ethanol	TEPH EPA 8015B, Diesel, Motor Oil, Other	SemiVolatile Organics GC/MS EPA 8270C	PNA/PAH's by 8270C, 8270C SIM	Oil and Grease (EPA 1664/9071), Petroleum, Total	Pesticides EPA 8081, PCBs EPA 8082	CAM17 Metals (EPA 6010/7470/7471)	Metals: 6010B, 2007, Lead, LUFT, RCRA, Other: <i>see special instructions</i>	Metals: 8020, 200.8 (ICP-MS)	W.E.T (STLC), W.E.T (DI), TCLP	Hex. Chrom by EPA 7198 or EPA 7199	pH 8040, SM4500	Spec. Cond., Alkalinity, TSS, SS, TDS	Anions: Cl, SO4, NO3, F, Br, NO2, PO4	Perchlorate by EPA 314.0	COD EPA 410.4, SM5220D, Turbidity			
D20B-1A	10/6/14	11:50	W	W	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>																
D20B-2	10/6/14	13:15	W	W	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>																
TS			W	W	<input checked="" type="checkbox"/>																				



Project Info. Sample Receipt

Project Name/ #: **Philips Sea Jose** # of Containers: **3**

PO#: **4966617** Temp: **5.30**

Credit Card Y/N: **Y/N** If yes, please call with payment information ASAP

Report: Routine Level 3 Level 4 EDD EDF

Special Instructions / Comments: **Global ID**

Signature: **Frank Robinson** Date: **10-6-14**

Signature: **Frank Robinson** Date: **10-6-14**

Signature: **Frank Robinson** Date: **10-6-14**

Company: **WDA Environmental**

1 2 3 4 5 6 7 8 9 10 11 12 13 14

TestAmerica

THE LEAD ENVIRONMENTAL ANALYSIS
720-60386

TESTAMERICA Pleasanton Chain of Custody
 1220 Quarry Lane • Pleasanton CA 94566-4756
 Phone: (925) 484-1919 • Fax: (925) 600-3002

Reference #: 156735
 Date: 10/6/14 Page of

Report To

Attn: ERIK STEV
 Company: VRS Corp.
 Address: One Montgomery St, CA, 94104
 Email: ERIK.STEV@VRS.COM
 Bill To: ERIK STEV
 Sampled By: RS/KS
 Attn: Phone: 415-243-3845

Analysis Request

Volatile Organics GC/MS (VOCs) EPA 8260B
 HVOcs by EPA 8260B
 EPA 8260B: Gas BTEX
 6 Oxygenates DCA, EDB Ethanol
 TEPH EPA 8015B Silica Gel
 Diesel Motor Oil Other
 Semi-Volatile Organics GC/MS EPA 8270C
 PNA/PAH's by 8270C 8270C SIM
 Oil and Grease Petroleum (EPA 1864/9071) Total
 Pesticides EPA 8081 EPA 8082
 CAM17 Metals (EPA 6010/7470/7471)
 Metals: 6010B 200.7
 Lead LUFT RCRA Other: see special instructions
 Metals: 6020 200.8 (ICP-MS)
 W.E.T (STLC) W.E.T (DI) TCLP
 Hex. Chrom by EPA 7196 or EPA 7199
 pH 9040 SM4500
 Spec. Cond. Alkalinity TSS SS TDS
 Anions: Cl SO₄ NO₃ F Br NO₂ PO₄
 Perchlorate by EPA 314.0
 COD EPA 410.4 SM5220D Turbidity
 Filled
 Hold
 Number of Containers

Sample ID	Date	Time	Met	Preserv	Other
PTB-1A	10/6/14	11:50	10	10	
PTB-2	10/6/14	13:15	10	10	
TS			10	10	



Project Info.

Project Name #: Phillips Sea Jose
 # of Containers:
 Head Space:
 PO#: H916617 Temp: 5.30
 Credit Card Y/N:
 If yes, please call with payment information ASAP

Sample Receipt

1) Relinquished by: [Signature] Time: 1545
 Signature: [Signature] Time:
 Printed Name: Frank Binger Date: 10-6-14
 Company: VRS

2) Relinquished by: [Signature] Time: 1650
 Signature: [Signature] Time:
 Printed Name: Frank McGowan Date: 10-6-14
 Company: World Service

3) Relinquished by: Time:
 Signature: Time:
 Printed Name: Date:
 Company:

T	A	10	5	4	3	2	1	Other:
Day	Day	Day	Day	Day	Day	Day	Day	

Report: Routine Level 3 Level 4 EDD EDF
 Special Instructions / Comments: Global ID
Asphaltenes, Arsenic, Beryllium, Cadmium, Chromium, Cobalt, Copper, Lead, Mercury, Nickel, Selenium, Silver, and Zinc
 See Terms and Conditions on reverse

1) Received by: [Signature] Time: 1545
 Signature: [Signature] Time:
 Printed Name: Frank Binger Date: 10-6-14
 Company: World Service

2) Received by: [Signature] Time: 1650
 Signature: [Signature] Time:
 Printed Name: Frank McGowan Date: 10-6-14
 Company: World Service

3) Received by: Time:
 Signature: Time:
 Printed Name: Date:
 Company:

Login Sample Receipt Checklist

Client: URS Corporation

Job Number: 720-60386-1

Login Number: 60386

List Source: TestAmerica Pleasanton

List Number: 1

Creator: Bullock, Tracy

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
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 containers received 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.	N/A	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

TestAmerica

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ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Pleasanton
1220 Quarry Lane
Pleasanton, CA 94566
Tel: (925)484-1919

TestAmerica Job ID: 720-60420-1
Client Project/Site: Philips San Jose

For:
URS Corporation
One Montgomery Street
Suite 900
San Francisco, California 94104-4538

Attn: Mr. Erik Skov



Authorized for release by:
10/16/2014 3:08:42 PM

Afsaneh Salimpour, Senior Project Manager
(925)484-1919
afsaneh.salimpour@testamericainc.com

LINKS

Review your project
results through
TotalAccess

Have a Question?



Visit us at:
www.testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60420-1

Qualifiers

GC/MS Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD Recovery exceeds the control limits
X	Surrogate is outside control limits
*	ISTD response or retention time outside acceptable limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	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: Philips San Jose

TestAmerica Job ID: 720-60420-1

Job ID: 720-60420-1

Laboratory: TestAmerica Pleasanton

Narrative

Job Narrative
720-60420-1

Comments

No additional comments.

Receipt

The samples were received on 10/7/2014 5:45 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.9° C.

GC/MS VOA

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

GC/MS Semi VOA

Method(s) 8270C: Surrogate recovery for the following sample(s) was outside control limits: PLPB-3 (720-60420-1). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method(s) 8270C: Internal standard (chrysene-d12) response was outside of acceptance limits for the following sample(s): PLPB-3 (720-60420-1). The sample(s) shows evidence of matrix interference.

Method(s) 8270C: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch #168593 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

GC Semi VOA

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

Metals

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

General Chemistry

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

Organic Prep

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: Philips San Jose

TestAmerica Job ID: 720-60420-1

Client Sample ID: PLPB-3

Lab Sample ID: 720-60420-1

No Detections.

Client Sample ID: PLPB-4

Lab Sample ID: 720-60420-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Selenium	0.021		0.020		mg/L	1		6010B	Dissolved
Zinc	0.020		0.020		mg/L	1		6010B	Dissolved

Client Sample ID: PLSB-1

Lab Sample ID: 720-60420-3

No Detections.

Client Sample ID: PLSB-5

Lab Sample ID: 720-60420-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.024		0.010		mg/L	1		6010B	Dissolved
Zinc	0.055		0.020		mg/L	1		6010B	Dissolved

Client Sample ID: PLSB-2

Lab Sample ID: 720-60420-5

No Detections.

Client Sample ID: PLSB-3

Lab Sample ID: 720-60420-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	880		50		ug/L	1		8015B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60420-1

Client Sample ID: PLPB-3

Lab Sample ID: 720-60420-1

Date Collected: 10/06/14 16:15

Matrix: Water

Date Received: 10/07/14 17:45

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			10/14/14 22:29	1
Acetone	ND		50		ug/L			10/14/14 22:29	1
Benzene	ND		0.50		ug/L			10/14/14 22:29	1
Dichlorobromomethane	ND		0.50		ug/L			10/14/14 22:29	1
Bromobenzene	ND		1.0		ug/L			10/14/14 22:29	1
Chlorobromomethane	ND		1.0		ug/L			10/14/14 22:29	1
Bromoform	ND		1.0		ug/L			10/14/14 22:29	1
Bromomethane	ND		1.0		ug/L			10/14/14 22:29	1
2-Butanone (MEK)	ND		50		ug/L			10/14/14 22:29	1
n-Butylbenzene	ND		1.0		ug/L			10/14/14 22:29	1
sec-Butylbenzene	ND		1.0		ug/L			10/14/14 22:29	1
tert-Butylbenzene	ND		1.0		ug/L			10/14/14 22:29	1
Carbon disulfide	ND		5.0		ug/L			10/14/14 22:29	1
Carbon tetrachloride	ND		0.50		ug/L			10/14/14 22:29	1
Chlorobenzene	ND		0.50		ug/L			10/14/14 22:29	1
Chloroethane	ND		1.0		ug/L			10/14/14 22:29	1
Chloroform	ND		1.0		ug/L			10/14/14 22:29	1
Chloromethane	ND		1.0		ug/L			10/14/14 22:29	1
2-Chlorotoluene	ND		0.50		ug/L			10/14/14 22:29	1
4-Chlorotoluene	ND		0.50		ug/L			10/14/14 22:29	1
Chlorodibromomethane	ND		0.50		ug/L			10/14/14 22:29	1
1,2-Dichlorobenzene	ND		0.50		ug/L			10/14/14 22:29	1
1,3-Dichlorobenzene	ND		0.50		ug/L			10/14/14 22:29	1
1,4-Dichlorobenzene	ND		0.50		ug/L			10/14/14 22:29	1
1,3-Dichloropropane	ND		1.0		ug/L			10/14/14 22:29	1
1,1-Dichloropropene	ND		0.50		ug/L			10/14/14 22:29	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			10/14/14 22:29	1
Ethylene Dibromide	ND		0.50		ug/L			10/14/14 22:29	1
Dibromomethane	ND		0.50		ug/L			10/14/14 22:29	1
Dichlorodifluoromethane	ND		0.50		ug/L			10/14/14 22:29	1
1,1-Dichloroethane	ND		0.50		ug/L			10/14/14 22:29	1
1,2-Dichloroethane	ND		0.50		ug/L			10/14/14 22:29	1
1,1-Dichloroethene	ND		0.50		ug/L			10/14/14 22:29	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			10/14/14 22:29	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			10/14/14 22:29	1
1,2-Dichloropropane	ND		0.50		ug/L			10/14/14 22:29	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			10/14/14 22:29	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			10/14/14 22:29	1
Ethylbenzene	ND		0.50		ug/L			10/14/14 22:29	1
Hexachlorobutadiene	ND		1.0		ug/L			10/14/14 22:29	1
2-Hexanone	ND		50		ug/L			10/14/14 22:29	1
Isopropylbenzene	ND		0.50		ug/L			10/14/14 22:29	1
4-Isopropyltoluene	ND		1.0		ug/L			10/14/14 22:29	1
Methylene Chloride	ND		5.0		ug/L			10/14/14 22:29	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			10/14/14 22:29	1
Naphthalene	ND		1.0		ug/L			10/14/14 22:29	1
N-Propylbenzene	ND		1.0		ug/L			10/14/14 22:29	1
Styrene	ND		0.50		ug/L			10/14/14 22:29	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			10/14/14 22:29	1

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60420-1

Client Sample ID: PLPB-3

Lab Sample ID: 720-60420-1

Date Collected: 10/06/14 16:15

Matrix: Water

Date Received: 10/07/14 17:45

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			10/14/14 22:29	1
Tetrachloroethene	ND		0.50		ug/L			10/14/14 22:29	1
Toluene	ND		0.50		ug/L			10/14/14 22:29	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			10/14/14 22:29	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			10/14/14 22:29	1
1,1,1-Trichloroethane	ND		0.50		ug/L			10/14/14 22:29	1
1,1,2-Trichloroethane	ND		0.50		ug/L			10/14/14 22:29	1
Trichloroethene	ND		0.50		ug/L			10/14/14 22:29	1
Trichlorofluoromethane	ND		1.0		ug/L			10/14/14 22:29	1
1,2,3-Trichloropropane	ND		0.50		ug/L			10/14/14 22:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			10/14/14 22:29	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			10/14/14 22:29	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			10/14/14 22:29	1
Vinyl acetate	ND		10		ug/L			10/14/14 22:29	1
Vinyl chloride	ND		0.50		ug/L			10/14/14 22:29	1
Xylenes, Total	ND		1.0		ug/L			10/14/14 22:29	1
2,2-Dichloropropane	ND		0.50		ug/L			10/14/14 22:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	110		67 - 130		10/14/14 22:29	1
1,2-Dichloroethane-d4 (Surr)	113		72 - 130		10/14/14 22:29	1
Toluene-d8 (Surr)	94		70 - 130		10/14/14 22:29	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		2.0		ug/L		10/10/14 10:11	10/13/14 16:01	1
Bis(2-chloroethyl)ether	ND		2.0		ug/L		10/10/14 10:11	10/13/14 16:01	1
2-Chlorophenol	ND		4.1		ug/L		10/10/14 10:11	10/13/14 16:01	1
1,3-Dichlorobenzene	ND		2.0		ug/L		10/10/14 10:11	10/13/14 16:01	1
1,4-Dichlorobenzene	ND		2.0		ug/L		10/10/14 10:11	10/13/14 16:01	1
Benzyl alcohol	ND		5.1		ug/L		10/10/14 10:11	10/13/14 16:01	1
1,2-Dichlorobenzene	ND		2.0		ug/L		10/10/14 10:11	10/13/14 16:01	1
2-Methylphenol	ND		4.1		ug/L		10/10/14 10:11	10/13/14 16:01	1
4-Methylphenol	ND		8.2		ug/L		10/10/14 10:11	10/13/14 16:01	1
N-Nitrosodi-n-propylamine	ND		2.0		ug/L		10/10/14 10:11	10/13/14 16:01	1
Hexachloroethane	ND		2.0		ug/L		10/10/14 10:11	10/13/14 16:01	1
Nitrobenzene	ND		2.0		ug/L		10/10/14 10:11	10/13/14 16:01	1
Isophorone	ND		4.1		ug/L		10/10/14 10:11	10/13/14 16:01	1
2-Nitrophenol	ND		2.0		ug/L		10/10/14 10:11	10/13/14 16:01	1
2,4-Dimethylphenol	ND		3.1		ug/L		10/10/14 10:11	10/13/14 16:01	1
Bis(2-chloroethoxy)methane	ND		5.1		ug/L		10/10/14 10:11	10/13/14 16:01	1
2,4-Dichlorophenol	ND		5.1		ug/L		10/10/14 10:11	10/13/14 16:01	1
1,2,4-Trichlorobenzene	ND		2.0		ug/L		10/10/14 10:11	10/13/14 16:01	1
Naphthalene	ND		2.0		ug/L		10/10/14 10:11	10/13/14 16:01	1
4-Chloroaniline	ND		2.0		ug/L		10/10/14 10:11	10/13/14 16:01	1
Hexachlorobutadiene	ND		2.0		ug/L		10/10/14 10:11	10/13/14 16:01	1
4-Chloro-3-methylphenol	ND		5.1		ug/L		10/10/14 10:11	10/13/14 16:01	1
2-Methylnaphthalene	ND		2.0		ug/L		10/10/14 10:11	10/13/14 16:01	1
Hexachlorocyclopentadiene	ND		5.1		ug/L		10/10/14 10:11	10/13/14 16:01	1
2,4,6-Trichlorophenol	ND		2.0		ug/L		10/10/14 10:11	10/13/14 16:01	1

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60420-1

Client Sample ID: PLPB-3

Lab Sample ID: 720-60420-1

Date Collected: 10/06/14 16:15

Matrix: Water

Date Received: 10/07/14 17:45

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.1		ug/L		10/10/14 10:11	10/13/14 16:01	1
2-Chloronaphthalene	ND		4.1		ug/L		10/10/14 10:11	10/13/14 16:01	1
2-Nitroaniline	ND		10		ug/L		10/10/14 10:11	10/13/14 16:01	1
Dimethyl phthalate	ND		5.1		ug/L		10/10/14 10:11	10/13/14 16:01	1
Acenaphthylene	ND		4.1		ug/L		10/10/14 10:11	10/13/14 16:01	1
3-Nitroaniline	ND		5.1		ug/L		10/10/14 10:11	10/13/14 16:01	1
Acenaphthene	ND		2.0		ug/L		10/10/14 10:11	10/13/14 16:01	1
2,4-Dinitrophenol	ND		10		ug/L		10/10/14 10:11	10/13/14 16:01	1
4-Nitrophenol	ND		10		ug/L		10/10/14 10:11	10/13/14 16:01	1
Dibenzofuran	ND		4.1		ug/L		10/10/14 10:11	10/13/14 16:01	1
2,4-Dinitrotoluene	ND		4.1		ug/L		10/10/14 10:11	10/13/14 16:01	1
2,6-Dinitrotoluene	ND		5.1		ug/L		10/10/14 10:11	10/13/14 16:01	1
Diethyl phthalate	ND		5.1		ug/L		10/10/14 10:11	10/13/14 16:01	1
4-Chlorophenyl phenyl ether	ND		5.1		ug/L		10/10/14 10:11	10/13/14 16:01	1
Fluorene	ND		4.1		ug/L		10/10/14 10:11	10/13/14 16:01	1
4-Nitroaniline	ND		10		ug/L		10/10/14 10:11	10/13/14 16:01	1
2-Methyl-4,6-dinitrophenol	ND		10		ug/L		10/10/14 10:11	10/13/14 16:01	1
N-Nitrosodiphenylamine	ND		2.0		ug/L		10/10/14 10:11	10/13/14 16:01	1
4-Bromophenyl phenyl ether	ND		5.1		ug/L		10/10/14 10:11	10/13/14 16:01	1
Hexachlorobenzene	ND		2.0		ug/L		10/10/14 10:11	10/13/14 16:01	1
Pentachlorophenol	ND		10		ug/L		10/10/14 10:11	10/13/14 16:01	1
Phenanthrene	ND		2.0		ug/L		10/10/14 10:11	10/13/14 16:01	1
Anthracene	ND		2.0		ug/L		10/10/14 10:11	10/13/14 16:01	1
Di-n-butyl phthalate	ND		5.1		ug/L		10/10/14 10:11	10/13/14 16:01	1
Fluoranthene	ND		2.0		ug/L		10/10/14 10:11	10/13/14 16:01	1
Pyrene	ND *		2.0		ug/L		10/10/14 10:11	10/13/14 16:01	1
Butyl benzyl phthalate	ND *		5.1		ug/L		10/10/14 10:11	10/13/14 16:01	1
3,3'-Dichlorobenzidine	ND *		5.1		ug/L		10/10/14 10:11	10/13/14 16:01	1
Benzo[a]anthracene	ND *		5.1		ug/L		10/10/14 10:11	10/13/14 16:01	1
Bis(2-ethylhexyl) phthalate	ND *		10		ug/L		10/10/14 10:11	10/13/14 16:01	1
Chrysene	ND *		2.0		ug/L		10/10/14 10:11	10/13/14 16:01	1
Di-n-octyl phthalate	ND *		5.1		ug/L		10/10/14 10:11	10/13/14 16:01	1
Benzo[b]fluoranthene	ND		2.0		ug/L		10/10/14 10:11	10/13/14 16:01	1
Benzo[a]pyrene	ND		2.0		ug/L		10/10/14 10:11	10/13/14 16:01	1
Benzo[k]fluoranthene	ND		2.0		ug/L		10/10/14 10:11	10/13/14 16:01	1
Indeno[1,2,3-cd]pyrene	ND		2.0		ug/L		10/10/14 10:11	10/13/14 16:01	1
Benzo[g,h,i]perylene	ND		2.0		ug/L		10/10/14 10:11	10/13/14 16:01	1
Benzoic acid	ND		10		ug/L		10/10/14 10:11	10/13/14 16:01	1
Azobenzene	ND		2.0		ug/L		10/10/14 10:11	10/13/14 16:01	1
Dibenz(a,h)anthracene	ND		2.0		ug/L		10/10/14 10:11	10/13/14 16:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	0	X	11 - 92	10/10/14 10:11	10/13/14 16:01	1
2-Fluorobiphenyl	36		10 - 101	10/10/14 10:11	10/13/14 16:01	1
Terphenyl-d14	72	*	34 - 128	10/10/14 10:11	10/13/14 16:01	1
2-Fluorophenol	0	X	10 - 65	10/10/14 10:11	10/13/14 16:01	1
Phenol-d5	3	X	10 - 46	10/10/14 10:11	10/13/14 16:01	1
2,4,6-Tribromophenol	66		17 - 115	10/10/14 10:11	10/13/14 16:01	1

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
 Project/Site: Philips San Jose

TestAmerica Job ID: 720-60420-1

Client Sample ID: PLPB-3

Lab Sample ID: 720-60420-1

Date Collected: 10/06/14 16:15

Matrix: Water

Date Received: 10/07/14 17:45

Method: 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.010		mg/L		10/09/14 19:16	10/10/14 20:20	1
Arsenic	ND		0.010		mg/L		10/09/14 19:16	10/10/14 20:20	1
Beryllium	ND		0.0020		mg/L		10/09/14 19:16	10/10/14 20:20	1
Cadmium	ND		0.0020		mg/L		10/09/14 19:16	10/10/14 20:20	1
Chromium	ND		0.010		mg/L		10/09/14 19:16	10/10/14 20:20	1
Copper	ND		0.020		mg/L		10/09/14 19:16	10/10/14 20:20	1
Lead	ND		0.0050		mg/L		10/09/14 19:16	10/10/14 20:20	1
Nickel	ND		0.010		mg/L		10/09/14 19:16	10/10/14 20:20	1
Selenium	ND		0.020		mg/L		10/09/14 19:16	10/10/14 20:20	1
Silver	ND		0.0050		mg/L		10/09/14 19:16	10/10/14 20:20	1
Zinc	ND		0.020		mg/L		10/09/14 19:16	10/10/14 20:20	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		10/10/14 09:28	10/10/14 13:10	1

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60420-1

Client Sample ID: PLPB-4

Lab Sample ID: 720-60420-2

Date Collected: 10/06/14 17:20

Matrix: Water

Date Received: 10/07/14 17:45

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			10/14/14 22:58	1
Acetone	ND		50		ug/L			10/14/14 22:58	1
Benzene	ND		0.50		ug/L			10/14/14 22:58	1
Dichlorobromomethane	ND		0.50		ug/L			10/14/14 22:58	1
Bromobenzene	ND		1.0		ug/L			10/14/14 22:58	1
Chlorobromomethane	ND		1.0		ug/L			10/14/14 22:58	1
Bromoform	ND		1.0		ug/L			10/14/14 22:58	1
Bromomethane	ND		1.0		ug/L			10/14/14 22:58	1
2-Butanone (MEK)	ND		50		ug/L			10/14/14 22:58	1
n-Butylbenzene	ND		1.0		ug/L			10/14/14 22:58	1
sec-Butylbenzene	ND		1.0		ug/L			10/14/14 22:58	1
tert-Butylbenzene	ND		1.0		ug/L			10/14/14 22:58	1
Carbon disulfide	ND		5.0		ug/L			10/14/14 22:58	1
Carbon tetrachloride	ND		0.50		ug/L			10/14/14 22:58	1
Chlorobenzene	ND		0.50		ug/L			10/14/14 22:58	1
Chloroethane	ND		1.0		ug/L			10/14/14 22:58	1
Chloroform	ND		1.0		ug/L			10/14/14 22:58	1
Chloromethane	ND		1.0		ug/L			10/14/14 22:58	1
2-Chlorotoluene	ND		0.50		ug/L			10/14/14 22:58	1
4-Chlorotoluene	ND		0.50		ug/L			10/14/14 22:58	1
Chlorodibromomethane	ND		0.50		ug/L			10/14/14 22:58	1
1,2-Dichlorobenzene	ND		0.50		ug/L			10/14/14 22:58	1
1,3-Dichlorobenzene	ND		0.50		ug/L			10/14/14 22:58	1
1,4-Dichlorobenzene	ND		0.50		ug/L			10/14/14 22:58	1
1,3-Dichloropropane	ND		1.0		ug/L			10/14/14 22:58	1
1,1-Dichloropropene	ND		0.50		ug/L			10/14/14 22:58	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			10/14/14 22:58	1
Ethylene Dibromide	ND		0.50		ug/L			10/14/14 22:58	1
Dibromomethane	ND		0.50		ug/L			10/14/14 22:58	1
Dichlorodifluoromethane	ND		0.50		ug/L			10/14/14 22:58	1
1,1-Dichloroethane	ND		0.50		ug/L			10/14/14 22:58	1
1,2-Dichloroethane	ND		0.50		ug/L			10/14/14 22:58	1
1,1-Dichloroethene	ND		0.50		ug/L			10/14/14 22:58	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			10/14/14 22:58	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			10/14/14 22:58	1
1,2-Dichloropropane	ND		0.50		ug/L			10/14/14 22:58	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			10/14/14 22:58	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			10/14/14 22:58	1
Ethylbenzene	ND		0.50		ug/L			10/14/14 22:58	1
Hexachlorobutadiene	ND		1.0		ug/L			10/14/14 22:58	1
2-Hexanone	ND		50		ug/L			10/14/14 22:58	1
Isopropylbenzene	ND		0.50		ug/L			10/14/14 22:58	1
4-Isopropyltoluene	ND		1.0		ug/L			10/14/14 22:58	1
Methylene Chloride	ND		5.0		ug/L			10/14/14 22:58	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			10/14/14 22:58	1
Naphthalene	ND		1.0		ug/L			10/14/14 22:58	1
N-Propylbenzene	ND		1.0		ug/L			10/14/14 22:58	1
Styrene	ND		0.50		ug/L			10/14/14 22:58	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			10/14/14 22:58	1

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60420-1

Client Sample ID: PLPB-4

Lab Sample ID: 720-60420-2

Date Collected: 10/06/14 17:20

Matrix: Water

Date Received: 10/07/14 17:45

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			10/14/14 22:58	1
Tetrachloroethene	ND		0.50		ug/L			10/14/14 22:58	1
Toluene	ND		0.50		ug/L			10/14/14 22:58	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			10/14/14 22:58	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			10/14/14 22:58	1
1,1,1-Trichloroethane	ND		0.50		ug/L			10/14/14 22:58	1
1,1,2-Trichloroethane	ND		0.50		ug/L			10/14/14 22:58	1
Trichloroethene	ND		0.50		ug/L			10/14/14 22:58	1
Trichlorofluoromethane	ND		1.0		ug/L			10/14/14 22:58	1
1,2,3-Trichloropropane	ND		0.50		ug/L			10/14/14 22:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			10/14/14 22:58	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			10/14/14 22:58	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			10/14/14 22:58	1
Vinyl acetate	ND		10		ug/L			10/14/14 22:58	1
Vinyl chloride	ND		0.50		ug/L			10/14/14 22:58	1
Xylenes, Total	ND		1.0		ug/L			10/14/14 22:58	1
2,2-Dichloropropane	ND		0.50		ug/L			10/14/14 22:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	110		67 - 130		10/14/14 22:58	1
1,2-Dichloroethane-d4 (Surr)	106		72 - 130		10/14/14 22:58	1
Toluene-d8 (Surr)	93		70 - 130		10/14/14 22:58	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		2.0		ug/L		10/10/14 10:11	10/13/14 16:25	1
Bis(2-chloroethyl)ether	ND		2.0		ug/L		10/10/14 10:11	10/13/14 16:25	1
2-Chlorophenol	ND		4.1		ug/L		10/10/14 10:11	10/13/14 16:25	1
1,3-Dichlorobenzene	ND		2.0		ug/L		10/10/14 10:11	10/13/14 16:25	1
1,4-Dichlorobenzene	ND		2.0		ug/L		10/10/14 10:11	10/13/14 16:25	1
Benzyl alcohol	ND		5.1		ug/L		10/10/14 10:11	10/13/14 16:25	1
1,2-Dichlorobenzene	ND		2.0		ug/L		10/10/14 10:11	10/13/14 16:25	1
2-Methylphenol	ND		4.1		ug/L		10/10/14 10:11	10/13/14 16:25	1
4-Methylphenol	ND		8.1		ug/L		10/10/14 10:11	10/13/14 16:25	1
N-Nitrosodi-n-propylamine	ND		2.0		ug/L		10/10/14 10:11	10/13/14 16:25	1
Hexachloroethane	ND		2.0		ug/L		10/10/14 10:11	10/13/14 16:25	1
Nitrobenzene	ND		2.0		ug/L		10/10/14 10:11	10/13/14 16:25	1
Isophorone	ND		4.1		ug/L		10/10/14 10:11	10/13/14 16:25	1
2-Nitrophenol	ND		2.0		ug/L		10/10/14 10:11	10/13/14 16:25	1
2,4-Dimethylphenol	ND		3.1		ug/L		10/10/14 10:11	10/13/14 16:25	1
Bis(2-chloroethoxy)methane	ND		5.1		ug/L		10/10/14 10:11	10/13/14 16:25	1
2,4-Dichlorophenol	ND		5.1		ug/L		10/10/14 10:11	10/13/14 16:25	1
1,2,4-Trichlorobenzene	ND		2.0		ug/L		10/10/14 10:11	10/13/14 16:25	1
Naphthalene	ND		2.0		ug/L		10/10/14 10:11	10/13/14 16:25	1
4-Chloroaniline	ND		2.0		ug/L		10/10/14 10:11	10/13/14 16:25	1
Hexachlorobutadiene	ND		2.0		ug/L		10/10/14 10:11	10/13/14 16:25	1
4-Chloro-3-methylphenol	ND		5.1		ug/L		10/10/14 10:11	10/13/14 16:25	1
2-Methylnaphthalene	ND		2.0		ug/L		10/10/14 10:11	10/13/14 16:25	1
Hexachlorocyclopentadiene	ND		5.1		ug/L		10/10/14 10:11	10/13/14 16:25	1
2,4,6-Trichlorophenol	ND		2.0		ug/L		10/10/14 10:11	10/13/14 16:25	1

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60420-1

Client Sample ID: PLPB-4

Lab Sample ID: 720-60420-2

Date Collected: 10/06/14 17:20

Matrix: Water

Date Received: 10/07/14 17:45

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.1		ug/L		10/10/14 10:11	10/13/14 16:25	1
2-Chloronaphthalene	ND		4.1		ug/L		10/10/14 10:11	10/13/14 16:25	1
2-Nitroaniline	ND		10		ug/L		10/10/14 10:11	10/13/14 16:25	1
Dimethyl phthalate	ND		5.1		ug/L		10/10/14 10:11	10/13/14 16:25	1
Acenaphthylene	ND		4.1		ug/L		10/10/14 10:11	10/13/14 16:25	1
3-Nitroaniline	ND		5.1		ug/L		10/10/14 10:11	10/13/14 16:25	1
Acenaphthene	ND		2.0		ug/L		10/10/14 10:11	10/13/14 16:25	1
2,4-Dinitrophenol	ND		10		ug/L		10/10/14 10:11	10/13/14 16:25	1
4-Nitrophenol	ND		10		ug/L		10/10/14 10:11	10/13/14 16:25	1
Dibenzofuran	ND		4.1		ug/L		10/10/14 10:11	10/13/14 16:25	1
2,4-Dinitrotoluene	ND		4.1		ug/L		10/10/14 10:11	10/13/14 16:25	1
2,6-Dinitrotoluene	ND		5.1		ug/L		10/10/14 10:11	10/13/14 16:25	1
Diethyl phthalate	ND		5.1		ug/L		10/10/14 10:11	10/13/14 16:25	1
4-Chlorophenyl phenyl ether	ND		5.1		ug/L		10/10/14 10:11	10/13/14 16:25	1
Fluorene	ND		4.1		ug/L		10/10/14 10:11	10/13/14 16:25	1
4-Nitroaniline	ND		10		ug/L		10/10/14 10:11	10/13/14 16:25	1
2-Methyl-4,6-dinitrophenol	ND		10		ug/L		10/10/14 10:11	10/13/14 16:25	1
N-Nitrosodiphenylamine	ND		2.0		ug/L		10/10/14 10:11	10/13/14 16:25	1
4-Bromophenyl phenyl ether	ND		5.1		ug/L		10/10/14 10:11	10/13/14 16:25	1
Hexachlorobenzene	ND		2.0		ug/L		10/10/14 10:11	10/13/14 16:25	1
Pentachlorophenol	ND		10		ug/L		10/10/14 10:11	10/13/14 16:25	1
Phenanthrene	ND		2.0		ug/L		10/10/14 10:11	10/13/14 16:25	1
Anthracene	ND		2.0		ug/L		10/10/14 10:11	10/13/14 16:25	1
Di-n-butyl phthalate	ND		5.1		ug/L		10/10/14 10:11	10/13/14 16:25	1
Fluoranthene	ND		2.0		ug/L		10/10/14 10:11	10/13/14 16:25	1
Pyrene	ND		2.0		ug/L		10/10/14 10:11	10/13/14 16:25	1
Butyl benzyl phthalate	ND		5.1		ug/L		10/10/14 10:11	10/13/14 16:25	1
3,3'-Dichlorobenzidine	ND		5.1		ug/L		10/10/14 10:11	10/13/14 16:25	1
Benzo[a]anthracene	ND		5.1		ug/L		10/10/14 10:11	10/13/14 16:25	1
Bis(2-ethylhexyl) phthalate	ND		10		ug/L		10/10/14 10:11	10/13/14 16:25	1
Chrysene	ND		2.0		ug/L		10/10/14 10:11	10/13/14 16:25	1
Di-n-octyl phthalate	ND		5.1		ug/L		10/10/14 10:11	10/13/14 16:25	1
Benzo[b]fluoranthene	ND		2.0		ug/L		10/10/14 10:11	10/13/14 16:25	1
Benzo[a]pyrene	ND		2.0		ug/L		10/10/14 10:11	10/13/14 16:25	1
Benzo[k]fluoranthene	ND		2.0		ug/L		10/10/14 10:11	10/13/14 16:25	1
Indeno[1,2,3-cd]pyrene	ND		2.0		ug/L		10/10/14 10:11	10/13/14 16:25	1
Benzo[g,h,i]perylene	ND		2.0		ug/L		10/10/14 10:11	10/13/14 16:25	1
Benzoic acid	ND		10		ug/L		10/10/14 10:11	10/13/14 16:25	1
Azobenzene	ND		2.0		ug/L		10/10/14 10:11	10/13/14 16:25	1
Dibenz(a,h)anthracene	ND		2.0		ug/L		10/10/14 10:11	10/13/14 16:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	56		11 - 92	10/10/14 10:11	10/13/14 16:25	1
2-Fluorobiphenyl	46		10 - 101	10/10/14 10:11	10/13/14 16:25	1
Terphenyl-d14	53		34 - 128	10/10/14 10:11	10/13/14 16:25	1
2-Fluorophenol	19		10 - 65	10/10/14 10:11	10/13/14 16:25	1
Phenol-d5	11		10 - 46	10/10/14 10:11	10/13/14 16:25	1
2,4,6-Tribromophenol	68		17 - 115	10/10/14 10:11	10/13/14 16:25	1

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
 Project/Site: Philips San Jose

TestAmerica Job ID: 720-60420-1

Client Sample ID: PLPB-4

Lab Sample ID: 720-60420-2

Date Collected: 10/06/14 17:20

Matrix: Water

Date Received: 10/07/14 17:45

Method: 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.010		mg/L		10/09/14 19:16	10/10/14 20:25	1
Arsenic	ND		0.010		mg/L		10/09/14 19:16	10/10/14 20:25	1
Beryllium	ND		0.0020		mg/L		10/09/14 19:16	10/10/14 20:25	1
Cadmium	ND		0.0020		mg/L		10/09/14 19:16	10/10/14 20:25	1
Chromium	ND		0.010		mg/L		10/09/14 19:16	10/10/14 20:25	1
Copper	ND		0.020		mg/L		10/09/14 19:16	10/10/14 20:25	1
Lead	ND		0.0050		mg/L		10/09/14 19:16	10/10/14 20:25	1
Nickel	ND		0.010		mg/L		10/09/14 19:16	10/10/14 20:25	1
Selenium	0.021		0.020		mg/L		10/09/14 19:16	10/10/14 20:25	1
Silver	ND		0.0050		mg/L		10/09/14 19:16	10/10/14 20:25	1
Zinc	0.020		0.020		mg/L		10/09/14 19:16	10/10/14 20:25	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		10/10/14 09:28	10/10/14 13:13	1

Client Sample Results

Client: URS Corporation
 Project/Site: Philips San Jose

TestAmerica Job ID: 720-60420-1

Client Sample ID: PLSB-1

Lab Sample ID: 720-60420-3

Date Collected: 10/07/14 09:15

Matrix: Water

Date Received: 10/07/14 17:45

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			10/14/14 23:26	1
Benzene	ND		0.50		ug/L			10/14/14 23:26	1
Ethylbenzene	ND		0.50		ug/L			10/14/14 23:26	1
Toluene	ND		0.50		ug/L			10/14/14 23:26	1
Xylenes, Total	ND		1.0		ug/L			10/14/14 23:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	111		67 - 130		10/14/14 23:26	1
1,2-Dichloroethane-d4 (Surr)	110		72 - 130		10/14/14 23:26	1
Toluene-d8 (Surr)	93		70 - 130		10/14/14 23:26	1

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		50		ug/L		10/13/14 08:53	10/13/14 20:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
p-Terphenyl	93		23 - 156	10/13/14 08:53	10/13/14 20:24	1

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60420-1

Client Sample ID: PLSB-5

Lab Sample ID: 720-60420-4

Date Collected: 10/07/14 11:35

Matrix: Water

Date Received: 10/07/14 17:45

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			10/14/14 23:55	1
Acetone	ND		50		ug/L			10/14/14 23:55	1
Benzene	ND		0.50		ug/L			10/14/14 23:55	1
Dichlorobromomethane	ND		0.50		ug/L			10/14/14 23:55	1
Bromobenzene	ND		1.0		ug/L			10/14/14 23:55	1
Chlorobromomethane	ND		1.0		ug/L			10/14/14 23:55	1
Bromoform	ND		1.0		ug/L			10/14/14 23:55	1
Bromomethane	ND		1.0		ug/L			10/14/14 23:55	1
2-Butanone (MEK)	ND		50		ug/L			10/14/14 23:55	1
n-Butylbenzene	ND		1.0		ug/L			10/14/14 23:55	1
sec-Butylbenzene	ND		1.0		ug/L			10/14/14 23:55	1
tert-Butylbenzene	ND		1.0		ug/L			10/14/14 23:55	1
Carbon disulfide	ND		5.0		ug/L			10/14/14 23:55	1
Carbon tetrachloride	ND		0.50		ug/L			10/14/14 23:55	1
Chlorobenzene	ND		0.50		ug/L			10/14/14 23:55	1
Chloroethane	ND		1.0		ug/L			10/14/14 23:55	1
Chloroform	ND		1.0		ug/L			10/14/14 23:55	1
Chloromethane	ND		1.0		ug/L			10/14/14 23:55	1
2-Chlorotoluene	ND		0.50		ug/L			10/14/14 23:55	1
4-Chlorotoluene	ND		0.50		ug/L			10/14/14 23:55	1
Chlorodibromomethane	ND		0.50		ug/L			10/14/14 23:55	1
1,2-Dichlorobenzene	ND		0.50		ug/L			10/14/14 23:55	1
1,3-Dichlorobenzene	ND		0.50		ug/L			10/14/14 23:55	1
1,4-Dichlorobenzene	ND		0.50		ug/L			10/14/14 23:55	1
1,3-Dichloropropane	ND		1.0		ug/L			10/14/14 23:55	1
1,1-Dichloropropene	ND		0.50		ug/L			10/14/14 23:55	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			10/14/14 23:55	1
Ethylene Dibromide	ND		0.50		ug/L			10/14/14 23:55	1
Dibromomethane	ND		0.50		ug/L			10/14/14 23:55	1
Dichlorodifluoromethane	ND		0.50		ug/L			10/14/14 23:55	1
1,1-Dichloroethane	ND		0.50		ug/L			10/14/14 23:55	1
1,2-Dichloroethane	ND		0.50		ug/L			10/14/14 23:55	1
1,1-Dichloroethene	ND		0.50		ug/L			10/14/14 23:55	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			10/14/14 23:55	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			10/14/14 23:55	1
1,2-Dichloropropane	ND		0.50		ug/L			10/14/14 23:55	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			10/14/14 23:55	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			10/14/14 23:55	1
Ethylbenzene	ND		0.50		ug/L			10/14/14 23:55	1
Hexachlorobutadiene	ND		1.0		ug/L			10/14/14 23:55	1
2-Hexanone	ND		50		ug/L			10/14/14 23:55	1
Isopropylbenzene	ND		0.50		ug/L			10/14/14 23:55	1
4-Isopropyltoluene	ND		1.0		ug/L			10/14/14 23:55	1
Methylene Chloride	ND		5.0		ug/L			10/14/14 23:55	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			10/14/14 23:55	1
Naphthalene	ND		1.0		ug/L			10/14/14 23:55	1
N-Propylbenzene	ND		1.0		ug/L			10/14/14 23:55	1
Styrene	ND		0.50		ug/L			10/14/14 23:55	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			10/14/14 23:55	1

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60420-1

Client Sample ID: PLSB-5

Lab Sample ID: 720-60420-4

Date Collected: 10/07/14 11:35

Matrix: Water

Date Received: 10/07/14 17:45

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			10/14/14 23:55	1
Tetrachloroethene	ND		0.50		ug/L			10/14/14 23:55	1
Toluene	ND		0.50		ug/L			10/14/14 23:55	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			10/14/14 23:55	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			10/14/14 23:55	1
1,1,1-Trichloroethane	ND		0.50		ug/L			10/14/14 23:55	1
1,1,2-Trichloroethane	ND		0.50		ug/L			10/14/14 23:55	1
Trichloroethene	ND		0.50		ug/L			10/14/14 23:55	1
Trichlorofluoromethane	ND		1.0		ug/L			10/14/14 23:55	1
1,2,3-Trichloropropane	ND		0.50		ug/L			10/14/14 23:55	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			10/14/14 23:55	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			10/14/14 23:55	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			10/14/14 23:55	1
Vinyl acetate	ND		10		ug/L			10/14/14 23:55	1
Vinyl chloride	ND		0.50		ug/L			10/14/14 23:55	1
Xylenes, Total	ND		1.0		ug/L			10/14/14 23:55	1
2,2-Dichloropropane	ND		0.50		ug/L			10/14/14 23:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	111		67 - 130		10/14/14 23:55	1
1,2-Dichloroethane-d4 (Surr)	109		72 - 130		10/14/14 23:55	1
Toluene-d8 (Surr)	92		70 - 130		10/14/14 23:55	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:35	1
Bis(2-chloroethyl)ether	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:35	1
2-Chlorophenol	ND		4.0		ug/L		10/14/14 10:04	10/15/14 17:35	1
1,3-Dichlorobenzene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:35	1
1,4-Dichlorobenzene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:35	1
Benzyl alcohol	ND		5.0		ug/L		10/14/14 10:04	10/15/14 17:35	1
1,2-Dichlorobenzene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:35	1
2-Methylphenol	ND		4.0		ug/L		10/14/14 10:04	10/15/14 17:35	1
4-Methylphenol	ND		8.0		ug/L		10/14/14 10:04	10/15/14 17:35	1
N-Nitrosodi-n-propylamine	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:35	1
Hexachloroethane	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:35	1
Nitrobenzene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:35	1
Isophorone	ND		4.0		ug/L		10/14/14 10:04	10/15/14 17:35	1
2-Nitrophenol	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:35	1
2,4-Dimethylphenol	ND		3.0		ug/L		10/14/14 10:04	10/15/14 17:35	1
Bis(2-chloroethoxy)methane	ND		5.0		ug/L		10/14/14 10:04	10/15/14 17:35	1
2,4-Dichlorophenol	ND		5.0		ug/L		10/14/14 10:04	10/15/14 17:35	1
1,2,4-Trichlorobenzene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:35	1
Naphthalene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:35	1
4-Chloroaniline	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:35	1
Hexachlorobutadiene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:35	1
4-Chloro-3-methylphenol	ND		5.0		ug/L		10/14/14 10:04	10/15/14 17:35	1
2-Methylnaphthalene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:35	1
Hexachlorocyclopentadiene	ND		5.0		ug/L		10/14/14 10:04	10/15/14 17:35	1
2,4,6-Trichlorophenol	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:35	1

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60420-1

Client Sample ID: PLSB-5

Lab Sample ID: 720-60420-4

Date Collected: 10/07/14 11:35

Matrix: Water

Date Received: 10/07/14 17:45

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.0		ug/L		10/14/14 10:04	10/15/14 17:35	1
2-Chloronaphthalene	ND		4.0		ug/L		10/14/14 10:04	10/15/14 17:35	1
2-Nitroaniline	ND		10		ug/L		10/14/14 10:04	10/15/14 17:35	1
Dimethyl phthalate	ND		5.0		ug/L		10/14/14 10:04	10/15/14 17:35	1
Acenaphthylene	ND		4.0		ug/L		10/14/14 10:04	10/15/14 17:35	1
3-Nitroaniline	ND		5.0		ug/L		10/14/14 10:04	10/15/14 17:35	1
Acenaphthene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:35	1
2,4-Dinitrophenol	ND		10		ug/L		10/14/14 10:04	10/15/14 17:35	1
4-Nitrophenol	ND		10		ug/L		10/14/14 10:04	10/15/14 17:35	1
Dibenzofuran	ND		4.0		ug/L		10/14/14 10:04	10/15/14 17:35	1
2,4-Dinitrotoluene	ND		4.0		ug/L		10/14/14 10:04	10/15/14 17:35	1
2,6-Dinitrotoluene	ND		5.0		ug/L		10/14/14 10:04	10/15/14 17:35	1
Diethyl phthalate	ND		5.0		ug/L		10/14/14 10:04	10/15/14 17:35	1
4-Chlorophenyl phenyl ether	ND		5.0		ug/L		10/14/14 10:04	10/15/14 17:35	1
Fluorene	ND		4.0		ug/L		10/14/14 10:04	10/15/14 17:35	1
4-Nitroaniline	ND		10		ug/L		10/14/14 10:04	10/15/14 17:35	1
2-Methyl-4,6-dinitrophenol	ND		10		ug/L		10/14/14 10:04	10/15/14 17:35	1
N-Nitrosodiphenylamine	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:35	1
4-Bromophenyl phenyl ether	ND		5.0		ug/L		10/14/14 10:04	10/15/14 17:35	1
Hexachlorobenzene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:35	1
Pentachlorophenol	ND		10		ug/L		10/14/14 10:04	10/15/14 17:35	1
Phenanthrene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:35	1
Anthracene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:35	1
Di-n-butyl phthalate	ND		5.0		ug/L		10/14/14 10:04	10/15/14 17:35	1
Fluoranthene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:35	1
Pyrene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:35	1
Butyl benzyl phthalate	ND		5.0		ug/L		10/14/14 10:04	10/15/14 17:35	1
3,3'-Dichlorobenzidine	ND		5.0		ug/L		10/14/14 10:04	10/15/14 17:35	1
Benzo[a]anthracene	ND		5.0		ug/L		10/14/14 10:04	10/15/14 17:35	1
Bis(2-ethylhexyl) phthalate	ND		10		ug/L		10/14/14 10:04	10/15/14 17:35	1
Chrysene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:35	1
Di-n-octyl phthalate	ND		5.0		ug/L		10/14/14 10:04	10/15/14 17:35	1
Benzo[b]fluoranthene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:35	1
Benzo[a]pyrene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:35	1
Benzo[k]fluoranthene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:35	1
Indeno[1,2,3-cd]pyrene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:35	1
Benzo[g,h,i]perylene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:35	1
Benzoic acid	ND		10		ug/L		10/14/14 10:04	10/15/14 17:35	1
Azobenzene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:35	1
Dibenz(a,h)anthracene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	39		11 - 92	10/14/14 10:04	10/15/14 17:35	1
2-Fluorobiphenyl	38		10 - 101	10/14/14 10:04	10/15/14 17:35	1
Terphenyl-d14	58		34 - 128	10/14/14 10:04	10/15/14 17:35	1
2-Fluorophenol	19		10 - 65	10/14/14 10:04	10/15/14 17:35	1
Phenol-d5	11		10 - 46	10/14/14 10:04	10/15/14 17:35	1
2,4,6-Tribromophenol	39		17 - 115	10/14/14 10:04	10/15/14 17:35	1

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60420-1

Client Sample ID: PLSB-5

Lab Sample ID: 720-60420-4

Date Collected: 10/07/14 11:35

Matrix: Water

Date Received: 10/07/14 17:45

Method: 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.010		mg/L		10/14/14 10:16	10/14/14 19:25	1
Arsenic	0.024		0.010		mg/L		10/14/14 10:16	10/14/14 19:25	1
Beryllium	ND		0.0020		mg/L		10/14/14 10:16	10/14/14 19:25	1
Cadmium	ND		0.0020		mg/L		10/14/14 10:16	10/14/14 19:25	1
Chromium	ND		0.010		mg/L		10/14/14 10:16	10/14/14 19:25	1
Copper	ND		0.020		mg/L		10/14/14 10:16	10/14/14 19:25	1
Lead	ND		0.0050		mg/L		10/14/14 10:16	10/14/14 19:25	1
Nickel	ND		0.010		mg/L		10/14/14 10:16	10/14/14 19:25	1
Selenium	ND		0.020		mg/L		10/14/14 10:16	10/14/14 19:25	1
Silver	ND		0.0050		mg/L		10/14/14 10:16	10/14/14 19:25	1
Zinc	0.055		0.020		mg/L		10/14/14 10:16	10/14/14 19:25	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		10/13/14 14:23	10/14/14 19:17	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010		mg/L		10/10/14 13:00	10/11/14 12:52	1

Client Sample Results

Client: URS Corporation
 Project/Site: Philips San Jose

TestAmerica Job ID: 720-60420-1

Client Sample ID: PLSB-2

Lab Sample ID: 720-60420-5

Date Collected: 10/07/14 13:15

Matrix: Water

Date Received: 10/07/14 17:45

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			10/15/14 00:23	1
Benzene	ND		0.50		ug/L			10/15/14 00:23	1
Ethylbenzene	ND		0.50		ug/L			10/15/14 00:23	1
Toluene	ND		0.50		ug/L			10/15/14 00:23	1
Xylenes, Total	ND		1.0		ug/L			10/15/14 00:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	109		67 - 130		10/15/14 00:23	1
1,2-Dichloroethane-d4 (Surr)	111		72 - 130		10/15/14 00:23	1
Toluene-d8 (Surr)	92		70 - 130		10/15/14 00:23	1

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		50		ug/L		10/13/14 08:53	10/13/14 20:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
p-Terphenyl	94		23 - 156	10/13/14 08:53	10/13/14 20:48	1

Client Sample Results

Client: URS Corporation
 Project/Site: Philips San Jose

TestAmerica Job ID: 720-60420-1

Client Sample ID: PLSB-3

Lab Sample ID: 720-60420-6

Date Collected: 10/07/14 14:10

Matrix: Water

Date Received: 10/07/14 17:45

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			10/15/14 00:51	1
Benzene	ND		0.50		ug/L			10/15/14 00:51	1
Ethylbenzene	ND		0.50		ug/L			10/15/14 00:51	1
Toluene	ND		0.50		ug/L			10/15/14 00:51	1
Xylenes, Total	ND		1.0		ug/L			10/15/14 00:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	113		67 - 130		10/15/14 00:51	1
1,2-Dichloroethane-d4 (Surr)	117		72 - 130		10/15/14 00:51	1
Toluene-d8 (Surr)	94		70 - 130		10/15/14 00:51	1

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	880		50		ug/L		10/13/14 08:53	10/13/14 21:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
p-Terphenyl	96		23 - 156	10/13/14 08:53	10/13/14 21:12	1

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60420-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 720-168807/4

Matrix: Water

Analysis Batch: 168807

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			10/14/14 20:08	1
Acetone	ND		50		ug/L			10/14/14 20:08	1
Benzene	ND		0.50		ug/L			10/14/14 20:08	1
Dichlorobromomethane	ND		0.50		ug/L			10/14/14 20:08	1
Bromobenzene	ND		1.0		ug/L			10/14/14 20:08	1
Chlorobromomethane	ND		1.0		ug/L			10/14/14 20:08	1
Bromoform	ND		1.0		ug/L			10/14/14 20:08	1
Bromomethane	ND		1.0		ug/L			10/14/14 20:08	1
2-Butanone (MEK)	ND		50		ug/L			10/14/14 20:08	1
n-Butylbenzene	ND		1.0		ug/L			10/14/14 20:08	1
sec-Butylbenzene	ND		1.0		ug/L			10/14/14 20:08	1
tert-Butylbenzene	ND		1.0		ug/L			10/14/14 20:08	1
Carbon disulfide	ND		5.0		ug/L			10/14/14 20:08	1
Carbon tetrachloride	ND		0.50		ug/L			10/14/14 20:08	1
Chlorobenzene	ND		0.50		ug/L			10/14/14 20:08	1
Chloroethane	ND		1.0		ug/L			10/14/14 20:08	1
Chloroform	ND		1.0		ug/L			10/14/14 20:08	1
Chloromethane	ND		1.0		ug/L			10/14/14 20:08	1
2-Chlorotoluene	ND		0.50		ug/L			10/14/14 20:08	1
4-Chlorotoluene	ND		0.50		ug/L			10/14/14 20:08	1
Chlorodibromomethane	ND		0.50		ug/L			10/14/14 20:08	1
1,2-Dichlorobenzene	ND		0.50		ug/L			10/14/14 20:08	1
1,3-Dichlorobenzene	ND		0.50		ug/L			10/14/14 20:08	1
1,4-Dichlorobenzene	ND		0.50		ug/L			10/14/14 20:08	1
1,3-Dichloropropane	ND		1.0		ug/L			10/14/14 20:08	1
1,1-Dichloropropene	ND		0.50		ug/L			10/14/14 20:08	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			10/14/14 20:08	1
Ethylene Dibromide	ND		0.50		ug/L			10/14/14 20:08	1
Dibromomethane	ND		0.50		ug/L			10/14/14 20:08	1
Dichlorodifluoromethane	ND		0.50		ug/L			10/14/14 20:08	1
1,1-Dichloroethane	ND		0.50		ug/L			10/14/14 20:08	1
1,2-Dichloroethane	ND		0.50		ug/L			10/14/14 20:08	1
1,1-Dichloroethene	ND		0.50		ug/L			10/14/14 20:08	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			10/14/14 20:08	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			10/14/14 20:08	1
1,2-Dichloropropane	ND		0.50		ug/L			10/14/14 20:08	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			10/14/14 20:08	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			10/14/14 20:08	1
Ethylbenzene	ND		0.50		ug/L			10/14/14 20:08	1
Hexachlorobutadiene	ND		1.0		ug/L			10/14/14 20:08	1
2-Hexanone	ND		50		ug/L			10/14/14 20:08	1
Isopropylbenzene	ND		0.50		ug/L			10/14/14 20:08	1
4-Isopropyltoluene	ND		1.0		ug/L			10/14/14 20:08	1
Methylene Chloride	ND		5.0		ug/L			10/14/14 20:08	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			10/14/14 20:08	1
Naphthalene	ND		1.0		ug/L			10/14/14 20:08	1
N-Propylbenzene	ND		1.0		ug/L			10/14/14 20:08	1
Styrene	ND		0.50		ug/L			10/14/14 20:08	1

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60420-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 720-168807/4

Matrix: Water

Analysis Batch: 168807

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			10/14/14 20:08	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			10/14/14 20:08	1
Tetrachloroethene	ND		0.50		ug/L			10/14/14 20:08	1
Toluene	ND		0.50		ug/L			10/14/14 20:08	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			10/14/14 20:08	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			10/14/14 20:08	1
1,1,1-Trichloroethane	ND		0.50		ug/L			10/14/14 20:08	1
1,1,2-Trichloroethane	ND		0.50		ug/L			10/14/14 20:08	1
Trichloroethene	ND		0.50		ug/L			10/14/14 20:08	1
Trichlorofluoromethane	ND		1.0		ug/L			10/14/14 20:08	1
1,2,3-Trichloropropane	ND		0.50		ug/L			10/14/14 20:08	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			10/14/14 20:08	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			10/14/14 20:08	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			10/14/14 20:08	1
Vinyl acetate	ND		10		ug/L			10/14/14 20:08	1
Vinyl chloride	ND		0.50		ug/L			10/14/14 20:08	1
Xylenes, Total	ND		1.0		ug/L			10/14/14 20:08	1
2,2-Dichloropropane	ND		0.50		ug/L			10/14/14 20:08	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	109		67 - 130		10/14/14 20:08	1
1,2-Dichloroethane-d4 (Surr)	103		72 - 130		10/14/14 20:08	1
Toluene-d8 (Surr)	94		70 - 130		10/14/14 20:08	1

Lab Sample ID: LCS 720-168807/5

Matrix: Water

Analysis Batch: 168807

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl tert-butyl ether	25.0	26.3		ug/L		105	62 - 130
Acetone	125	116		ug/L		93	26 - 180
Benzene	25.0	25.9		ug/L		103	79 - 130
Dichlorobromomethane	25.0	28.2		ug/L		113	70 - 130
Bromobenzene	25.0	24.3		ug/L		97	70 - 130
Chlorobromomethane	25.0	21.8		ug/L		87	70 - 130
Bromoform	25.0	28.3		ug/L		113	68 - 136
Bromomethane	25.0	20.3		ug/L		81	43 - 151
2-Butanone (MEK)	125	114		ug/L		91	54 - 130
n-Butylbenzene	25.0	28.9		ug/L		116	70 - 142
sec-Butylbenzene	25.0	26.3		ug/L		105	70 - 134
tert-Butylbenzene	25.0	25.4		ug/L		102	70 - 135
Carbon disulfide	25.0	23.0		ug/L		92	58 - 130
Carbon tetrachloride	25.0	25.7		ug/L		103	70 - 146
Chlorobenzene	25.0	26.6		ug/L		107	70 - 130
Chloroethane	25.0	21.8		ug/L		87	62 - 138
Chloroform	25.0	27.3		ug/L		109	70 - 130
Chloromethane	25.0	26.6		ug/L		106	52 - 175
2-Chlorotoluene	25.0	27.8		ug/L		111	70 - 130

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60420-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 720-168807/5

Matrix: Water

Analysis Batch: 168807

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4-Chlorotoluene	25.0	28.2		ug/L		113	70 - 130
Chlorodibromomethane	25.0	25.9		ug/L		104	70 - 145
1,2-Dichlorobenzene	25.0	24.8		ug/L		99	70 - 130
1,3-Dichlorobenzene	25.0	24.8		ug/L		99	70 - 130
1,4-Dichlorobenzene	25.0	24.7		ug/L		99	70 - 130
1,3-Dichloropropane	25.0	26.0		ug/L		104	70 - 130
1,1-Dichloropropene	25.0	28.3		ug/L		113	70 - 130
1,2-Dibromo-3-Chloropropane	25.0	24.5		ug/L		98	70 - 136
Ethylene Dibromide	25.0	23.7		ug/L		95	70 - 130
Dibromomethane	25.0	25.5		ug/L		102	70 - 130
Dichlorodifluoromethane	25.0	23.0		ug/L		92	34 - 132
1,1-Dichloroethane	25.0	27.1		ug/L		108	70 - 130
1,2-Dichloroethane	25.0	27.1		ug/L		109	61 - 132
1,1-Dichloroethene	25.0	21.2		ug/L		85	64 - 128
cis-1,2-Dichloroethene	25.0	26.9		ug/L		108	70 - 130
trans-1,2-Dichloroethene	25.0	23.8		ug/L		95	68 - 130
1,2-Dichloropropane	25.0	26.8		ug/L		107	70 - 130
cis-1,3-Dichloropropene	25.0	28.1		ug/L		112	70 - 130
trans-1,3-Dichloropropene	25.0	30.6		ug/L		123	70 - 140
Ethylbenzene	25.0	27.9		ug/L		112	80 - 120
Hexachlorobutadiene	25.0	29.7		ug/L		119	70 - 130
2-Hexanone	125	127		ug/L		102	60 - 164
Isopropylbenzene	25.0	27.1		ug/L		108	70 - 130
4-Isopropyltoluene	25.0	25.0		ug/L		100	70 - 130
Methylene Chloride	25.0	23.8		ug/L		95	70 - 147
4-Methyl-2-pentanone (MIBK)	125	132		ug/L		106	58 - 130
Naphthalene	25.0	25.0		ug/L		100	70 - 130
N-Propylbenzene	25.0	28.4		ug/L		114	70 - 130
Styrene	25.0	26.4		ug/L		106	70 - 130
1,1,1,2-Tetrachloroethane	25.0	26.9		ug/L		107	70 - 130
1,1,2,2-Tetrachloroethane	25.0	28.6		ug/L		114	70 - 130
Tetrachloroethene	25.0	23.3		ug/L		93	70 - 130
Toluene	25.0	27.4		ug/L		109	78 - 120
1,2,3-Trichlorobenzene	25.0	26.6		ug/L		106	70 - 130
1,2,4-Trichlorobenzene	25.0	27.2		ug/L		109	70 - 130
1,1,1-Trichloroethane	25.0	25.5		ug/L		102	70 - 130
1,1,2-Trichloroethane	25.0	26.8		ug/L		107	70 - 130
Trichloroethene	25.0	22.7		ug/L		91	70 - 130
Trichlorofluoromethane	25.0	26.4		ug/L		106	66 - 132
1,2,3-Trichloropropane	25.0	25.7		ug/L		103	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	19.5		ug/L		78	42 - 162
1,2,4-Trimethylbenzene	25.0	26.8		ug/L		107	70 - 132
1,3,5-Trimethylbenzene	25.0	27.0		ug/L		108	70 - 130
Vinyl acetate	25.0	28.9		ug/L		116	43 - 163
Vinyl chloride	25.0	21.1		ug/L		84	54 - 135
m-Xylene & p-Xylene	25.0	28.0		ug/L		112	70 - 142
o-Xylene	25.0	28.0		ug/L		112	70 - 130

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60420-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 720-168807/5

Matrix: Water

Analysis Batch: 168807

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,2-Dichloropropane	25.0	26.3		ug/L		105	70 - 140

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	112		67 - 130
1,2-Dichloroethane-d4 (Surr)	98		72 - 130
Toluene-d8 (Surr)	96		70 - 130

Lab Sample ID: LCSD 720-168807/6

Matrix: Water

Analysis Batch: 168807

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Methyl tert-butyl ether	25.0	26.4		ug/L		105	62 - 130	0	20
Acetone	125	119		ug/L		95	26 - 180	2	30
Benzene	25.0	25.9		ug/L		103	79 - 130	0	20
Dichlorobromomethane	25.0	28.2		ug/L		113	70 - 130	0	20
Bromobenzene	25.0	24.0		ug/L		96	70 - 130	1	20
Chlorobromomethane	25.0	21.8		ug/L		87	70 - 130	0	20
Bromoform	25.0	28.5		ug/L		114	68 - 136	1	20
Bromomethane	25.0	22.0		ug/L		88	43 - 151	8	20
2-Butanone (MEK)	125	116		ug/L		93	54 - 130	2	20
n-Butylbenzene	25.0	28.3		ug/L		113	70 - 142	2	20
sec-Butylbenzene	25.0	25.9		ug/L		104	70 - 134	2	20
tert-Butylbenzene	25.0	25.3		ug/L		101	70 - 135	1	20
Carbon disulfide	25.0	23.4		ug/L		94	58 - 130	2	20
Carbon tetrachloride	25.0	25.6		ug/L		102	70 - 146	0	20
Chlorobenzene	25.0	26.5		ug/L		106	70 - 130	0	20
Chloroethane	25.0	23.1		ug/L		93	62 - 138	6	20
Chloroform	25.0	27.6		ug/L		110	70 - 130	1	20
Chloromethane	25.0	29.0		ug/L		116	52 - 175	9	20
2-Chlorotoluene	25.0	27.4		ug/L		110	70 - 130	1	20
4-Chlorotoluene	25.0	27.7		ug/L		111	70 - 130	2	20
Chlorodibromomethane	25.0	26.2		ug/L		105	70 - 145	1	20
1,2-Dichlorobenzene	25.0	24.5		ug/L		98	70 - 130	1	20
1,3-Dichlorobenzene	25.0	24.6		ug/L		98	70 - 130	1	20
1,4-Dichlorobenzene	25.0	24.6		ug/L		98	70 - 130	0	20
1,3-Dichloropropane	25.0	26.3		ug/L		105	70 - 130	1	20
1,1-Dichloropropene	25.0	28.7		ug/L		115	70 - 130	2	20
1,2-Dibromo-3-Chloropropane	25.0	24.7		ug/L		99	70 - 136	1	20
Ethylene Dibromide	25.0	23.9		ug/L		96	70 - 130	1	20
Dibromomethane	25.0	25.6		ug/L		102	70 - 130	1	20
Dichlorodifluoromethane	25.0	25.2		ug/L		101	34 - 132	9	20
1,1-Dichloroethane	25.0	27.5		ug/L		110	70 - 130	1	20
1,2-Dichloroethane	25.0	27.1		ug/L		109	61 - 132	0	20
1,1-Dichloroethane	25.0	21.1		ug/L		84	64 - 128	0	20
cis-1,2-Dichloroethane	25.0	26.9		ug/L		107	70 - 130	0	20
trans-1,2-Dichloroethane	25.0	24.3		ug/L		97	68 - 130	2	20
1,2-Dichloropropane	25.0	26.6		ug/L		106	70 - 130	1	20

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60420-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 720-168807/6

Matrix: Water

Analysis Batch: 168807

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits		RPD	
							RPD	Limit		
cis-1,3-Dichloropropene	25.0	28.1		ug/L		112	70 - 130	0	20	
trans-1,3-Dichloropropene	25.0	30.1		ug/L		121	70 - 140	2	20	
Ethylbenzene	25.0	27.8		ug/L		111	80 - 120	0	20	
Hexachlorobutadiene	25.0	29.7		ug/L		119	70 - 130	0	20	
2-Hexanone	125	124		ug/L		99	60 - 164	2	20	
Isopropylbenzene	25.0	26.7		ug/L		107	70 - 130	1	20	
4-Isopropyltoluene	25.0	24.3		ug/L		97	70 - 130	3	20	
Methylene Chloride	25.0	24.3		ug/L		97	70 - 147	2	20	
4-Methyl-2-pentanone (MIBK)	125	130		ug/L		104	58 - 130	1	20	
Naphthalene	25.0	24.4		ug/L		98	70 - 130	2	20	
N-Propylbenzene	25.0	27.8		ug/L		111	70 - 130	2	20	
Styrene	25.0	26.4		ug/L		106	70 - 130	0	20	
1,1,1,2-Tetrachloroethane	25.0	27.2		ug/L		109	70 - 130	1	20	
1,1,2,2-Tetrachloroethane	25.0	28.4		ug/L		114	70 - 130	1	20	
Tetrachloroethene	25.0	23.4		ug/L		94	70 - 130	0	20	
Toluene	25.0	27.8		ug/L		111	78 - 120	1	20	
1,2,3-Trichlorobenzene	25.0	26.1		ug/L		104	70 - 130	2	20	
1,2,4-Trichlorobenzene	25.0	26.5		ug/L		106	70 - 130	3	20	
1,1,1-Trichloroethane	25.0	26.2		ug/L		105	70 - 130	2	20	
1,1,2-Trichloroethane	25.0	26.4		ug/L		106	70 - 130	1	20	
Trichloroethene	25.0	22.9		ug/L		92	70 - 130	1	20	
Trichlorofluoromethane	25.0	27.3		ug/L		109	66 - 132	3	20	
1,2,3-Trichloropropane	25.0	25.9		ug/L		103	70 - 130	1	20	
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	19.9		ug/L		80	42 - 162	2	20	
1,2,4-Trimethylbenzene	25.0	26.4		ug/L		106	70 - 132	1	20	
1,3,5-Trimethylbenzene	25.0	26.9		ug/L		108	70 - 130	0	20	
Vinyl acetate	25.0	29.5		ug/L		118	43 - 163	2	20	
Vinyl chloride	25.0	23.6		ug/L		94	54 - 135	11	20	
m-Xylene & p-Xylene	25.0	27.9		ug/L		112	70 - 142	0	20	
o-Xylene	25.0	27.6		ug/L		110	70 - 130	1	20	
2,2-Dichloropropane	25.0	27.8		ug/L		111	70 - 140	6	20	

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene	113		67 - 130
1,2-Dichloroethane-d4 (Surr)	100		72 - 130
Toluene-d8 (Surr)	97		70 - 130

Lab Sample ID: 720-60391-A-13 MS

Matrix: Water

Analysis Batch: 168807

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS		Unit	D	%Rec	%Rec. Limits	
				Result	Qualifier				RPD	Limit
Methyl tert-butyl ether	ND		25.0	26.2		ug/L		105	60 - 138	
Acetone	ND		125	104		ug/L		84	60 - 140	
Benzene	ND		25.0	25.7		ug/L		103	60 - 140	
Dichlorobromomethane	ND		25.0	28.3		ug/L		113	60 - 140	
Bromobenzene	ND		25.0	24.6		ug/L		99	60 - 140	

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60420-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 720-60391-A-13 MS

Client Sample ID: Matrix Spike

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 168807

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.
	Result	Qualifier	Added	Result	Qualifier			Limits	
Chlorobromomethane	ND		25.0	21.5		ug/L		86	60 - 140
Bromoform	ND		25.0	28.2		ug/L		113	56 - 140
Bromomethane	ND		25.0	19.8		ug/L		79	23 - 140
2-Butanone (MEK)	ND		125	109		ug/L		87	60 - 140
n-Butylbenzene	ND		25.0	28.8		ug/L		115	60 - 140
sec-Butylbenzene	ND		25.0	25.9		ug/L		104	60 - 140
tert-Butylbenzene	ND		25.0	24.8		ug/L		99	60 - 140
Carbon disulfide	ND		25.0	22.3		ug/L		89	38 - 140
Carbon tetrachloride	ND		25.0	25.0		ug/L		100	60 - 140
Chlorobenzene	ND		25.0	26.6		ug/L		106	60 - 140
Chloroethane	ND		25.0	21.3		ug/L		85	51 - 140
Chloroform	ND		25.0	27.3		ug/L		109	60 - 140
Chloromethane	ND		25.0	26.0		ug/L		104	52 - 140
2-Chlorotoluene	ND		25.0	27.5		ug/L		110	60 - 140
4-Chlorotoluene	ND		25.0	28.3		ug/L		113	60 - 140
Chlorodibromomethane	ND		25.0	26.1		ug/L		104	60 - 140
1,2-Dichlorobenzene	ND		25.0	24.7		ug/L		99	60 - 140
1,3-Dichlorobenzene	ND		25.0	25.6		ug/L		102	60 - 140
1,4-Dichlorobenzene	ND		25.0	25.0		ug/L		100	60 - 140
1,3-Dichloropropane	ND		25.0	26.1		ug/L		105	60 - 140
1,1-Dichloropropene	ND		25.0	27.6		ug/L		110	60 - 140
1,2-Dibromo-3-Chloropropane	ND		25.0	24.3		ug/L		97	60 - 140
Ethylene Dibromide	ND		25.0	23.8		ug/L		95	60 - 140
Dibromomethane	ND		25.0	25.3		ug/L		101	60 - 140
Dichlorodifluoromethane	ND		25.0	23.4		ug/L		94	38 - 140
1,1-Dichloroethane	ND		25.0	26.8		ug/L		107	60 - 140
1,2-Dichloroethane	ND		25.0	27.3		ug/L		109	60 - 140
1,1-Dichloroethene	ND		25.0	20.3		ug/L		81	60 - 140
cis-1,2-Dichloroethene	ND		25.0	26.7		ug/L		107	60 - 140
trans-1,2-Dichloroethene	ND		25.0	23.6		ug/L		95	60 - 140
1,2-Dichloropropane	ND		25.0	26.9		ug/L		108	60 - 140
cis-1,3-Dichloropropene	ND		25.0	28.2		ug/L		113	60 - 140
trans-1,3-Dichloropropene	ND		25.0	30.7		ug/L		123	60 - 140
Ethylbenzene	ND		25.0	27.5		ug/L		110	60 - 140
Hexachlorobutadiene	ND		25.0	29.7		ug/L		119	60 - 140
2-Hexanone	ND		125	126		ug/L		101	60 - 140
Isopropylbenzene	ND		25.0	26.6		ug/L		106	60 - 140
4-Isopropyltoluene	ND		25.0	24.7		ug/L		99	60 - 140
Methylene Chloride	ND		25.0	23.7		ug/L		95	40 - 140
4-Methyl-2-pentanone (MIBK)	ND		125	133		ug/L		106	58 - 130
Naphthalene	ND		25.0	24.8		ug/L		99	56 - 140
N-Propylbenzene	ND		25.0	27.9		ug/L		112	60 - 140
Styrene	ND		25.0	26.3		ug/L		105	60 - 140
1,1,1,2-Tetrachloroethane	ND		25.0	27.3		ug/L		109	60 - 140
1,1,1,2,2-Tetrachloroethane	ND		25.0	28.4		ug/L		114	60 - 140
Tetrachloroethene	ND		25.0	23.1		ug/L		92	60 - 140
Toluene	ND		25.0	27.1		ug/L		108	60 - 140
1,2,3-Trichlorobenzene	ND		25.0	27.1		ug/L		108	60 - 140

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60420-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 720-60391-A-13 MS

Client Sample ID: Matrix Spike

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 168807

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier	Added	Result	Qualifier				
1,2,4-Trichlorobenzene	ND		25.0	27.7		ug/L		111	60 - 140
1,1,1-Trichloroethane	ND		25.0	25.1		ug/L		100	60 - 140
1,1,2-Trichloroethane	ND		25.0	26.9		ug/L		108	60 - 140
Trichloroethene	ND		25.0	22.0		ug/L		88	60 - 140
Trichlorofluoromethane	ND		25.0	26.6		ug/L		106	60 - 140
1,2,3-Trichloropropane	ND		25.0	25.3		ug/L		101	60 - 140
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	18.8		ug/L		75	60 - 140
1,2,4-Trimethylbenzene	ND		25.0	26.8		ug/L		107	60 - 140
1,3,5-Trimethylbenzene	ND		25.0	26.9		ug/L		108	60 - 140
Vinyl acetate	ND		25.0	31.3		ug/L		125	40 - 140
Vinyl chloride	ND		25.0	20.8		ug/L		83	58 - 140
m-Xylene & p-Xylene	ND		25.0	27.8		ug/L		111	60 - 140
o-Xylene	ND		25.0	28.1		ug/L		112	60 - 140
2,2-Dichloropropane	ND		25.0	24.7		ug/L		99	60 - 140

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene	113		67 - 130
1,2-Dichloroethane-d4 (Surr)	100		72 - 130
Toluene-d8 (Surr)	94		70 - 130

Lab Sample ID: 720-60391-A-13 MSD

Client Sample ID: Matrix Spike Duplicate

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 168807

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
	Result	Qualifier	Added	Result	Qualifier						
Methyl tert-butyl ether	ND		25.0	26.2		ug/L		105	60 - 138	0	20
Acetone	ND		125	105		ug/L		84	60 - 140	1	20
Benzene	ND		25.0	25.7		ug/L		103	60 - 140	0	20
Dichlorobromomethane	ND		25.0	28.5		ug/L		114	60 - 140	1	20
Bromobenzene	ND		25.0	24.0		ug/L		96	60 - 140	3	20
Chlorobromomethane	ND		25.0	21.4		ug/L		86	60 - 140	0	20
Bromoform	ND		25.0	27.5		ug/L		110	56 - 140	2	20
Bromomethane	ND		25.0	22.1		ug/L		88	23 - 140	11	20
2-Butanone (MEK)	ND		125	109		ug/L		87	60 - 140	0	20
n-Butylbenzene	ND		25.0	28.2		ug/L		113	60 - 140	2	20
sec-Butylbenzene	ND		25.0	25.3		ug/L		101	60 - 140	2	20
tert-Butylbenzene	ND		25.0	24.4		ug/L		98	60 - 140	1	20
Carbon disulfide	ND		25.0	22.2		ug/L		89	38 - 140	0	20
Carbon tetrachloride	ND		25.0	24.7		ug/L		99	60 - 140	1	20
Chlorobenzene	ND		25.0	26.1		ug/L		104	60 - 140	2	20
Chloroethane	ND		25.0	22.9		ug/L		91	51 - 140	7	20
Chloroform	ND		25.0	26.9		ug/L		108	60 - 140	1	20
Chloromethane	ND		25.0	27.4		ug/L		109	52 - 140	5	20
2-Chlorotoluene	ND		25.0	27.2		ug/L		109	60 - 140	1	20
4-Chlorotoluene	ND		25.0	27.8		ug/L		111	60 - 140	2	20
Chlorodibromomethane	ND		25.0	26.4		ug/L		106	60 - 140	1	20
1,2-Dichlorobenzene	ND		25.0	24.5		ug/L		98	60 - 140	1	20

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60420-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 720-60391-A-13 MSD

Matrix: Water

Analysis Batch: 168807

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		Limit
1,3-Dichlorobenzene	ND		25.0	24.8		ug/L		99	60 - 140	3	20
1,4-Dichlorobenzene	ND		25.0	24.7		ug/L		99	60 - 140	1	20
1,3-Dichloropropane	ND		25.0	26.2		ug/L		105	60 - 140	0	20
1,1-Dichloropropene	ND		25.0	27.4		ug/L		110	60 - 140	1	20
1,2-Dibromo-3-Chloropropane	ND		25.0	24.3		ug/L		97	60 - 140	0	20
Ethylene Dibromide	ND		25.0	23.7		ug/L		95	60 - 140	0	20
Dibromomethane	ND		25.0	25.1		ug/L		100	60 - 140	1	20
Dichlorodifluoromethane	ND		25.0	24.2		ug/L		97	38 - 140	3	20
1,1-Dichloroethane	ND		25.0	26.9		ug/L		107	60 - 140	0	20
1,2-Dichloroethane	ND		25.0	27.3		ug/L		109	60 - 140	0	20
1,1-Dichloroethene	ND		25.0	20.3		ug/L		81	60 - 140	0	20
cis-1,2-Dichloroethene	ND		25.0	26.5		ug/L		106	60 - 140	1	20
trans-1,2-Dichloroethene	ND		25.0	23.3		ug/L		93	60 - 140	1	20
1,2-Dichloropropane	ND		25.0	26.8		ug/L		107	60 - 140	0	20
cis-1,3-Dichloropropene	ND		25.0	28.1		ug/L		112	60 - 140	0	20
trans-1,3-Dichloropropene	ND		25.0	30.4		ug/L		122	60 - 140	1	20
Ethylbenzene	ND		25.0	26.9		ug/L		108	60 - 140	2	20
Hexachlorobutadiene	ND		25.0	29.1		ug/L		117	60 - 140	2	20
2-Hexanone	ND		125	121		ug/L		97	60 - 140	4	20
Isopropylbenzene	ND		25.0	26.0		ug/L		104	60 - 140	2	20
4-Isopropyltoluene	ND		25.0	24.1		ug/L		96	60 - 140	2	20
Methylene Chloride	ND		25.0	24.0		ug/L		96	40 - 140	1	20
4-Methyl-2-pentanone (MIBK)	ND		125	129		ug/L		103	58 - 130	3	20
Naphthalene	ND		25.0	24.5		ug/L		98	56 - 140	1	20
N-Propylbenzene	ND		25.0	27.5		ug/L		110	60 - 140	2	20
Styrene	ND		25.0	25.9		ug/L		104	60 - 140	1	20
1,1,1,2-Tetrachloroethane	ND		25.0	26.7		ug/L		107	60 - 140	2	20
1,1,1,2,2-Tetrachloroethane	ND		25.0	27.9		ug/L		112	60 - 140	2	20
Tetrachloroethene	ND		25.0	22.8		ug/L		91	60 - 140	1	20
Toluene	ND		25.0	26.7		ug/L		107	60 - 140	1	20
1,2,3-Trichlorobenzene	ND		25.0	26.9		ug/L		108	60 - 140	0	20
1,2,4-Trichlorobenzene	ND		25.0	27.9		ug/L		111	60 - 140	1	20
1,1,1-Trichloroethane	ND		25.0	25.1		ug/L		100	60 - 140	0	20
1,1,2-Trichloroethane	ND		25.0	26.2		ug/L		105	60 - 140	2	20
Trichloroethene	ND		25.0	22.0		ug/L		88	60 - 140	0	20
Trichlorofluoromethane	ND		25.0	26.8		ug/L		107	60 - 140	1	20
1,2,3-Trichloropropane	ND		25.0	24.8		ug/L		99	60 - 140	2	20
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	19.4		ug/L		78	60 - 140	3	20
1,2,4-Trimethylbenzene	ND		25.0	26.1		ug/L		105	60 - 140	3	20
1,3,5-Trimethylbenzene	ND		25.0	26.6		ug/L		106	60 - 140	1	20
Vinyl acetate	ND		25.0	30.4		ug/L		122	40 - 140	3	20
Vinyl chloride	ND		25.0	22.7		ug/L		91	58 - 140	9	20
m-Xylene & p-Xylene	ND		25.0	27.2		ug/L		109	60 - 140	2	20
o-Xylene	ND		25.0	27.5		ug/L		110	60 - 140	2	20
2,2-Dichloropropane	ND		25.0	24.8		ug/L		99	60 - 140	0	20

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60420-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 720-60391-A-13 MSD

Matrix: Water

Analysis Batch: 168807

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

<i>Surrogate</i>	<i>MSD %Recovery</i>	<i>MSD Qualifier</i>	<i>Limits</i>
4-Bromofluorobenzene	113		67 - 130
1,2-Dichloroethane-d4 (Surr)	101		72 - 130
Toluene-d8 (Surr)	96		70 - 130

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 720-168593/1-A

Matrix: Water

Analysis Batch: 168588

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 168593

<i>Analyte</i>	<i>MB Result</i>	<i>MB Qualifier</i>	<i>RL</i>	<i>MDL</i>	<i>Unit</i>	<i>D</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
Phenol	ND		2.0		ug/L		10/10/14 10:11	10/11/14 00:57	1
Bis(2-chloroethyl)ether	ND		2.0		ug/L		10/10/14 10:11	10/11/14 00:57	1
2-Chlorophenol	ND		4.0		ug/L		10/10/14 10:11	10/11/14 00:57	1
1,3-Dichlorobenzene	ND		2.0		ug/L		10/10/14 10:11	10/11/14 00:57	1
1,4-Dichlorobenzene	ND		2.0		ug/L		10/10/14 10:11	10/11/14 00:57	1
Benzyl alcohol	ND		5.0		ug/L		10/10/14 10:11	10/11/14 00:57	1
1,2-Dichlorobenzene	ND		2.0		ug/L		10/10/14 10:11	10/11/14 00:57	1
2-Methylphenol	ND		4.0		ug/L		10/10/14 10:11	10/11/14 00:57	1
4-Methylphenol	ND		8.0		ug/L		10/10/14 10:11	10/11/14 00:57	1
N-Nitrosodi-n-propylamine	ND		2.0		ug/L		10/10/14 10:11	10/11/14 00:57	1
Hexachloroethane	ND		2.0		ug/L		10/10/14 10:11	10/11/14 00:57	1
Nitrobenzene	ND		2.0		ug/L		10/10/14 10:11	10/11/14 00:57	1
Isophorone	ND		4.0		ug/L		10/10/14 10:11	10/11/14 00:57	1
2-Nitrophenol	ND		2.0		ug/L		10/10/14 10:11	10/11/14 00:57	1
2,4-Dimethylphenol	ND		3.0		ug/L		10/10/14 10:11	10/11/14 00:57	1
Bis(2-chloroethoxy)methane	ND		5.0		ug/L		10/10/14 10:11	10/11/14 00:57	1
2,4-Dichlorophenol	ND		5.0		ug/L		10/10/14 10:11	10/11/14 00:57	1
1,2,4-Trichlorobenzene	ND		2.0		ug/L		10/10/14 10:11	10/11/14 00:57	1
Naphthalene	ND		2.0		ug/L		10/10/14 10:11	10/11/14 00:57	1
4-Chloroaniline	ND		2.0		ug/L		10/10/14 10:11	10/11/14 00:57	1
Hexachlorobutadiene	ND		2.0		ug/L		10/10/14 10:11	10/11/14 00:57	1
4-Chloro-3-methylphenol	ND		5.0		ug/L		10/10/14 10:11	10/11/14 00:57	1
2-Methylnaphthalene	ND		2.0		ug/L		10/10/14 10:11	10/11/14 00:57	1
Hexachlorocyclopentadiene	ND		5.0		ug/L		10/10/14 10:11	10/11/14 00:57	1
2,4,6-Trichlorophenol	ND		2.0		ug/L		10/10/14 10:11	10/11/14 00:57	1
2,4,5-Trichlorophenol	ND		4.0		ug/L		10/10/14 10:11	10/11/14 00:57	1
2-Chloronaphthalene	ND		4.0		ug/L		10/10/14 10:11	10/11/14 00:57	1
2-Nitroaniline	ND		10		ug/L		10/10/14 10:11	10/11/14 00:57	1
Dimethyl phthalate	ND		5.0		ug/L		10/10/14 10:11	10/11/14 00:57	1
Acenaphthylene	ND		4.0		ug/L		10/10/14 10:11	10/11/14 00:57	1
3-Nitroaniline	ND		5.0		ug/L		10/10/14 10:11	10/11/14 00:57	1
Acenaphthene	ND		2.0		ug/L		10/10/14 10:11	10/11/14 00:57	1
2,4-Dinitrophenol	ND		10		ug/L		10/10/14 10:11	10/11/14 00:57	1
4-Nitrophenol	ND		10		ug/L		10/10/14 10:11	10/11/14 00:57	1
Dibenzofuran	ND		4.0		ug/L		10/10/14 10:11	10/11/14 00:57	1
2,4-Dinitrotoluene	ND		4.0		ug/L		10/10/14 10:11	10/11/14 00:57	1
2,6-Dinitrotoluene	ND		5.0		ug/L		10/10/14 10:11	10/11/14 00:57	1

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60420-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 720-168593/1-A

Matrix: Water

Analysis Batch: 168588

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 168593

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	ND		5.0		ug/L		10/10/14 10:11	10/11/14 00:57	1
4-Chlorophenyl phenyl ether	ND		5.0		ug/L		10/10/14 10:11	10/11/14 00:57	1
Fluorene	ND		4.0		ug/L		10/10/14 10:11	10/11/14 00:57	1
4-Nitroaniline	ND		10		ug/L		10/10/14 10:11	10/11/14 00:57	1
2-Methyl-4,6-dinitrophenol	ND		10		ug/L		10/10/14 10:11	10/11/14 00:57	1
N-Nitrosodiphenylamine	ND		2.0		ug/L		10/10/14 10:11	10/11/14 00:57	1
4-Bromophenyl phenyl ether	ND		5.0		ug/L		10/10/14 10:11	10/11/14 00:57	1
Hexachlorobenzene	ND		2.0		ug/L		10/10/14 10:11	10/11/14 00:57	1
Pentachlorophenol	ND		10		ug/L		10/10/14 10:11	10/11/14 00:57	1
Phenanthrene	ND		2.0		ug/L		10/10/14 10:11	10/11/14 00:57	1
Anthracene	ND		2.0		ug/L		10/10/14 10:11	10/11/14 00:57	1
Di-n-butyl phthalate	ND		5.0		ug/L		10/10/14 10:11	10/11/14 00:57	1
Fluoranthene	ND		2.0		ug/L		10/10/14 10:11	10/11/14 00:57	1
Pyrene	ND		2.0		ug/L		10/10/14 10:11	10/11/14 00:57	1
Butyl benzyl phthalate	ND		5.0		ug/L		10/10/14 10:11	10/11/14 00:57	1
3,3'-Dichlorobenzidine	ND		5.0		ug/L		10/10/14 10:11	10/11/14 00:57	1
Benzo[a]anthracene	ND		5.0		ug/L		10/10/14 10:11	10/11/14 00:57	1
Bis(2-ethylhexyl) phthalate	ND		10		ug/L		10/10/14 10:11	10/11/14 00:57	1
Chrysene	ND		2.0		ug/L		10/10/14 10:11	10/11/14 00:57	1
Di-n-octyl phthalate	ND		5.0		ug/L		10/10/14 10:11	10/11/14 00:57	1
Benzo[b]fluoranthene	ND		2.0		ug/L		10/10/14 10:11	10/11/14 00:57	1
Benzo[a]pyrene	ND		2.0		ug/L		10/10/14 10:11	10/11/14 00:57	1
Benzo[k]fluoranthene	ND		2.0		ug/L		10/10/14 10:11	10/11/14 00:57	1
Indeno[1,2,3-cd]pyrene	ND		2.0		ug/L		10/10/14 10:11	10/11/14 00:57	1
Benzo[g,h,i]perylene	ND		2.0		ug/L		10/10/14 10:11	10/11/14 00:57	1
Benzoic acid	ND		10		ug/L		10/10/14 10:11	10/11/14 00:57	1
Azobenzene	ND		2.0		ug/L		10/10/14 10:11	10/11/14 00:57	1
Dibenz(a,h)anthracene	ND		2.0		ug/L		10/10/14 10:11	10/11/14 00:57	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	70		11 - 92	10/10/14 10:11	10/11/14 00:57	1
2-Fluorobiphenyl	66		10 - 101	10/10/14 10:11	10/11/14 00:57	1
Terphenyl-d14	79		34 - 128	10/10/14 10:11	10/11/14 00:57	1
2-Fluorophenol	32		10 - 65	10/10/14 10:11	10/11/14 00:57	1
Phenol-d5	18		10 - 46	10/10/14 10:11	10/11/14 00:57	1
2,4,6-Tribromophenol	82		17 - 115	10/10/14 10:11	10/11/14 00:57	1

Lab Sample ID: LCS 720-168593/2-A

Matrix: Water

Analysis Batch: 168588

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 168593

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Phenol	40.0	11.2		ug/L		28	10 - 115
Bis(2-chloroethyl)ether	40.0	27.9		ug/L		70	12 - 115
2-Chlorophenol	40.0	26.6		ug/L		67	14 - 115
1,3-Dichlorobenzene	40.0	26.1		ug/L		65	13 - 115
1,4-Dichlorobenzene	40.0	25.3		ug/L		63	14 - 115
Benzyl alcohol	40.0	23.1		ug/L		58	19 - 115

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60420-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 720-168593/2-A

Matrix: Water

Analysis Batch: 168588

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 168593

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichlorobenzene	40.0	25.7		ug/L		64	10 - 115
2-Methylphenol	40.0	23.3		ug/L		58	13 - 115
4-Methylphenol	40.0	21.1		ug/L		53	10 - 115
N-Nitrosodi-n-propylamine	40.0	26.8		ug/L		67	17 - 115
Hexachloroethane	40.0	25.8		ug/L		65	9 - 115
Nitrobenzene	40.0	27.8		ug/L		70	18 - 115
Isophorone	40.0	30.6		ug/L		76	18 - 134
2-Nitrophenol	40.0	27.5		ug/L		69	14 - 115
2,4-Dimethylphenol	40.0	26.6		ug/L		67	10 - 119
Bis(2-chloroethoxy)methane	40.0	29.1		ug/L		73	10 - 119
2,4-Dichlorophenol	40.0	26.6		ug/L		67	13 - 118
1,2,4-Trichlorobenzene	40.0	27.5		ug/L		69	10 - 115
Naphthalene	40.0	27.6		ug/L		69	12 - 115
4-Chloroaniline	40.0	26.4		ug/L		66	26 - 115
Hexachlorobutadiene	40.0	27.0		ug/L		68	12 - 115
4-Chloro-3-methylphenol	40.0	29.1		ug/L		73	19 - 128
2-Methylnaphthalene	40.0	28.2		ug/L		70	16 - 115
Hexachlorocyclopentadiene	40.0	24.0		ug/L		60	10 - 115
2,4,6-Trichlorophenol	40.0	30.0		ug/L		75	20 - 120
2,4,5-Trichlorophenol	40.0	32.8		ug/L		82	22 - 117
2-Chloronaphthalene	40.0	28.3		ug/L		71	17 - 115
2-Nitroaniline	40.0	32.1		ug/L		80	37 - 119
Dimethyl phthalate	40.0	33.3		ug/L		83	48 - 127
Acenaphthylene	40.0	29.5		ug/L		74	29 - 129
3-Nitroaniline	40.0	28.0		ug/L		70	40 - 115
Acenaphthene	40.0	29.5		ug/L		74	25 - 115
2,4-Dinitrophenol	80.0	58.7		ug/L		73	44 - 116
4-Nitrophenol	80.0	30.1		ug/L		38	20 - 115
Dibenzofuran	40.0	30.0		ug/L		75	28 - 115
2,4-Dinitrotoluene	40.0	34.0		ug/L		85	42 - 115
2,6-Dinitrotoluene	40.0	29.4		ug/L		73	46 - 119
Diethyl phthalate	40.0	32.8		ug/L		82	44 - 115
4-Chlorophenyl phenyl ether	40.0	31.2		ug/L		78	32 - 115
Fluorene	40.0	30.4		ug/L		76	39 - 115
4-Nitroaniline	40.0	31.6		ug/L		79	46 - 115
2-Methyl-4,6-dinitrophenol	80.0	63.7		ug/L		80	42 - 135
N-Nitrosodiphenylamine	40.0	31.1		ug/L		78	41 - 115
4-Bromophenyl phenyl ether	40.0	30.4		ug/L		76	42 - 115
Hexachlorobenzene	40.0	31.5		ug/L		79	49 - 115
Pentachlorophenol	80.0	60.9		ug/L		76	42 - 121
Phenanthrene	40.0	32.2		ug/L		81	54 - 115
Anthracene	40.0	30.6		ug/L		77	54 - 115
Di-n-butyl phthalate	40.0	33.4		ug/L		83	58 - 115
Fluoranthene	40.0	33.8		ug/L		84	65 - 115
Pyrene	40.0	26.5		ug/L		66	53 - 115
Butyl benzyl phthalate	40.0	27.8		ug/L		69	37 - 115
3,3'-Dichlorobenzidine	40.0	18.5		ug/L		46	24 - 110
Benzo[a]anthracene	40.0	32.4		ug/L		81	56 - 115

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60420-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 720-168593/2-A

Matrix: Water

Analysis Batch: 168588

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 168593

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bis(2-ethylhexyl) phthalate	40.0	31.4		ug/L		78	59 - 115
Chrysene	40.0	29.7		ug/L		74	50 - 115
Di-n-octyl phthalate	40.0	32.8		ug/L		82	12 - 115
Benzo[b]fluoranthene	40.0	41.5		ug/L		104	50 - 115
Benzo[a]pyrene	40.0	39.4		ug/L		99	55 - 115
Benzo[k]fluoranthene	40.0	42.7		ug/L		107	60 - 115
Indeno[1,2,3-cd]pyrene	40.0	32.8		ug/L		82	49 - 117
Benzo[g,h,i]perylene	40.0	32.9		ug/L		82	54 - 115
Benzoic acid	40.0	8.37	J	ug/L		21	10 - 115
Azobenzene	40.0	29.4		ug/L		74	42 - 115
Dibenz(a,h)anthracene	40.0	32.3		ug/L		81	47 - 127

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Nitrobenzene-d5	76		11 - 92
2-Fluorobiphenyl	81		10 - 101
Terphenyl-d14	78		34 - 128
2-Fluorophenol	39		10 - 65
Phenol-d5	22		10 - 46
2,4,6-Tribromophenol	95		17 - 115

Lab Sample ID: LCSD 720-168593/3-A

Matrix: Water

Analysis Batch: 168588

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 168593

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Phenol	40.0	10.3		ug/L		26	10 - 115	9	51
Bis(2-chloroethyl)ether	40.0	28.0		ug/L		70	12 - 115	0	35
2-Chlorophenol	40.0	23.5		ug/L		59	14 - 115	12	40
1,3-Dichlorobenzene	40.0	23.5		ug/L		59	13 - 115	10	40
1,4-Dichlorobenzene	40.0	22.8		ug/L		57	14 - 115	10	41
Benzyl alcohol	40.0	21.5		ug/L		54	19 - 115	7	35
1,2-Dichlorobenzene	40.0	23.3		ug/L		58	10 - 115	10	35
2-Methylphenol	40.0	21.2		ug/L		53	13 - 115	9	35
4-Methylphenol	40.0	19.4		ug/L		48	10 - 115	9	35
N-Nitrosodi-n-propylamine	40.0	25.6		ug/L		64	17 - 115	5	34
Hexachloroethane	40.0	23.5		ug/L		59	9 - 115	9	35
Nitrobenzene	40.0	25.3		ug/L		63	18 - 115	10	43
Isophorone	40.0	28.3		ug/L		71	18 - 134	8	39
2-Nitrophenol	40.0	25.3		ug/L		63	14 - 115	8	46
2,4-Dimethylphenol	40.0	23.7		ug/L		59	10 - 119	11	44
Bis(2-chloroethoxy)methane	40.0	26.5		ug/L		66	10 - 119	9	46
2,4-Dichlorophenol	40.0	23.9		ug/L		60	13 - 118	11	38
1,2,4-Trichlorobenzene	40.0	24.4		ug/L		61	10 - 115	12	51
Naphthalene	40.0	24.5		ug/L		61	12 - 115	12	42
4-Chloroaniline	40.0	25.3		ug/L		63	26 - 115	4	49
Hexachlorobutadiene	40.0	23.7		ug/L		59	12 - 115	13	46
4-Chloro-3-methylphenol	40.0	27.9		ug/L		70	19 - 128	4	40
2-Methylnaphthalene	40.0	25.1		ug/L		63	16 - 115	12	45

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60420-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 720-168593/3-A

Matrix: Water

Analysis Batch: 168588

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 168593

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec.		RPD	Limit
							Limits	RPD		
Hexachlorocyclopentadiene	40.0	21.8		ug/L		55	10 - 115	10	63	
2,4,6-Trichlorophenol	40.0	28.3		ug/L		71	20 - 120	6	43	
2,4,5-Trichlorophenol	40.0	29.9		ug/L		75	22 - 117	9	41	
2-Chloronaphthalene	40.0	25.5		ug/L		64	17 - 115	10	49	
2-Nitroaniline	40.0	31.9		ug/L		80	37 - 119	1	29	
Dimethyl phthalate	40.0	33.7		ug/L		84	48 - 127	1	29	
Acenaphthylene	40.0	27.6		ug/L		69	29 - 129	7	40	
3-Nitroaniline	40.0	29.1		ug/L		73	40 - 115	4	30	
Acenaphthene	40.0	27.8		ug/L		69	25 - 115	6	40	
2,4-Dinitrophenol	80.0	60.6		ug/L		76	44 - 116	3	21	
4-Nitrophenol	80.0	29.1		ug/L		36	20 - 115	4	32	
Dibenzofuran	40.0	28.4		ug/L		71	28 - 115	5	46	
2,4-Dinitrotoluene	40.0	34.4		ug/L		86	42 - 115	1	19	
2,6-Dinitrotoluene	40.0	29.2		ug/L		73	46 - 119	0	26	
Diethyl phthalate	40.0	33.1		ug/L		83	44 - 115	1	24	
4-Chlorophenyl phenyl ether	40.0	30.5		ug/L		76	32 - 115	2	38	
Fluorene	40.0	30.2		ug/L		75	39 - 115	1	39	
4-Nitroaniline	40.0	31.4		ug/L		78	46 - 115	1	23	
2-Methyl-4,6-dinitrophenol	80.0	64.7		ug/L		81	42 - 135	2	19	
N-Nitrosodiphenylamine	40.0	31.7		ug/L		79	41 - 115	2	27	
4-Bromophenyl phenyl ether	40.0	31.3		ug/L		78	42 - 115	3	29	
Hexachlorobenzene	40.0	31.4		ug/L		79	49 - 115	0	28	
Pentachlorophenol	80.0	62.0		ug/L		77	42 - 121	2	22	
Phenanthrene	40.0	33.1		ug/L		83	54 - 115	3	35	
Anthracene	40.0	31.9		ug/L		80	54 - 115	4	25	
Di-n-butyl phthalate	40.0	34.4		ug/L		86	58 - 115	3	26	
Fluoranthene	40.0	34.7		ug/L		87	65 - 115	3	26	
Pyrene	40.0	26.0		ug/L		65	53 - 115	2	22	
Butyl benzyl phthalate	40.0	27.8		ug/L		70	37 - 115	0	21	
3,3'-Dichlorobenzidine	40.0	20.4		ug/L		51	24 - 110	10	30	
Benzo[a]anthracene	40.0	32.9		ug/L		82	56 - 115	1	24	
Bis(2-ethylhexyl) phthalate	40.0	33.0		ug/L		82	59 - 115	5	30	
Chrysene	40.0	30.7		ug/L		77	50 - 115	4	24	
Di-n-octyl phthalate	40.0	33.3		ug/L		83	12 - 115	2	27	
Benzo[b]fluoranthene	40.0	41.9		ug/L		105	50 - 115	1	31	
Benzo[a]pyrene	40.0	40.7		ug/L		102	55 - 115	3	23	
Benzo[k]fluoranthene	40.0	42.4		ug/L		106	60 - 115	1	39	
Indeno[1,2,3-cd]pyrene	40.0	31.9		ug/L		80	49 - 117	3	19	
Benzo[g,h,i]perylene	40.0	32.1		ug/L		80	54 - 115	2	35	
Benzoic acid	40.0	7.30 J		ug/L		18	10 - 115	14	56	
Azobenzene	40.0	29.1		ug/L		73	42 - 115	1	35	
Dibenz(a,h)anthracene	40.0	31.6		ug/L		79	47 - 127	2	35	

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
Nitrobenzene-d5	69		11 - 92
2-Fluorobiphenyl	72		10 - 101
Terphenyl-d14	80		34 - 128
2-Fluorophenol	33		10 - 65

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60420-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 720-168593/3-A

Matrix: Water

Analysis Batch: 168588

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 168593

<i>Surrogate</i>	<i>LCSD %Recovery</i>	<i>LCSD Qualifier</i>	<i>Limits</i>
<i>Phenol-d5</i>	20		10 - 46
<i>2,4,6-Tribromophenol</i>	94		17 - 115

Lab Sample ID: 720-60391-C-9-C MS

Matrix: Water

Analysis Batch: 168588

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 168593

Analyte	Sample Result	Sample Qualifier	Spike Added	MS MS		Unit	D	%Rec	%Rec. Limits
				Result	Qualifier				
Phenol	ND		42.4	8.44		ug/L		20	12 - 115
Bis(2-chloroethyl)ether	ND		42.4	22.8		ug/L		54	43 - 126
2-Chlorophenol	ND		42.4	19.7		ug/L		46	23 - 134
1,3-Dichlorobenzene	ND		42.4	19.8		ug/L		47	17 - 153
1,4-Dichlorobenzene	ND		42.4	19.2		ug/L		45	36 - 115
Benzyl alcohol	ND		42.4	18.0		ug/L		42	10 - 130
1,2-Dichlorobenzene	ND		42.4	19.5	F1	ug/L		46	49 - 115
2-Methylphenol	ND		42.4	17.7		ug/L		42	10 - 130
4-Methylphenol	ND		42.4	16.3		ug/L		38	10 - 130
N-Nitrosodi-n-propylamine	ND		42.4	21.3		ug/L		50	10 - 130
Hexachloroethane	ND		42.4	19.2	F1	ug/L		45	55 - 100
Nitrobenzene	ND		42.4	19.8	F1	ug/L		47	55 - 157
Isophorone	ND		42.4	22.8		ug/L		54	47 - 180
2-Nitrophenol	ND		42.4	21.3		ug/L		50	45 - 166
2,4-Dimethylphenol	ND		42.4	20.4		ug/L		48	42 - 109
Bis(2-chloroethoxy)methane	ND		42.4	21.3		ug/L		50	43 - 164
2,4-Dichlorophenol	ND		42.4	19.7	F1	ug/L		46	53 - 121
1,2,4-Trichlorobenzene	ND		42.4	20.1		ug/L		47	44 - 142
Naphthalene	ND		42.4	20.4		ug/L		48	36 - 119
4-Chloroaniline	ND		42.4	20.5		ug/L		48	10 - 130
Hexachlorobutadiene	ND		42.4	19.0		ug/L		45	38 - 115
4-Chloro-3-methylphenol	ND		42.4	23.3		ug/L		55	22 - 147
2-Methylnaphthalene	ND		42.4	20.5		ug/L		48	10 - 130
Hexachlorocyclopentadiene	ND		42.4	16.3		ug/L		38	10 - 130
2,4,6-Trichlorophenol	ND		42.4	24.0		ug/L		57	55 - 129
2,4,5-Trichlorophenol	ND		42.4	25.7		ug/L		61	20 - 120
2-Chloronaphthalene	ND		42.4	21.5		ug/L		51	10 - 130
2-Nitroaniline	ND		42.4	27.7		ug/L		65	10 - 130
Dimethyl phthalate	ND		42.4	29.3		ug/L		69	10 - 130
Acenaphthylene	ND		42.4	22.8		ug/L		54	54 - 126
3-Nitroaniline	ND		42.4	26.4		ug/L		62	10 - 130
Acenaphthene	ND		42.4	22.9	F1	ug/L		54	56 - 118
2,4-Dinitrophenol	ND		84.9	60.4		ug/L		71	10 - 130
4-Nitrophenol	ND		84.9	31.5		ug/L		37	1 - 132
Dibenzofuran	ND		42.4	23.5		ug/L		55	10 - 130
2,4-Dinitrotoluene	ND		42.4	33.3		ug/L		78	39 - 139
2,6-Dinitrotoluene	ND		42.4	24.9		ug/L		59	10 - 130
Diethyl phthalate	ND		42.4	29.3		ug/L		69	10 - 130
4-Chlorophenyl phenyl ether	ND		42.4	25.4		ug/L		60	39 - 144
Fluorene	ND		42.4	25.1	F1	ug/L		59	72 - 115

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60420-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 720-60391-C-9-C MS

Matrix: Water

Analysis Batch: 168588

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 168593

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier	Added	Result	Qualifier				
4-Nitroaniline	ND		42.4	32.7		ug/L		77	10 - 130
2-Methyl-4,6-dinitrophenol	ND		84.9	66.6		ug/L		78	53 - 115
N-Nitrosodiphenylamine	ND		42.4	30.6		ug/L		72	14 - 170
4-Bromophenyl phenyl ether	ND		42.4	27.6		ug/L		65	10 - 130
Hexachlorobenzene	ND		42.4	28.7		ug/L		68	8 - 140
Pentachlorophenol	ND		84.9	67.3		ug/L		79	45 - 125
Phenanthrene	ND		42.4	32.1		ug/L		76	44 - 125
Anthracene	ND		42.4	29.2		ug/L		69	44 - 118
Di-n-butyl phthalate	ND		42.4	33.5		ug/L		79	9 - 115
Fluoranthene	ND		42.4	33.6		ug/L		79	43 - 121
Pyrene	ND		42.4	26.8		ug/L		63	52 - 115
Butyl benzyl phthalate	ND		42.4	28.3		ug/L		67	10 - 139
3,3'-Dichlorobenzidine	ND		42.4	17.3		ug/L		41	9 - 150
Benzo[a]anthracene	ND		42.4	33.3		ug/L		79	42 - 133
Bis(2-ethylhexyl) phthalate	ND		42.4	33.4		ug/L		79	29 - 136
Chrysene	ND		42.4	30.8		ug/L		72	42 - 139
Di-n-octyl phthalate	ND		42.4	33.0		ug/L		78	10 - 130
Benzo[b]fluoranthene	ND		42.4	41.5		ug/L		98	42 - 140
Benzo[a]pyrene	ND		42.4	40.5		ug/L		95	32 - 148
Benzo[k]fluoranthene	ND		42.4	43.5		ug/L		103	26 - 145
Indeno[1,2,3-cd]pyrene	ND		42.4	33.3		ug/L		78	10 - 150
Benzo[g,h,i]perylene	ND		42.4	33.8		ug/L		80	10 - 140
Benzoic acid	ND		42.4	ND		ug/L		15	10 - 130
Azobenzene	ND		42.4	25.0		ug/L		59	12 - 115
Dibenz(a,h)anthracene	ND		42.4	33.0		ug/L		78	10 - 130

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
Nitrobenzene-d5	53		11 - 92
2-Fluorobiphenyl	55		10 - 101
Terphenyl-d14	73		34 - 128
2-Fluorophenol	26		10 - 65
Phenol-d5	17		10 - 46
2,4,6-Tribromophenol	84		17 - 115

Lab Sample ID: 720-60391-C-9-D MSD

Matrix: Water

Analysis Batch: 168588

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 168593

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
	Result	Qualifier	Added	Result	Qualifier						
Phenol	ND		46.5	10.7		ug/L		23	12 - 115	24	35
Bis(2-chloroethyl)ether	ND		46.5	25.9		ug/L		56	43 - 126	13	35
2-Chlorophenol	ND		46.5	23.7		ug/L		51	23 - 134	18	25
1,3-Dichlorobenzene	ND		46.5	23.0		ug/L		49	17 - 153	15	35
1,4-Dichlorobenzene	ND		46.5	22.3		ug/L		48	36 - 115	15	30
Benzyl alcohol	ND		46.5	21.3		ug/L		46	10 - 130	17	35
1,2-Dichlorobenzene	ND		46.5	22.5	F1	ug/L		48	49 - 115	14	35
2-Methylphenol	ND		46.5	21.3		ug/L		46	10 - 130	19	35
4-Methylphenol	ND		46.5	20.0		ug/L		43	10 - 130	20	35

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60420-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 720-60391-C-9-D MSD

Matrix: Water

Analysis Batch: 168588

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 168593

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		Limit
N-Nitrosodi-n-propylamine	ND		46.5	24.1		ug/L		52	10 - 130	12	34
Hexachloroethane	ND		46.5	22.8	F1	ug/L		49	55 - 100	17	35
Nitrobenzene	ND		46.5	25.3		ug/L		55	55 - 157	24	35
Isophorone	ND		46.5	27.3		ug/L		59	47 - 180	18	35
2-Nitrophenol	ND		46.5	25.3		ug/L		55	45 - 166	18	35
2,4-Dimethylphenol	ND		46.5	24.9		ug/L		54	42 - 109	20	35
Bis(2-chloroethoxy)methane	ND		46.5	25.8		ug/L		55	43 - 164	19	35
2,4-Dichlorophenol	ND		46.5	23.7	F1	ug/L		51	53 - 121	18	35
1,2,4-Trichlorobenzene	ND		46.5	23.6		ug/L		51	44 - 142	16	35
Naphthalene	ND		46.5	23.9		ug/L		51	36 - 119	16	35
4-Chloroaniline	ND		46.5	24.1		ug/L		52	10 - 130	16	35
Hexachlorobutadiene	ND		46.5	22.2		ug/L		48	38 - 115	15	35
4-Chloro-3-methylphenol	ND		46.5	27.5		ug/L		59	22 - 147	16	31
2-Methylnaphthalene	ND		46.5	24.5		ug/L		53	10 - 130	18	35
Hexachlorocyclopentadiene	ND		46.5	20.2		ug/L		43	10 - 130	21	35
2,4,6-Trichlorophenol	ND		46.5	27.6		ug/L		59	55 - 129	14	35
2,4,5-Trichlorophenol	ND		46.5	29.9		ug/L		64	20 - 120	15	35
2-Chloronaphthalene	ND		46.5	25.9		ug/L		56	10 - 130	18	35
2-Nitroaniline	ND		46.5	30.8		ug/L		66	10 - 130	10	35
Dimethyl phthalate	ND		46.5	33.5		ug/L		72	10 - 130	13	35
Acenaphthylene	ND		46.5	26.5		ug/L		57	54 - 126	15	35
3-Nitroaniline	ND		46.5	29.3		ug/L		63	10 - 130	11	35
Acenaphthene	ND		46.5	27.2		ug/L		58	56 - 118	17	30
2,4-Dinitrophenol	ND		92.9	66.7		ug/L		72	10 - 130	10	35
4-Nitrophenol	ND		92.9	37.4		ug/L		40	1 - 132	17	35
Dibenzofuran	ND		46.5	27.3		ug/L		59	10 - 130	15	35
2,4-Dinitrotoluene	ND		46.5	36.6		ug/L		79	39 - 139	9	35
2,6-Dinitrotoluene	ND		46.5	27.9		ug/L		60	10 - 130	11	35
Diethyl phthalate	ND		46.5	32.5		ug/L		70	10 - 130	10	35
4-Chlorophenyl phenyl ether	ND		46.5	29.4		ug/L		63	39 - 144	14	35
Fluorene	ND		46.5	28.7	F1	ug/L		62	72 - 115	13	35
4-Nitroaniline	ND		46.5	34.8		ug/L		75	10 - 130	6	35
2-Methyl-4,6-dinitrophenol	ND		92.9	69.7		ug/L		75	53 - 115	5	35
N-Nitrosodiphenylamine	ND		46.5	33.3		ug/L		72	14 - 170	9	35
4-Bromophenyl phenyl ether	ND		46.5	30.8		ug/L		66	10 - 130	11	35
Hexachlorobenzene	ND		46.5	31.2		ug/L		67	8 - 140	8	35
Pentachlorophenol	ND		92.9	72.8		ug/L		78	45 - 125	8	35
Phenanthrene	ND		46.5	34.7		ug/L		75	44 - 125	8	35
Anthracene	ND		46.5	31.9		ug/L		69	44 - 118	9	35
Di-n-butyl phthalate	ND		46.5	36.7		ug/L		79	9 - 115	9	35
Fluoranthene	ND		46.5	36.2		ug/L		78	43 - 121	8	35
Pyrene	ND		46.5	29.0		ug/L		62	52 - 115	8	35
Butyl benzyl phthalate	ND		46.5	30.5		ug/L		66	10 - 139	7	35
3,3'-Dichlorobenzidine	ND		46.5	19.5		ug/L		42	9 - 150	11	35
Benzo[a]anthracene	ND		46.5	35.8		ug/L		77	42 - 133	7	35
Bis(2-ethylhexyl) phthalate	ND		46.5	35.5		ug/L		76	29 - 136	6	35
Chrysene	ND		46.5	33.8		ug/L		73	42 - 139	9	35
Di-n-octyl phthalate	ND		46.5	35.8		ug/L		77	10 - 130	8	35

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60420-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 720-60391-C-9-D MSD

Matrix: Water

Analysis Batch: 168588

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 168593

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzo[b]fluoranthene	ND		46.5	47.6		ug/L		102	42 - 140	14	35
Benzo[a]pyrene	ND		46.5	43.5		ug/L		94	32 - 148	7	35
Benzo[k]fluoranthene	ND		46.5	44.6		ug/L		96	26 - 145	2	35
Indeno[1,2,3-cd]pyrene	ND		46.5	37.0		ug/L		80	10 - 150	10	35
Benzo[g,h,i]perylene	ND		46.5	37.1		ug/L		80	10 - 140	9	35
Benzoic acid	ND		46.5	ND		ug/L		16	10 - 130	17	35
Azobenzene	ND		46.5	28.4		ug/L		61	12 - 115	13	35
Dibenz(a,h)anthracene	ND		46.5	36.5		ug/L		78	10 - 130	10	35

Surrogate	MSD %Recovery	MSD Qualifier	MSD Limits
Nitrobenzene-d5	58		11 - 92
2-Fluorobiphenyl	61		10 - 101
Terphenyl-d14	72		34 - 128
2-Fluorophenol	30		10 - 65
Phenol-d5	18		10 - 46
2,4,6-Tribromophenol	81		17 - 115

Lab Sample ID: MB 720-168778/1-A

Matrix: Water

Analysis Batch: 168855

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 168778

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Bis(2-chloroethyl)ether	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
2-Chlorophenol	ND		4.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
1,3-Dichlorobenzene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
1,4-Dichlorobenzene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Benzyl alcohol	ND		5.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
1,2-Dichlorobenzene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
2-Methylphenol	ND		4.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
4-Methylphenol	ND		8.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
N-Nitrosodi-n-propylamine	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Hexachloroethane	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Nitrobenzene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Isophorone	ND		4.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
2-Nitrophenol	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
2,4-Dimethylphenol	ND		3.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Bis(2-chloroethoxy)methane	ND		5.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
2,4-Dichlorophenol	ND		5.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
1,2,4-Trichlorobenzene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Naphthalene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
4-Chloroaniline	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Hexachlorobutadiene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
4-Chloro-3-methylphenol	ND		5.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
2-Methylnaphthalene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Hexachlorocyclopentadiene	ND		5.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
2,4,6-Trichlorophenol	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
2,4,5-Trichlorophenol	ND		4.0		ug/L		10/14/14 10:04	10/15/14 17:11	1

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60420-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 720-168778/1-A

Matrix: Water

Analysis Batch: 168855

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 168778

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chloronaphthalene	ND		4.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
2-Nitroaniline	ND		10		ug/L		10/14/14 10:04	10/15/14 17:11	1
Dimethyl phthalate	ND		5.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Acenaphthylene	ND		4.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
3-Nitroaniline	ND		5.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Acenaphthene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
2,4-Dinitrophenol	ND		10		ug/L		10/14/14 10:04	10/15/14 17:11	1
4-Nitrophenol	ND		10		ug/L		10/14/14 10:04	10/15/14 17:11	1
Dibenzofuran	ND		4.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
2,4-Dinitrotoluene	ND		4.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
2,6-Dinitrotoluene	ND		5.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Diethyl phthalate	ND		5.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
4-Chlorophenyl phenyl ether	ND		5.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Fluorene	ND		4.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
4-Nitroaniline	ND		10		ug/L		10/14/14 10:04	10/15/14 17:11	1
2-Methyl-4,6-dinitrophenol	ND		10		ug/L		10/14/14 10:04	10/15/14 17:11	1
N-Nitrosodiphenylamine	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
4-Bromophenyl phenyl ether	ND		5.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Hexachlorobenzene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Pentachlorophenol	ND		10		ug/L		10/14/14 10:04	10/15/14 17:11	1
Phenanthrene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Anthracene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Di-n-butyl phthalate	ND		5.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Fluoranthene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Pyrene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Butyl benzyl phthalate	ND		5.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
3,3'-Dichlorobenzidine	ND		5.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Benzo[a]anthracene	ND		5.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Bis(2-ethylhexyl) phthalate	ND		10		ug/L		10/14/14 10:04	10/15/14 17:11	1
Chrysene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Di-n-octyl phthalate	ND		5.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Benzo[b]fluoranthene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Benzo[a]pyrene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Benzo[k]fluoranthene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Indeno[1,2,3-cd]pyrene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Benzo[g,h,i]perylene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Benzoic acid	ND		10		ug/L		10/14/14 10:04	10/15/14 17:11	1
Azobenzene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Dibenz(a,h)anthracene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	46		11 - 92	10/14/14 10:04	10/15/14 17:11	1
2-Fluorobiphenyl	46		10 - 101	10/14/14 10:04	10/15/14 17:11	1
Terphenyl-d14	75		34 - 128	10/14/14 10:04	10/15/14 17:11	1
2-Fluorophenol	23		10 - 65	10/14/14 10:04	10/15/14 17:11	1
Phenol-d5	13		10 - 46	10/14/14 10:04	10/15/14 17:11	1
2,4,6-Tribromophenol	44		17 - 115	10/14/14 10:04	10/15/14 17:11	1

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60420-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 720-168778/2-A

Matrix: Water

Analysis Batch: 168855

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 168778

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Phenol	40.0	5.72		ug/L		14	10 - 115
Bis(2-chloroethyl)ether	40.0	14.2		ug/L		35	12 - 115
2-Chlorophenol	40.0	11.2		ug/L		28	14 - 115
1,3-Dichlorobenzene	40.0	11.8		ug/L		30	13 - 115
1,4-Dichlorobenzene	40.0	11.8		ug/L		30	14 - 115
Benzyl alcohol	40.0	12.8		ug/L		32	19 - 115
1,2-Dichlorobenzene	40.0	12.0		ug/L		30	10 - 115
2-Methylphenol	40.0	11.7		ug/L		29	13 - 115
4-Methylphenol	40.0	10.4		ug/L		26	10 - 115
N-Nitrosodi-n-propylamine	40.0	13.8		ug/L		35	17 - 115
Hexachloroethane	40.0	11.9		ug/L		30	9 - 115
Nitrobenzene	40.0	13.6		ug/L		34	18 - 115
Isophorone	40.0	14.7		ug/L		37	18 - 134
2-Nitrophenol	40.0	13.6		ug/L		34	14 - 115
2,4-Dimethylphenol	40.0	13.7		ug/L		34	10 - 119
Bis(2-chloroethoxy)methane	40.0	13.5		ug/L		34	10 - 119
2,4-Dichlorophenol	40.0	12.9		ug/L		32	13 - 118
1,2,4-Trichlorobenzene	40.0	12.4		ug/L		31	10 - 115
Naphthalene	40.0	12.9		ug/L		32	12 - 115
4-Chloroaniline	40.0	19.7		ug/L		49	26 - 115
Hexachlorobutadiene	40.0	11.7		ug/L		29	12 - 115
4-Chloro-3-methylphenol	40.0	14.7		ug/L		37	19 - 128
2-Methylnaphthalene	40.0	13.3		ug/L		33	16 - 115
Hexachlorocyclopentadiene	40.0	10.4		ug/L		26	10 - 115
2,4,6-Trichlorophenol	40.0	15.7		ug/L		39	20 - 120
2,4,5-Trichlorophenol	40.0	16.7		ug/L		42	22 - 117
2-Chloronaphthalene	40.0	14.7		ug/L		37	17 - 115
2-Nitroaniline	40.0	21.2		ug/L		53	37 - 119
Dimethyl phthalate	40.0	23.3		ug/L		58	48 - 127
Acenaphthylene	40.0	15.6		ug/L		39	29 - 129
3-Nitroaniline	40.0	23.3		ug/L		58	40 - 115
Acenaphthene	40.0	15.8		ug/L		39	25 - 115
2,4-Dinitrophenol	80.0	49.7		ug/L		62	44 - 116
4-Nitrophenol	80.0	26.5		ug/L		33	20 - 115
Dibenzofuran	40.0	16.6		ug/L		42	28 - 115
2,4-Dinitrotoluene	40.0	27.9		ug/L		70	42 - 115
2,6-Dinitrotoluene	40.0	21.8		ug/L		54	46 - 119
Diethyl phthalate	40.0	27.3		ug/L		68	44 - 115
4-Chlorophenyl phenyl ether	40.0	20.0		ug/L		50	32 - 115
Fluorene	40.0	18.6		ug/L		46	39 - 115
4-Nitroaniline	40.0	30.5		ug/L		76	46 - 115
2-Methyl-4,6-dinitrophenol	80.0	58.6		ug/L		73	42 - 135
N-Nitrosodiphenylamine	40.0	23.9		ug/L		60	41 - 115
4-Bromophenyl phenyl ether	40.0	20.9		ug/L		52	42 - 115
Hexachlorobenzene	40.0	22.5		ug/L		56	49 - 115
Pentachlorophenol	80.0	57.2		ug/L		71	42 - 121
Phenanthrene	40.0	25.3		ug/L		63	54 - 115
Anthracene	40.0	26.1		ug/L		65	54 - 115

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60420-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 720-168778/2-A

Matrix: Water

Analysis Batch: 168855

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 168778

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Di-n-butyl phthalate	40.0	29.1		ug/L		73	58 - 115
Fluoranthene	40.0	28.5		ug/L		71	65 - 115
Pyrene	40.0	29.7		ug/L		74	53 - 115
Butyl benzyl phthalate	40.0	30.6		ug/L		76	37 - 115
3,3'-Dichlorobenzidine	40.0	19.3		ug/L		48	24 - 110
Benzo[a]anthracene	40.0	29.0		ug/L		73	56 - 115
Bis(2-ethylhexyl) phthalate	40.0	30.9		ug/L		77	59 - 115
Chrysene	40.0	28.1		ug/L		70	50 - 115
Di-n-octyl phthalate	40.0	30.4		ug/L		76	12 - 115
Benzo[b]fluoranthene	40.0	31.1		ug/L		78	50 - 115
Benzo[a]pyrene	40.0	29.7		ug/L		74	55 - 115
Benzo[k]fluoranthene	40.0	30.2		ug/L		75	60 - 115
Indeno[1,2,3-cd]pyrene	40.0	31.1		ug/L		78	49 - 117
Benzo[g,h,i]perylene	40.0	32.2		ug/L		81	54 - 115
Benzoic acid	40.0	7.10	J	ug/L		18	10 - 115
Azobenzene	40.0	20.8		ug/L		52	42 - 115
Dibenz(a,h)anthracene	40.0	31.9		ug/L		80	47 - 127

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Nitrobenzene-d5	35		11 - 92
2-Fluorobiphenyl	35		10 - 101
Terphenyl-d14	77		34 - 128
2-Fluorophenol	17		10 - 65
Phenol-d5	10		10 - 46
2,4,6-Tribromophenol	57		17 - 115

Lab Sample ID: LCSD 720-168778/3-A

Matrix: Water

Analysis Batch: 168855

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 168778

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Phenol	40.0	6.08		ug/L		15	10 - 115	6	51
Bis(2-chloroethyl)ether	40.0	15.4		ug/L		38	12 - 115	8	35
2-Chlorophenol	40.0	12.2		ug/L		31	14 - 115	9	40
1,3-Dichlorobenzene	40.0	12.9		ug/L		32	13 - 115	9	40
1,4-Dichlorobenzene	40.0	13.2		ug/L		33	14 - 115	11	41
Benzyl alcohol	40.0	13.8		ug/L		34	19 - 115	7	35
1,2-Dichlorobenzene	40.0	13.5		ug/L		34	10 - 115	12	35
2-Methylphenol	40.0	12.6		ug/L		32	13 - 115	8	35
4-Methylphenol	40.0	11.7		ug/L		29	10 - 115	12	35
N-Nitrosodi-n-propylamine	40.0	15.2		ug/L		38	17 - 115	9	34
Hexachloroethane	40.0	12.9		ug/L		32	9 - 115	8	35
Nitrobenzene	40.0	15.4		ug/L		38	18 - 115	12	43
Isophorone	40.0	16.4		ug/L		41	18 - 134	11	39
2-Nitrophenol	40.0	15.1		ug/L		38	14 - 115	11	46
2,4-Dimethylphenol	40.0	14.5		ug/L		36	10 - 119	5	44
Bis(2-chloroethoxy)methane	40.0	15.2		ug/L		38	10 - 119	12	46
2,4-Dichlorophenol	40.0	14.1		ug/L		35	13 - 118	9	38

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60420-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 720-168778/3-A

Matrix: Water

Analysis Batch: 168855

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 168778

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec.		RPD	Limit
							Limits	RPD		
1,2,4-Trichlorobenzene	40.0	13.7		ug/L		34	10 - 115	10	51	
Naphthalene	40.0	14.2		ug/L		36	12 - 115	10	42	
4-Chloroaniline	40.0	19.1		ug/L		48	26 - 115	3	49	
Hexachlorobutadiene	40.0	12.7		ug/L		32	12 - 115	9	46	
4-Chloro-3-methylphenol	40.0	16.6		ug/L		41	19 - 128	12	40	
2-Methylnaphthalene	40.0	14.6		ug/L		36	16 - 115	9	45	
Hexachlorocyclopentadiene	40.0	11.4		ug/L		29	10 - 115	9	63	
2,4,6-Trichlorophenol	40.0	18.3		ug/L		46	20 - 120	15	43	
2,4,5-Trichlorophenol	40.0	19.9		ug/L		50	22 - 117	17	41	
2-Chloronaphthalene	40.0	16.2		ug/L		41	17 - 115	10	49	
2-Nitroaniline	40.0	24.2		ug/L		60	37 - 119	13	29	
Dimethyl phthalate	40.0	24.8		ug/L		62	48 - 127	6	29	
Acenaphthylene	40.0	17.9		ug/L		45	29 - 129	13	40	
3-Nitroaniline	40.0	24.0		ug/L		60	40 - 115	3	30	
Acenaphthene	40.0	18.3		ug/L		46	25 - 115	15	40	
2,4-Dinitrophenol	80.0	51.6		ug/L		65	44 - 116	4	21	
4-Nitrophenol	80.0	28.2		ug/L		35	20 - 115	6	32	
Dibenzofuran	40.0	19.5		ug/L		49	28 - 115	16	46	
2,4-Dinitrotoluene	40.0	29.9		ug/L		75	42 - 115	7	19	
2,6-Dinitrotoluene	40.0	24.4		ug/L		61	46 - 119	12	26	
Diethyl phthalate	40.0	28.2		ug/L		70	44 - 115	3	24	
4-Chlorophenyl phenyl ether	40.0	22.7		ug/L		57	32 - 115	12	38	
Fluorene	40.0	21.4		ug/L		53	39 - 115	14	39	
4-Nitroaniline	40.0	30.9		ug/L		77	46 - 115	1	23	
2-Methyl-4,6-dinitrophenol	80.0	60.4		ug/L		76	42 - 135	3	19	
N-Nitrosodiphenylamine	40.0	25.6		ug/L		64	41 - 115	7	27	
4-Bromophenyl phenyl ether	40.0	23.1		ug/L		58	42 - 115	10	29	
Hexachlorobenzene	40.0	24.7		ug/L		62	49 - 115	9	28	
Pentachlorophenol	80.0	57.8		ug/L		72	42 - 121	1	22	
Phenanthrene	40.0	26.5		ug/L		66	54 - 115	5	35	
Anthracene	40.0	26.8		ug/L		67	54 - 115	3	25	
Di-n-butyl phthalate	40.0	30.4		ug/L		76	58 - 115	4	26	
Fluoranthene	40.0	30.1		ug/L		75	65 - 115	5	26	
Pyrene	40.0	30.9		ug/L		77	53 - 115	4	22	
Butyl benzyl phthalate	40.0	32.3		ug/L		81	37 - 115	5	21	
3,3'-Dichlorobenzidine	40.0	21.0		ug/L		52	24 - 110	8	30	
Benzo[a]anthracene	40.0	30.3		ug/L		76	56 - 115	4	24	
Bis(2-ethylhexyl) phthalate	40.0	31.9		ug/L		80	59 - 115	3	30	
Chrysene	40.0	29.4		ug/L		73	50 - 115	4	24	
Di-n-octyl phthalate	40.0	32.0		ug/L		80	12 - 115	5	27	
Benzo[b]fluoranthene	40.0	29.8		ug/L		75	50 - 115	4	31	
Benzo[a]pyrene	40.0	30.7		ug/L		77	55 - 115	3	23	
Benzo[k]fluoranthene	40.0	32.9		ug/L		82	60 - 115	9	39	
Indeno[1,2,3-cd]pyrene	40.0	32.6		ug/L		82	49 - 117	5	19	
Benzo[g,h,i]perylene	40.0	32.7		ug/L		82	54 - 115	2	35	
Benzoic acid	40.0	7.74	J	ug/L		19	10 - 115	9	56	
Azobenzene	40.0	23.1		ug/L		58	42 - 115	10	35	
Dibenz(a,h)anthracene	40.0	33.3		ug/L		83	47 - 127	4	35	

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60420-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 720-168778/3-A
Matrix: Water
Analysis Batch: 168855

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 168778

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
Nitrobenzene-d5	39		11 - 92
2-Fluorobiphenyl	41		10 - 101
Terphenyl-d14	82		34 - 128
2-Fluorophenol	18		10 - 65
Phenol-d5	11		10 - 46
2,4,6-Tribromophenol	64		17 - 115

Method: 8015B - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 720-168683/1-A
Matrix: Water
Analysis Batch: 168666

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 168683

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		50		ug/L		10/13/14 08:53	10/14/14 02:29	1

Surrogate	MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
p-Terphenyl	98		23 - 156	10/13/14 08:53	10/14/14 02:29	1

Lab Sample ID: LCS 720-168683/2-A
Matrix: Water
Analysis Batch: 168666

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 168683

Analyte	Spike Added	LCS		Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
Diesel Range Organics [C10-C28]	2500	1780		ug/L		71	34 - 115

Surrogate	LCS		Limits
	%Recovery	Qualifier	
p-Terphenyl	106		23 - 156

Lab Sample ID: LCSD 720-168683/3-A
Matrix: Water
Analysis Batch: 168666

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 168683

Analyte	Spike Added	LCSD		Unit	D	%Rec	%Rec. Limits	RPD	Limit
		Result	Qualifier						
Diesel Range Organics [C10-C28]	2500	1720		ug/L		69	34 - 115	4	35

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
p-Terphenyl	104		23 - 156

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60420-1

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 720-168554/1-A
Matrix: Water
Analysis Batch: 168680

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 168554

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.010		mg/L		10/09/14 19:16	10/10/14 19:27	1
Arsenic	ND		0.010		mg/L		10/09/14 19:16	10/10/14 19:27	1
Beryllium	ND		0.0020		mg/L		10/09/14 19:16	10/10/14 19:27	1
Cadmium	ND		0.0020		mg/L		10/09/14 19:16	10/10/14 19:27	1
Chromium	ND		0.010		mg/L		10/09/14 19:16	10/10/14 19:27	1
Copper	ND		0.020		mg/L		10/09/14 19:16	10/10/14 19:27	1
Lead	ND		0.0050		mg/L		10/09/14 19:16	10/10/14 19:27	1
Nickel	ND		0.010		mg/L		10/09/14 19:16	10/10/14 19:27	1
Selenium	ND		0.020		mg/L		10/09/14 19:16	10/10/14 19:27	1
Silver	ND		0.0050		mg/L		10/09/14 19:16	10/10/14 19:27	1
Zinc	ND		0.020		mg/L		10/09/14 19:16	10/10/14 19:27	1

Lab Sample ID: LCS 720-168554/2-A
Matrix: Water
Analysis Batch: 168680

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 168554

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	1.00	0.985		mg/L		99	80 - 120
Arsenic	1.00	1.01		mg/L		101	80 - 120
Beryllium	1.00	1.01		mg/L		101	80 - 120
Cadmium	1.00	1.01		mg/L		101	80 - 120
Chromium	1.00	1.01		mg/L		101	80 - 120
Copper	1.00	1.01		mg/L		101	80 - 120
Lead	1.00	1.04		mg/L		104	80 - 120
Nickel	1.00	1.02		mg/L		102	80 - 120
Selenium	1.00	1.03		mg/L		103	80 - 120
Silver	0.500	0.505		mg/L		101	80 - 120
Zinc	1.00	0.948		mg/L		95	80 - 120

Lab Sample ID: LCSD 720-168554/3-A
Matrix: Water
Analysis Batch: 168680

Client Sample ID: Lab Control Sample Dup
Prep Type: Total Recoverable
Prep Batch: 168554

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Antimony	1.00	0.985		mg/L		98	80 - 120	0	20
Arsenic	1.00	1.02		mg/L		102	80 - 120	1	20
Beryllium	1.00	1.02		mg/L		102	80 - 120	1	20
Cadmium	1.00	1.00		mg/L		100	80 - 120	1	20
Chromium	1.00	1.02		mg/L		102	80 - 120	1	20
Copper	1.00	1.01		mg/L		101	80 - 120	1	20
Lead	1.00	1.04		mg/L		104	80 - 120	0	20
Nickel	1.00	1.02		mg/L		102	80 - 120	0	20
Selenium	1.00	1.04		mg/L		104	80 - 120	1	20
Silver	0.500	0.505		mg/L		101	80 - 120	0	20
Zinc	1.00	0.942		mg/L		94	80 - 120	1	20

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60420-1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: MB 720-168779/1-A

Matrix: Water

Analysis Batch: 168823

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 168779

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.010		mg/L		10/14/14 10:16	10/14/14 18:43	1
Arsenic	ND		0.010		mg/L		10/14/14 10:16	10/14/14 18:43	1
Beryllium	ND		0.0020		mg/L		10/14/14 10:16	10/14/14 18:43	1
Cadmium	ND		0.0020		mg/L		10/14/14 10:16	10/14/14 18:43	1
Chromium	ND		0.010		mg/L		10/14/14 10:16	10/14/14 18:43	1
Copper	ND		0.020		mg/L		10/14/14 10:16	10/14/14 18:43	1
Lead	ND		0.0050		mg/L		10/14/14 10:16	10/14/14 18:43	1
Nickel	ND		0.010		mg/L		10/14/14 10:16	10/14/14 18:43	1
Selenium	ND		0.020		mg/L		10/14/14 10:16	10/14/14 18:43	1
Silver	ND		0.0050		mg/L		10/14/14 10:16	10/14/14 18:43	1
Zinc	ND		0.020		mg/L		10/14/14 10:16	10/14/14 18:43	1

Lab Sample ID: LCS 720-168779/2-A

Matrix: Water

Analysis Batch: 168823

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 168779

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	1.00	0.954		mg/L		95	80 - 120
Arsenic	1.00	0.963		mg/L		96	80 - 120
Beryllium	1.00	0.952		mg/L		95	80 - 120
Cadmium	1.00	1.00		mg/L		100	80 - 120
Chromium	1.00	1.03		mg/L		103	80 - 120
Copper	1.00	0.984		mg/L		98	80 - 120
Lead	1.00	1.03		mg/L		103	80 - 120
Nickel	1.00	1.01		mg/L		101	80 - 120
Selenium	1.00	0.993		mg/L		99	80 - 120
Silver	0.500	0.496		mg/L		99	80 - 120
Zinc	1.00	0.962		mg/L		96	80 - 120

Lab Sample ID: LCSD 720-168779/3-A

Matrix: Water

Analysis Batch: 168823

Client Sample ID: Lab Control Sample Dup

Prep Type: Total Recoverable

Prep Batch: 168779

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	1.00	0.958		mg/L		96	80 - 120	0	20
Arsenic	1.00	0.963		mg/L		96	80 - 120	0	20
Beryllium	1.00	0.953		mg/L		95	80 - 120	0	20
Cadmium	1.00	0.997		mg/L		100	80 - 120	1	20
Chromium	1.00	1.03		mg/L		103	80 - 120	0	20
Copper	1.00	0.983		mg/L		98	80 - 120	0	20
Lead	1.00	1.03		mg/L		103	80 - 120	0	20
Nickel	1.00	1.01		mg/L		101	80 - 120	1	20
Selenium	1.00	0.991		mg/L		99	80 - 120	0	20
Silver	0.500	0.493		mg/L		99	80 - 120	1	20
Zinc	1.00	0.959		mg/L		96	80 - 120	0	20

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60420-1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 720-60447-F-1-A MS

Matrix: Water

Analysis Batch: 168680

Client Sample ID: Matrix Spike

Prep Type: Dissolved

Prep Batch: 168554

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.	Limits
	Result	Qualifier	Added	Result	Qualifier					
Antimony	ND		1.00	1.00		mg/L		100		75 - 125
Arsenic	ND		1.00	1.09		mg/L		108		75 - 125
Beryllium	ND		1.00	1.03		mg/L		103		75 - 125
Cadmium	ND		1.00	0.992		mg/L		99		75 - 125
Chromium	ND		1.00	1.01		mg/L		101		75 - 125
Copper	ND		1.00	1.00		mg/L		100		75 - 125
Lead	ND		1.00	1.00		mg/L		100		75 - 125
Nickel	ND		1.00	0.989		mg/L		98		75 - 125
Selenium	ND		1.00	1.07		mg/L		105		75 - 125
Silver	ND		0.500	0.509		mg/L		102		75 - 125
Zinc	0.045		1.00	0.972		mg/L		93		75 - 125

Lab Sample ID: 720-60447-F-1-B MSD

Matrix: Water

Analysis Batch: 168680

Client Sample ID: Matrix Spike Duplicate

Prep Type: Dissolved

Prep Batch: 168554

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	Limits	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier							
Antimony	ND		1.00	0.981		mg/L		98		75 - 125	2	20
Arsenic	ND		1.00	1.04		mg/L		104		75 - 125	4	20
Beryllium	ND		1.00	0.983		mg/L		98		75 - 125	5	20
Cadmium	ND		1.00	0.967		mg/L		97		75 - 125	3	20
Chromium	ND		1.00	0.970		mg/L		97		75 - 125	4	20
Copper	ND		1.00	0.977		mg/L		98		75 - 125	3	20
Lead	ND		1.00	0.971		mg/L		97		75 - 125	3	20
Nickel	ND		1.00	0.955		mg/L		95		75 - 125	3	20
Selenium	ND		1.00	1.03		mg/L		102		75 - 125	3	20
Silver	ND		0.500	0.493		mg/L		99		75 - 125	3	20
Zinc	0.045		1.00	0.949		mg/L		90		75 - 125	2	20

Lab Sample ID: MB 720-168711/1-B

Matrix: Water

Analysis Batch: 168823

Client Sample ID: Method Blank

Prep Type: Dissolved

Prep Batch: 168779

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
	Result	Qualifier								
Antimony	ND		0.010		mg/L		10/14/14 10:16	10/14/14 18:57		1
Arsenic	ND		0.010		mg/L		10/14/14 10:16	10/14/14 18:57		1
Beryllium	ND		0.0020		mg/L		10/14/14 10:16	10/14/14 18:57		1
Cadmium	ND		0.0020		mg/L		10/14/14 10:16	10/14/14 18:57		1
Chromium	ND		0.010		mg/L		10/14/14 10:16	10/14/14 18:57		1
Copper	ND		0.020		mg/L		10/14/14 10:16	10/14/14 18:57		1
Lead	ND		0.0050		mg/L		10/14/14 10:16	10/14/14 18:57		1
Nickel	ND		0.010		mg/L		10/14/14 10:16	10/14/14 18:57		1
Selenium	ND		0.020		mg/L		10/14/14 10:16	10/14/14 18:57		1
Silver	ND		0.0050		mg/L		10/14/14 10:16	10/14/14 18:57		1
Zinc	ND		0.020		mg/L		10/14/14 10:16	10/14/14 18:57		1

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60420-1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 720-60514-F-7-C MS

Matrix: Water

Analysis Batch: 168823

Client Sample ID: Matrix Spike

Prep Type: Dissolved

Prep Batch: 168779

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier	Added	Result	Qualifier				
Antimony	ND		1.00	0.966		mg/L		97	75 - 125
Arsenic	ND		1.00	0.984		mg/L		98	75 - 125
Beryllium	ND		1.00	0.940		mg/L		94	75 - 125
Cadmium	ND		1.00	0.969		mg/L		97	75 - 125
Chromium	ND		1.00	1.00		mg/L		100	75 - 125
Copper	ND		1.00	0.962		mg/L		96	75 - 125
Lead	ND		1.00	0.976		mg/L		98	75 - 125
Nickel	ND		1.00	0.955		mg/L		95	75 - 125
Selenium	ND		1.00	0.981		mg/L		98	75 - 125
Silver	ND		0.500	0.493		mg/L		99	75 - 125
Zinc	ND		1.00	0.925		mg/L		92	75 - 125

Lab Sample ID: 720-60514-F-7-D MSD

Matrix: Water

Analysis Batch: 168823

Client Sample ID: Matrix Spike Duplicate

Prep Type: Dissolved

Prep Batch: 168779

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec. Limits	RPD	
	Result	Qualifier	Added	Result	Qualifier					RPD	Limit
Antimony	ND		1.00	0.976		mg/L		98	75 - 125	1	20
Arsenic	ND		1.00	0.987		mg/L		99	75 - 125	0	20
Beryllium	ND		1.00	0.938		mg/L		94	75 - 125	0	20
Cadmium	ND		1.00	0.970		mg/L		97	75 - 125	0	20
Chromium	ND		1.00	1.02		mg/L		102	75 - 125	2	20
Copper	ND		1.00	0.967		mg/L		97	75 - 125	1	20
Lead	ND		1.00	0.978		mg/L		98	75 - 125	0	20
Nickel	ND		1.00	0.957		mg/L		96	75 - 125	0	20
Selenium	ND		1.00	0.990		mg/L		99	75 - 125	1	20
Silver	ND		0.500	0.490		mg/L		98	75 - 125	0	20
Zinc	ND		1.00	0.925		mg/L		92	75 - 125	0	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 720-168592/1-A

Matrix: Water

Analysis Batch: 168614

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 168592

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
	Result	Qualifier								
Mercury	ND		0.00020		mg/L		10/10/14 09:28	10/10/14 12:56		1

Lab Sample ID: LCS 720-168592/2-A

Matrix: Water

Analysis Batch: 168614

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 168592

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec. Limits
	Added	Result	Qualifier				
Mercury	0.0100	0.00898		mg/L		90	85 - 115

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60420-1

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: LCSD 720-168592/3-A
Matrix: Water
Analysis Batch: 168614

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 168592

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.0100	0.00878		mg/L		88	85 - 115	2	20

Lab Sample ID: 720-60455-A-1-D MS
Matrix: Water
Analysis Batch: 168614

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 168592

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	ND		0.0100	0.00830		mg/L		83	70 - 130

Lab Sample ID: 720-60455-A-1-E MSD
Matrix: Water
Analysis Batch: 168614

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 168592

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND		0.0100	0.00822		mg/L		82	70 - 130	1	20

Lab Sample ID: MB 720-168708/1-A
Matrix: Water
Analysis Batch: 168829

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 168708

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		10/13/14 14:23	10/14/14 19:05	1

Lab Sample ID: LCS 720-168708/2-A
Matrix: Water
Analysis Batch: 168829

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 168708

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.0100	0.00952		mg/L		95	85 - 115

Lab Sample ID: LCSD 720-168708/3-A
Matrix: Water
Analysis Batch: 168829

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 168708

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.0100	0.00978		mg/L		98	85 - 115	3	20

Lab Sample ID: 720-60420-4 MS
Matrix: Water
Analysis Batch: 168829

Client Sample ID: PLSB-5
Prep Type: Dissolved
Prep Batch: 168708

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	ND		0.0100	0.00972		mg/L		97	70 - 130

Lab Sample ID: 720-60420-4 MSD
Matrix: Water
Analysis Batch: 168829

Client Sample ID: PLSB-5
Prep Type: Dissolved
Prep Batch: 168708

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND		0.0100	0.00972		mg/L		97	70 - 130	0	20

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
 Project/Site: Philips San Jose

TestAmerica Job ID: 720-60420-1

Method: SM 4500 CN E - Cyanide, Total

Lab Sample ID: MB 500-258647/1-A
 Matrix: Water
 Analysis Batch: 258915

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 258647

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010		mg/L		10/10/14 13:00	10/11/14 12:50	1

Lab Sample ID: LCS 500-258647/2-A
 Matrix: Water
 Analysis Batch: 258915

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 258647

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	0.100	0.0984		mg/L		98	80 - 120



QC Association Summary

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60420-1

GC/MS VOA

Analysis Batch: 168807

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60391-A-13 MS	Matrix Spike	Total/NA	Water	8260B	
720-60391-A-13 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B	
720-60420-1	PLPB-3	Total/NA	Water	8260B	
720-60420-2	PLPB-4	Total/NA	Water	8260B	
720-60420-3	PLSB-1	Total/NA	Water	8260B/CA_LUFT MS	
720-60420-4	PLSB-5	Total/NA	Water	8260B	
720-60420-5	PLSB-2	Total/NA	Water	8260B/CA_LUFT MS	
720-60420-6	PLSB-3	Total/NA	Water	8260B/CA_LUFT MS	
LCS 720-168807/5	Lab Control Sample	Total/NA	Water	8260B	
LCSD 720-168807/6	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 720-168807/4	Method Blank	Total/NA	Water	8260B	

GC/MS Semi VOA

Analysis Batch: 168588

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60391-C-9-C MS	Matrix Spike	Total/NA	Water	8270C	168593
720-60391-C-9-D MSD	Matrix Spike Duplicate	Total/NA	Water	8270C	168593
LCS 720-168593/2-A	Lab Control Sample	Total/NA	Water	8270C	168593
LCSD 720-168593/3-A	Lab Control Sample Dup	Total/NA	Water	8270C	168593
MB 720-168593/1-A	Method Blank	Total/NA	Water	8270C	168593

Prep Batch: 168593

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60391-C-9-C MS	Matrix Spike	Total/NA	Water	3510C	
720-60391-C-9-D MSD	Matrix Spike Duplicate	Total/NA	Water	3510C	
720-60420-1	PLPB-3	Total/NA	Water	3510C	
720-60420-2	PLPB-4	Total/NA	Water	3510C	
LCS 720-168593/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 720-168593/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
MB 720-168593/1-A	Method Blank	Total/NA	Water	3510C	

Analysis Batch: 168691

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60420-1	PLPB-3	Total/NA	Water	8270C	168593
720-60420-2	PLPB-4	Total/NA	Water	8270C	168593

Prep Batch: 168778

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60420-4	PLSB-5	Total/NA	Water	3510C	
LCS 720-168778/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 720-168778/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
MB 720-168778/1-A	Method Blank	Total/NA	Water	3510C	

Analysis Batch: 168855

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60420-4	PLSB-5	Total/NA	Water	8270C	168778
LCS 720-168778/2-A	Lab Control Sample	Total/NA	Water	8270C	168778

TestAmerica Pleasanton

QC Association Summary

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60420-1

GC/MS Semi VOA (Continued)

Analysis Batch: 168855 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 720-168778/3-A	Lab Control Sample Dup	Total/NA	Water	8270C	168778
MB 720-168778/1-A	Method Blank	Total/NA	Water	8270C	168778

GC Semi VOA

Analysis Batch: 168666

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60420-3	PLSB-1	Total/NA	Water	8015B	168683
720-60420-5	PLSB-2	Total/NA	Water	8015B	168683
720-60420-6	PLSB-3	Total/NA	Water	8015B	168683
LCS 720-168683/2-A	Lab Control Sample	Total/NA	Water	8015B	168683
LCSD 720-168683/3-A	Lab Control Sample Dup	Total/NA	Water	8015B	168683
MB 720-168683/1-A	Method Blank	Total/NA	Water	8015B	168683

Prep Batch: 168683

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60420-3	PLSB-1	Total/NA	Water	3510C	
720-60420-5	PLSB-2	Total/NA	Water	3510C	
720-60420-6	PLSB-3	Total/NA	Water	3510C	
LCS 720-168683/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 720-168683/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
MB 720-168683/1-A	Method Blank	Total/NA	Water	3510C	

Metals

Prep Batch: 168554

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60420-1	PLPB-3	Dissolved	Water	3005A	
720-60420-2	PLPB-4	Dissolved	Water	3005A	
720-60447-F-1-A MS	Matrix Spike	Dissolved	Water	3005A	
720-60447-F-1-B MSD	Matrix Spike Duplicate	Dissolved	Water	3005A	
LCS 720-168554/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
LCSD 720-168554/3-A	Lab Control Sample Dup	Total Recoverable	Water	3005A	
MB 720-168554/1-A	Method Blank	Total Recoverable	Water	3005A	

Prep Batch: 168592

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60420-1	PLPB-3	Dissolved	Water	7470A	
720-60420-2	PLPB-4	Dissolved	Water	7470A	
720-60455-A-1-D MS	Matrix Spike	Total/NA	Water	7470A	
720-60455-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	
LCS 720-168592/2-A	Lab Control Sample	Total/NA	Water	7470A	
LCSD 720-168592/3-A	Lab Control Sample Dup	Total/NA	Water	7470A	
MB 720-168592/1-A	Method Blank	Total/NA	Water	7470A	

Analysis Batch: 168614

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60420-1	PLPB-3	Dissolved	Water	7470A	168592
720-60420-2	PLPB-4	Dissolved	Water	7470A	168592
720-60455-A-1-D MS	Matrix Spike	Total/NA	Water	7470A	168592

TestAmerica Pleasanton

QC Association Summary

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60420-1

Metals (Continued)

Analysis Batch: 168614 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60455-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	168592
LCS 720-168592/2-A	Lab Control Sample	Total/NA	Water	7470A	168592
LCSD 720-168592/3-A	Lab Control Sample Dup	Total/NA	Water	7470A	168592
MB 720-168592/1-A	Method Blank	Total/NA	Water	7470A	168592

Analysis Batch: 168680

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60420-1	PLPB-3	Dissolved	Water	6010B	168554
720-60420-2	PLPB-4	Dissolved	Water	6010B	168554
720-60447-F-1-A MS	Matrix Spike	Dissolved	Water	6010B	168554
720-60447-F-1-B MSD	Matrix Spike Duplicate	Dissolved	Water	6010B	168554
LCS 720-168554/2-A	Lab Control Sample	Total Recoverable	Water	6010B	168554
LCSD 720-168554/3-A	Lab Control Sample Dup	Total Recoverable	Water	6010B	168554
MB 720-168554/1-A	Method Blank	Total Recoverable	Water	6010B	168554

Prep Batch: 168708

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60420-4	PLSB-5	Dissolved	Water	7470A	
720-60420-4 MS	PLSB-5	Dissolved	Water	7470A	
720-60420-4 MSD	PLSB-5	Dissolved	Water	7470A	
LCS 720-168708/2-A	Lab Control Sample	Total/NA	Water	7470A	
LCSD 720-168708/3-A	Lab Control Sample Dup	Total/NA	Water	7470A	
MB 720-168708/1-A	Method Blank	Total/NA	Water	7470A	

Filtration Batch: 168711

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60514-F-7-C MS	Matrix Spike	Dissolved	Water	FILTRATION	
720-60514-F-7-D MSD	Matrix Spike Duplicate	Dissolved	Water	FILTRATION	
MB 720-168711/1-B	Method Blank	Dissolved	Water	FILTRATION	

Prep Batch: 168779

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60420-4	PLSB-5	Dissolved	Water	3005A	
720-60514-F-7-C MS	Matrix Spike	Dissolved	Water	3005A	168711
720-60514-F-7-D MSD	Matrix Spike Duplicate	Dissolved	Water	3005A	168711
LCS 720-168779/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
LCSD 720-168779/3-A	Lab Control Sample Dup	Total Recoverable	Water	3005A	
MB 720-168711/1-B	Method Blank	Dissolved	Water	3005A	168711
MB 720-168779/1-A	Method Blank	Total Recoverable	Water	3005A	

Analysis Batch: 168823

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60420-4	PLSB-5	Dissolved	Water	6010B	168779
720-60514-F-7-C MS	Matrix Spike	Dissolved	Water	6010B	168779
720-60514-F-7-D MSD	Matrix Spike Duplicate	Dissolved	Water	6010B	168779
LCS 720-168779/2-A	Lab Control Sample	Total Recoverable	Water	6010B	168779
LCSD 720-168779/3-A	Lab Control Sample Dup	Total Recoverable	Water	6010B	168779
MB 720-168711/1-B	Method Blank	Dissolved	Water	6010B	168779
MB 720-168779/1-A	Method Blank	Total Recoverable	Water	6010B	168779

TestAmerica Pleasanton

QC Association Summary

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60420-1

Metals (Continued)

Analysis Batch: 168829

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60420-4	PLSB-5	Dissolved	Water	7470A	168708
720-60420-4 MS	PLSB-5	Dissolved	Water	7470A	168708
720-60420-4 MSD	PLSB-5	Dissolved	Water	7470A	168708
LCS 720-168708/2-A	Lab Control Sample	Total/NA	Water	7470A	168708
LCSD 720-168708/3-A	Lab Control Sample Dup	Total/NA	Water	7470A	168708
MB 720-168708/1-A	Method Blank	Total/NA	Water	7470A	168708

General Chemistry

Prep Batch: 258647

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60420-4	PLSB-5	Total/NA	Water	Distill/CN	
LCS 500-258647/2-A	Lab Control Sample	Total/NA	Water	Distill/CN	
MB 500-258647/1-A	Method Blank	Total/NA	Water	Distill/CN	

Analysis Batch: 258915

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60420-4	PLSB-5	Total/NA	Water	SM 4500 CN E	258647
LCS 500-258647/2-A	Lab Control Sample	Total/NA	Water	SM 4500 CN E	258647
MB 500-258647/1-A	Method Blank	Total/NA	Water	SM 4500 CN E	258647

Lab Chronicle

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60420-1

Client Sample ID: PLPB-3

Date Collected: 10/06/14 16:15

Date Received: 10/07/14 17:45

Lab Sample ID: 720-60420-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	168807	10/14/14 22:29	PDR	TAL PLS
Total/NA	Prep	3510C			168593	10/10/14 10:11	NDU	TAL PLS
Total/NA	Analysis	8270C		1	168691	10/13/14 16:01	MQL	TAL PLS
Dissolved	Prep	3005A			168554	10/09/14 19:16	ASB	TAL PLS
Dissolved	Analysis	6010B		1	168680	10/10/14 20:20	CAM	TAL PLS
Dissolved	Prep	7470A			168592	10/10/14 09:28	ECT	TAL PLS
Dissolved	Analysis	7470A		1	168614	10/10/14 13:10	SLK	TAL PLS

Client Sample ID: PLPB-4

Date Collected: 10/06/14 17:20

Date Received: 10/07/14 17:45

Lab Sample ID: 720-60420-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	168807	10/14/14 22:58	PDR	TAL PLS
Total/NA	Prep	3510C			168593	10/10/14 10:11	NDU	TAL PLS
Total/NA	Analysis	8270C		1	168691	10/13/14 16:25	MQL	TAL PLS
Dissolved	Prep	3005A			168554	10/09/14 19:16	ASB	TAL PLS
Dissolved	Analysis	6010B		1	168680	10/10/14 20:25	CAM	TAL PLS
Dissolved	Prep	7470A			168592	10/10/14 09:28	ECT	TAL PLS
Dissolved	Analysis	7470A		1	168614	10/10/14 13:13	SLK	TAL PLS

Client Sample ID: PLSB-1

Date Collected: 10/07/14 09:15

Date Received: 10/07/14 17:45

Lab Sample ID: 720-60420-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	168807	10/14/14 23:26	PDR	TAL PLS
Total/NA	Prep	3510C			168683	10/13/14 08:53	NVP	TAL PLS
Total/NA	Analysis	8015B		1	168666	10/13/14 20:24	JL	TAL PLS

Client Sample ID: PLSB-5

Date Collected: 10/07/14 11:35

Date Received: 10/07/14 17:45

Lab Sample ID: 720-60420-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	168807	10/14/14 23:55	PDR	TAL PLS
Total/NA	Prep	3510C			168778	10/14/14 10:04	NDU	TAL PLS
Total/NA	Analysis	8270C		1	168855	10/15/14 17:35	MQL	TAL PLS
Dissolved	Prep	3005A			168779	10/14/14 10:16	JCR	TAL PLS
Dissolved	Analysis	6010B		1	168823	10/14/14 19:25	SLK	TAL PLS
Dissolved	Prep	7470A			168708	10/13/14 14:23	ECT	TAL PLS
Dissolved	Analysis	7470A		1	168829	10/14/14 19:17	SLK	TAL PLS

TestAmerica Pleasanton

Lab Chronicle

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60420-1

Client Sample ID: PLSB-5

Date Collected: 10/07/14 11:35
Date Received: 10/07/14 17:45

Lab Sample ID: 720-60420-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	Distill/CN			258647	10/10/14 13:00	EAT	TAL CHI
Total/NA	Analysis	SM 4500 CN E		1	258915	10/11/14 12:52	EAT	TAL CHI
					(Start)	10/11/14 12:52		
					(End)	10/11/14 12:52		

Client Sample ID: PLSB-2

Date Collected: 10/07/14 13:15
Date Received: 10/07/14 17:45

Lab Sample ID: 720-60420-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	168807	10/15/14 00:23	PDR	TAL PLS
Total/NA	Prep	3510C			168683	10/13/14 08:53	NVP	TAL PLS
Total/NA	Analysis	8015B		1	168666	10/13/14 20:48	JL	TAL PLS

Client Sample ID: PLSB-3

Date Collected: 10/07/14 14:10
Date Received: 10/07/14 17:45

Lab Sample ID: 720-60420-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	168807	10/15/14 00:51	PDR	TAL PLS
Total/NA	Prep	3510C			168683	10/13/14 08:53	NVP	TAL PLS
Total/NA	Analysis	8015B		1	168666	10/13/14 21:12	JL	TAL PLS

Laboratory References:

TAL CHI = TestAmerica Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200
TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

Certification Summary

Client: URS Corporation
 Project/Site: Philips San Jose

TestAmerica Job ID: 720-60420-1

Laboratory: TestAmerica Pleasanton

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

Authority	Program	EPA Region	Certification ID	Expiration Date
California	State Program	9	2496	01-31-16

Analysis Method	Prep Method	Matrix	Analyte

Laboratory: TestAmerica Chicago

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Alabama	State Program	4	40461	04-30-15
California	State Program	9	2903	04-30-15
Georgia	State Program	4	N/A	04-30-15
Georgia	State Program	4	939	04-30-15
Hawaii	State Program	9	N/A	04-30-15
Illinois	NELAP	5	100201	04-30-15
Indiana	State Program	5	C-IL-02	04-30-15
Iowa	State Program	7	82	05-01-16
Kansas	NELAP	7	E-10161	10-31-14 *
Kentucky (UST)	State Program	4	66	04-30-15
Kentucky (WW)	State Program	4	KY90023	12-31-14 *
Massachusetts	State Program	1	M-IL035	06-30-15
Mississippi	State Program	4	N/A	04-30-15
New York	NELAP	2	IL00035	03-31-15
North Carolina (WW/SW)	State Program	4	291	12-31-14 *
North Dakota	State Program	8	R-194	04-30-15
Oklahoma	State Program	6	8908	08-31-15
South Carolina	State Program	4	77001	04-30-15
USDA	Federal		P330-12-00038	02-06-15
Wisconsin	State Program	5	999580010	08-31-15 *
Wyoming	State Program	8	8TMS-Q	04-30-15

* Certification renewal pending - certification considered valid.

Method Summary

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60420-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL PLS
8260B/CA_LUFTM S	8260B / CA LUFT MS	SW846	TAL PLS
8270C	Semivolatile Organic Compounds (GC/MS)	SW846	TAL PLS
8015B	Diesel Range Organics (DRO) (GC)	SW846	TAL PLS
6010B	Metals (ICP)	SW846	TAL PLS
7470A	Mercury (CVAA)	SW846	TAL PLS
SM 4500 CN E	Cyanide, Total	SM	TAL CHI

Protocol References:

SM = "Standard Methods For The Examination Of Water And Wastewater",

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

Laboratory References:

TAL CHI = TestAmerica Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

Sample Summary

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60420-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-60420-1	PLPB-3	Water	10/06/14 16:15	10/07/14 17:45
720-60420-2	PLPB-4	Water	10/06/14 17:20	10/07/14 17:45
720-60420-3	PLSB-1	Water	10/07/14 09:15	10/07/14 17:45
720-60420-4	PLSB-5	Water	10/07/14 11:35	10/07/14 17:45
720-60420-5	PLSB-2	Water	10/07/14 13:15	10/07/14 17:45
720-60420-6	PLSB-3	Water	10/07/14 14:10	10/07/14 17:45

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TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING
720-604220

TESTAMERICA Pleasanton Chain of Custody
 1220 Quarry Lane • Pleasanton CA 94566-4756
 Phone: (925) 484-1919 • Fax: (925) 600-3002

W. R. V.

Reference #:

156761

Date: 10/7/14

Page 1 of 1

Report to

Analysis Request

Attn: Erik Sebv
 Company: VBS Corp
 Address: One Montecorey, Syc A, 94104
 Email: Erik.Sebv@VBS.com
 Bill To:
 Sampled By: ES/BS
 Phone: 415-243-3845

Sample ID	Date	Time	Mat	Preserv	Volatile Organics GC/MS (VOCs) EPA 8260B	HVOCs by EPA 8260B	EPA 8260B: <input type="checkbox"/> Gas <input checked="" type="checkbox"/> BTEX <input type="checkbox"/> Xylenes <input type="checkbox"/> DCA, EDB <input type="checkbox"/> Ethanol None	TEPH EPA 8015B <input type="checkbox"/> Silica Gel <input type="checkbox"/> Diesel <input type="checkbox"/> Motor Oil <input type="checkbox"/> Other	Semi-Volatile Organics GC/MS EPA 8270C	PNA/PAH's by <input type="checkbox"/> 8270C <input type="checkbox"/> 8270C SIM	Oil and Grease <input type="checkbox"/> Petroleum (EPA 1664/9071) <input type="checkbox"/> Total	Pesticides <input type="checkbox"/> EPA 8081 PCBs <input type="checkbox"/> EPA 8082	CAM17 Metals (EPA 6010/7470/7471)	Metals: <input checked="" type="checkbox"/> 6010B <input type="checkbox"/> 200.7 <input type="checkbox"/> Lead <input type="checkbox"/> LUFT <input type="checkbox"/> RCRA <input type="checkbox"/> Other: See special instructions Metals: <input type="checkbox"/> 6020 <input type="checkbox"/> 200.8 (ICP-MS):	<input type="checkbox"/> W.E.T (STLC) <input type="checkbox"/> W.E.T (DI) <input type="checkbox"/> TCLP	Hex. Chrom by <input type="checkbox"/> EPA 7196 <input type="checkbox"/> or EPA 7199	pH <input type="checkbox"/> 9040 <input type="checkbox"/> SM4500	<input type="checkbox"/> Spec. Cond. <input type="checkbox"/> Alkalinity <input type="checkbox"/> TSS <input type="checkbox"/> SS <input type="checkbox"/> TDS	Anions: <input type="checkbox"/> Cl <input type="checkbox"/> SO ₄ <input type="checkbox"/> NO ₃ <input type="checkbox"/> F <input type="checkbox"/> Br <input type="checkbox"/> NO ₂ <input type="checkbox"/> PO ₄	Cyanide <input type="checkbox"/> Determinate by EPA 3440	COD <input type="checkbox"/> EPA 410.4 <input type="checkbox"/> SM5220D <input type="checkbox"/> Turbidity	Filter Hold	Number of Containers				
PLPB-3	10/7/14	915	W	HC1	X				X																		
PLPB-4	10/7/14	1720	W	HC1, HC2	X				X																		
PLSB-1	10/7/14	915	W	HC1	X				X																		
PLSB-5	10/7/14	1135	W	HC1, HC2, HC3, HC4	X				X																		
PLSB-2	10/7/14	1315	W	HC1	X				X																		
PLSB-3	10/7/14	1410	W	HC1	X				X																		

Project Info.

Project Name: #

Phillips Sam Jose

Head Spaces:

PO#: 199161617

Temp: 2.9°C

Credit Card V/N: If yes, please call with payment information ASAP

T	10	5	4	3	2	1	Other:
A	Day	Day	Day	Day	Day	Day	

Report: Routine Level 3 Level 4 EDD EDF
 Special Instructions / Comments:
 * Chromium, Arsenic, Mercury, Cadmium, Chromium (total), Copper, Lead, Manganese, Selenium, Silver, Zinc (all as dissolved)
 See Terms and Conditions on reverse

1) Relinquished by:
 Signature: [Signature]
 Printed Name: Sam Briviger
 Date: 10/7/14
 Company: VBS

2) Relinquished by:
 Signature: EMAL
 Printed Name: EMAL
 Date: 10/7/14
 Company: DCS

3) Receive:
 Signature: [Signature]
 Printed Name: [Name]
 Date: [Date]
 Company: [Company]



720-60420 Chain of Custody

Signature: [Signature]
 Printed Name: [Name]
 Date: [Date]
 Company: [Company]

Login Sample Receipt Checklist

Client: URS Corporation

Job Number: 720-60420-1

Login Number: 60420

List Source: TestAmerica Pleasanton

List Number: 1

Creator: Bullock, Tracy

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
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 containers received 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.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



Login Sample Receipt Checklist

Client: URS Corporation

Job Number: 720-60420-1

Login Number: 60420

List Number: 2

Creator: Kelsey, Shawn M

List Source: TestAmerica Chicago

List Creation: 10/09/14 11:49 AM

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are 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 containers received 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	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	



TestAmerica

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ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Pleasanton
1220 Quarry Lane
Pleasanton, CA 94566
Tel: (925)484-1919

TestAmerica Job ID: 720-60515-1
Client Project/Site: Philips San Jose

For:
URS Corporation
One Montgomery Street
Suite 900
San Francisco, California 94104-4538

Attn: Mr. Erik Skov



Authorized for release by:
10/17/2014 5:20:40 PM

Afsaneh Salimpour, Senior Project Manager
(925)484-1919
afsaneh.salimpour@testamericainc.com

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www.testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60515-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	ISTD response or retention time outside acceptable limits
*	LCS or LCSD exceeds the control limits

Metals

Qualifier	Qualifier Description
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.
α	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: Philips San Jose

TestAmerica Job ID: 720-60515-1

Job ID: 720-60515-1

Laboratory: TestAmerica Pleasanton

Narrative

Job Narrative 720-60515-1

Comments

No additional comments.

Receipt

The samples were received on 10/10/2014 6:45 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 4 coolers at receipt time were 0.5° C, 0.8° C, 0.9° C and 0.9° C.

GC/MS VOA

Method(s) 8260B: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for batch <<168670>> recovered outside control limits for the following analytes: <<2-butanone and 2-hexanone>>. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method(s) 8260B: Internal standard (ISTD) response for the following samples was outside control limits: PLSB-10-10 (720-60515-1), PLSB-10-15 (720-60515-2), PLSB-11-10 (720-60515-6), PLSB-11-5.5 (720-60515-5), PLSB-7-12 (720-60515-4). The samples was re-analyzed with concurring results, and the second set of data has been reported.

Method(s) 8260B: Internal standard (ISTD) response for the following samples was outside control limits: PLSB-12-4.5 (720-60515-8). The samples was re-analyzed with concurring results, and the second set of data has been reported.

Method(s) 8260B: The continuing calibration verification (CCV) associated with batch 168841 recovered above the upper control limit for 2,2-dichloropropane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: PLSB-12-4.5 (720-60515-8).

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

GC/MS Semi VOA

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

Metals

Method(s) 6010B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for prep batch 168788 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method(s) 6010B: The following sample(s) was diluted due to the abundance of non-target analyte Fe: PLSB-10-15 (720-60515-2), PLSB-11-10 (720-60515-6), PLSB-11-5.5 (720-60515-5), PLSB-12-10 (720-60515-7), PLSB-12-4.5 (720-60515-8). Elevated reporting limits (RLs) are provided.

Method(s) 6010B: The following sample(s) was diluted due to the abundance of non-target analyte Ca: PLSB-7-8 (720-60515-3). Elevated reporting limits (RLs) are provided.

Method(s) 6010B: The serial dilution performed for the following sample(s) associated with prep batch 168788 was outside control limits: (720-60515-1 SD)

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

General Chemistry

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

Organic Prep

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

Detection Summary

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60515-1

Client Sample ID: PLSB-10-10

Lab Sample ID: 720-60515-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	8.0		2.8		mg/Kg	4		6010B	Total/NA
Beryllium	0.57		0.28		mg/Kg	4		6010B	Total/NA
Cadmium	0.35		0.35		mg/Kg	4		6010B	Total/NA
Chromium	87		1.4		mg/Kg	4		6010B	Total/NA
Copper	44		4.2		mg/Kg	4		6010B	Total/NA
Lead	14		1.4		mg/Kg	4		6010B	Total/NA
Nickel	100		1.4		mg/Kg	4		6010B	Total/NA
Zinc	70		4.2		mg/Kg	4		6010B	Total/NA
Mercury	0.47		0.0090		mg/Kg	1		7471A	Total/NA

Client Sample ID: PLSB-10-15

Lab Sample ID: 720-60515-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	3.9		2.8		mg/Kg	4		6010B	Total/NA
Beryllium	0.33		0.28		mg/Kg	4		6010B	Total/NA
Chromium	66		1.4		mg/Kg	4		6010B	Total/NA
Copper	33		4.1		mg/Kg	4		6010B	Total/NA
Lead	4.8		1.4		mg/Kg	4		6010B	Total/NA
Nickel	90		1.4		mg/Kg	4		6010B	Total/NA
Zinc	48		4.1		mg/Kg	4		6010B	Total/NA
Mercury	0.058		0.0092		mg/Kg	1		7471A	Total/NA

Client Sample ID: PLSB-7-8

Lab Sample ID: 720-60515-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium	46		1.7		mg/Kg	4		6010B	Total/NA
Copper	18		5.0		mg/Kg	4		6010B	Total/NA
Lead	2.7		1.7		mg/Kg	4		6010B	Total/NA
Nickel	58		1.7		mg/Kg	4		6010B	Total/NA
Zinc	28		5.0		mg/Kg	4		6010B	Total/NA
Mercury	0.067		0.0091		mg/Kg	1		7471A	Total/NA

Client Sample ID: PLSB-7-12

Lab Sample ID: 720-60515-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	0.58		0.38		mg/Kg	1		6010B	Total/NA
Arsenic	4.3		0.76		mg/Kg	1		6010B	Total/NA
Beryllium	0.21		0.076		mg/Kg	1		6010B	Total/NA
Cadmium	0.13		0.095		mg/Kg	1		6010B	Total/NA
Chromium	50		0.38		mg/Kg	1		6010B	Total/NA
Copper	22		1.1		mg/Kg	1		6010B	Total/NA
Lead	2.8		0.38		mg/Kg	1		6010B	Total/NA
Nickel	61		0.38		mg/Kg	1		6010B	Total/NA
Zinc	33		1.1		mg/Kg	1		6010B	Total/NA
Mercury	0.049		0.0090		mg/Kg	1		7471A	Total/NA

Client Sample ID: PLSB-11-5.5

Lab Sample ID: 720-60515-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	3.8		2.5		mg/Kg	4		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Pleasanton

Detection Summary

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60515-1

Client Sample ID: PLSB-11-5.5 (Continued)

Lab Sample ID: 720-60515-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Beryllium	0.66		0.25		mg/Kg	4		6010B	Total/NA
Chromium	69		1.2		mg/Kg	4		6010B	Total/NA
Copper	36		3.7		mg/Kg	4		6010B	Total/NA
Lead	6.9		1.2		mg/Kg	4		6010B	Total/NA
Nickel	84		1.2		mg/Kg	4		6010B	Total/NA
Zinc	64		3.7		mg/Kg	4		6010B	Total/NA
Mercury	0.11		0.0095		mg/Kg	1		7471A	Total/NA

Client Sample ID: PLSB-11-10

Lab Sample ID: 720-60515-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	22		2.7		mg/Kg	4		6010B	Total/NA
Beryllium	0.38		0.27		mg/Kg	4		6010B	Total/NA
Cadmium	0.72		0.34		mg/Kg	4		6010B	Total/NA
Chromium	61		1.4		mg/Kg	4		6010B	Total/NA
Copper	37		4.1		mg/Kg	4		6010B	Total/NA
Lead	5.9		1.4		mg/Kg	4		6010B	Total/NA
Nickel	110		1.4		mg/Kg	4		6010B	Total/NA
Zinc	45		4.1		mg/Kg	4		6010B	Total/NA
Mercury	0.082		0.0088		mg/Kg	1		7471A	Total/NA

Client Sample ID: PLSB-12-10

Lab Sample ID: 720-60515-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	3.8		2.7		mg/Kg	4		6010B	Total/NA
Beryllium	0.41		0.27		mg/Kg	4		6010B	Total/NA
Chromium	61		1.3		mg/Kg	4		6010B	Total/NA
Copper	29		4.0		mg/Kg	4		6010B	Total/NA
Lead	5.7		1.3		mg/Kg	4		6010B	Total/NA
Nickel	78		1.3		mg/Kg	4		6010B	Total/NA
Zinc	49		4.0		mg/Kg	4		6010B	Total/NA
Mercury	0.17		0.0092		mg/Kg	1		7471A	Total/NA

Client Sample ID: PLSB-12-4.5

Lab Sample ID: 720-60515-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	6.9		2.9		mg/Kg	4		6010B	Total/NA
Beryllium	0.61		0.29		mg/Kg	4		6010B	Total/NA
Chromium	78		1.5		mg/Kg	4		6010B	Total/NA
Copper	38		4.4		mg/Kg	4		6010B	Total/NA
Lead	12		1.5		mg/Kg	4		6010B	Total/NA
Nickel	110		1.5		mg/Kg	4		6010B	Total/NA
Zinc	68		4.4		mg/Kg	4		6010B	Total/NA
Mercury	3.0		0.090		mg/Kg	10		7471A	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60515-1

Client Sample ID: PLSB-10-10

Lab Sample ID: 720-60515-1

Date Collected: 10/09/14 18:18

Matrix: Solid

Date Received: 10/10/14 18:45

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		3.9		ug/Kg		10/10/14 21:45	10/15/14 16:06	1
Acetone	ND		39		ug/Kg		10/10/14 21:45	10/15/14 16:06	1
Benzene	ND		3.9		ug/Kg		10/10/14 21:45	10/15/14 16:06	1
Dichlorobromomethane	ND		3.9		ug/Kg		10/10/14 21:45	10/15/14 16:06	1
Bromobenzene	ND	*	3.9		ug/Kg		10/10/14 21:45	10/15/14 16:06	1
Chlorobromomethane	ND		15		ug/Kg		10/10/14 21:45	10/15/14 16:06	1
Bromoform	ND		3.9		ug/Kg		10/10/14 21:45	10/15/14 16:06	1
Bromomethane	ND		7.7		ug/Kg		10/10/14 21:45	10/15/14 16:06	1
2-Butanone (MEK)	ND		39		ug/Kg		10/10/14 21:45	10/15/14 16:06	1
n-Butylbenzene	ND	*	3.9		ug/Kg		10/10/14 21:45	10/15/14 16:06	1
sec-Butylbenzene	ND	*	3.9		ug/Kg		10/10/14 21:45	10/15/14 16:06	1
tert-Butylbenzene	ND	*	3.9		ug/Kg		10/10/14 21:45	10/15/14 16:06	1
Carbon disulfide	ND		3.9		ug/Kg		10/10/14 21:45	10/15/14 16:06	1
Carbon tetrachloride	ND		3.9		ug/Kg		10/10/14 21:45	10/15/14 16:06	1
Chlorobenzene	ND		3.9		ug/Kg		10/10/14 21:45	10/15/14 16:06	1
Chloroethane	ND		7.7		ug/Kg		10/10/14 21:45	10/15/14 16:06	1
Chloroform	ND		3.9		ug/Kg		10/10/14 21:45	10/15/14 16:06	1
Chloromethane	ND		7.7		ug/Kg		10/10/14 21:45	10/15/14 16:06	1
2-Chlorotoluene	ND	*	3.9		ug/Kg		10/10/14 21:45	10/15/14 16:06	1
4-Chlorotoluene	ND	*	3.9		ug/Kg		10/10/14 21:45	10/15/14 16:06	1
Chlorodibromomethane	ND		3.9		ug/Kg		10/10/14 21:45	10/15/14 16:06	1
1,2-Dichlorobenzene	ND	*	3.9		ug/Kg		10/10/14 21:45	10/15/14 16:06	1
1,3-Dichlorobenzene	ND	*	3.9		ug/Kg		10/10/14 21:45	10/15/14 16:06	1
1,4-Dichlorobenzene	ND	*	3.9		ug/Kg		10/10/14 21:45	10/15/14 16:06	1
1,3-Dichloropropane	ND		3.9		ug/Kg		10/10/14 21:45	10/15/14 16:06	1
1,1-Dichloropropene	ND		3.9		ug/Kg		10/10/14 21:45	10/15/14 16:06	1
1,2-Dibromo-3-Chloropropane	ND	*	7.7		ug/Kg		10/10/14 21:45	10/15/14 16:06	1
Ethylene Dibromide	ND		3.9		ug/Kg		10/10/14 21:45	10/15/14 16:06	1
Dibromomethane	ND		7.7		ug/Kg		10/10/14 21:45	10/15/14 16:06	1
Dichlorodifluoromethane	ND		7.7		ug/Kg		10/10/14 21:45	10/15/14 16:06	1
1,1-Dichloroethane	ND		3.9		ug/Kg		10/10/14 21:45	10/15/14 16:06	1
1,2-Dichloroethane	ND		3.9		ug/Kg		10/10/14 21:45	10/15/14 16:06	1
1,1-Dichloroethene	ND		3.9		ug/Kg		10/10/14 21:45	10/15/14 16:06	1
cis-1,2-Dichloroethene	ND		3.9		ug/Kg		10/10/14 21:45	10/15/14 16:06	1
trans-1,2-Dichloroethene	ND		3.9		ug/Kg		10/10/14 21:45	10/15/14 16:06	1
1,2-Dichloropropane	ND		3.9		ug/Kg		10/10/14 21:45	10/15/14 16:06	1
cis-1,3-Dichloropropene	ND		3.9		ug/Kg		10/10/14 21:45	10/15/14 16:06	1
trans-1,3-Dichloropropene	ND		3.9		ug/Kg		10/10/14 21:45	10/15/14 16:06	1
Ethylbenzene	ND		3.9		ug/Kg		10/10/14 21:45	10/15/14 16:06	1
Hexachlorobutadiene	ND	*	3.9		ug/Kg		10/10/14 21:45	10/15/14 16:06	1
2-Hexanone	ND		39		ug/Kg		10/10/14 21:45	10/15/14 16:06	1
Isopropylbenzene	ND		3.9		ug/Kg		10/10/14 21:45	10/15/14 16:06	1
4-Isopropyltoluene	ND	*	3.9		ug/Kg		10/10/14 21:45	10/15/14 16:06	1
Methylene Chloride	ND		7.7		ug/Kg		10/10/14 21:45	10/15/14 16:06	1
4-Methyl-2-pentanone (MIBK)	ND		39		ug/Kg		10/10/14 21:45	10/15/14 16:06	1
Naphthalene	ND	*	7.7		ug/Kg		10/10/14 21:45	10/15/14 16:06	1
N-Propylbenzene	ND	*	3.9		ug/Kg		10/10/14 21:45	10/15/14 16:06	1
Styrene	ND		3.9		ug/Kg		10/10/14 21:45	10/15/14 16:06	1
1,1,1,2-Tetrachloroethane	ND		3.9		ug/Kg		10/10/14 21:45	10/15/14 16:06	1

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60515-1

Client Sample ID: PLSB-10-10

Lab Sample ID: 720-60515-1

Date Collected: 10/09/14 18:18

Matrix: Solid

Date Received: 10/10/14 18:45

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND	*	3.9		ug/Kg		10/10/14 21:45	10/15/14 16:06	1
Tetrachloroethene	ND		3.9		ug/Kg		10/10/14 21:45	10/15/14 16:06	1
Toluene	ND		3.9		ug/Kg		10/10/14 21:45	10/15/14 16:06	1
1,2,3-Trichlorobenzene	ND	*	3.9		ug/Kg		10/10/14 21:45	10/15/14 16:06	1
1,2,4-Trichlorobenzene	ND	*	3.9		ug/Kg		10/10/14 21:45	10/15/14 16:06	1
1,1,1-Trichloroethane	ND		3.9		ug/Kg		10/10/14 21:45	10/15/14 16:06	1
1,1,2-Trichloroethane	ND		3.9		ug/Kg		10/10/14 21:45	10/15/14 16:06	1
Trichloroethene	ND		3.9		ug/Kg		10/10/14 21:45	10/15/14 16:06	1
Trichlorofluoromethane	ND		3.9		ug/Kg		10/10/14 21:45	10/15/14 16:06	1
1,2,3-Trichloropropane	ND	*	3.9		ug/Kg		10/10/14 21:45	10/15/14 16:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		3.9		ug/Kg		10/10/14 21:45	10/15/14 16:06	1
1,2,4-Trimethylbenzene	ND	*	3.9		ug/Kg		10/10/14 21:45	10/15/14 16:06	1
1,3,5-Trimethylbenzene	ND	*	3.9		ug/Kg		10/10/14 21:45	10/15/14 16:06	1
Vinyl acetate	ND		15		ug/Kg		10/10/14 21:45	10/15/14 16:06	1
Vinyl chloride	ND		3.9		ug/Kg		10/10/14 21:45	10/15/14 16:06	1
Xylenes, Total	ND		7.7		ug/Kg		10/10/14 21:45	10/15/14 16:06	1
2,2-Dichloropropane	ND		3.9		ug/Kg		10/10/14 21:45	10/15/14 16:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	82		45 - 131	10/10/14 21:45	10/15/14 16:06	1
1,2-Dichloroethane-d4 (Surr)	88		60 - 140	10/10/14 21:45	10/15/14 16:06	1
Toluene-d8 (Surr)	87		58 - 140	10/10/14 21:45	10/15/14 16:06	1

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 23:04	1
Bis(2-chloroethyl)ether	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 23:04	1
2-Chlorophenol	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 23:04	1
1,3-Dichlorobenzene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 23:04	1
1,4-Dichlorobenzene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 23:04	1
Benzyl alcohol	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 23:04	1
1,2-Dichlorobenzene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 23:04	1
2-Methylphenol	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 23:04	1
Methylphenol, 3 & 4	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 23:04	1
N-Nitrosodi-n-propylamine	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 23:04	1
Hexachloroethane	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 23:04	1
Nitrobenzene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 23:04	1
Isophorone	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 23:04	1
2-Nitrophenol	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 23:04	1
2,4-Dimethylphenol	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 23:04	1
Bis(2-chloroethoxy)methane	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 23:04	1
2,4-Dichlorophenol	ND		0.33		mg/Kg		10/14/14 22:47	10/16/14 23:04	1
1,2,4-Trichlorobenzene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 23:04	1
Naphthalene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 23:04	1
4-Chloroaniline	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 23:04	1
Hexachlorobutadiene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 23:04	1
4-Chloro-3-methylphenol	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 23:04	1
2-Methylnaphthalene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 23:04	1
Hexachlorocyclopentadiene	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 23:04	1
2,4,6-Trichlorophenol	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 23:04	1

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60515-1

Client Sample ID: PLSB-10-10

Lab Sample ID: 720-60515-1

Date Collected: 10/09/14 18:18

Matrix: Solid

Date Received: 10/10/14 18:45

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 23:04	1
2-Chloronaphthalene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 23:04	1
2-Nitroaniline	ND		0.33		mg/Kg		10/14/14 22:47	10/16/14 23:04	1
Dimethyl phthalate	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 23:04	1
Acenaphthylene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 23:04	1
3-Nitroaniline	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 23:04	1
Acenaphthene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 23:04	1
2,4-Dinitrophenol	ND		0.65		mg/Kg		10/14/14 22:47	10/16/14 23:04	1
4-Nitrophenol	ND		0.33		mg/Kg		10/14/14 22:47	10/16/14 23:04	1
Dibenzofuran	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 23:04	1
2,4-Dinitrotoluene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 23:04	1
2,6-Dinitrotoluene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 23:04	1
Diethyl phthalate	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 23:04	1
4-Chlorophenyl phenyl ether	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 23:04	1
Fluorene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 23:04	1
4-Nitroaniline	ND		0.33		mg/Kg		10/14/14 22:47	10/16/14 23:04	1
2-Methyl-4,6-dinitrophenol	ND		0.33		mg/Kg		10/14/14 22:47	10/16/14 23:04	1
N-Nitrosodiphenylamine	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 23:04	1
4-Bromophenyl phenyl ether	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 23:04	1
Hexachlorobenzene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 23:04	1
Pentachlorophenol	ND		0.33		mg/Kg		10/14/14 22:47	10/16/14 23:04	1
Phenanthrene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 23:04	1
Anthracene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 23:04	1
Di-n-butyl phthalate	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 23:04	1
Fluoranthene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 23:04	1
Pyrene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 23:04	1
Butyl benzyl phthalate	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 23:04	1
3,3'-Dichlorobenzidine	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 23:04	1
Benzo[a]anthracene	ND		0.33		mg/Kg		10/14/14 22:47	10/16/14 23:04	1
Bis(2-ethylhexyl) phthalate	ND		0.33		mg/Kg		10/14/14 22:47	10/16/14 23:04	1
Chrysene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 23:04	1
Di-n-octyl phthalate	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 23:04	1
Benzo[b]fluoranthene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 23:04	1
Benzo[a]pyrene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 23:04	1
Benzo[k]fluoranthene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 23:04	1
Indeno[1,2,3-cd]pyrene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 23:04	1
Benzo[g,h,i]perylene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 23:04	1
Benzoic acid	ND		0.33		mg/Kg		10/14/14 22:47	10/16/14 23:04	1
Azobenzene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 23:04	1
Dibenz(a,h)anthracene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 23:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	74		21 - 98	10/14/14 22:47	10/16/14 23:04	1
2-Fluorobiphenyl	78		30 - 112	10/14/14 22:47	10/16/14 23:04	1
Terphenyl-d14	90		32 - 117	10/14/14 22:47	10/16/14 23:04	1
2-Fluorophenol	57		28 - 98	10/14/14 22:47	10/16/14 23:04	1
Phenol-d5	57		23 - 101	10/14/14 22:47	10/16/14 23:04	1
2,4,6-Tribromophenol	68		37 - 114	10/14/14 22:47	10/16/14 23:04	1

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
 Project/Site: Philips San Jose

TestAmerica Job ID: 720-60515-1

Client Sample ID: PLSB-10-10

Lab Sample ID: 720-60515-1

Date Collected: 10/09/14 18:18

Matrix: Solid

Date Received: 10/10/14 18:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.4		mg/Kg		10/14/14 13:12	10/15/14 03:43	4
Arsenic	8.0		2.8		mg/Kg		10/14/14 13:12	10/15/14 03:43	4
Beryllium	0.57		0.28		mg/Kg		10/14/14 13:12	10/15/14 03:43	4
Cadmium	0.35		0.35		mg/Kg		10/14/14 13:12	10/15/14 03:43	4
Chromium	87		1.4		mg/Kg		10/14/14 13:12	10/15/14 03:43	4
Copper	44		4.2		mg/Kg		10/14/14 13:12	10/15/14 03:43	4
Lead	14		1.4		mg/Kg		10/14/14 13:12	10/15/14 03:43	4
Nickel	100		1.4		mg/Kg		10/14/14 13:12	10/15/14 03:43	4
Selenium	ND		2.8		mg/Kg		10/14/14 13:12	10/15/14 03:43	4
Silver	ND		0.70		mg/Kg		10/14/14 13:12	10/15/14 18:34	4
Zinc	70		4.2		mg/Kg		10/14/14 13:12	10/15/14 03:43	4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.47		0.0090		mg/Kg		10/16/14 21:03	10/17/14 14:55	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.47		mg/Kg		10/15/14 14:45	10/15/14 17:17	1

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60515-1

Client Sample ID: PLSB-10-15

Lab Sample ID: 720-60515-2

Date Collected: 10/09/14 18:33

Matrix: Solid

Date Received: 10/10/14 18:45

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		3.0		ug/Kg		10/10/14 21:45	10/15/14 16:35	1
Acetone	ND		30		ug/Kg		10/10/14 21:45	10/15/14 16:35	1
Benzene	ND		3.0		ug/Kg		10/10/14 21:45	10/15/14 16:35	1
Dichlorobromomethane	ND		3.0		ug/Kg		10/10/14 21:45	10/15/14 16:35	1
Bromobenzene	ND	*	3.0		ug/Kg		10/10/14 21:45	10/15/14 16:35	1
Chlorobromomethane	ND		12		ug/Kg		10/10/14 21:45	10/15/14 16:35	1
Bromoform	ND		3.0		ug/Kg		10/10/14 21:45	10/15/14 16:35	1
Bromomethane	ND		6.0		ug/Kg		10/10/14 21:45	10/15/14 16:35	1
2-Butanone (MEK)	ND		30		ug/Kg		10/10/14 21:45	10/15/14 16:35	1
n-Butylbenzene	ND	*	3.0		ug/Kg		10/10/14 21:45	10/15/14 16:35	1
sec-Butylbenzene	ND	*	3.0		ug/Kg		10/10/14 21:45	10/15/14 16:35	1
tert-Butylbenzene	ND	*	3.0		ug/Kg		10/10/14 21:45	10/15/14 16:35	1
Carbon disulfide	ND		3.0		ug/Kg		10/10/14 21:45	10/15/14 16:35	1
Carbon tetrachloride	ND		3.0		ug/Kg		10/10/14 21:45	10/15/14 16:35	1
Chlorobenzene	ND		3.0		ug/Kg		10/10/14 21:45	10/15/14 16:35	1
Chloroethane	ND		6.0		ug/Kg		10/10/14 21:45	10/15/14 16:35	1
Chloroform	ND		3.0		ug/Kg		10/10/14 21:45	10/15/14 16:35	1
Chloromethane	ND		6.0		ug/Kg		10/10/14 21:45	10/15/14 16:35	1
2-Chlorotoluene	ND	*	3.0		ug/Kg		10/10/14 21:45	10/15/14 16:35	1
4-Chlorotoluene	ND	*	3.0		ug/Kg		10/10/14 21:45	10/15/14 16:35	1
Chlorodibromomethane	ND		3.0		ug/Kg		10/10/14 21:45	10/15/14 16:35	1
1,2-Dichlorobenzene	ND	*	3.0		ug/Kg		10/10/14 21:45	10/15/14 16:35	1
1,3-Dichlorobenzene	ND	*	3.0		ug/Kg		10/10/14 21:45	10/15/14 16:35	1
1,4-Dichlorobenzene	ND	*	3.0		ug/Kg		10/10/14 21:45	10/15/14 16:35	1
1,3-Dichloropropane	ND		3.0		ug/Kg		10/10/14 21:45	10/15/14 16:35	1
1,1-Dichloropropene	ND		3.0		ug/Kg		10/10/14 21:45	10/15/14 16:35	1
1,2-Dibromo-3-Chloropropane	ND	*	6.0		ug/Kg		10/10/14 21:45	10/15/14 16:35	1
Ethylene Dibromide	ND		3.0		ug/Kg		10/10/14 21:45	10/15/14 16:35	1
Dibromomethane	ND		6.0		ug/Kg		10/10/14 21:45	10/15/14 16:35	1
Dichlorodifluoromethane	ND		6.0		ug/Kg		10/10/14 21:45	10/15/14 16:35	1
1,1-Dichloroethane	ND		3.0		ug/Kg		10/10/14 21:45	10/15/14 16:35	1
1,2-Dichloroethane	ND		3.0		ug/Kg		10/10/14 21:45	10/15/14 16:35	1
1,1-Dichloroethene	ND		3.0		ug/Kg		10/10/14 21:45	10/15/14 16:35	1
cis-1,2-Dichloroethene	ND		3.0		ug/Kg		10/10/14 21:45	10/15/14 16:35	1
trans-1,2-Dichloroethene	ND		3.0		ug/Kg		10/10/14 21:45	10/15/14 16:35	1
1,2-Dichloropropane	ND		3.0		ug/Kg		10/10/14 21:45	10/15/14 16:35	1
cis-1,3-Dichloropropene	ND		3.0		ug/Kg		10/10/14 21:45	10/15/14 16:35	1
trans-1,3-Dichloropropene	ND		3.0		ug/Kg		10/10/14 21:45	10/15/14 16:35	1
Ethylbenzene	ND		3.0		ug/Kg		10/10/14 21:45	10/15/14 16:35	1
Hexachlorobutadiene	ND	*	3.0		ug/Kg		10/10/14 21:45	10/15/14 16:35	1
2-Hexanone	ND		30		ug/Kg		10/10/14 21:45	10/15/14 16:35	1
Isopropylbenzene	ND		3.0		ug/Kg		10/10/14 21:45	10/15/14 16:35	1
4-Isopropyltoluene	ND	*	3.0		ug/Kg		10/10/14 21:45	10/15/14 16:35	1
Methylene Chloride	ND		6.0		ug/Kg		10/10/14 21:45	10/15/14 16:35	1
4-Methyl-2-pentanone (MIBK)	ND		30		ug/Kg		10/10/14 21:45	10/15/14 16:35	1
Naphthalene	ND	*	6.0		ug/Kg		10/10/14 21:45	10/15/14 16:35	1
N-Propylbenzene	ND	*	3.0		ug/Kg		10/10/14 21:45	10/15/14 16:35	1
Styrene	ND		3.0		ug/Kg		10/10/14 21:45	10/15/14 16:35	1
1,1,1,2-Tetrachloroethane	ND		3.0		ug/Kg		10/10/14 21:45	10/15/14 16:35	1

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60515-1

Client Sample ID: PLSB-10-15

Lab Sample ID: 720-60515-2

Date Collected: 10/09/14 18:33

Matrix: Solid

Date Received: 10/10/14 18:45

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND	*	3.0		ug/Kg		10/10/14 21:45	10/15/14 16:35	1
Tetrachloroethene	ND		3.0		ug/Kg		10/10/14 21:45	10/15/14 16:35	1
Toluene	ND		3.0		ug/Kg		10/10/14 21:45	10/15/14 16:35	1
1,2,3-Trichlorobenzene	ND	*	3.0		ug/Kg		10/10/14 21:45	10/15/14 16:35	1
1,2,4-Trichlorobenzene	ND	*	3.0		ug/Kg		10/10/14 21:45	10/15/14 16:35	1
1,1,1-Trichloroethane	ND		3.0		ug/Kg		10/10/14 21:45	10/15/14 16:35	1
1,1,2-Trichloroethane	ND		3.0		ug/Kg		10/10/14 21:45	10/15/14 16:35	1
Trichloroethene	ND		3.0		ug/Kg		10/10/14 21:45	10/15/14 16:35	1
Trichlorofluoromethane	ND		3.0		ug/Kg		10/10/14 21:45	10/15/14 16:35	1
1,2,3-Trichloropropane	ND	*	3.0		ug/Kg		10/10/14 21:45	10/15/14 16:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		3.0		ug/Kg		10/10/14 21:45	10/15/14 16:35	1
1,2,4-Trimethylbenzene	ND	*	3.0		ug/Kg		10/10/14 21:45	10/15/14 16:35	1
1,3,5-Trimethylbenzene	ND	*	3.0		ug/Kg		10/10/14 21:45	10/15/14 16:35	1
Vinyl acetate	ND		12		ug/Kg		10/10/14 21:45	10/15/14 16:35	1
Vinyl chloride	ND		3.0		ug/Kg		10/10/14 21:45	10/15/14 16:35	1
Xylenes, Total	ND		6.0		ug/Kg		10/10/14 21:45	10/15/14 16:35	1
2,2-Dichloropropane	ND		3.0		ug/Kg		10/10/14 21:45	10/15/14 16:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	86		45 - 131	10/10/14 21:45	10/15/14 16:35	1
1,2-Dichloroethane-d4 (Surr)	96		60 - 140	10/10/14 21:45	10/15/14 16:35	1
Toluene-d8 (Surr)	87		58 - 140	10/10/14 21:45	10/15/14 16:35	1

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 19:05	1
Bis(2-chloroethyl)ether	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 19:05	1
2-Chlorophenol	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 19:05	1
1,3-Dichlorobenzene	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 19:05	1
1,4-Dichlorobenzene	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 19:05	1
Benzyl alcohol	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 19:05	1
1,2-Dichlorobenzene	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 19:05	1
2-Methylphenol	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 19:05	1
Methylphenol, 3 & 4	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 19:05	1
N-Nitrosodi-n-propylamine	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 19:05	1
Hexachloroethane	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 19:05	1
Nitrobenzene	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 19:05	1
Isophorone	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 19:05	1
2-Nitrophenol	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 19:05	1
2,4-Dimethylphenol	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 19:05	1
Bis(2-chloroethoxy)methane	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 19:05	1
2,4-Dichlorophenol	ND		0.33		mg/Kg		10/14/14 22:47	10/16/14 19:05	1
1,2,4-Trichlorobenzene	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 19:05	1
Naphthalene	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 19:05	1
4-Chloroaniline	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 19:05	1
Hexachlorobutadiene	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 19:05	1
4-Chloro-3-methylphenol	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 19:05	1
2-Methylnaphthalene	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 19:05	1
Hexachlorocyclopentadiene	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 19:05	1
2,4,6-Trichlorophenol	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 19:05	1

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60515-1

Client Sample ID: PLSB-10-15

Lab Sample ID: 720-60515-2

Date Collected: 10/09/14 18:33

Matrix: Solid

Date Received: 10/10/14 18:45

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 19:05	1
2-Chloronaphthalene	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 19:05	1
2-Nitroaniline	ND		0.33		mg/Kg		10/14/14 22:47	10/16/14 19:05	1
Dimethyl phthalate	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 19:05	1
Acenaphthylene	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 19:05	1
3-Nitroaniline	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 19:05	1
Acenaphthene	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 19:05	1
2,4-Dinitrophenol	ND		0.66		mg/Kg		10/14/14 22:47	10/16/14 19:05	1
4-Nitrophenol	ND		0.33		mg/Kg		10/14/14 22:47	10/16/14 19:05	1
Dibenzofuran	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 19:05	1
2,4-Dinitrotoluene	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 19:05	1
2,6-Dinitrotoluene	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 19:05	1
Diethyl phthalate	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 19:05	1
4-Chlorophenyl phenyl ether	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 19:05	1
Fluorene	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 19:05	1
4-Nitroaniline	ND		0.33		mg/Kg		10/14/14 22:47	10/16/14 19:05	1
2-Methyl-4,6-dinitrophenol	ND		0.33		mg/Kg		10/14/14 22:47	10/16/14 19:05	1
N-Nitrosodiphenylamine	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 19:05	1
4-Bromophenyl phenyl ether	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 19:05	1
Hexachlorobenzene	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 19:05	1
Pentachlorophenol	ND		0.33		mg/Kg		10/14/14 22:47	10/16/14 19:05	1
Phenanthrene	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 19:05	1
Anthracene	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 19:05	1
Di-n-butyl phthalate	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 19:05	1
Fluoranthene	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 19:05	1
Pyrene	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 19:05	1
Butyl benzyl phthalate	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 19:05	1
3,3'-Dichlorobenzidine	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 19:05	1
Benzo[a]anthracene	ND		0.33		mg/Kg		10/14/14 22:47	10/16/14 19:05	1
Bis(2-ethylhexyl) phthalate	ND		0.33		mg/Kg		10/14/14 22:47	10/16/14 19:05	1
Chrysene	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 19:05	1
Di-n-octyl phthalate	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 19:05	1
Benzo[b]fluoranthene	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 19:05	1
Benzo[a]pyrene	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 19:05	1
Benzo[k]fluoranthene	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 19:05	1
Indeno[1,2,3-cd]pyrene	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 19:05	1
Benzo[g,h,i]perylene	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 19:05	1
Benzoic acid	ND		0.33		mg/Kg		10/14/14 22:47	10/16/14 19:05	1
Azobenzene	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 19:05	1
Dibenz(a,h)anthracene	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 19:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	69		21 - 98	10/14/14 22:47	10/16/14 19:05	1
2-Fluorobiphenyl	75		30 - 112	10/14/14 22:47	10/16/14 19:05	1
Terphenyl-d14	83		32 - 117	10/14/14 22:47	10/16/14 19:05	1
2-Fluorophenol	52		28 - 98	10/14/14 22:47	10/16/14 19:05	1
Phenol-d5	53		23 - 101	10/14/14 22:47	10/16/14 19:05	1
2,4,6-Tribromophenol	70		37 - 114	10/14/14 22:47	10/16/14 19:05	1

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
 Project/Site: Philips San Jose

TestAmerica Job ID: 720-60515-1

Client Sample ID: PLSB-10-15

Lab Sample ID: 720-60515-2

Date Collected: 10/09/14 18:33

Matrix: Solid

Date Received: 10/10/14 18:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.4		mg/Kg		10/14/14 13:12	10/15/14 18:39	4
Arsenic	3.9		2.8		mg/Kg		10/14/14 13:12	10/15/14 18:39	4
Beryllium	0.33		0.28		mg/Kg		10/14/14 13:12	10/15/14 18:39	4
Cadmium	ND		0.34		mg/Kg		10/14/14 13:12	10/15/14 18:39	4
Chromium	66		1.4		mg/Kg		10/14/14 13:12	10/15/14 18:39	4
Copper	33		4.1		mg/Kg		10/14/14 13:12	10/15/14 18:39	4
Lead	4.8		1.4		mg/Kg		10/14/14 13:12	10/15/14 18:39	4
Nickel	90		1.4		mg/Kg		10/14/14 13:12	10/15/14 18:39	4
Selenium	ND		2.8		mg/Kg		10/14/14 13:12	10/15/14 18:39	4
Silver	ND		0.69		mg/Kg		10/14/14 13:12	10/15/14 18:39	4
Zinc	48		4.1		mg/Kg		10/14/14 13:12	10/15/14 18:39	4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.058		0.0092		mg/Kg		10/16/14 21:03	10/17/14 14:57	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.50		mg/Kg		10/15/14 14:45	10/15/14 17:17	1

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60515-1

Client Sample ID: PLSB-7-8

Lab Sample ID: 720-60515-3

Date Collected: 10/10/14 11:22

Matrix: Solid

Date Received: 10/10/14 18:45

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		3.5		ug/Kg		10/10/14 21:45	10/15/14 17:04	1
Acetone	ND		35		ug/Kg		10/10/14 21:45	10/15/14 17:04	1
Benzene	ND		3.5		ug/Kg		10/10/14 21:45	10/15/14 17:04	1
Dichlorobromomethane	ND		3.5		ug/Kg		10/10/14 21:45	10/15/14 17:04	1
Bromobenzene	ND		3.5		ug/Kg		10/10/14 21:45	10/15/14 17:04	1
Chlorobromomethane	ND		14		ug/Kg		10/10/14 21:45	10/15/14 17:04	1
Bromoform	ND		3.5		ug/Kg		10/10/14 21:45	10/15/14 17:04	1
Bromomethane	ND		7.0		ug/Kg		10/10/14 21:45	10/15/14 17:04	1
2-Butanone (MEK)	ND		35		ug/Kg		10/10/14 21:45	10/15/14 17:04	1
n-Butylbenzene	ND		3.5		ug/Kg		10/10/14 21:45	10/15/14 17:04	1
sec-Butylbenzene	ND		3.5		ug/Kg		10/10/14 21:45	10/15/14 17:04	1
tert-Butylbenzene	ND		3.5		ug/Kg		10/10/14 21:45	10/15/14 17:04	1
Carbon disulfide	ND		3.5		ug/Kg		10/10/14 21:45	10/15/14 17:04	1
Carbon tetrachloride	ND		3.5		ug/Kg		10/10/14 21:45	10/15/14 17:04	1
Chlorobenzene	ND		3.5		ug/Kg		10/10/14 21:45	10/15/14 17:04	1
Chloroethane	ND		7.0		ug/Kg		10/10/14 21:45	10/15/14 17:04	1
Chloroform	ND		3.5		ug/Kg		10/10/14 21:45	10/15/14 17:04	1
Chloromethane	ND		7.0		ug/Kg		10/10/14 21:45	10/15/14 17:04	1
2-Chlorotoluene	ND		3.5		ug/Kg		10/10/14 21:45	10/15/14 17:04	1
4-Chlorotoluene	ND		3.5		ug/Kg		10/10/14 21:45	10/15/14 17:04	1
Chlorodibromomethane	ND		3.5		ug/Kg		10/10/14 21:45	10/15/14 17:04	1
1,2-Dichlorobenzene	ND		3.5		ug/Kg		10/10/14 21:45	10/15/14 17:04	1
1,3-Dichlorobenzene	ND		3.5		ug/Kg		10/10/14 21:45	10/15/14 17:04	1
1,4-Dichlorobenzene	ND		3.5		ug/Kg		10/10/14 21:45	10/15/14 17:04	1
1,3-Dichloropropane	ND		3.5		ug/Kg		10/10/14 21:45	10/15/14 17:04	1
1,1-Dichloropropene	ND		3.5		ug/Kg		10/10/14 21:45	10/15/14 17:04	1
1,2-Dibromo-3-Chloropropane	ND		7.0		ug/Kg		10/10/14 21:45	10/15/14 17:04	1
Ethylene Dibromide	ND		3.5		ug/Kg		10/10/14 21:45	10/15/14 17:04	1
Dibromomethane	ND		7.0		ug/Kg		10/10/14 21:45	10/15/14 17:04	1
Dichlorodifluoromethane	ND		7.0		ug/Kg		10/10/14 21:45	10/15/14 17:04	1
1,1-Dichloroethane	ND		3.5		ug/Kg		10/10/14 21:45	10/15/14 17:04	1
1,2-Dichloroethane	ND		3.5		ug/Kg		10/10/14 21:45	10/15/14 17:04	1
1,1-Dichloroethene	ND		3.5		ug/Kg		10/10/14 21:45	10/15/14 17:04	1
cis-1,2-Dichloroethene	ND		3.5		ug/Kg		10/10/14 21:45	10/15/14 17:04	1
trans-1,2-Dichloroethene	ND		3.5		ug/Kg		10/10/14 21:45	10/15/14 17:04	1
1,2-Dichloropropane	ND		3.5		ug/Kg		10/10/14 21:45	10/15/14 17:04	1
cis-1,3-Dichloropropene	ND		3.5		ug/Kg		10/10/14 21:45	10/15/14 17:04	1
trans-1,3-Dichloropropene	ND		3.5		ug/Kg		10/10/14 21:45	10/15/14 17:04	1
Ethylbenzene	ND		3.5		ug/Kg		10/10/14 21:45	10/15/14 17:04	1
Hexachlorobutadiene	ND		3.5		ug/Kg		10/10/14 21:45	10/15/14 17:04	1
2-Hexanone	ND		35		ug/Kg		10/10/14 21:45	10/15/14 17:04	1
Isopropylbenzene	ND		3.5		ug/Kg		10/10/14 21:45	10/15/14 17:04	1
4-Isopropyltoluene	ND		3.5		ug/Kg		10/10/14 21:45	10/15/14 17:04	1
Methylene Chloride	ND		7.0		ug/Kg		10/10/14 21:45	10/15/14 17:04	1
4-Methyl-2-pentanone (MIBK)	ND		35		ug/Kg		10/10/14 21:45	10/15/14 17:04	1
Naphthalene	ND		7.0		ug/Kg		10/10/14 21:45	10/15/14 17:04	1
N-Propylbenzene	ND		3.5		ug/Kg		10/10/14 21:45	10/15/14 17:04	1
Styrene	ND		3.5		ug/Kg		10/10/14 21:45	10/15/14 17:04	1
1,1,1,2-Tetrachloroethane	ND		3.5		ug/Kg		10/10/14 21:45	10/15/14 17:04	1

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60515-1

Client Sample ID: PLSB-7-8

Lab Sample ID: 720-60515-3

Date Collected: 10/10/14 11:22

Matrix: Solid

Date Received: 10/10/14 18:45

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		3.5		ug/Kg		10/10/14 21:45	10/15/14 17:04	1
Tetrachloroethene	ND		3.5		ug/Kg		10/10/14 21:45	10/15/14 17:04	1
Toluene	ND		3.5		ug/Kg		10/10/14 21:45	10/15/14 17:04	1
1,2,3-Trichlorobenzene	ND		3.5		ug/Kg		10/10/14 21:45	10/15/14 17:04	1
1,2,4-Trichlorobenzene	ND		3.5		ug/Kg		10/10/14 21:45	10/15/14 17:04	1
1,1,1-Trichloroethane	ND		3.5		ug/Kg		10/10/14 21:45	10/15/14 17:04	1
1,1,2-Trichloroethane	ND		3.5		ug/Kg		10/10/14 21:45	10/15/14 17:04	1
Trichloroethene	ND		3.5		ug/Kg		10/10/14 21:45	10/15/14 17:04	1
Trichlorofluoromethane	ND		3.5		ug/Kg		10/10/14 21:45	10/15/14 17:04	1
1,2,3-Trichloropropane	ND		3.5		ug/Kg		10/10/14 21:45	10/15/14 17:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		3.5		ug/Kg		10/10/14 21:45	10/15/14 17:04	1
1,2,4-Trimethylbenzene	ND		3.5		ug/Kg		10/10/14 21:45	10/15/14 17:04	1
1,3,5-Trimethylbenzene	ND		3.5		ug/Kg		10/10/14 21:45	10/15/14 17:04	1
Vinyl acetate	ND		14		ug/Kg		10/10/14 21:45	10/15/14 17:04	1
Vinyl chloride	ND		3.5		ug/Kg		10/10/14 21:45	10/15/14 17:04	1
Xylenes, Total	ND		7.0		ug/Kg		10/10/14 21:45	10/15/14 17:04	1
2,2-Dichloropropane	ND		3.5		ug/Kg		10/10/14 21:45	10/15/14 17:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	92		45 - 131	10/10/14 21:45	10/15/14 17:04	1
1,2-Dichloroethane-d4 (Surr)	95		60 - 140	10/10/14 21:45	10/15/14 17:04	1
Toluene-d8 (Surr)	88		58 - 140	10/10/14 21:45	10/15/14 17:04	1

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 19:29	1
Bis(2-chloroethyl)ether	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 19:29	1
2-Chlorophenol	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 19:29	1
1,3-Dichlorobenzene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 19:29	1
1,4-Dichlorobenzene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 19:29	1
Benzyl alcohol	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 19:29	1
1,2-Dichlorobenzene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 19:29	1
2-Methylphenol	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 19:29	1
Methylphenol, 3 & 4	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 19:29	1
N-Nitrosodi-n-propylamine	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 19:29	1
Hexachloroethane	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 19:29	1
Nitrobenzene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 19:29	1
Isophorone	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 19:29	1
2-Nitrophenol	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 19:29	1
2,4-Dimethylphenol	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 19:29	1
Bis(2-chloroethoxy)methane	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 19:29	1
2,4-Dichlorophenol	ND		0.33		mg/Kg		10/14/14 22:47	10/16/14 19:29	1
1,2,4-Trichlorobenzene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 19:29	1
Naphthalene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 19:29	1
4-Chloroaniline	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 19:29	1
Hexachlorobutadiene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 19:29	1
4-Chloro-3-methylphenol	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 19:29	1
2-Methylnaphthalene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 19:29	1
Hexachlorocyclopentadiene	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 19:29	1
2,4,6-Trichlorophenol	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 19:29	1

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60515-1

Client Sample ID: PLSB-7-8

Lab Sample ID: 720-60515-3

Date Collected: 10/10/14 11:22

Matrix: Solid

Date Received: 10/10/14 18:45

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 19:29	1
2-Chloronaphthalene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 19:29	1
2-Nitroaniline	ND		0.33		mg/Kg		10/14/14 22:47	10/16/14 19:29	1
Dimethyl phthalate	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 19:29	1
Acenaphthylene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 19:29	1
3-Nitroaniline	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 19:29	1
Acenaphthene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 19:29	1
2,4-Dinitrophenol	ND		0.65		mg/Kg		10/14/14 22:47	10/16/14 19:29	1
4-Nitrophenol	ND		0.33		mg/Kg		10/14/14 22:47	10/16/14 19:29	1
Dibenzofuran	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 19:29	1
2,4-Dinitrotoluene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 19:29	1
2,6-Dinitrotoluene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 19:29	1
Diethyl phthalate	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 19:29	1
4-Chlorophenyl phenyl ether	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 19:29	1
Fluorene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 19:29	1
4-Nitroaniline	ND		0.33		mg/Kg		10/14/14 22:47	10/16/14 19:29	1
2-Methyl-4,6-dinitrophenol	ND		0.33		mg/Kg		10/14/14 22:47	10/16/14 19:29	1
N-Nitrosodiphenylamine	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 19:29	1
4-Bromophenyl phenyl ether	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 19:29	1
Hexachlorobenzene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 19:29	1
Pentachlorophenol	ND		0.33		mg/Kg		10/14/14 22:47	10/16/14 19:29	1
Phenanthrene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 19:29	1
Anthracene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 19:29	1
Di-n-butyl phthalate	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 19:29	1
Fluoranthene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 19:29	1
Pyrene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 19:29	1
Butyl benzyl phthalate	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 19:29	1
3,3'-Dichlorobenzidine	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 19:29	1
Benzo[a]anthracene	ND		0.33		mg/Kg		10/14/14 22:47	10/16/14 19:29	1
Bis(2-ethylhexyl) phthalate	ND		0.33		mg/Kg		10/14/14 22:47	10/16/14 19:29	1
Chrysene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 19:29	1
Di-n-octyl phthalate	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 19:29	1
Benzo[b]fluoranthene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 19:29	1
Benzo[a]pyrene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 19:29	1
Benzo[k]fluoranthene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 19:29	1
Indeno[1,2,3-cd]pyrene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 19:29	1
Benzo[g,h,i]perylene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 19:29	1
Benzoic acid	ND		0.33		mg/Kg		10/14/14 22:47	10/16/14 19:29	1
Azobenzene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 19:29	1
Dibenz(a,h)anthracene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 19:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	60		21 - 98	10/14/14 22:47	10/16/14 19:29	1
2-Fluorobiphenyl	60		30 - 112	10/14/14 22:47	10/16/14 19:29	1
Terphenyl-d14	69		32 - 117	10/14/14 22:47	10/16/14 19:29	1
2-Fluorophenol	39		28 - 98	10/14/14 22:47	10/16/14 19:29	1
Phenol-d5	40		23 - 101	10/14/14 22:47	10/16/14 19:29	1
2,4,6-Tribromophenol	40		37 - 114	10/14/14 22:47	10/16/14 19:29	1

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
 Project/Site: Philips San Jose

TestAmerica Job ID: 720-60515-1

Client Sample ID: PLSB-7-8

Lab Sample ID: 720-60515-3

Date Collected: 10/10/14 11:22

Matrix: Solid

Date Received: 10/10/14 18:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.7		mg/Kg		10/14/14 13:12	10/15/14 18:43	4
Arsenic	ND		3.3		mg/Kg		10/14/14 13:12	10/15/14 18:43	4
Beryllium	ND		0.33		mg/Kg		10/14/14 13:12	10/15/14 18:43	4
Cadmium	ND		0.42		mg/Kg		10/14/14 13:12	10/15/14 18:43	4
Chromium	46		1.7		mg/Kg		10/14/14 13:12	10/15/14 18:43	4
Copper	18		5.0		mg/Kg		10/14/14 13:12	10/15/14 18:43	4
Lead	2.7		1.7		mg/Kg		10/14/14 13:12	10/15/14 18:43	4
Nickel	58		1.7		mg/Kg		10/14/14 13:12	10/15/14 18:43	4
Selenium	ND		3.3		mg/Kg		10/14/14 13:12	10/15/14 18:43	4
Silver	ND		0.83		mg/Kg		10/14/14 13:12	10/15/14 18:43	4
Zinc	28		5.0		mg/Kg		10/14/14 13:12	10/15/14 18:43	4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.067		0.0091		mg/Kg		10/16/14 21:03	10/17/14 15:00	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.47		mg/Kg		10/15/14 14:45	10/15/14 17:18	1

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60515-1

Client Sample ID: PLSB-7-12

Lab Sample ID: 720-60515-4

Date Collected: 10/10/14 11:32

Matrix: Solid

Date Received: 10/10/14 18:45

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		3.7		ug/Kg		10/10/14 21:45	10/15/14 17:33	1
Acetone	ND		37		ug/Kg		10/10/14 21:45	10/15/14 17:33	1
Benzene	ND		3.7		ug/Kg		10/10/14 21:45	10/15/14 17:33	1
Dichlorobromomethane	ND		3.7		ug/Kg		10/10/14 21:45	10/15/14 17:33	1
Bromobenzene	ND	*	3.7		ug/Kg		10/10/14 21:45	10/15/14 17:33	1
Chlorobromomethane	ND		15		ug/Kg		10/10/14 21:45	10/15/14 17:33	1
Bromoform	ND		3.7		ug/Kg		10/10/14 21:45	10/15/14 17:33	1
Bromomethane	ND		7.4		ug/Kg		10/10/14 21:45	10/15/14 17:33	1
2-Butanone (MEK)	ND		37		ug/Kg		10/10/14 21:45	10/15/14 17:33	1
n-Butylbenzene	ND	*	3.7		ug/Kg		10/10/14 21:45	10/15/14 17:33	1
sec-Butylbenzene	ND	*	3.7		ug/Kg		10/10/14 21:45	10/15/14 17:33	1
tert-Butylbenzene	ND	*	3.7		ug/Kg		10/10/14 21:45	10/15/14 17:33	1
Carbon disulfide	ND		3.7		ug/Kg		10/10/14 21:45	10/15/14 17:33	1
Carbon tetrachloride	ND		3.7		ug/Kg		10/10/14 21:45	10/15/14 17:33	1
Chlorobenzene	ND		3.7		ug/Kg		10/10/14 21:45	10/15/14 17:33	1
Chloroethane	ND		7.4		ug/Kg		10/10/14 21:45	10/15/14 17:33	1
Chloroform	ND		3.7		ug/Kg		10/10/14 21:45	10/15/14 17:33	1
Chloromethane	ND		7.4		ug/Kg		10/10/14 21:45	10/15/14 17:33	1
2-Chlorotoluene	ND	*	3.7		ug/Kg		10/10/14 21:45	10/15/14 17:33	1
4-Chlorotoluene	ND	*	3.7		ug/Kg		10/10/14 21:45	10/15/14 17:33	1
Chlorodibromomethane	ND		3.7		ug/Kg		10/10/14 21:45	10/15/14 17:33	1
1,2-Dichlorobenzene	ND	*	3.7		ug/Kg		10/10/14 21:45	10/15/14 17:33	1
1,3-Dichlorobenzene	ND	*	3.7		ug/Kg		10/10/14 21:45	10/15/14 17:33	1
1,4-Dichlorobenzene	ND	*	3.7		ug/Kg		10/10/14 21:45	10/15/14 17:33	1
1,3-Dichloropropane	ND		3.7		ug/Kg		10/10/14 21:45	10/15/14 17:33	1
1,1-Dichloropropene	ND		3.7		ug/Kg		10/10/14 21:45	10/15/14 17:33	1
1,2-Dibromo-3-Chloropropane	ND	*	7.4		ug/Kg		10/10/14 21:45	10/15/14 17:33	1
Ethylene Dibromide	ND		3.7		ug/Kg		10/10/14 21:45	10/15/14 17:33	1
Dibromomethane	ND		7.4		ug/Kg		10/10/14 21:45	10/15/14 17:33	1
Dichlorodifluoromethane	ND		7.4		ug/Kg		10/10/14 21:45	10/15/14 17:33	1
1,1-Dichloroethane	ND		3.7		ug/Kg		10/10/14 21:45	10/15/14 17:33	1
1,2-Dichloroethane	ND		3.7		ug/Kg		10/10/14 21:45	10/15/14 17:33	1
1,1-Dichloroethene	ND		3.7		ug/Kg		10/10/14 21:45	10/15/14 17:33	1
cis-1,2-Dichloroethene	ND		3.7		ug/Kg		10/10/14 21:45	10/15/14 17:33	1
trans-1,2-Dichloroethene	ND		3.7		ug/Kg		10/10/14 21:45	10/15/14 17:33	1
1,2-Dichloropropane	ND		3.7		ug/Kg		10/10/14 21:45	10/15/14 17:33	1
cis-1,3-Dichloropropene	ND		3.7		ug/Kg		10/10/14 21:45	10/15/14 17:33	1
trans-1,3-Dichloropropene	ND		3.7		ug/Kg		10/10/14 21:45	10/15/14 17:33	1
Ethylbenzene	ND		3.7		ug/Kg		10/10/14 21:45	10/15/14 17:33	1
Hexachlorobutadiene	ND	*	3.7		ug/Kg		10/10/14 21:45	10/15/14 17:33	1
2-Hexanone	ND		37		ug/Kg		10/10/14 21:45	10/15/14 17:33	1
Isopropylbenzene	ND		3.7		ug/Kg		10/10/14 21:45	10/15/14 17:33	1
4-Isopropyltoluene	ND	*	3.7		ug/Kg		10/10/14 21:45	10/15/14 17:33	1
Methylene Chloride	ND		7.4		ug/Kg		10/10/14 21:45	10/15/14 17:33	1
4-Methyl-2-pentanone (MIBK)	ND		37		ug/Kg		10/10/14 21:45	10/15/14 17:33	1
Naphthalene	ND	*	7.4		ug/Kg		10/10/14 21:45	10/15/14 17:33	1
N-Propylbenzene	ND	*	3.7		ug/Kg		10/10/14 21:45	10/15/14 17:33	1
Styrene	ND		3.7		ug/Kg		10/10/14 21:45	10/15/14 17:33	1
1,1,1,2-Tetrachloroethane	ND		3.7		ug/Kg		10/10/14 21:45	10/15/14 17:33	1

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60515-1

Client Sample ID: PLSB-7-12

Lab Sample ID: 720-60515-4

Date Collected: 10/10/14 11:32

Matrix: Solid

Date Received: 10/10/14 18:45

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND	*	3.7		ug/Kg		10/10/14 21:45	10/15/14 17:33	1
Tetrachloroethene	ND		3.7		ug/Kg		10/10/14 21:45	10/15/14 17:33	1
Toluene	ND		3.7		ug/Kg		10/10/14 21:45	10/15/14 17:33	1
1,2,3-Trichlorobenzene	ND	*	3.7		ug/Kg		10/10/14 21:45	10/15/14 17:33	1
1,2,4-Trichlorobenzene	ND	*	3.7		ug/Kg		10/10/14 21:45	10/15/14 17:33	1
1,1,1-Trichloroethane	ND		3.7		ug/Kg		10/10/14 21:45	10/15/14 17:33	1
1,1,2-Trichloroethane	ND		3.7		ug/Kg		10/10/14 21:45	10/15/14 17:33	1
Trichloroethene	ND		3.7		ug/Kg		10/10/14 21:45	10/15/14 17:33	1
Trichlorofluoromethane	ND		3.7		ug/Kg		10/10/14 21:45	10/15/14 17:33	1
1,2,3-Trichloropropane	ND	*	3.7		ug/Kg		10/10/14 21:45	10/15/14 17:33	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		3.7		ug/Kg		10/10/14 21:45	10/15/14 17:33	1
1,2,4-Trimethylbenzene	ND	*	3.7		ug/Kg		10/10/14 21:45	10/15/14 17:33	1
1,3,5-Trimethylbenzene	ND	*	3.7		ug/Kg		10/10/14 21:45	10/15/14 17:33	1
Vinyl acetate	ND		15		ug/Kg		10/10/14 21:45	10/15/14 17:33	1
Vinyl chloride	ND		3.7		ug/Kg		10/10/14 21:45	10/15/14 17:33	1
Xylenes, Total	ND		7.4		ug/Kg		10/10/14 21:45	10/15/14 17:33	1
2,2-Dichloropropane	ND		3.7		ug/Kg		10/10/14 21:45	10/15/14 17:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	92		45 - 131	10/10/14 21:45	10/15/14 17:33	1
1,2-Dichloroethane-d4 (Surr)	103		60 - 140	10/10/14 21:45	10/15/14 17:33	1
Toluene-d8 (Surr)	88		58 - 140	10/10/14 21:45	10/15/14 17:33	1

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 19:53	1
Bis(2-chloroethyl)ether	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 19:53	1
2-Chlorophenol	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 19:53	1
1,3-Dichlorobenzene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 19:53	1
1,4-Dichlorobenzene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 19:53	1
Benzyl alcohol	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 19:53	1
1,2-Dichlorobenzene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 19:53	1
2-Methylphenol	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 19:53	1
Methylphenol, 3 & 4	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 19:53	1
N-Nitrosodi-n-propylamine	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 19:53	1
Hexachloroethane	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 19:53	1
Nitrobenzene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 19:53	1
Isophorone	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 19:53	1
2-Nitrophenol	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 19:53	1
2,4-Dimethylphenol	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 19:53	1
Bis(2-chloroethoxy)methane	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 19:53	1
2,4-Dichlorophenol	ND		0.33		mg/Kg		10/14/14 22:47	10/16/14 19:53	1
1,2,4-Trichlorobenzene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 19:53	1
Naphthalene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 19:53	1
4-Chloroaniline	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 19:53	1
Hexachlorobutadiene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 19:53	1
4-Chloro-3-methylphenol	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 19:53	1
2-Methylnaphthalene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 19:53	1
Hexachlorocyclopentadiene	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 19:53	1
2,4,6-Trichlorophenol	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 19:53	1

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60515-1

Client Sample ID: PLSB-7-12

Lab Sample ID: 720-60515-4

Date Collected: 10/10/14 11:32

Matrix: Solid

Date Received: 10/10/14 18:45

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 19:53	1
2-Chloronaphthalene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 19:53	1
2-Nitroaniline	ND		0.33		mg/Kg		10/14/14 22:47	10/16/14 19:53	1
Dimethyl phthalate	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 19:53	1
Acenaphthylene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 19:53	1
3-Nitroaniline	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 19:53	1
Acenaphthene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 19:53	1
2,4-Dinitrophenol	ND		0.65		mg/Kg		10/14/14 22:47	10/16/14 19:53	1
4-Nitrophenol	ND		0.33		mg/Kg		10/14/14 22:47	10/16/14 19:53	1
Dibenzofuran	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 19:53	1
2,4-Dinitrotoluene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 19:53	1
2,6-Dinitrotoluene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 19:53	1
Diethyl phthalate	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 19:53	1
4-Chlorophenyl phenyl ether	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 19:53	1
Fluorene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 19:53	1
4-Nitroaniline	ND		0.33		mg/Kg		10/14/14 22:47	10/16/14 19:53	1
2-Methyl-4,6-dinitrophenol	ND		0.33		mg/Kg		10/14/14 22:47	10/16/14 19:53	1
N-Nitrosodiphenylamine	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 19:53	1
4-Bromophenyl phenyl ether	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 19:53	1
Hexachlorobenzene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 19:53	1
Pentachlorophenol	ND		0.33		mg/Kg		10/14/14 22:47	10/16/14 19:53	1
Phenanthrene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 19:53	1
Anthracene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 19:53	1
Di-n-butyl phthalate	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 19:53	1
Fluoranthene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 19:53	1
Pyrene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 19:53	1
Butyl benzyl phthalate	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 19:53	1
3,3'-Dichlorobenzidine	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 19:53	1
Benzo[a]anthracene	ND		0.33		mg/Kg		10/14/14 22:47	10/16/14 19:53	1
Bis(2-ethylhexyl) phthalate	ND		0.33		mg/Kg		10/14/14 22:47	10/16/14 19:53	1
Chrysene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 19:53	1
Di-n-octyl phthalate	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 19:53	1
Benzo[b]fluoranthene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 19:53	1
Benzo[a]pyrene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 19:53	1
Benzo[k]fluoranthene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 19:53	1
Indeno[1,2,3-cd]pyrene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 19:53	1
Benzo[g,h,i]perylene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 19:53	1
Benzoic acid	ND		0.33		mg/Kg		10/14/14 22:47	10/16/14 19:53	1
Azobenzene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 19:53	1
Dibenz(a,h)anthracene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 19:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	59		21 - 98				10/14/14 22:47	10/16/14 19:53	1
2-Fluorobiphenyl	64		30 - 112				10/14/14 22:47	10/16/14 19:53	1
Terphenyl-d14	73		32 - 117				10/14/14 22:47	10/16/14 19:53	1
2-Fluorophenol	45		28 - 98				10/14/14 22:47	10/16/14 19:53	1
Phenol-d5	44		23 - 101				10/14/14 22:47	10/16/14 19:53	1
2,4,6-Tribromophenol	60		37 - 114				10/14/14 22:47	10/16/14 19:53	1

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
 Project/Site: Philips San Jose

TestAmerica Job ID: 720-60515-1

Client Sample ID: PLSB-7-12

Lab Sample ID: 720-60515-4

Date Collected: 10/10/14 11:32

Matrix: Solid

Date Received: 10/10/14 18:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.58		0.38		mg/Kg		10/14/14 13:12	10/16/14 23:03	1
Arsenic	4.3		0.76		mg/Kg		10/14/14 13:12	10/16/14 23:03	1
Beryllium	0.21		0.076		mg/Kg		10/14/14 13:12	10/16/14 23:03	1
Cadmium	0.13		0.095		mg/Kg		10/14/14 13:12	10/16/14 23:03	1
Chromium	50		0.38		mg/Kg		10/14/14 13:12	10/16/14 23:03	1
Copper	22		1.1		mg/Kg		10/14/14 13:12	10/16/14 23:03	1
Lead	2.8		0.38		mg/Kg		10/14/14 13:12	10/16/14 23:03	1
Nickel	61		0.38		mg/Kg		10/14/14 13:12	10/16/14 23:03	1
Selenium	ND		0.76		mg/Kg		10/14/14 13:12	10/16/14 23:03	1
Silver	ND		0.19		mg/Kg		10/14/14 13:12	10/16/14 23:03	1
Zinc	33		1.1		mg/Kg		10/14/14 13:12	10/16/14 23:03	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.049		0.0090		mg/Kg		10/16/14 21:03	10/17/14 15:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.43		mg/Kg		10/15/14 14:45	10/15/14 17:18	1

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60515-1

Client Sample ID: PLSB-11-5.5

Lab Sample ID: 720-60515-5

Date Collected: 10/10/14 13:52

Matrix: Solid

Date Received: 10/10/14 18:45

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		4.0		ug/Kg		10/10/14 21:45	10/15/14 18:02	1
Acetone	ND		40		ug/Kg		10/10/14 21:45	10/15/14 18:02	1
Benzene	ND		4.0		ug/Kg		10/10/14 21:45	10/15/14 18:02	1
Dichlorobromomethane	ND		4.0		ug/Kg		10/10/14 21:45	10/15/14 18:02	1
Bromobenzene	ND	*	4.0		ug/Kg		10/10/14 21:45	10/15/14 18:02	1
Chlorobromomethane	ND		16		ug/Kg		10/10/14 21:45	10/15/14 18:02	1
Bromoform	ND	*	4.0		ug/Kg		10/10/14 21:45	10/15/14 18:02	1
Bromomethane	ND		7.9		ug/Kg		10/10/14 21:45	10/15/14 18:02	1
2-Butanone (MEK)	ND		40		ug/Kg		10/10/14 21:45	10/15/14 18:02	1
n-Butylbenzene	ND	*	4.0		ug/Kg		10/10/14 21:45	10/15/14 18:02	1
sec-Butylbenzene	ND	*	4.0		ug/Kg		10/10/14 21:45	10/15/14 18:02	1
tert-Butylbenzene	ND	*	4.0		ug/Kg		10/10/14 21:45	10/15/14 18:02	1
Carbon disulfide	ND		4.0		ug/Kg		10/10/14 21:45	10/15/14 18:02	1
Carbon tetrachloride	ND		4.0		ug/Kg		10/10/14 21:45	10/15/14 18:02	1
Chlorobenzene	ND	*	4.0		ug/Kg		10/10/14 21:45	10/15/14 18:02	1
Chloroethane	ND		7.9		ug/Kg		10/10/14 21:45	10/15/14 18:02	1
Chloroform	ND		4.0		ug/Kg		10/10/14 21:45	10/15/14 18:02	1
Chloromethane	ND		7.9		ug/Kg		10/10/14 21:45	10/15/14 18:02	1
2-Chlorotoluene	ND	*	4.0		ug/Kg		10/10/14 21:45	10/15/14 18:02	1
4-Chlorotoluene	ND	*	4.0		ug/Kg		10/10/14 21:45	10/15/14 18:02	1
Chlorodibromomethane	ND		4.0		ug/Kg		10/10/14 21:45	10/15/14 18:02	1
1,2-Dichlorobenzene	ND	*	4.0		ug/Kg		10/10/14 21:45	10/15/14 18:02	1
1,3-Dichlorobenzene	ND	*	4.0		ug/Kg		10/10/14 21:45	10/15/14 18:02	1
1,4-Dichlorobenzene	ND	*	4.0		ug/Kg		10/10/14 21:45	10/15/14 18:02	1
1,3-Dichloropropane	ND		4.0		ug/Kg		10/10/14 21:45	10/15/14 18:02	1
1,1-Dichloropropene	ND		4.0		ug/Kg		10/10/14 21:45	10/15/14 18:02	1
1,2-Dibromo-3-Chloropropane	ND	*	7.9		ug/Kg		10/10/14 21:45	10/15/14 18:02	1
Ethylene Dibromide	ND		4.0		ug/Kg		10/10/14 21:45	10/15/14 18:02	1
Dibromomethane	ND		7.9		ug/Kg		10/10/14 21:45	10/15/14 18:02	1
Dichlorodifluoromethane	ND		7.9		ug/Kg		10/10/14 21:45	10/15/14 18:02	1
1,1-Dichloroethane	ND		4.0		ug/Kg		10/10/14 21:45	10/15/14 18:02	1
1,2-Dichloroethane	ND		4.0		ug/Kg		10/10/14 21:45	10/15/14 18:02	1
1,1-Dichloroethene	ND		4.0		ug/Kg		10/10/14 21:45	10/15/14 18:02	1
cis-1,2-Dichloroethene	ND		4.0		ug/Kg		10/10/14 21:45	10/15/14 18:02	1
trans-1,2-Dichloroethene	ND		4.0		ug/Kg		10/10/14 21:45	10/15/14 18:02	1
1,2-Dichloropropane	ND		4.0		ug/Kg		10/10/14 21:45	10/15/14 18:02	1
cis-1,3-Dichloropropene	ND		4.0		ug/Kg		10/10/14 21:45	10/15/14 18:02	1
trans-1,3-Dichloropropene	ND		4.0		ug/Kg		10/10/14 21:45	10/15/14 18:02	1
Ethylbenzene	ND	*	4.0		ug/Kg		10/10/14 21:45	10/15/14 18:02	1
Hexachlorobutadiene	ND	*	4.0		ug/Kg		10/10/14 21:45	10/15/14 18:02	1
2-Hexanone	ND		40		ug/Kg		10/10/14 21:45	10/15/14 18:02	1
Isopropylbenzene	ND	*	4.0		ug/Kg		10/10/14 21:45	10/15/14 18:02	1
4-Isopropyltoluene	ND	*	4.0		ug/Kg		10/10/14 21:45	10/15/14 18:02	1
Methylene Chloride	ND		7.9		ug/Kg		10/10/14 21:45	10/15/14 18:02	1
4-Methyl-2-pentanone (MIBK)	ND		40		ug/Kg		10/10/14 21:45	10/15/14 18:02	1
Naphthalene	ND	*	7.9		ug/Kg		10/10/14 21:45	10/15/14 18:02	1
N-Propylbenzene	ND	*	4.0		ug/Kg		10/10/14 21:45	10/15/14 18:02	1
Styrene	ND	*	4.0		ug/Kg		10/10/14 21:45	10/15/14 18:02	1
1,1,1,2-Tetrachloroethane	ND	*	4.0		ug/Kg		10/10/14 21:45	10/15/14 18:02	1

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60515-1

Client Sample ID: PLSB-11-5.5

Lab Sample ID: 720-60515-5

Date Collected: 10/10/14 13:52

Matrix: Solid

Date Received: 10/10/14 18:45

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND	*	4.0		ug/Kg		10/10/14 21:45	10/15/14 18:02	1
Tetrachloroethene	ND		4.0		ug/Kg		10/10/14 21:45	10/15/14 18:02	1
Toluene	ND	*	4.0		ug/Kg		10/10/14 21:45	10/15/14 18:02	1
1,2,3-Trichlorobenzene	ND	*	4.0		ug/Kg		10/10/14 21:45	10/15/14 18:02	1
1,2,4-Trichlorobenzene	ND	*	4.0		ug/Kg		10/10/14 21:45	10/15/14 18:02	1
1,1,1-Trichloroethane	ND		4.0		ug/Kg		10/10/14 21:45	10/15/14 18:02	1
1,1,2-Trichloroethane	ND		4.0		ug/Kg		10/10/14 21:45	10/15/14 18:02	1
Trichloroethene	ND		4.0		ug/Kg		10/10/14 21:45	10/15/14 18:02	1
Trichlorofluoromethane	ND		4.0		ug/Kg		10/10/14 21:45	10/15/14 18:02	1
1,2,3-Trichloropropane	ND	*	4.0		ug/Kg		10/10/14 21:45	10/15/14 18:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.0		ug/Kg		10/10/14 21:45	10/15/14 18:02	1
1,2,4-Trimethylbenzene	ND	*	4.0		ug/Kg		10/10/14 21:45	10/15/14 18:02	1
1,3,5-Trimethylbenzene	ND	*	4.0		ug/Kg		10/10/14 21:45	10/15/14 18:02	1
Vinyl acetate	ND		16		ug/Kg		10/10/14 21:45	10/15/14 18:02	1
Vinyl chloride	ND		4.0		ug/Kg		10/10/14 21:45	10/15/14 18:02	1
Xylenes, Total	ND		7.9		ug/Kg		10/10/14 21:45	10/15/14 18:02	1
2,2-Dichloropropane	ND		4.0		ug/Kg		10/10/14 21:45	10/15/14 18:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	78	*	45 - 131	10/10/14 21:45	10/15/14 18:02	1
1,2-Dichloroethane-d4 (Surr)	100		60 - 140	10/10/14 21:45	10/15/14 18:02	1
Toluene-d8 (Surr)	83		58 - 140	10/10/14 21:45	10/15/14 18:02	1

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 20:17	1
Bis(2-chloroethyl)ether	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 20:17	1
2-Chlorophenol	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 20:17	1
1,3-Dichlorobenzene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 20:17	1
1,4-Dichlorobenzene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 20:17	1
Benzyl alcohol	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 20:17	1
1,2-Dichlorobenzene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 20:17	1
2-Methylphenol	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 20:17	1
Methylphenol, 3 & 4	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 20:17	1
N-Nitrosodi-n-propylamine	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 20:17	1
Hexachloroethane	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 20:17	1
Nitrobenzene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 20:17	1
Isophorone	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 20:17	1
2-Nitrophenol	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 20:17	1
2,4-Dimethylphenol	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 20:17	1
Bis(2-chloroethoxy)methane	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 20:17	1
2,4-Dichlorophenol	ND		0.33		mg/Kg		10/14/14 22:47	10/16/14 20:17	1
1,2,4-Trichlorobenzene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 20:17	1
Naphthalene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 20:17	1
4-Chloroaniline	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 20:17	1
Hexachlorobutadiene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 20:17	1
4-Chloro-3-methylphenol	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 20:17	1
2-Methylnaphthalene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 20:17	1
Hexachlorocyclopentadiene	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 20:17	1
2,4,6-Trichlorophenol	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 20:17	1

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60515-1

Client Sample ID: PLSB-11-5.5

Lab Sample ID: 720-60515-5

Date Collected: 10/10/14 13:52

Matrix: Solid

Date Received: 10/10/14 18:45

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 20:17	1
2-Chloronaphthalene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 20:17	1
2-Nitroaniline	ND		0.33		mg/Kg		10/14/14 22:47	10/16/14 20:17	1
Dimethyl phthalate	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 20:17	1
Acenaphthylene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 20:17	1
3-Nitroaniline	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 20:17	1
Acenaphthene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 20:17	1
2,4-Dinitrophenol	ND		0.65		mg/Kg		10/14/14 22:47	10/16/14 20:17	1
4-Nitrophenol	ND		0.33		mg/Kg		10/14/14 22:47	10/16/14 20:17	1
Dibenzofuran	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 20:17	1
2,4-Dinitrotoluene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 20:17	1
2,6-Dinitrotoluene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 20:17	1
Diethyl phthalate	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 20:17	1
4-Chlorophenyl phenyl ether	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 20:17	1
Fluorene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 20:17	1
4-Nitroaniline	ND		0.33		mg/Kg		10/14/14 22:47	10/16/14 20:17	1
2-Methyl-4,6-dinitrophenol	ND		0.33		mg/Kg		10/14/14 22:47	10/16/14 20:17	1
N-Nitrosodiphenylamine	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 20:17	1
4-Bromophenyl phenyl ether	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 20:17	1
Hexachlorobenzene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 20:17	1
Pentachlorophenol	ND		0.33		mg/Kg		10/14/14 22:47	10/16/14 20:17	1
Phenanthrene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 20:17	1
Anthracene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 20:17	1
Di-n-butyl phthalate	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 20:17	1
Fluoranthene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 20:17	1
Pyrene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 20:17	1
Butyl benzyl phthalate	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 20:17	1
3,3'-Dichlorobenzidine	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 20:17	1
Benzo[a]anthracene	ND		0.33		mg/Kg		10/14/14 22:47	10/16/14 20:17	1
Bis(2-ethylhexyl) phthalate	ND		0.33		mg/Kg		10/14/14 22:47	10/16/14 20:17	1
Chrysene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 20:17	1
Di-n-octyl phthalate	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 20:17	1
Benzo[b]fluoranthene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 20:17	1
Benzo[a]pyrene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 20:17	1
Benzo[k]fluoranthene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 20:17	1
Indeno[1,2,3-cd]pyrene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 20:17	1
Benzo[g,h,i]perylene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 20:17	1
Benzoic acid	ND		0.33		mg/Kg		10/14/14 22:47	10/16/14 20:17	1
Azobenzene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 20:17	1
Dibenz(a,h)anthracene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 20:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	74		21 - 98	10/14/14 22:47	10/16/14 20:17	1
2-Fluorobiphenyl	80		30 - 112	10/14/14 22:47	10/16/14 20:17	1
Terphenyl-d14	91		32 - 117	10/14/14 22:47	10/16/14 20:17	1
2-Fluorophenol	56		28 - 98	10/14/14 22:47	10/16/14 20:17	1
Phenol-d5	52		23 - 101	10/14/14 22:47	10/16/14 20:17	1
2,4,6-Tribromophenol	69		37 - 114	10/14/14 22:47	10/16/14 20:17	1

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
 Project/Site: Philips San Jose

TestAmerica Job ID: 720-60515-1

Client Sample ID: PLSB-11-5.5

Lab Sample ID: 720-60515-5

Date Collected: 10/10/14 13:52

Matrix: Solid

Date Received: 10/10/14 18:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.2		mg/Kg		10/14/14 13:12	10/15/14 19:02	4
Arsenic	3.8		2.5		mg/Kg		10/14/14 13:12	10/15/14 19:02	4
Beryllium	0.66		0.25		mg/Kg		10/14/14 13:12	10/15/14 19:02	4
Cadmium	ND		0.31		mg/Kg		10/14/14 13:12	10/15/14 19:02	4
Chromium	69		1.2		mg/Kg		10/14/14 13:12	10/15/14 19:02	4
Copper	36		3.7		mg/Kg		10/14/14 13:12	10/15/14 19:02	4
Lead	6.9		1.2		mg/Kg		10/14/14 13:12	10/15/14 19:02	4
Nickel	84		1.2		mg/Kg		10/14/14 13:12	10/15/14 19:02	4
Selenium	ND		2.5		mg/Kg		10/14/14 13:12	10/15/14 19:02	4
Silver	ND		0.61		mg/Kg		10/14/14 13:12	10/15/14 19:02	4
Zinc	64		3.7		mg/Kg		10/14/14 13:12	10/15/14 19:02	4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.11		0.0095		mg/Kg		10/16/14 21:03	10/17/14 15:05	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.46		mg/Kg		10/15/14 14:45	10/15/14 17:19	1

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60515-1

Client Sample ID: PLSB-11-10

Lab Sample ID: 720-60515-6

Date Collected: 10/10/14 13:58

Matrix: Solid

Date Received: 10/10/14 18:45

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		3.7		ug/Kg		10/10/14 21:45	10/15/14 18:31	1
Acetone	ND		37		ug/Kg		10/10/14 21:45	10/15/14 18:31	1
Benzene	ND		3.7		ug/Kg		10/10/14 21:45	10/15/14 18:31	1
Dichlorobromomethane	ND		3.7		ug/Kg		10/10/14 21:45	10/15/14 18:31	1
Bromobenzene	ND	*	3.7		ug/Kg		10/10/14 21:45	10/15/14 18:31	1
Chlorobromomethane	ND		15		ug/Kg		10/10/14 21:45	10/15/14 18:31	1
Bromoform	ND		3.7		ug/Kg		10/10/14 21:45	10/15/14 18:31	1
Bromomethane	ND		7.5		ug/Kg		10/10/14 21:45	10/15/14 18:31	1
2-Butanone (MEK)	ND		37		ug/Kg		10/10/14 21:45	10/15/14 18:31	1
n-Butylbenzene	ND	*	3.7		ug/Kg		10/10/14 21:45	10/15/14 18:31	1
sec-Butylbenzene	ND	*	3.7		ug/Kg		10/10/14 21:45	10/15/14 18:31	1
tert-Butylbenzene	ND	*	3.7		ug/Kg		10/10/14 21:45	10/15/14 18:31	1
Carbon disulfide	ND		3.7		ug/Kg		10/10/14 21:45	10/15/14 18:31	1
Carbon tetrachloride	ND		3.7		ug/Kg		10/10/14 21:45	10/15/14 18:31	1
Chlorobenzene	ND		3.7		ug/Kg		10/10/14 21:45	10/15/14 18:31	1
Chloroethane	ND		7.5		ug/Kg		10/10/14 21:45	10/15/14 18:31	1
Chloroform	ND		3.7		ug/Kg		10/10/14 21:45	10/15/14 18:31	1
Chloromethane	ND		7.5		ug/Kg		10/10/14 21:45	10/15/14 18:31	1
2-Chlorotoluene	ND	*	3.7		ug/Kg		10/10/14 21:45	10/15/14 18:31	1
4-Chlorotoluene	ND	*	3.7		ug/Kg		10/10/14 21:45	10/15/14 18:31	1
Chlorodibromomethane	ND		3.7		ug/Kg		10/10/14 21:45	10/15/14 18:31	1
1,2-Dichlorobenzene	ND	*	3.7		ug/Kg		10/10/14 21:45	10/15/14 18:31	1
1,3-Dichlorobenzene	ND	*	3.7		ug/Kg		10/10/14 21:45	10/15/14 18:31	1
1,4-Dichlorobenzene	ND	*	3.7		ug/Kg		10/10/14 21:45	10/15/14 18:31	1
1,3-Dichloropropane	ND		3.7		ug/Kg		10/10/14 21:45	10/15/14 18:31	1
1,1-Dichloropropene	ND		3.7		ug/Kg		10/10/14 21:45	10/15/14 18:31	1
1,2-Dibromo-3-Chloropropane	ND	*	7.5		ug/Kg		10/10/14 21:45	10/15/14 18:31	1
Ethylene Dibromide	ND		3.7		ug/Kg		10/10/14 21:45	10/15/14 18:31	1
Dibromomethane	ND		7.5		ug/Kg		10/10/14 21:45	10/15/14 18:31	1
Dichlorodifluoromethane	ND		7.5		ug/Kg		10/10/14 21:45	10/15/14 18:31	1
1,1-Dichloroethane	ND		3.7		ug/Kg		10/10/14 21:45	10/15/14 18:31	1
1,2-Dichloroethane	ND		3.7		ug/Kg		10/10/14 21:45	10/15/14 18:31	1
1,1-Dichloroethene	ND		3.7		ug/Kg		10/10/14 21:45	10/15/14 18:31	1
cis-1,2-Dichloroethene	ND		3.7		ug/Kg		10/10/14 21:45	10/15/14 18:31	1
trans-1,2-Dichloroethene	ND		3.7		ug/Kg		10/10/14 21:45	10/15/14 18:31	1
1,2-Dichloropropane	ND		3.7		ug/Kg		10/10/14 21:45	10/15/14 18:31	1
cis-1,3-Dichloropropene	ND		3.7		ug/Kg		10/10/14 21:45	10/15/14 18:31	1
trans-1,3-Dichloropropene	ND		3.7		ug/Kg		10/10/14 21:45	10/15/14 18:31	1
Ethylbenzene	ND		3.7		ug/Kg		10/10/14 21:45	10/15/14 18:31	1
Hexachlorobutadiene	ND	*	3.7		ug/Kg		10/10/14 21:45	10/15/14 18:31	1
2-Hexanone	ND		37		ug/Kg		10/10/14 21:45	10/15/14 18:31	1
Isopropylbenzene	ND		3.7		ug/Kg		10/10/14 21:45	10/15/14 18:31	1
4-Isopropyltoluene	ND	*	3.7		ug/Kg		10/10/14 21:45	10/15/14 18:31	1
Methylene Chloride	ND		7.5		ug/Kg		10/10/14 21:45	10/15/14 18:31	1
4-Methyl-2-pentanone (MIBK)	ND		37		ug/Kg		10/10/14 21:45	10/15/14 18:31	1
Naphthalene	ND	*	7.5		ug/Kg		10/10/14 21:45	10/15/14 18:31	1
N-Propylbenzene	ND	*	3.7		ug/Kg		10/10/14 21:45	10/15/14 18:31	1
Styrene	ND		3.7		ug/Kg		10/10/14 21:45	10/15/14 18:31	1
1,1,1,2-Tetrachloroethane	ND		3.7		ug/Kg		10/10/14 21:45	10/15/14 18:31	1

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60515-1

Client Sample ID: PLSB-11-10

Lab Sample ID: 720-60515-6

Date Collected: 10/10/14 13:58

Matrix: Solid

Date Received: 10/10/14 18:45

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND	*	3.7		ug/Kg		10/10/14 21:45	10/15/14 18:31	1
Tetrachloroethene	ND		3.7		ug/Kg		10/10/14 21:45	10/15/14 18:31	1
Toluene	ND		3.7		ug/Kg		10/10/14 21:45	10/15/14 18:31	1
1,2,3-Trichlorobenzene	ND	*	3.7		ug/Kg		10/10/14 21:45	10/15/14 18:31	1
1,2,4-Trichlorobenzene	ND	*	3.7		ug/Kg		10/10/14 21:45	10/15/14 18:31	1
1,1,1-Trichloroethane	ND		3.7		ug/Kg		10/10/14 21:45	10/15/14 18:31	1
1,1,2-Trichloroethane	ND		3.7		ug/Kg		10/10/14 21:45	10/15/14 18:31	1
Trichloroethene	ND		3.7		ug/Kg		10/10/14 21:45	10/15/14 18:31	1
Trichlorofluoromethane	ND		3.7		ug/Kg		10/10/14 21:45	10/15/14 18:31	1
1,2,3-Trichloropropane	ND	*	3.7		ug/Kg		10/10/14 21:45	10/15/14 18:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		3.7		ug/Kg		10/10/14 21:45	10/15/14 18:31	1
1,2,4-Trimethylbenzene	ND	*	3.7		ug/Kg		10/10/14 21:45	10/15/14 18:31	1
1,3,5-Trimethylbenzene	ND	*	3.7		ug/Kg		10/10/14 21:45	10/15/14 18:31	1
Vinyl acetate	ND		15		ug/Kg		10/10/14 21:45	10/15/14 18:31	1
Vinyl chloride	ND		3.7		ug/Kg		10/10/14 21:45	10/15/14 18:31	1
Xylenes, Total	ND		7.5		ug/Kg		10/10/14 21:45	10/15/14 18:31	1
2,2-Dichloropropane	ND		3.7		ug/Kg		10/10/14 21:45	10/15/14 18:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	91		45 - 131	10/10/14 21:45	10/15/14 18:31	1
1,2-Dichloroethane-d4 (Surr)	101		60 - 140	10/10/14 21:45	10/15/14 18:31	1
Toluene-d8 (Surr)	86		58 - 140	10/10/14 21:45	10/15/14 18:31	1

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 20:41	1
Bis(2-chloroethyl)ether	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 20:41	1
2-Chlorophenol	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 20:41	1
1,3-Dichlorobenzene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 20:41	1
1,4-Dichlorobenzene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 20:41	1
Benzyl alcohol	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 20:41	1
1,2-Dichlorobenzene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 20:41	1
2-Methylphenol	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 20:41	1
Methylphenol, 3 & 4	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 20:41	1
N-Nitrosodi-n-propylamine	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 20:41	1
Hexachloroethane	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 20:41	1
Nitrobenzene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 20:41	1
Isophorone	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 20:41	1
2-Nitrophenol	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 20:41	1
2,4-Dimethylphenol	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 20:41	1
Bis(2-chloroethoxy)methane	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 20:41	1
2,4-Dichlorophenol	ND		0.33		mg/Kg		10/14/14 22:47	10/16/14 20:41	1
1,2,4-Trichlorobenzene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 20:41	1
Naphthalene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 20:41	1
4-Chloroaniline	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 20:41	1
Hexachlorobutadiene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 20:41	1
4-Chloro-3-methylphenol	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 20:41	1
2-Methylnaphthalene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 20:41	1
Hexachlorocyclopentadiene	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 20:41	1
2,4,6-Trichlorophenol	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 20:41	1

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60515-1

Client Sample ID: PLSB-11-10

Lab Sample ID: 720-60515-6

Date Collected: 10/10/14 13:58

Matrix: Solid

Date Received: 10/10/14 18:45

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 20:41	1
2-Chloronaphthalene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 20:41	1
2-Nitroaniline	ND		0.33		mg/Kg		10/14/14 22:47	10/16/14 20:41	1
Dimethyl phthalate	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 20:41	1
Acenaphthylene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 20:41	1
3-Nitroaniline	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 20:41	1
Acenaphthene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 20:41	1
2,4-Dinitrophenol	ND		0.65		mg/Kg		10/14/14 22:47	10/16/14 20:41	1
4-Nitrophenol	ND		0.33		mg/Kg		10/14/14 22:47	10/16/14 20:41	1
Dibenzofuran	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 20:41	1
2,4-Dinitrotoluene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 20:41	1
2,6-Dinitrotoluene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 20:41	1
Diethyl phthalate	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 20:41	1
4-Chlorophenyl phenyl ether	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 20:41	1
Fluorene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 20:41	1
4-Nitroaniline	ND		0.33		mg/Kg		10/14/14 22:47	10/16/14 20:41	1
2-Methyl-4,6-dinitrophenol	ND		0.33		mg/Kg		10/14/14 22:47	10/16/14 20:41	1
N-Nitrosodiphenylamine	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 20:41	1
4-Bromophenyl phenyl ether	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 20:41	1
Hexachlorobenzene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 20:41	1
Pentachlorophenol	ND		0.33		mg/Kg		10/14/14 22:47	10/16/14 20:41	1
Phenanthrene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 20:41	1
Anthracene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 20:41	1
Di-n-butyl phthalate	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 20:41	1
Fluoranthene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 20:41	1
Pyrene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 20:41	1
Butyl benzyl phthalate	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 20:41	1
3,3'-Dichlorobenzidine	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 20:41	1
Benzo[a]anthracene	ND		0.33		mg/Kg		10/14/14 22:47	10/16/14 20:41	1
Bis(2-ethylhexyl) phthalate	ND		0.33		mg/Kg		10/14/14 22:47	10/16/14 20:41	1
Chrysene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 20:41	1
Di-n-octyl phthalate	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 20:41	1
Benzo[b]fluoranthene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 20:41	1
Benzo[a]pyrene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 20:41	1
Benzo[k]fluoranthene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 20:41	1
Indeno[1,2,3-cd]pyrene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 20:41	1
Benzo[g,h,i]perylene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 20:41	1
Benzoic acid	ND		0.33		mg/Kg		10/14/14 22:47	10/16/14 20:41	1
Azobenzene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 20:41	1
Dibenz(a,h)anthracene	ND		0.066		mg/Kg		10/14/14 22:47	10/16/14 20:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	64		21 - 98	10/14/14 22:47	10/16/14 20:41	1
2-Fluorobiphenyl	64		30 - 112	10/14/14 22:47	10/16/14 20:41	1
Terphenyl-d14	73		32 - 117	10/14/14 22:47	10/16/14 20:41	1
2-Fluorophenol	44		28 - 98	10/14/14 22:47	10/16/14 20:41	1
Phenol-d5	42		23 - 101	10/14/14 22:47	10/16/14 20:41	1
2,4,6-Tribromophenol	46		37 - 114	10/14/14 22:47	10/16/14 20:41	1

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
 Project/Site: Philips San Jose

TestAmerica Job ID: 720-60515-1

Client Sample ID: PLSB-11-10

Lab Sample ID: 720-60515-6

Date Collected: 10/10/14 13:58

Matrix: Solid

Date Received: 10/10/14 18:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.4		mg/Kg		10/14/14 13:12	10/15/14 19:07	4
Arsenic	22		2.7		mg/Kg		10/14/14 13:12	10/15/14 19:07	4
Beryllium	0.38		0.27		mg/Kg		10/14/14 13:12	10/15/14 19:07	4
Cadmium	0.72		0.34		mg/Kg		10/14/14 13:12	10/15/14 19:07	4
Chromium	61		1.4		mg/Kg		10/14/14 13:12	10/15/14 19:07	4
Copper	37		4.1		mg/Kg		10/14/14 13:12	10/15/14 19:07	4
Lead	5.9		1.4		mg/Kg		10/14/14 13:12	10/15/14 19:07	4
Nickel	110		1.4		mg/Kg		10/14/14 13:12	10/15/14 19:07	4
Selenium	ND		2.7		mg/Kg		10/14/14 13:12	10/15/14 19:07	4
Silver	ND		0.68		mg/Kg		10/14/14 13:12	10/15/14 19:07	4
Zinc	45		4.1		mg/Kg		10/14/14 13:12	10/15/14 19:07	4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.082		0.0088		mg/Kg		10/16/14 21:03	10/17/14 15:08	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.49		mg/Kg		10/15/14 14:45	10/15/14 17:19	1

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60515-1

Client Sample ID: PLSB-12-10

Lab Sample ID: 720-60515-7

Date Collected: 10/10/14 15:13

Matrix: Solid

Date Received: 10/10/14 18:45

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		3.4		ug/Kg		10/10/14 21:45	10/13/14 17:38	1
Acetone	ND		34		ug/Kg		10/10/14 21:45	10/13/14 17:38	1
Benzene	ND		3.4		ug/Kg		10/10/14 21:45	10/13/14 17:38	1
Dichlorobromomethane	ND		3.4		ug/Kg		10/10/14 21:45	10/13/14 17:38	1
Bromobenzene	ND		3.4		ug/Kg		10/10/14 21:45	10/13/14 17:38	1
Chlorobromomethane	ND		14		ug/Kg		10/10/14 21:45	10/13/14 17:38	1
Bromoform	ND		3.4		ug/Kg		10/10/14 21:45	10/13/14 17:38	1
Bromomethane	ND		6.9		ug/Kg		10/10/14 21:45	10/13/14 17:38	1
2-Butanone (MEK)	ND	*	34		ug/Kg		10/10/14 21:45	10/13/14 17:38	1
n-Butylbenzene	ND		3.4		ug/Kg		10/10/14 21:45	10/13/14 17:38	1
sec-Butylbenzene	ND		3.4		ug/Kg		10/10/14 21:45	10/13/14 17:38	1
tert-Butylbenzene	ND		3.4		ug/Kg		10/10/14 21:45	10/13/14 17:38	1
Carbon disulfide	ND		3.4		ug/Kg		10/10/14 21:45	10/13/14 17:38	1
Carbon tetrachloride	ND		3.4		ug/Kg		10/10/14 21:45	10/13/14 17:38	1
Chlorobenzene	ND		3.4		ug/Kg		10/10/14 21:45	10/13/14 17:38	1
Chloroethane	ND		6.9		ug/Kg		10/10/14 21:45	10/13/14 17:38	1
Chloroform	ND		3.4		ug/Kg		10/10/14 21:45	10/13/14 17:38	1
Chloromethane	ND		6.9		ug/Kg		10/10/14 21:45	10/13/14 17:38	1
2-Chlorotoluene	ND		3.4		ug/Kg		10/10/14 21:45	10/13/14 17:38	1
4-Chlorotoluene	ND		3.4		ug/Kg		10/10/14 21:45	10/13/14 17:38	1
Chlorodibromomethane	ND		3.4		ug/Kg		10/10/14 21:45	10/13/14 17:38	1
1,2-Dichlorobenzene	ND		3.4		ug/Kg		10/10/14 21:45	10/13/14 17:38	1
1,3-Dichlorobenzene	ND		3.4		ug/Kg		10/10/14 21:45	10/13/14 17:38	1
1,4-Dichlorobenzene	ND		3.4		ug/Kg		10/10/14 21:45	10/13/14 17:38	1
1,3-Dichloropropane	ND		3.4		ug/Kg		10/10/14 21:45	10/13/14 17:38	1
1,1-Dichloropropene	ND		3.4		ug/Kg		10/10/14 21:45	10/13/14 17:38	1
1,2-Dibromo-3-Chloropropane	ND		6.9		ug/Kg		10/10/14 21:45	10/13/14 17:38	1
Ethylene Dibromide	ND		3.4		ug/Kg		10/10/14 21:45	10/13/14 17:38	1
Dibromomethane	ND		6.9		ug/Kg		10/10/14 21:45	10/13/14 17:38	1
Dichlorodifluoromethane	ND		6.9		ug/Kg		10/10/14 21:45	10/13/14 17:38	1
1,1-Dichloroethane	ND		3.4		ug/Kg		10/10/14 21:45	10/13/14 17:38	1
1,2-Dichloroethane	ND		3.4		ug/Kg		10/10/14 21:45	10/13/14 17:38	1
1,1-Dichloroethene	ND		3.4		ug/Kg		10/10/14 21:45	10/13/14 17:38	1
cis-1,2-Dichloroethene	ND		3.4		ug/Kg		10/10/14 21:45	10/13/14 17:38	1
trans-1,2-Dichloroethene	ND		3.4		ug/Kg		10/10/14 21:45	10/13/14 17:38	1
1,2-Dichloropropane	ND		3.4		ug/Kg		10/10/14 21:45	10/13/14 17:38	1
cis-1,3-Dichloropropene	ND		3.4		ug/Kg		10/10/14 21:45	10/13/14 17:38	1
trans-1,3-Dichloropropene	ND		3.4		ug/Kg		10/10/14 21:45	10/13/14 17:38	1
Ethylbenzene	ND		3.4		ug/Kg		10/10/14 21:45	10/13/14 17:38	1
Hexachlorobutadiene	ND		3.4		ug/Kg		10/10/14 21:45	10/13/14 17:38	1
2-Hexanone	ND	*	34		ug/Kg		10/10/14 21:45	10/13/14 17:38	1
Isopropylbenzene	ND		3.4		ug/Kg		10/10/14 21:45	10/13/14 17:38	1
4-Isopropyltoluene	ND		3.4		ug/Kg		10/10/14 21:45	10/13/14 17:38	1
Methylene Chloride	ND		6.9		ug/Kg		10/10/14 21:45	10/13/14 17:38	1
4-Methyl-2-pentanone (MIBK)	ND		34		ug/Kg		10/10/14 21:45	10/13/14 17:38	1
Naphthalene	ND		6.9		ug/Kg		10/10/14 21:45	10/13/14 17:38	1
N-Propylbenzene	ND		3.4		ug/Kg		10/10/14 21:45	10/13/14 17:38	1
Styrene	ND		3.4		ug/Kg		10/10/14 21:45	10/13/14 17:38	1
1,1,1,2-Tetrachloroethane	ND		3.4		ug/Kg		10/10/14 21:45	10/13/14 17:38	1

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60515-1

Client Sample ID: PLSB-12-10

Lab Sample ID: 720-60515-7

Date Collected: 10/10/14 15:13

Matrix: Solid

Date Received: 10/10/14 18:45

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		3.4		ug/Kg		10/10/14 21:45	10/13/14 17:38	1
Tetrachloroethene	ND		3.4		ug/Kg		10/10/14 21:45	10/13/14 17:38	1
Toluene	ND		3.4		ug/Kg		10/10/14 21:45	10/13/14 17:38	1
1,2,3-Trichlorobenzene	ND		3.4		ug/Kg		10/10/14 21:45	10/13/14 17:38	1
1,2,4-Trichlorobenzene	ND		3.4		ug/Kg		10/10/14 21:45	10/13/14 17:38	1
1,1,1-Trichloroethane	ND		3.4		ug/Kg		10/10/14 21:45	10/13/14 17:38	1
1,1,2-Trichloroethane	ND		3.4		ug/Kg		10/10/14 21:45	10/13/14 17:38	1
Trichloroethene	ND		3.4		ug/Kg		10/10/14 21:45	10/13/14 17:38	1
Trichlorofluoromethane	ND		3.4		ug/Kg		10/10/14 21:45	10/13/14 17:38	1
1,2,3-Trichloropropane	ND		3.4		ug/Kg		10/10/14 21:45	10/13/14 17:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		3.4		ug/Kg		10/10/14 21:45	10/13/14 17:38	1
1,2,4-Trimethylbenzene	ND		3.4		ug/Kg		10/10/14 21:45	10/13/14 17:38	1
1,3,5-Trimethylbenzene	ND		3.4		ug/Kg		10/10/14 21:45	10/13/14 17:38	1
Vinyl acetate	ND		14		ug/Kg		10/10/14 21:45	10/13/14 17:38	1
Vinyl chloride	ND		3.4		ug/Kg		10/10/14 21:45	10/13/14 17:38	1
Xylenes, Total	ND		6.9		ug/Kg		10/10/14 21:45	10/13/14 17:38	1
2,2-Dichloropropane	ND		3.4		ug/Kg		10/10/14 21:45	10/13/14 17:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	92		45 - 131	10/10/14 21:45	10/13/14 17:38	1
1,2-Dichloroethane-d4 (Surr)	113		60 - 140	10/10/14 21:45	10/13/14 17:38	1
Toluene-d8 (Surr)	89		58 - 140	10/10/14 21:45	10/13/14 17:38	1

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 21:05	1
Bis(2-chloroethyl)ether	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 21:05	1
2-Chlorophenol	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 21:05	1
1,3-Dichlorobenzene	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 21:05	1
1,4-Dichlorobenzene	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 21:05	1
Benzyl alcohol	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 21:05	1
1,2-Dichlorobenzene	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 21:05	1
2-Methylphenol	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 21:05	1
Methylphenol, 3 & 4	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 21:05	1
N-Nitrosodi-n-propylamine	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 21:05	1
Hexachloroethane	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 21:05	1
Nitrobenzene	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 21:05	1
Isophorone	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 21:05	1
2-Nitrophenol	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 21:05	1
2,4-Dimethylphenol	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 21:05	1
Bis(2-chloroethoxy)methane	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 21:05	1
2,4-Dichlorophenol	ND		0.33		mg/Kg		10/14/14 22:47	10/16/14 21:05	1
1,2,4-Trichlorobenzene	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 21:05	1
Naphthalene	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 21:05	1
4-Chloroaniline	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 21:05	1
Hexachlorobutadiene	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 21:05	1
4-Chloro-3-methylphenol	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 21:05	1
2-Methylnaphthalene	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 21:05	1
Hexachlorocyclopentadiene	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 21:05	1
2,4,6-Trichlorophenol	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 21:05	1

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60515-1

Client Sample ID: PLSB-12-10

Lab Sample ID: 720-60515-7

Date Collected: 10/10/14 15:13

Matrix: Solid

Date Received: 10/10/14 18:45

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 21:05	1
2-Chloronaphthalene	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 21:05	1
2-Nitroaniline	ND		0.33		mg/Kg		10/14/14 22:47	10/16/14 21:05	1
Dimethyl phthalate	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 21:05	1
Acenaphthylene	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 21:05	1
3-Nitroaniline	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 21:05	1
Acenaphthene	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 21:05	1
2,4-Dinitrophenol	ND		0.66		mg/Kg		10/14/14 22:47	10/16/14 21:05	1
4-Nitrophenol	ND		0.33		mg/Kg		10/14/14 22:47	10/16/14 21:05	1
Dibenzofuran	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 21:05	1
2,4-Dinitrotoluene	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 21:05	1
2,6-Dinitrotoluene	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 21:05	1
Diethyl phthalate	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 21:05	1
4-Chlorophenyl phenyl ether	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 21:05	1
Fluorene	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 21:05	1
4-Nitroaniline	ND		0.33		mg/Kg		10/14/14 22:47	10/16/14 21:05	1
2-Methyl-4,6-dinitrophenol	ND		0.33		mg/Kg		10/14/14 22:47	10/16/14 21:05	1
N-Nitrosodiphenylamine	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 21:05	1
4-Bromophenyl phenyl ether	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 21:05	1
Hexachlorobenzene	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 21:05	1
Pentachlorophenol	ND		0.33		mg/Kg		10/14/14 22:47	10/16/14 21:05	1
Phenanthrene	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 21:05	1
Anthracene	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 21:05	1
Di-n-butyl phthalate	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 21:05	1
Fluoranthene	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 21:05	1
Pyrene	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 21:05	1
Butyl benzyl phthalate	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 21:05	1
3,3'-Dichlorobenzidine	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 21:05	1
Benzo[a]anthracene	ND		0.33		mg/Kg		10/14/14 22:47	10/16/14 21:05	1
Bis(2-ethylhexyl) phthalate	ND		0.33		mg/Kg		10/14/14 22:47	10/16/14 21:05	1
Chrysene	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 21:05	1
Di-n-octyl phthalate	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 21:05	1
Benzo[b]fluoranthene	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 21:05	1
Benzo[a]pyrene	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 21:05	1
Benzo[k]fluoranthene	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 21:05	1
Indeno[1,2,3-cd]pyrene	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 21:05	1
Benzo[g,h,i]perylene	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 21:05	1
Benzoic acid	ND		0.33		mg/Kg		10/14/14 22:47	10/16/14 21:05	1
Azobenzene	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 21:05	1
Dibenz(a,h)anthracene	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 21:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	71		21 - 98	10/14/14 22:47	10/16/14 21:05	1
2-Fluorobiphenyl	73		30 - 112	10/14/14 22:47	10/16/14 21:05	1
Terphenyl-d14	82		32 - 117	10/14/14 22:47	10/16/14 21:05	1
2-Fluorophenol	53		28 - 98	10/14/14 22:47	10/16/14 21:05	1
Phenol-d5	51		23 - 101	10/14/14 22:47	10/16/14 21:05	1
2,4,6-Tribromophenol	65		37 - 114	10/14/14 22:47	10/16/14 21:05	1

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
 Project/Site: Philips San Jose

TestAmerica Job ID: 720-60515-1

Client Sample ID: PLSB-12-10

Lab Sample ID: 720-60515-7

Date Collected: 10/10/14 15:13

Matrix: Solid

Date Received: 10/10/14 18:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.3		mg/Kg		10/14/14 13:12	10/15/14 19:12	4
Arsenic	3.8		2.7		mg/Kg		10/14/14 13:12	10/15/14 19:12	4
Beryllium	0.41		0.27		mg/Kg		10/14/14 13:12	10/15/14 19:12	4
Cadmium	ND		0.34		mg/Kg		10/14/14 13:12	10/15/14 19:12	4
Chromium	61		1.3		mg/Kg		10/14/14 13:12	10/15/14 19:12	4
Copper	29		4.0		mg/Kg		10/14/14 13:12	10/15/14 19:12	4
Lead	5.7		1.3		mg/Kg		10/14/14 13:12	10/15/14 19:12	4
Nickel	78		1.3		mg/Kg		10/14/14 13:12	10/15/14 19:12	4
Selenium	ND		2.7		mg/Kg		10/14/14 13:12	10/15/14 19:12	4
Silver	ND		0.67		mg/Kg		10/14/14 13:12	10/15/14 19:12	4
Zinc	49		4.0		mg/Kg		10/14/14 13:12	10/15/14 19:12	4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.17		0.0092		mg/Kg		10/16/14 21:03	10/17/14 15:11	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.49		mg/Kg		10/17/14 09:20	10/17/14 12:41	1

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60515-1

Client Sample ID: PLSB-12-4.5

Lab Sample ID: 720-60515-8

Date Collected: 10/10/14 15:17

Matrix: Solid

Date Received: 10/10/14 18:45

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		3.8		ug/Kg		10/10/14 21:45	10/15/14 19:28	1
Acetone	ND		38		ug/Kg		10/10/14 21:45	10/15/14 19:28	1
Benzene	ND		3.8		ug/Kg		10/10/14 21:45	10/15/14 19:28	1
Dichlorobromomethane	ND		3.8		ug/Kg		10/10/14 21:45	10/15/14 19:28	1
Bromobenzene	ND	*	3.8		ug/Kg		10/10/14 21:45	10/15/14 19:28	1
Chlorobromomethane	ND		15		ug/Kg		10/10/14 21:45	10/15/14 19:28	1
Bromoform	ND	*	3.8		ug/Kg		10/10/14 21:45	10/15/14 19:28	1
Bromomethane	ND		7.5		ug/Kg		10/10/14 21:45	10/15/14 19:28	1
2-Butanone (MEK)	ND		38		ug/Kg		10/10/14 21:45	10/15/14 19:28	1
n-Butylbenzene	ND	*	3.8		ug/Kg		10/10/14 21:45	10/15/14 19:28	1
sec-Butylbenzene	ND	*	3.8		ug/Kg		10/10/14 21:45	10/15/14 19:28	1
tert-Butylbenzene	ND	*	3.8		ug/Kg		10/10/14 21:45	10/15/14 19:28	1
Carbon disulfide	ND		3.8		ug/Kg		10/10/14 21:45	10/15/14 19:28	1
Carbon tetrachloride	ND		3.8		ug/Kg		10/10/14 21:45	10/15/14 19:28	1
Chlorobenzene	ND	*	3.8		ug/Kg		10/10/14 21:45	10/15/14 19:28	1
Chloroethane	ND		7.5		ug/Kg		10/10/14 21:45	10/15/14 19:28	1
Chloroform	ND		3.8		ug/Kg		10/10/14 21:45	10/15/14 19:28	1
Chloromethane	ND		7.5		ug/Kg		10/10/14 21:45	10/15/14 19:28	1
2-Chlorotoluene	ND	*	3.8		ug/Kg		10/10/14 21:45	10/15/14 19:28	1
4-Chlorotoluene	ND	*	3.8		ug/Kg		10/10/14 21:45	10/15/14 19:28	1
Chlorodibromomethane	ND		3.8		ug/Kg		10/10/14 21:45	10/15/14 19:28	1
1,2-Dichlorobenzene	ND	*	3.8		ug/Kg		10/10/14 21:45	10/15/14 19:28	1
1,3-Dichlorobenzene	ND	*	3.8		ug/Kg		10/10/14 21:45	10/15/14 19:28	1
1,4-Dichlorobenzene	ND	*	3.8		ug/Kg		10/10/14 21:45	10/15/14 19:28	1
1,3-Dichloropropane	ND		3.8		ug/Kg		10/10/14 21:45	10/15/14 19:28	1
1,1-Dichloropropene	ND		3.8		ug/Kg		10/10/14 21:45	10/15/14 19:28	1
1,2-Dibromo-3-Chloropropane	ND	*	7.5		ug/Kg		10/10/14 21:45	10/15/14 19:28	1
Ethylene Dibromide	ND		3.8		ug/Kg		10/10/14 21:45	10/15/14 19:28	1
Dibromomethane	ND		7.5		ug/Kg		10/10/14 21:45	10/15/14 19:28	1
Dichlorodifluoromethane	ND		7.5		ug/Kg		10/10/14 21:45	10/15/14 19:28	1
1,1-Dichloroethane	ND		3.8		ug/Kg		10/10/14 21:45	10/15/14 19:28	1
1,2-Dichloroethane	ND		3.8		ug/Kg		10/10/14 21:45	10/15/14 19:28	1
1,1-Dichloroethene	ND		3.8		ug/Kg		10/10/14 21:45	10/15/14 19:28	1
cis-1,2-Dichloroethene	ND		3.8		ug/Kg		10/10/14 21:45	10/15/14 19:28	1
trans-1,2-Dichloroethene	ND		3.8		ug/Kg		10/10/14 21:45	10/15/14 19:28	1
1,2-Dichloropropane	ND		3.8		ug/Kg		10/10/14 21:45	10/15/14 19:28	1
cis-1,3-Dichloropropene	ND		3.8		ug/Kg		10/10/14 21:45	10/15/14 19:28	1
trans-1,3-Dichloropropene	ND		3.8		ug/Kg		10/10/14 21:45	10/15/14 19:28	1
Ethylbenzene	ND	*	3.8		ug/Kg		10/10/14 21:45	10/15/14 19:28	1
Hexachlorobutadiene	ND	*	3.8		ug/Kg		10/10/14 21:45	10/15/14 19:28	1
2-Hexanone	ND		38		ug/Kg		10/10/14 21:45	10/15/14 19:28	1
Isopropylbenzene	ND	*	3.8		ug/Kg		10/10/14 21:45	10/15/14 19:28	1
4-Isopropyltoluene	ND	*	3.8		ug/Kg		10/10/14 21:45	10/15/14 19:28	1
Methylene Chloride	ND		7.5		ug/Kg		10/10/14 21:45	10/15/14 19:28	1
4-Methyl-2-pentanone (MIBK)	ND		38		ug/Kg		10/10/14 21:45	10/15/14 19:28	1
Naphthalene	ND	*	7.5		ug/Kg		10/10/14 21:45	10/15/14 19:28	1
N-Propylbenzene	ND	*	3.8		ug/Kg		10/10/14 21:45	10/15/14 19:28	1
Styrene	ND	*	3.8		ug/Kg		10/10/14 21:45	10/15/14 19:28	1
1,1,1,2-Tetrachloroethane	ND	*	3.8		ug/Kg		10/10/14 21:45	10/15/14 19:28	1

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60515-1

Client Sample ID: PLSB-12-4.5

Lab Sample ID: 720-60515-8

Date Collected: 10/10/14 15:17

Matrix: Solid

Date Received: 10/10/14 18:45

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND	*	3.8		ug/Kg		10/10/14 21:45	10/15/14 19:28	1
Tetrachloroethene	ND		3.8		ug/Kg		10/10/14 21:45	10/15/14 19:28	1
Toluene	ND	*	3.8		ug/Kg		10/10/14 21:45	10/15/14 19:28	1
1,2,3-Trichlorobenzene	ND	*	3.8		ug/Kg		10/10/14 21:45	10/15/14 19:28	1
1,2,4-Trichlorobenzene	ND	*	3.8		ug/Kg		10/10/14 21:45	10/15/14 19:28	1
1,1,1-Trichloroethane	ND		3.8		ug/Kg		10/10/14 21:45	10/15/14 19:28	1
1,1,2-Trichloroethane	ND		3.8		ug/Kg		10/10/14 21:45	10/15/14 19:28	1
Trichloroethene	ND		3.8		ug/Kg		10/10/14 21:45	10/15/14 19:28	1
Trichlorofluoromethane	ND		3.8		ug/Kg		10/10/14 21:45	10/15/14 19:28	1
1,2,3-Trichloropropane	ND	*	3.8		ug/Kg		10/10/14 21:45	10/15/14 19:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		3.8		ug/Kg		10/10/14 21:45	10/15/14 19:28	1
1,2,4-Trimethylbenzene	ND	*	3.8		ug/Kg		10/10/14 21:45	10/15/14 19:28	1
1,3,5-Trimethylbenzene	ND	*	3.8		ug/Kg		10/10/14 21:45	10/15/14 19:28	1
Vinyl acetate	ND		15		ug/Kg		10/10/14 21:45	10/15/14 19:28	1
Vinyl chloride	ND		3.8		ug/Kg		10/10/14 21:45	10/15/14 19:28	1
Xylenes, Total	ND		7.5		ug/Kg		10/10/14 21:45	10/15/14 19:28	1
2,2-Dichloropropane	ND		3.8		ug/Kg		10/10/14 21:45	10/15/14 19:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	66	*	45 - 131	10/10/14 21:45	10/15/14 19:28	1
1,2-Dichloroethane-d4 (Surr)	111		60 - 140	10/10/14 21:45	10/15/14 19:28	1
Toluene-d8 (Surr)	81		58 - 140	10/10/14 21:45	10/15/14 19:28	1

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 21:29	1
Bis(2-chloroethyl)ether	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 21:29	1
2-Chlorophenol	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 21:29	1
1,3-Dichlorobenzene	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 21:29	1
1,4-Dichlorobenzene	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 21:29	1
Benzyl alcohol	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 21:29	1
1,2-Dichlorobenzene	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 21:29	1
2-Methylphenol	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 21:29	1
Methylphenol, 3 & 4	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 21:29	1
N-Nitrosodi-n-propylamine	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 21:29	1
Hexachloroethane	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 21:29	1
Nitrobenzene	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 21:29	1
Isophorone	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 21:29	1
2-Nitrophenol	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 21:29	1
2,4-Dimethylphenol	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 21:29	1
Bis(2-chloroethoxy)methane	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 21:29	1
2,4-Dichlorophenol	ND		0.33		mg/Kg		10/14/14 22:47	10/16/14 21:29	1
1,2,4-Trichlorobenzene	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 21:29	1
Naphthalene	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 21:29	1
4-Chloroaniline	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 21:29	1
Hexachlorobutadiene	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 21:29	1
4-Chloro-3-methylphenol	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 21:29	1
2-Methylnaphthalene	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 21:29	1
Hexachlorocyclopentadiene	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 21:29	1
2,4,6-Trichlorophenol	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 21:29	1

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60515-1

Client Sample ID: PLSB-12-4.5

Lab Sample ID: 720-60515-8

Date Collected: 10/10/14 15:17

Matrix: Solid

Date Received: 10/10/14 18:45

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 21:29	1
2-Chloronaphthalene	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 21:29	1
2-Nitroaniline	ND		0.33		mg/Kg		10/14/14 22:47	10/16/14 21:29	1
Dimethyl phthalate	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 21:29	1
Acenaphthylene	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 21:29	1
3-Nitroaniline	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 21:29	1
Acenaphthene	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 21:29	1
2,4-Dinitrophenol	ND		0.66		mg/Kg		10/14/14 22:47	10/16/14 21:29	1
4-Nitrophenol	ND		0.33		mg/Kg		10/14/14 22:47	10/16/14 21:29	1
Dibenzofuran	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 21:29	1
2,4-Dinitrotoluene	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 21:29	1
2,6-Dinitrotoluene	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 21:29	1
Diethyl phthalate	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 21:29	1
4-Chlorophenyl phenyl ether	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 21:29	1
Fluorene	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 21:29	1
4-Nitroaniline	ND		0.33		mg/Kg		10/14/14 22:47	10/16/14 21:29	1
2-Methyl-4,6-dinitrophenol	ND		0.33		mg/Kg		10/14/14 22:47	10/16/14 21:29	1
N-Nitrosodiphenylamine	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 21:29	1
4-Bromophenyl phenyl ether	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 21:29	1
Hexachlorobenzene	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 21:29	1
Pentachlorophenol	ND		0.33		mg/Kg		10/14/14 22:47	10/16/14 21:29	1
Phenanthrene	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 21:29	1
Anthracene	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 21:29	1
Di-n-butyl phthalate	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 21:29	1
Fluoranthene	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 21:29	1
Pyrene	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 21:29	1
Butyl benzyl phthalate	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 21:29	1
3,3'-Dichlorobenzidine	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 21:29	1
Benzo[a]anthracene	ND		0.33		mg/Kg		10/14/14 22:47	10/16/14 21:29	1
Bis(2-ethylhexyl) phthalate	ND		0.33		mg/Kg		10/14/14 22:47	10/16/14 21:29	1
Chrysene	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 21:29	1
Di-n-octyl phthalate	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 21:29	1
Benzo[b]fluoranthene	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 21:29	1
Benzo[a]pyrene	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 21:29	1
Benzo[k]fluoranthene	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 21:29	1
Indeno[1,2,3-cd]pyrene	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 21:29	1
Benzo[g,h,i]perylene	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 21:29	1
Benzoic acid	ND		0.33		mg/Kg		10/14/14 22:47	10/16/14 21:29	1
Azobenzene	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 21:29	1
Dibenz(a,h)anthracene	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 21:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	83		21 - 98	10/14/14 22:47	10/16/14 21:29	1
2-Fluorobiphenyl	85		30 - 112	10/14/14 22:47	10/16/14 21:29	1
Terphenyl-d14	97		32 - 117	10/14/14 22:47	10/16/14 21:29	1
2-Fluorophenol	57		28 - 98	10/14/14 22:47	10/16/14 21:29	1
Phenol-d5	59		23 - 101	10/14/14 22:47	10/16/14 21:29	1
2,4,6-Tribromophenol	72		37 - 114	10/14/14 22:47	10/16/14 21:29	1

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
 Project/Site: Philips San Jose

TestAmerica Job ID: 720-60515-1

Client Sample ID: PLSB-12-4.5

Lab Sample ID: 720-60515-8

Date Collected: 10/10/14 15:17

Matrix: Solid

Date Received: 10/10/14 18:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.5		mg/Kg		10/14/14 13:12	10/15/14 19:16	4
Arsenic	6.9		2.9		mg/Kg		10/14/14 13:12	10/15/14 19:16	4
Beryllium	0.61		0.29		mg/Kg		10/14/14 13:12	10/15/14 19:16	4
Cadmium	ND		0.37		mg/Kg		10/14/14 13:12	10/15/14 19:16	4
Chromium	78		1.5		mg/Kg		10/14/14 13:12	10/15/14 19:16	4
Copper	38		4.4		mg/Kg		10/14/14 13:12	10/15/14 19:16	4
Lead	12		1.5		mg/Kg		10/14/14 13:12	10/15/14 19:16	4
Nickel	110		1.5		mg/Kg		10/14/14 13:12	10/15/14 19:16	4
Selenium	ND		2.9		mg/Kg		10/14/14 13:12	10/15/14 19:16	4
Silver	ND		0.74		mg/Kg		10/14/14 13:12	10/15/14 19:16	4
Zinc	68		4.4		mg/Kg		10/14/14 13:12	10/15/14 19:16	4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	3.0		0.090		mg/Kg		10/16/14 21:03	10/17/14 15:47	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.49		mg/Kg		10/17/14 09:20	10/17/14 12:42	1

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60515-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 720-168670/5

Matrix: Solid

Analysis Batch: 168670

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		5.0		ug/Kg			10/13/14 10:08	1
Acetone	ND		50		ug/Kg			10/13/14 10:08	1
Benzene	ND		5.0		ug/Kg			10/13/14 10:08	1
Dichlorobromomethane	ND		5.0		ug/Kg			10/13/14 10:08	1
Bromobenzene	ND		5.0		ug/Kg			10/13/14 10:08	1
Chlorobromomethane	ND		20		ug/Kg			10/13/14 10:08	1
Bromoform	ND		5.0		ug/Kg			10/13/14 10:08	1
Bromomethane	ND		10		ug/Kg			10/13/14 10:08	1
2-Butanone (MEK)	ND		50		ug/Kg			10/13/14 10:08	1
n-Butylbenzene	ND		5.0		ug/Kg			10/13/14 10:08	1
sec-Butylbenzene	ND		5.0		ug/Kg			10/13/14 10:08	1
tert-Butylbenzene	ND		5.0		ug/Kg			10/13/14 10:08	1
Carbon disulfide	ND		5.0		ug/Kg			10/13/14 10:08	1
Carbon tetrachloride	ND		5.0		ug/Kg			10/13/14 10:08	1
Chlorobenzene	ND		5.0		ug/Kg			10/13/14 10:08	1
Chloroethane	ND		10		ug/Kg			10/13/14 10:08	1
Chloroform	ND		5.0		ug/Kg			10/13/14 10:08	1
Chloromethane	ND		10		ug/Kg			10/13/14 10:08	1
2-Chlorotoluene	ND		5.0		ug/Kg			10/13/14 10:08	1
4-Chlorotoluene	ND		5.0		ug/Kg			10/13/14 10:08	1
Chlorodibromomethane	ND		5.0		ug/Kg			10/13/14 10:08	1
1,2-Dichlorobenzene	ND		5.0		ug/Kg			10/13/14 10:08	1
1,3-Dichlorobenzene	ND		5.0		ug/Kg			10/13/14 10:08	1
1,4-Dichlorobenzene	ND		5.0		ug/Kg			10/13/14 10:08	1
1,3-Dichloropropane	ND		5.0		ug/Kg			10/13/14 10:08	1
1,1-Dichloropropene	ND		5.0		ug/Kg			10/13/14 10:08	1
1,2-Dibromo-3-Chloropropane	ND		10		ug/Kg			10/13/14 10:08	1
Ethylene Dibromide	ND		5.0		ug/Kg			10/13/14 10:08	1
Dibromomethane	ND		10		ug/Kg			10/13/14 10:08	1
Dichlorodifluoromethane	ND		10		ug/Kg			10/13/14 10:08	1
1,1-Dichloroethane	ND		5.0		ug/Kg			10/13/14 10:08	1
1,2-Dichloroethane	ND		5.0		ug/Kg			10/13/14 10:08	1
1,1-Dichloroethene	ND		5.0		ug/Kg			10/13/14 10:08	1
cis-1,2-Dichloroethene	ND		5.0		ug/Kg			10/13/14 10:08	1
trans-1,2-Dichloroethene	ND		5.0		ug/Kg			10/13/14 10:08	1
1,2-Dichloropropane	ND		5.0		ug/Kg			10/13/14 10:08	1
cis-1,3-Dichloropropene	ND		5.0		ug/Kg			10/13/14 10:08	1
trans-1,3-Dichloropropene	ND		5.0		ug/Kg			10/13/14 10:08	1
Ethylbenzene	ND		5.0		ug/Kg			10/13/14 10:08	1
Hexachlorobutadiene	ND		5.0		ug/Kg			10/13/14 10:08	1
2-Hexanone	ND		50		ug/Kg			10/13/14 10:08	1
Isopropylbenzene	ND		5.0		ug/Kg			10/13/14 10:08	1
4-Isopropyltoluene	ND		5.0		ug/Kg			10/13/14 10:08	1
Methylene Chloride	ND		10		ug/Kg			10/13/14 10:08	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/Kg			10/13/14 10:08	1
Naphthalene	ND		10		ug/Kg			10/13/14 10:08	1
N-Propylbenzene	ND		5.0		ug/Kg			10/13/14 10:08	1
Styrene	ND		5.0		ug/Kg			10/13/14 10:08	1

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60515-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 720-168670/5

Matrix: Solid

Analysis Batch: 168670

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0		ug/Kg			10/13/14 10:08	1
1,1,2,2-Tetrachloroethane	ND		5.0		ug/Kg			10/13/14 10:08	1
Tetrachloroethene	ND		5.0		ug/Kg			10/13/14 10:08	1
Toluene	ND		5.0		ug/Kg			10/13/14 10:08	1
1,2,3-Trichlorobenzene	ND		5.0		ug/Kg			10/13/14 10:08	1
1,2,4-Trichlorobenzene	ND		5.0		ug/Kg			10/13/14 10:08	1
1,1,1-Trichloroethane	ND		5.0		ug/Kg			10/13/14 10:08	1
1,1,2-Trichloroethane	ND		5.0		ug/Kg			10/13/14 10:08	1
Trichloroethene	ND		5.0		ug/Kg			10/13/14 10:08	1
Trichlorofluoromethane	ND		5.0		ug/Kg			10/13/14 10:08	1
1,2,3-Trichloropropane	ND		5.0		ug/Kg			10/13/14 10:08	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0		ug/Kg			10/13/14 10:08	1
1,2,4-Trimethylbenzene	ND		5.0		ug/Kg			10/13/14 10:08	1
1,3,5-Trimethylbenzene	ND		5.0		ug/Kg			10/13/14 10:08	1
Vinyl acetate	ND		20		ug/Kg			10/13/14 10:08	1
Vinyl chloride	ND		5.0		ug/Kg			10/13/14 10:08	1
Xylenes, Total	ND		10		ug/Kg			10/13/14 10:08	1
2,2-Dichloropropane	ND		5.0		ug/Kg			10/13/14 10:08	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	95		45 - 131		10/13/14 10:08	1
1,2-Dichloroethane-d4 (Surr)	90		60 - 140		10/13/14 10:08	1
Toluene-d8 (Surr)	91		58 - 140		10/13/14 10:08	1

Lab Sample ID: LCS 720-168670/6

Matrix: Solid

Analysis Batch: 168670

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl tert-butyl ether	50.0	52.4		ug/Kg		105	70 - 144
Acetone	250	236		ug/Kg		95	30 - 162
Benzene	50.0	49.0		ug/Kg		98	70 - 130
Dichlorobromomethane	50.0	52.9		ug/Kg		106	70 - 131
Bromobenzene	50.0	49.7		ug/Kg		99	70 - 130
Chlorobromomethane	50.0	52.7		ug/Kg		105	70 - 130
Bromoform	50.0	54.6		ug/Kg		109	59 - 158
Bromomethane	50.0	43.3		ug/Kg		87	59 - 132
2-Butanone (MEK)	250	290		ug/Kg		116	53 - 124
n-Butylbenzene	50.0	50.4		ug/Kg		101	70 - 142
sec-Butylbenzene	50.0	47.2		ug/Kg		94	70 - 136
tert-Butylbenzene	50.0	46.8		ug/Kg		94	70 - 130
Carbon disulfide	50.0	40.8		ug/Kg		82	60 - 140
Carbon tetrachloride	50.0	48.2		ug/Kg		96	70 - 138
Chlorobenzene	50.0	48.3		ug/Kg		97	70 - 130
Chloroethane	50.0	45.2		ug/Kg		90	65 - 130
Chloroform	50.0	49.9		ug/Kg		100	77 - 127
Chloromethane	50.0	46.6		ug/Kg		93	55 - 140
2-Chlorotoluene	50.0	48.2		ug/Kg		96	70 - 138

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60515-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 720-168670/6

Matrix: Solid

Analysis Batch: 168670

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4-Chlorotoluene	50.0	49.0		ug/Kg		98	70 - 136
Chlorodibromomethane	50.0	57.0		ug/Kg		114	70 - 146
1,2-Dichlorobenzene	50.0	51.4		ug/Kg		103	70 - 130
1,3-Dichlorobenzene	50.0	50.6		ug/Kg		101	70 - 131
1,4-Dichlorobenzene	50.0	50.2		ug/Kg		100	70 - 130
1,3-Dichloropropane	50.0	56.8		ug/Kg		114	70 - 140
1,1-Dichloropropene	50.0	52.4		ug/Kg		105	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	58.3		ug/Kg		117	60 - 145
Ethylene Dibromide	50.0	58.8		ug/Kg		118	70 - 140
Dibromomethane	50.0	55.8		ug/Kg		112	70 - 139
Dichlorodifluoromethane	50.0	48.9		ug/Kg		98	37 - 158
1,1-Dichloroethane	50.0	51.2		ug/Kg		102	70 - 130
1,2-Dichloroethane	50.0	51.2		ug/Kg		102	70 - 130
1,1-Dichloroethene	50.0	42.5		ug/Kg		85	76 - 122
cis-1,2-Dichloroethene	50.0	51.5		ug/Kg		103	70 - 138
trans-1,2-Dichloroethene	50.0	48.9		ug/Kg		98	67 - 130
1,2-Dichloropropane	50.0	55.2		ug/Kg		110	73 - 127
cis-1,3-Dichloropropene	50.0	57.6		ug/Kg		115	68 - 147
trans-1,3-Dichloropropene	50.0	62.5		ug/Kg		125	70 - 136
Ethylbenzene	50.0	44.4		ug/Kg		89	80 - 137
Hexachlorobutadiene	50.0	45.2		ug/Kg		90	70 - 132
2-Hexanone	250	327		ug/Kg		131	44 - 133
Isopropylbenzene	50.0	46.7		ug/Kg		93	70 - 130
4-Isopropyltoluene	50.0	46.4		ug/Kg		93	70 - 133
Methylene Chloride	50.0	50.7		ug/Kg		101	70 - 134
4-Methyl-2-pentanone (MIBK)	250	321		ug/Kg		128	60 - 160
Naphthalene	50.0	59.4		ug/Kg		119	60 - 147
N-Propylbenzene	50.0	47.6		ug/Kg		95	70 - 130
Styrene	50.0	51.2		ug/Kg		102	70 - 130
1,1,1,2-Tetrachloroethane	50.0	49.4		ug/Kg		99	70 - 130
1,1,1,2,2-Tetrachloroethane	50.0	58.5		ug/Kg		117	70 - 146
Tetrachloroethene	50.0	49.2		ug/Kg		98	70 - 132
Toluene	50.0	44.1		ug/Kg		88	80 - 128
1,2,3-Trichlorobenzene	50.0	53.4		ug/Kg		107	60 - 140
1,2,4-Trichlorobenzene	50.0	52.9		ug/Kg		106	60 - 140
1,1,1-Trichloroethane	50.0	47.7		ug/Kg		95	70 - 130
1,1,2-Trichloroethane	50.0	57.4		ug/Kg		115	70 - 130
Trichloroethene	50.0	48.5		ug/Kg		97	70 - 133
Trichlorofluoromethane	50.0	43.1		ug/Kg		86	60 - 140
1,2,3-Trichloropropane	50.0	57.8		ug/Kg		116	70 - 146
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	41.5		ug/Kg		83	60 - 140
1,2,4-Trimethylbenzene	50.0	47.6		ug/Kg		95	70 - 130
1,3,5-Trimethylbenzene	50.0	48.1		ug/Kg		96	70 - 131
Vinyl acetate	50.0	59.0		ug/Kg		118	38 - 176
Vinyl chloride	50.0	40.4		ug/Kg		81	58 - 125
m-Xylene & p-Xylene	50.0	46.6		ug/Kg		93	70 - 146
o-Xylene	50.0	47.5		ug/Kg		95	70 - 140

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60515-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 720-168670/6

Matrix: Solid

Analysis Batch: 168670

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,2-Dichloropropane	50.0	49.8		ug/Kg		100	70 - 162

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	99		45 - 131
1,2-Dichloroethane-d4 (Surr)	93		60 - 140
Toluene-d8 (Surr)	94		58 - 140

Lab Sample ID: LCSD 720-168670/7

Matrix: Solid

Analysis Batch: 168670

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Methyl tert-butyl ether	50.0	52.8		ug/Kg		106	70 - 144	1	20
Acetone	250	290		ug/Kg		116	30 - 162	20	30
Benzene	50.0	50.7		ug/Kg		101	70 - 130	3	20
Dichlorobromomethane	50.0	53.3		ug/Kg		107	70 - 131	1	20
Bromobenzene	50.0	52.6		ug/Kg		105	70 - 130	6	20
Chlorobromomethane	50.0	55.5		ug/Kg		111	70 - 130	5	20
Bromoform	50.0	56.2		ug/Kg		112	59 - 158	3	20
Bromomethane	50.0	51.7		ug/Kg		103	59 - 132	18	20
2-Butanone (MEK)	250	327 *		ug/Kg		131	53 - 124	12	20
n-Butylbenzene	50.0	51.0		ug/Kg		102	70 - 142	1	20
sec-Butylbenzene	50.0	48.7		ug/Kg		97	70 - 136	3	20
tert-Butylbenzene	50.0	48.8		ug/Kg		98	70 - 130	4	20
Carbon disulfide	50.0	43.2		ug/Kg		86	60 - 140	6	20
Carbon tetrachloride	50.0	49.9		ug/Kg		100	70 - 138	4	20
Chlorobenzene	50.0	50.6		ug/Kg		101	70 - 130	4	20
Chloroethane	50.0	53.4		ug/Kg		107	65 - 130	17	20
Chloroform	50.0	51.2		ug/Kg		102	77 - 127	3	20
Chloromethane	50.0	51.5		ug/Kg		103	55 - 140	10	20
2-Chlorotoluene	50.0	49.4		ug/Kg		99	70 - 138	2	20
4-Chlorotoluene	50.0	50.3		ug/Kg		101	70 - 136	3	20
Chlorodibromomethane	50.0	58.4		ug/Kg		117	70 - 146	2	20
1,2-Dichlorobenzene	50.0	54.1		ug/Kg		108	70 - 130	5	20
1,3-Dichlorobenzene	50.0	53.6		ug/Kg		107	70 - 131	6	20
1,4-Dichlorobenzene	50.0	52.9		ug/Kg		106	70 - 130	5	20
1,3-Dichloropropane	50.0	57.0		ug/Kg		114	70 - 140	0	20
1,1-Dichloropropene	50.0	54.0		ug/Kg		108	70 - 130	3	20
1,2-Dibromo-3-Chloropropane	50.0	58.9		ug/Kg		118	60 - 145	1	20
Ethylene Dibromide	50.0	59.6		ug/Kg		119	70 - 140	1	20
Dibromomethane	50.0	57.4		ug/Kg		115	70 - 139	3	20
Dichlorodifluoromethane	50.0	55.4		ug/Kg		111	37 - 158	12	20
1,1-Dichloroethane	50.0	52.4		ug/Kg		105	70 - 130	2	20
1,2-Dichloroethane	50.0	50.7		ug/Kg		101	70 - 130	1	20
1,1-Dichloroethane	50.0	45.7		ug/Kg		91	76 - 122	7	20
cis-1,2-Dichloroethane	50.0	52.1		ug/Kg		104	70 - 138	1	20
trans-1,2-Dichloroethane	50.0	51.8		ug/Kg		104	67 - 130	6	20
1,2-Dichloropropane	50.0	55.3		ug/Kg		111	73 - 127	0	20

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60515-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 720-168670/7

Matrix: Solid

Analysis Batch: 168670

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits		RPD	RPD Limit
cis-1,3-Dichloropropene	50.0	58.1		ug/Kg		116	68 - 147	1	20	
trans-1,3-Dichloropropene	50.0	62.9		ug/Kg		126	70 - 136	1	20	
Ethylbenzene	50.0	45.9		ug/Kg		92	80 - 137	3	20	
Hexachlorobutadiene	50.0	47.6		ug/Kg		95	70 - 132	5	20	
2-Hexanone	250	344 *		ug/Kg		138	44 - 133	5	20	
Isopropylbenzene	50.0	48.2		ug/Kg		96	70 - 130	3	20	
4-Isopropyltoluene	50.0	47.8		ug/Kg		96	70 - 133	3	20	
Methylene Chloride	50.0	53.5		ug/Kg		107	70 - 134	5	20	
4-Methyl-2-pentanone (MIBK)	250	337		ug/Kg		135	60 - 160	5	20	
Naphthalene	50.0	59.9		ug/Kg		120	60 - 147	1	20	
N-Propylbenzene	50.0	48.7		ug/Kg		97	70 - 130	2	20	
Styrene	50.0	52.9		ug/Kg		106	70 - 130	3	20	
1,1,1,2-Tetrachloroethane	50.0	51.2		ug/Kg		102	70 - 130	4	20	
1,1,1,2-Tetrachloroethane	50.0	59.2		ug/Kg		118	70 - 146	1	20	
Tetrachloroethene	50.0	53.0		ug/Kg		106	70 - 132	7	20	
Toluene	50.0	45.6		ug/Kg		91	80 - 128	3	20	
1,2,3-Trichlorobenzene	50.0	54.9		ug/Kg		110	60 - 140	3	20	
1,2,4-Trichlorobenzene	50.0	54.8		ug/Kg		110	60 - 140	3	20	
1,1,1-Trichloroethane	50.0	49.2		ug/Kg		98	70 - 130	3	20	
1,1,2-Trichloroethane	50.0	58.4		ug/Kg		117	70 - 130	2	20	
Trichloroethene	50.0	51.5		ug/Kg		103	70 - 133	6	20	
Trichlorofluoromethane	50.0	50.9		ug/Kg		102	60 - 140	17	20	
1,2,3-Trichloropropane	50.0	57.7		ug/Kg		115	70 - 146	0	20	
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	45.7		ug/Kg		91	60 - 140	9	20	
1,2,4-Trimethylbenzene	50.0	48.9		ug/Kg		98	70 - 130	3	20	
1,3,5-Trimethylbenzene	50.0	50.0		ug/Kg		100	70 - 131	4	20	
Vinyl acetate	50.0	62.7		ug/Kg		125	38 - 176	6	20	
Vinyl chloride	50.0	47.2		ug/Kg		94	58 - 125	16	20	
m-Xylene & p-Xylene	50.0	47.4		ug/Kg		95	70 - 146	2	20	
o-Xylene	50.0	48.3		ug/Kg		97	70 - 140	2	20	
2,2-Dichloropropane	50.0	51.8		ug/Kg		104	70 - 162	4	20	

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene	95		45 - 131
1,2-Dichloroethane-d4 (Surr)	86		60 - 140
Toluene-d8 (Surr)	95		58 - 140

Lab Sample ID: MB 720-168841/9

Matrix: Solid

Analysis Batch: 168841

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Methyl tert-butyl ether	ND		5.0		ug/Kg			10/15/14 09:15	1
Acetone	ND		50		ug/Kg			10/15/14 09:15	1
Benzene	ND		5.0		ug/Kg			10/15/14 09:15	1
Dichlorobromomethane	ND		5.0		ug/Kg			10/15/14 09:15	1
Bromobenzene	ND		5.0		ug/Kg			10/15/14 09:15	1

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60515-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 720-168841/9

Matrix: Solid

Analysis Batch: 168841

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobromomethane	ND		20		ug/Kg			10/15/14 09:15	1
Bromoform	ND		5.0		ug/Kg			10/15/14 09:15	1
Bromomethane	ND		10		ug/Kg			10/15/14 09:15	1
2-Butanone (MEK)	ND		50		ug/Kg			10/15/14 09:15	1
n-Butylbenzene	ND		5.0		ug/Kg			10/15/14 09:15	1
sec-Butylbenzene	ND		5.0		ug/Kg			10/15/14 09:15	1
tert-Butylbenzene	ND		5.0		ug/Kg			10/15/14 09:15	1
Carbon disulfide	ND		5.0		ug/Kg			10/15/14 09:15	1
Carbon tetrachloride	ND		5.0		ug/Kg			10/15/14 09:15	1
Chlorobenzene	ND		5.0		ug/Kg			10/15/14 09:15	1
Chloroethane	ND		10		ug/Kg			10/15/14 09:15	1
Chloroform	ND		5.0		ug/Kg			10/15/14 09:15	1
Chloromethane	ND		10		ug/Kg			10/15/14 09:15	1
2-Chlorotoluene	ND		5.0		ug/Kg			10/15/14 09:15	1
4-Chlorotoluene	ND		5.0		ug/Kg			10/15/14 09:15	1
Chlorodibromomethane	ND		5.0		ug/Kg			10/15/14 09:15	1
1,2-Dichlorobenzene	ND		5.0		ug/Kg			10/15/14 09:15	1
1,3-Dichlorobenzene	ND		5.0		ug/Kg			10/15/14 09:15	1
1,4-Dichlorobenzene	ND		5.0		ug/Kg			10/15/14 09:15	1
1,3-Dichloropropane	ND		5.0		ug/Kg			10/15/14 09:15	1
1,1-Dichloropropene	ND		5.0		ug/Kg			10/15/14 09:15	1
1,2-Dibromo-3-Chloropropane	ND		10		ug/Kg			10/15/14 09:15	1
Ethylene Dibromide	ND		5.0		ug/Kg			10/15/14 09:15	1
Dibromomethane	ND		10		ug/Kg			10/15/14 09:15	1
Dichlorodifluoromethane	ND		10		ug/Kg			10/15/14 09:15	1
1,1-Dichloroethane	ND		5.0		ug/Kg			10/15/14 09:15	1
1,2-Dichloroethane	ND		5.0		ug/Kg			10/15/14 09:15	1
1,1-Dichloroethene	ND		5.0		ug/Kg			10/15/14 09:15	1
cis-1,2-Dichloroethene	ND		5.0		ug/Kg			10/15/14 09:15	1
trans-1,2-Dichloroethene	ND		5.0		ug/Kg			10/15/14 09:15	1
1,2-Dichloropropane	ND		5.0		ug/Kg			10/15/14 09:15	1
cis-1,3-Dichloropropene	ND		5.0		ug/Kg			10/15/14 09:15	1
trans-1,3-Dichloropropene	ND		5.0		ug/Kg			10/15/14 09:15	1
Ethylbenzene	ND		5.0		ug/Kg			10/15/14 09:15	1
Hexachlorobutadiene	ND		5.0		ug/Kg			10/15/14 09:15	1
2-Hexanone	ND		50		ug/Kg			10/15/14 09:15	1
Isopropylbenzene	ND		5.0		ug/Kg			10/15/14 09:15	1
4-Isopropyltoluene	ND		5.0		ug/Kg			10/15/14 09:15	1
Methylene Chloride	ND		10		ug/Kg			10/15/14 09:15	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/Kg			10/15/14 09:15	1
Naphthalene	ND		10		ug/Kg			10/15/14 09:15	1
N-Propylbenzene	ND		5.0		ug/Kg			10/15/14 09:15	1
Styrene	ND		5.0		ug/Kg			10/15/14 09:15	1
1,1,1,2-Tetrachloroethane	ND		5.0		ug/Kg			10/15/14 09:15	1
1,1,2,2-Tetrachloroethane	ND		5.0		ug/Kg			10/15/14 09:15	1
Tetrachloroethene	ND		5.0		ug/Kg			10/15/14 09:15	1
Toluene	ND		5.0		ug/Kg			10/15/14 09:15	1
1,2,3-Trichlorobenzene	ND		5.0		ug/Kg			10/15/14 09:15	1

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60515-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 720-168841/9

Matrix: Solid

Analysis Batch: 168841

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		5.0		ug/Kg			10/15/14 09:15	1
1,1,1-Trichloroethane	ND		5.0		ug/Kg			10/15/14 09:15	1
1,1,2-Trichloroethane	ND		5.0		ug/Kg			10/15/14 09:15	1
Trichloroethene	ND		5.0		ug/Kg			10/15/14 09:15	1
Trichlorofluoromethane	ND		5.0		ug/Kg			10/15/14 09:15	1
1,2,3-Trichloropropane	ND		5.0		ug/Kg			10/15/14 09:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0		ug/Kg			10/15/14 09:15	1
1,2,4-Trimethylbenzene	ND		5.0		ug/Kg			10/15/14 09:15	1
1,3,5-Trimethylbenzene	ND		5.0		ug/Kg			10/15/14 09:15	1
Vinyl acetate	ND		20		ug/Kg			10/15/14 09:15	1
Vinyl chloride	ND		5.0		ug/Kg			10/15/14 09:15	1
Xylenes, Total	ND		10		ug/Kg			10/15/14 09:15	1
2,2-Dichloropropane	ND		5.0		ug/Kg			10/15/14 09:15	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	98		45 - 131		10/15/14 09:15	1
1,2-Dichloroethane-d4 (Surr)	97		60 - 140		10/15/14 09:15	1
Toluene-d8 (Surr)	95		58 - 140		10/15/14 09:15	1

Lab Sample ID: LCS 720-168841/10

Matrix: Solid

Analysis Batch: 168841

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl tert-butyl ether	50.0	54.9		ug/Kg		110	70 - 144
Acetone	250	198		ug/Kg		79	30 - 162
Benzene	50.0	43.7		ug/Kg		87	70 - 130
Dichlorobromomethane	50.0	48.2		ug/Kg		96	70 - 131
Bromobenzene	50.0	45.0		ug/Kg		90	70 - 130
Chlorobromomethane	50.0	44.2		ug/Kg		88	70 - 130
Bromoform	50.0	43.6		ug/Kg		87	59 - 158
Bromomethane	50.0	38.0		ug/Kg		76	59 - 132
2-Butanone (MEK)	250	217		ug/Kg		87	53 - 124
n-Butylbenzene	50.0	45.6		ug/Kg		91	70 - 142
sec-Butylbenzene	50.0	44.0		ug/Kg		88	70 - 136
tert-Butylbenzene	50.0	43.8		ug/Kg		88	70 - 130
Carbon disulfide	50.0	36.3		ug/Kg		73	60 - 140
Carbon tetrachloride	50.0	53.0		ug/Kg		106	70 - 138
Chlorobenzene	50.0	45.0		ug/Kg		90	70 - 130
Chloroethane	50.0	38.9		ug/Kg		78	65 - 130
Chloroform	50.0	45.4		ug/Kg		91	77 - 127
Chloromethane	50.0	36.6		ug/Kg		73	55 - 140
2-Chlorotoluene	50.0	44.9		ug/Kg		90	70 - 138
4-Chlorotoluene	50.0	45.2		ug/Kg		90	70 - 136
Chlorodibromomethane	50.0	49.0		ug/Kg		98	70 - 146
1,2-Dichlorobenzene	50.0	46.1		ug/Kg		92	70 - 130
1,3-Dichlorobenzene	50.0	45.9		ug/Kg		92	70 - 131
1,4-Dichlorobenzene	50.0	44.9		ug/Kg		90	70 - 130

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60515-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 720-168841/10

Matrix: Solid

Analysis Batch: 168841

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,3-Dichloropropane	50.0	47.1		ug/Kg		94	70 - 140
1,1-Dichloropropene	50.0	47.7		ug/Kg		95	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	51.4		ug/Kg		103	60 - 145
Ethylene Dibromide	50.0	51.4		ug/Kg		103	70 - 140
Dibromomethane	50.0	46.4		ug/Kg		93	70 - 139
Dichlorodifluoromethane	50.0	34.9		ug/Kg		70	37 - 158
1,1-Dichloroethane	50.0	46.1		ug/Kg		92	70 - 130
1,2-Dichloroethane	50.0	47.7		ug/Kg		95	70 - 130
1,1-Dichloroethene	50.0	39.0		ug/Kg		78	76 - 122
cis-1,2-Dichloroethene	50.0	45.4		ug/Kg		91	70 - 138
trans-1,2-Dichloroethene	50.0	43.7		ug/Kg		87	67 - 130
1,2-Dichloropropane	50.0	47.3		ug/Kg		95	73 - 127
cis-1,3-Dichloropropene	50.0	52.7		ug/Kg		105	68 - 147
trans-1,3-Dichloropropene	50.0	63.6		ug/Kg		127	70 - 136
Ethylbenzene	50.0	43.1		ug/Kg		86	80 - 137
Hexachlorobutadiene	50.0	47.7		ug/Kg		95	70 - 132
2-Hexanone	250	236		ug/Kg		94	44 - 133
Isopropylbenzene	50.0	44.3		ug/Kg		89	70 - 130
4-Isopropyltoluene	50.0	44.0		ug/Kg		88	70 - 133
Methylene Chloride	50.0	41.0		ug/Kg		82	70 - 134
4-Methyl-2-pentanone (MIBK)	250	228		ug/Kg		91	60 - 160
Naphthalene	50.0	48.0		ug/Kg		96	60 - 147
N-Propylbenzene	50.0	44.6		ug/Kg		89	70 - 130
Styrene	50.0	44.7		ug/Kg		89	70 - 130
1,1,1,2-Tetrachloroethane	50.0	51.1		ug/Kg		102	70 - 130
1,1,1,2,2-Tetrachloroethane	50.0	45.8		ug/Kg		92	70 - 146
Tetrachloroethene	50.0	46.7		ug/Kg		93	70 - 132
Toluene	50.0	42.3		ug/Kg		85	80 - 128
1,2,3-Trichlorobenzene	50.0	48.5		ug/Kg		97	60 - 140
1,2,4-Trichlorobenzene	50.0	48.6		ug/Kg		97	60 - 140
1,1,1-Trichloroethane	50.0	52.2		ug/Kg		104	70 - 130
1,1,2-Trichloroethane	50.0	46.9		ug/Kg		94	70 - 130
Trichloroethene	50.0	45.3		ug/Kg		91	70 - 133
Trichlorofluoromethane	50.0	42.4		ug/Kg		85	60 - 140
1,2,3-Trichloropropane	50.0	48.2		ug/Kg		96	70 - 146
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	40.2		ug/Kg		80	60 - 140
1,2,4-Trimethylbenzene	50.0	44.2		ug/Kg		88	70 - 130
1,3,5-Trimethylbenzene	50.0	44.8		ug/Kg		90	70 - 131
Vinyl acetate	50.0	55.4		ug/Kg		111	38 - 176
Vinyl chloride	50.0	37.0		ug/Kg		74	58 - 125
m-Xylene & p-Xylene	50.0	43.4		ug/Kg		87	70 - 146
o-Xylene	50.0	44.1		ug/Kg		88	70 - 140
2,2-Dichloropropane	50.0	68.0		ug/Kg		136	70 - 162

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene	98		45 - 131
1,2-Dichloroethane-d4 (Surr)	99		60 - 140

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60515-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 720-168841/10

Matrix: Solid

Analysis Batch: 168841

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
Toluene-d8 (Surr)	97		58 - 140

Lab Sample ID: LCSD 720-168841/11

Matrix: Solid

Analysis Batch: 168841

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec.		RPD	Limit
							Limits	RPD		
Methyl tert-butyl ether	50.0	59.0		ug/Kg		118	70 - 144	7	20	
Acetone	250	237		ug/Kg		95	30 - 162	18	30	
Benzene	50.0	46.4		ug/Kg		93	70 - 130	6	20	
Dichlorobromomethane	50.0	51.2		ug/Kg		102	70 - 131	6	20	
Bromobenzene	50.0	47.9		ug/Kg		96	70 - 130	6	20	
Chlorobromomethane	50.0	47.2		ug/Kg		94	70 - 130	7	20	
Bromoform	50.0	48.6		ug/Kg		97	59 - 158	11	20	
Bromomethane	50.0	44.6		ug/Kg		89	59 - 132	16	20	
2-Butanone (MEK)	250	260		ug/Kg		104	53 - 124	18	20	
n-Butylbenzene	50.0	48.6		ug/Kg		97	70 - 142	6	20	
sec-Butylbenzene	50.0	47.3		ug/Kg		95	70 - 136	7	20	
tert-Butylbenzene	50.0	46.9		ug/Kg		94	70 - 130	7	20	
Carbon disulfide	50.0	39.0		ug/Kg		78	60 - 140	7	20	
Carbon tetrachloride	50.0	57.7		ug/Kg		115	70 - 138	8	20	
Chlorobenzene	50.0	48.5		ug/Kg		97	70 - 130	7	20	
Chloroethane	50.0	45.5		ug/Kg		91	65 - 130	16	20	
Chloroform	50.0	48.4		ug/Kg		97	77 - 127	6	20	
Chloromethane	50.0	43.2		ug/Kg		86	55 - 140	16	20	
2-Chlorotoluene	50.0	47.6		ug/Kg		95	70 - 138	6	20	
4-Chlorotoluene	50.0	48.2		ug/Kg		96	70 - 136	6	20	
Chlorodibromomethane	50.0	52.9		ug/Kg		106	70 - 146	8	20	
1,2-Dichlorobenzene	50.0	49.1		ug/Kg		98	70 - 130	6	20	
1,3-Dichlorobenzene	50.0	48.8		ug/Kg		98	70 - 131	6	20	
1,4-Dichlorobenzene	50.0	48.0		ug/Kg		96	70 - 130	7	20	
1,3-Dichloropropane	50.0	50.0		ug/Kg		100	70 - 140	6	20	
1,1-Dichloropropene	50.0	51.3		ug/Kg		103	70 - 130	7	20	
1,2-Dibromo-3-Chloropropane	50.0	56.4		ug/Kg		113	60 - 145	9	20	
Ethylene Dibromide	50.0	55.0		ug/Kg		110	70 - 140	7	20	
Dibromomethane	50.0	49.3		ug/Kg		99	70 - 139	6	20	
Dichlorodifluoromethane	50.0	42.0		ug/Kg		84	37 - 158	18	20	
1,1-Dichloroethane	50.0	49.4		ug/Kg		99	70 - 130	7	20	
1,2-Dichloroethane	50.0	50.4		ug/Kg		101	70 - 130	5	20	
1,1-Dichloroethene	50.0	41.6		ug/Kg		83	76 - 122	7	20	
cis-1,2-Dichloroethene	50.0	48.3		ug/Kg		97	70 - 138	6	20	
trans-1,2-Dichloroethene	50.0	46.5		ug/Kg		93	67 - 130	6	20	
1,2-Dichloropropane	50.0	50.6		ug/Kg		101	73 - 127	7	20	
cis-1,3-Dichloropropene	50.0	56.4		ug/Kg		113	68 - 147	7	20	
trans-1,3-Dichloropropene	50.0	67.4		ug/Kg		135	70 - 136	6	20	
Ethylbenzene	50.0	46.4		ug/Kg		93	80 - 137	8	20	
Hexachlorobutadiene	50.0	51.6		ug/Kg		103	70 - 132	8	20	
2-Hexanone	250	283		ug/Kg		113	44 - 133	18	20	

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60515-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 720-168841/11

Matrix: Solid

Analysis Batch: 168841

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits		RPD	RPD Limit
Isopropylbenzene	50.0	47.9		ug/Kg		96	70 - 130	8	20	
4-Isopropyltoluene	50.0	46.8		ug/Kg		94	70 - 133	6	20	
Methylene Chloride	50.0	43.7		ug/Kg		87	70 - 134	6	20	
4-Methyl-2-pentanone (MIBK)	250	275		ug/Kg		110	60 - 160	19	20	
Naphthalene	50.0	52.7		ug/Kg		105	60 - 147	9	20	
N-Propylbenzene	50.0	47.4		ug/Kg		95	70 - 130	6	20	
Styrene	50.0	48.1		ug/Kg		96	70 - 130	7	20	
1,1,1,2-Tetrachloroethane	50.0	55.7		ug/Kg		111	70 - 130	9	20	
1,1,1,2,2-Tetrachloroethane	50.0	50.3		ug/Kg		101	70 - 146	9	20	
Tetrachloroethene	50.0	49.6		ug/Kg		99	70 - 132	6	20	
Toluene	50.0	45.9		ug/Kg		92	80 - 128	8	20	
1,2,3-Trichlorobenzene	50.0	52.1		ug/Kg		104	60 - 140	7	20	
1,2,4-Trichlorobenzene	50.0	52.3		ug/Kg		105	60 - 140	7	20	
1,1,1-Trichloroethane	50.0	56.2		ug/Kg		112	70 - 130	7	20	
1,1,1,2-Trichloroethane	50.0	50.6		ug/Kg		101	70 - 130	8	20	
Trichloroethene	50.0	48.7		ug/Kg		97	70 - 133	7	20	
Trichlorofluoromethane	50.0	51.0		ug/Kg		102	60 - 140	18	20	
1,2,3-Trichloropropane	50.0	53.1		ug/Kg		106	70 - 146	10	20	
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	43.2		ug/Kg		86	60 - 140	7	20	
1,2,4-Trimethylbenzene	50.0	47.0		ug/Kg		94	70 - 130	6	20	
1,3,5-Trimethylbenzene	50.0	47.8		ug/Kg		96	70 - 131	6	20	
Vinyl acetate	50.0	65.4		ug/Kg		131	38 - 176	17	20	
Vinyl chloride	50.0	43.0		ug/Kg		86	58 - 125	15	20	
m-Xylene & p-Xylene	50.0	46.4		ug/Kg		93	70 - 146	7	20	
o-Xylene	50.0	47.1		ug/Kg		94	70 - 140	7	20	
2,2-Dichloropropane	50.0	72.5		ug/Kg		145	70 - 162	6	20	

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene	99		45 - 131
1,2-Dichloroethane-d4 (Surr)	99		60 - 140
Toluene-d8 (Surr)	98		58 - 140

Lab Sample ID: MB 720-168842/4

Matrix: Solid

Analysis Batch: 168842

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Methyl tert-butyl ether	ND		5.0		ug/Kg			10/15/14 09:15	1
Acetone	ND		50		ug/Kg			10/15/14 09:15	1
Benzene	ND		5.0		ug/Kg			10/15/14 09:15	1
Dichlorobromomethane	ND		5.0		ug/Kg			10/15/14 09:15	1
Bromobenzene	ND		5.0		ug/Kg			10/15/14 09:15	1
Chlorobromomethane	ND		20		ug/Kg			10/15/14 09:15	1
Bromoform	ND		5.0		ug/Kg			10/15/14 09:15	1
Bromomethane	ND		10		ug/Kg			10/15/14 09:15	1
2-Butanone (MEK)	ND		50		ug/Kg			10/15/14 09:15	1
n-Butylbenzene	ND		5.0		ug/Kg			10/15/14 09:15	1

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60515-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 720-168842/4

Matrix: Solid

Analysis Batch: 168842

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	ND		5.0		ug/Kg			10/15/14 09:15	1
tert-Butylbenzene	ND		5.0		ug/Kg			10/15/14 09:15	1
Carbon disulfide	ND		5.0		ug/Kg			10/15/14 09:15	1
Carbon tetrachloride	ND		5.0		ug/Kg			10/15/14 09:15	1
Chlorobenzene	ND		5.0		ug/Kg			10/15/14 09:15	1
Chloroethane	ND		10		ug/Kg			10/15/14 09:15	1
Chloroform	ND		5.0		ug/Kg			10/15/14 09:15	1
Chloromethane	ND		10		ug/Kg			10/15/14 09:15	1
2-Chlorotoluene	ND		5.0		ug/Kg			10/15/14 09:15	1
4-Chlorotoluene	ND		5.0		ug/Kg			10/15/14 09:15	1
Chlorodibromomethane	ND		5.0		ug/Kg			10/15/14 09:15	1
1,2-Dichlorobenzene	ND		5.0		ug/Kg			10/15/14 09:15	1
1,3-Dichlorobenzene	ND		5.0		ug/Kg			10/15/14 09:15	1
1,4-Dichlorobenzene	ND		5.0		ug/Kg			10/15/14 09:15	1
1,3-Dichloropropane	ND		5.0		ug/Kg			10/15/14 09:15	1
1,1-Dichloropropene	ND		5.0		ug/Kg			10/15/14 09:15	1
1,2-Dibromo-3-Chloropropane	ND		10		ug/Kg			10/15/14 09:15	1
Ethylene Dibromide	ND		5.0		ug/Kg			10/15/14 09:15	1
Dibromomethane	ND		10		ug/Kg			10/15/14 09:15	1
Dichlorodifluoromethane	ND		10		ug/Kg			10/15/14 09:15	1
1,1-Dichloroethane	ND		5.0		ug/Kg			10/15/14 09:15	1
1,2-Dichloroethane	ND		5.0		ug/Kg			10/15/14 09:15	1
1,1-Dichloroethene	ND		5.0		ug/Kg			10/15/14 09:15	1
cis-1,2-Dichloroethene	ND		5.0		ug/Kg			10/15/14 09:15	1
trans-1,2-Dichloroethene	ND		5.0		ug/Kg			10/15/14 09:15	1
1,2-Dichloropropane	ND		5.0		ug/Kg			10/15/14 09:15	1
cis-1,3-Dichloropropene	ND		5.0		ug/Kg			10/15/14 09:15	1
trans-1,3-Dichloropropene	ND		5.0		ug/Kg			10/15/14 09:15	1
Ethylbenzene	ND		5.0		ug/Kg			10/15/14 09:15	1
Hexachlorobutadiene	ND		5.0		ug/Kg			10/15/14 09:15	1
2-Hexanone	ND		50		ug/Kg			10/15/14 09:15	1
Isopropylbenzene	ND		5.0		ug/Kg			10/15/14 09:15	1
4-Isopropyltoluene	ND		5.0		ug/Kg			10/15/14 09:15	1
Methylene Chloride	ND		10		ug/Kg			10/15/14 09:15	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/Kg			10/15/14 09:15	1
Naphthalene	ND		10		ug/Kg			10/15/14 09:15	1
N-Propylbenzene	ND		5.0		ug/Kg			10/15/14 09:15	1
Styrene	ND		5.0		ug/Kg			10/15/14 09:15	1
1,1,1,2-Tetrachloroethane	ND		5.0		ug/Kg			10/15/14 09:15	1
1,1,2,2-Tetrachloroethane	ND		5.0		ug/Kg			10/15/14 09:15	1
Tetrachloroethene	ND		5.0		ug/Kg			10/15/14 09:15	1
Toluene	ND		5.0		ug/Kg			10/15/14 09:15	1
1,2,3-Trichlorobenzene	ND		5.0		ug/Kg			10/15/14 09:15	1
1,2,4-Trichlorobenzene	ND		5.0		ug/Kg			10/15/14 09:15	1
1,1,1-Trichloroethane	ND		5.0		ug/Kg			10/15/14 09:15	1
1,1,2-Trichloroethane	ND		5.0		ug/Kg			10/15/14 09:15	1
Trichloroethene	ND		5.0		ug/Kg			10/15/14 09:15	1
Trichlorofluoromethane	ND		5.0		ug/Kg			10/15/14 09:15	1

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60515-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 720-168842/4

Matrix: Solid

Analysis Batch: 168842

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		5.0		ug/Kg			10/15/14 09:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0		ug/Kg			10/15/14 09:15	1
1,2,4-Trimethylbenzene	ND		5.0		ug/Kg			10/15/14 09:15	1
1,3,5-Trimethylbenzene	ND		5.0		ug/Kg			10/15/14 09:15	1
Vinyl acetate	ND		20		ug/Kg			10/15/14 09:15	1
Vinyl chloride	ND		5.0		ug/Kg			10/15/14 09:15	1
Xylenes, Total	ND		10		ug/Kg			10/15/14 09:15	1
2,2-Dichloropropane	ND		5.0		ug/Kg			10/15/14 09:15	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	96		45 - 131		10/15/14 09:15	1
1,2-Dichloroethane-d4 (Surr)	86		60 - 140		10/15/14 09:15	1
Toluene-d8 (Surr)	93		58 - 140		10/15/14 09:15	1

Lab Sample ID: LCS 720-168842/5

Matrix: Solid

Analysis Batch: 168842

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl tert-butyl ether	50.0	48.8		ug/Kg		98	70 - 144
Acetone	250	205		ug/Kg		82	30 - 162
Benzene	50.0	49.0		ug/Kg		98	70 - 130
Dichlorobromomethane	50.0	47.6		ug/Kg		95	70 - 131
Bromobenzene	50.0	50.3		ug/Kg		101	70 - 130
Chlorobromomethane	50.0	52.0		ug/Kg		104	70 - 130
Bromoform	50.0	52.3		ug/Kg		105	59 - 158
Bromomethane	50.0	42.0		ug/Kg		84	59 - 132
2-Butanone (MEK)	250	239		ug/Kg		96	53 - 124
n-Butylbenzene	50.0	50.0		ug/Kg		100	70 - 142
sec-Butylbenzene	50.0	47.9		ug/Kg		96	70 - 136
tert-Butylbenzene	50.0	47.7		ug/Kg		95	70 - 130
Carbon disulfide	50.0	42.1		ug/Kg		84	60 - 140
Carbon tetrachloride	50.0	44.0		ug/Kg		88	70 - 138
Chlorobenzene	50.0	49.8		ug/Kg		100	70 - 130
Chloroethane	50.0	44.3		ug/Kg		89	65 - 130
Chloroform	50.0	46.4		ug/Kg		93	77 - 127
Chloromethane	50.0	43.5		ug/Kg		87	55 - 140
2-Chlorotoluene	50.0	48.3		ug/Kg		97	70 - 138
4-Chlorotoluene	50.0	49.0		ug/Kg		98	70 - 136
Chlorodibromomethane	50.0	51.4		ug/Kg		103	70 - 146
1,2-Dichlorobenzene	50.0	51.0		ug/Kg		102	70 - 130
1,3-Dichlorobenzene	50.0	51.2		ug/Kg		102	70 - 131
1,4-Dichlorobenzene	50.0	50.5		ug/Kg		101	70 - 130
1,3-Dichloropropane	50.0	52.1		ug/Kg		104	70 - 140
1,1-Dichloropropene	50.0	50.7		ug/Kg		101	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	56.0		ug/Kg		112	60 - 145
Ethylene Dibromide	50.0	53.1		ug/Kg		106	70 - 140
Dibromomethane	50.0	50.5		ug/Kg		101	70 - 139

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60515-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 720-168842/5

Matrix: Solid

Analysis Batch: 168842

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dichlorodifluoromethane	50.0	42.2		ug/Kg		84	37 - 158
1,1-Dichloroethane	50.0	49.2		ug/Kg		98	70 - 130
1,2-Dichloroethane	50.0	43.1		ug/Kg		86	70 - 130
1,1-Dichloroethene	50.0	44.6		ug/Kg		89	76 - 122
cis-1,2-Dichloroethene	50.0	47.9		ug/Kg		96	70 - 138
trans-1,2-Dichloroethene	50.0	50.6		ug/Kg		101	67 - 130
1,2-Dichloropropane	50.0	52.3		ug/Kg		105	73 - 127
cis-1,3-Dichloropropene	50.0	54.7		ug/Kg		109	68 - 147
trans-1,3-Dichloropropene	50.0	57.4		ug/Kg		115	70 - 136
Ethylbenzene	50.0	45.2		ug/Kg		90	80 - 137
Hexachlorobutadiene	50.0	45.4		ug/Kg		91	70 - 132
2-Hexanone	250	253		ug/Kg		101	44 - 133
Isopropylbenzene	50.0	47.1		ug/Kg		94	70 - 130
4-Isopropyltoluene	50.0	46.6		ug/Kg		93	70 - 133
Methylene Chloride	50.0	48.8		ug/Kg		98	70 - 134
4-Methyl-2-pentanone (MIBK)	250	252		ug/Kg		101	60 - 160
Naphthalene	50.0	57.5		ug/Kg		115	60 - 147
N-Propylbenzene	50.0	48.1		ug/Kg		96	70 - 130
Styrene	50.0	52.4		ug/Kg		105	70 - 130
1,1,1,2-Tetrachloroethane	50.0	48.4		ug/Kg		97	70 - 130
1,1,1,2,2-Tetrachloroethane	50.0	56.7		ug/Kg		113	70 - 146
Tetrachloroethene	50.0	48.8		ug/Kg		98	70 - 132
Toluene	50.0	46.2		ug/Kg		92	80 - 128
1,2,3-Trichlorobenzene	50.0	52.5		ug/Kg		105	60 - 140
1,2,4-Trichlorobenzene	50.0	51.8		ug/Kg		104	60 - 140
1,1,1-Trichloroethane	50.0	43.8		ug/Kg		88	70 - 130
1,1,2-Trichloroethane	50.0	54.7		ug/Kg		109	70 - 130
Trichloroethene	50.0	48.7		ug/Kg		97	70 - 133
Trichlorofluoromethane	50.0	38.8		ug/Kg		78	60 - 140
1,2,3-Trichloropropane	50.0	53.4		ug/Kg		107	70 - 146
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	41.6		ug/Kg		83	60 - 140
1,2,4-Trimethylbenzene	50.0	47.4		ug/Kg		95	70 - 130
1,3,5-Trimethylbenzene	50.0	48.5		ug/Kg		97	70 - 131
Vinyl acetate	50.0	46.7		ug/Kg		93	38 - 176
Vinyl chloride	50.0	38.5		ug/Kg		77	58 - 125
m-Xylene & p-Xylene	50.0	46.5		ug/Kg		93	70 - 146
o-Xylene	50.0	47.2		ug/Kg		94	70 - 140
2,2-Dichloropropane	50.0	46.3		ug/Kg		93	70 - 162

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene	95		45 - 131
1,2-Dichloroethane-d4 (Surr)	78		60 - 140
Toluene-d8 (Surr)	94		58 - 140

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60515-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 720-168842/6

Matrix: Solid

Analysis Batch: 168842

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Methyl tert-butyl ether	50.0	48.6		ug/Kg		97	70 - 144	0	20
Acetone	250	217		ug/Kg		87	30 - 162	6	30
Benzene	50.0	47.4		ug/Kg		95	70 - 130	3	20
Dichlorobromomethane	50.0	46.0		ug/Kg		92	70 - 131	3	20
Bromobenzene	50.0	49.1		ug/Kg		98	70 - 130	2	20
Chlorobromomethane	50.0	50.0		ug/Kg		100	70 - 130	4	20
Bromoform	50.0	51.1		ug/Kg		102	59 - 158	2	20
Bromomethane	50.0	41.6		ug/Kg		83	59 - 132	1	20
2-Butanone (MEK)	250	244		ug/Kg		98	53 - 124	2	20
n-Butylbenzene	50.0	45.9		ug/Kg		92	70 - 142	8	20
sec-Butylbenzene	50.0	44.4		ug/Kg		89	70 - 136	8	20
tert-Butylbenzene	50.0	44.5		ug/Kg		89	70 - 130	7	20
Carbon disulfide	50.0	40.5		ug/Kg		81	60 - 140	4	20
Carbon tetrachloride	50.0	42.3		ug/Kg		85	70 - 138	4	20
Chlorobenzene	50.0	47.5		ug/Kg		95	70 - 130	5	20
Chloroethane	50.0	44.3		ug/Kg		89	65 - 130	0	20
Chloroform	50.0	45.0		ug/Kg		90	77 - 127	3	20
Chloromethane	50.0	43.1		ug/Kg		86	55 - 140	1	20
2-Chlorotoluene	50.0	46.3		ug/Kg		93	70 - 138	4	20
4-Chlorotoluene	50.0	46.5		ug/Kg		93	70 - 136	5	20
Chlorodibromomethane	50.0	50.3		ug/Kg		101	70 - 146	2	20
1,2-Dichlorobenzene	50.0	49.1		ug/Kg		98	70 - 130	4	20
1,3-Dichlorobenzene	50.0	48.9		ug/Kg		98	70 - 131	4	20
1,4-Dichlorobenzene	50.0	47.9		ug/Kg		96	70 - 130	5	20
1,3-Dichloropropane	50.0	51.3		ug/Kg		103	70 - 140	2	20
1,1-Dichloropropene	50.0	48.7		ug/Kg		97	70 - 130	4	20
1,2-Dibromo-3-Chloropropane	50.0	53.7		ug/Kg		107	60 - 145	4	20
Ethylene Dibromide	50.0	52.2		ug/Kg		104	70 - 140	2	20
Dibromomethane	50.0	49.1		ug/Kg		98	70 - 139	3	20
Dichlorodifluoromethane	50.0	38.6		ug/Kg		77	37 - 158	9	20
1,1-Dichloroethane	50.0	46.8		ug/Kg		94	70 - 130	5	20
1,2-Dichloroethane	50.0	42.0		ug/Kg		84	70 - 130	2	20
1,1-Dichloroethene	50.0	42.1		ug/Kg		84	76 - 122	6	20
cis-1,2-Dichloroethene	50.0	46.4		ug/Kg		93	70 - 138	3	20
trans-1,2-Dichloroethene	50.0	48.3		ug/Kg		97	67 - 130	5	20
1,2-Dichloropropane	50.0	51.1		ug/Kg		102	73 - 127	2	20
cis-1,3-Dichloropropene	50.0	53.2		ug/Kg		106	68 - 147	3	20
trans-1,3-Dichloropropene	50.0	56.4		ug/Kg		113	70 - 136	2	20
Ethylbenzene	50.0	42.9		ug/Kg		86	80 - 137	5	20
Hexachlorobutadiene	50.0	37.5		ug/Kg		75	70 - 132	19	20
2-Hexanone	250	263		ug/Kg		105	44 - 133	4	20
Isopropylbenzene	50.0	44.7		ug/Kg		89	70 - 130	5	20
4-Isopropyltoluene	50.0	43.2		ug/Kg		86	70 - 133	8	20
Methylene Chloride	50.0	47.1		ug/Kg		94	70 - 134	4	20
4-Methyl-2-pentanone (MIBK)	250	261		ug/Kg		104	60 - 160	3	20
Naphthalene	50.0	54.7		ug/Kg		109	60 - 147	5	20
N-Propylbenzene	50.0	45.5		ug/Kg		91	70 - 130	6	20
Styrene	50.0	50.0		ug/Kg		100	70 - 130	5	20

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60515-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 720-168842/6

Matrix: Solid

Analysis Batch: 168842

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	50.0	46.9		ug/Kg		94	70 - 130	3	20
1,1,1,2,2-Tetrachloroethane	50.0	55.7		ug/Kg		111	70 - 146	2	20
Tetrachloroethene	50.0	46.8		ug/Kg		94	70 - 132	4	20
Toluene	50.0	43.6		ug/Kg		87	80 - 128	6	20
1,2,3-Trichlorobenzene	50.0	48.8		ug/Kg		98	60 - 140	7	20
1,2,4-Trichlorobenzene	50.0	48.5		ug/Kg		97	60 - 140	7	20
1,1,1-Trichloroethane	50.0	41.9		ug/Kg		84	70 - 130	4	20
1,1,1,2-Trichloroethane	50.0	53.1		ug/Kg		106	70 - 130	3	20
Trichloroethene	50.0	47.0		ug/Kg		94	70 - 133	4	20
Trichlorofluoromethane	50.0	38.0		ug/Kg		76	60 - 140	2	20
1,2,3-Trichloropropane	50.0	51.7		ug/Kg		103	70 - 146	3	20
1,1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	39.2		ug/Kg		78	60 - 140	6	20
1,2,4-Trimethylbenzene	50.0	45.0		ug/Kg		90	70 - 130	5	20
1,3,5-Trimethylbenzene	50.0	45.6		ug/Kg		91	70 - 131	6	20
Vinyl acetate	50.0	48.9		ug/Kg		98	38 - 176	5	20
Vinyl chloride	50.0	37.8		ug/Kg		76	58 - 125	2	20
m-Xylene & p-Xylene	50.0	44.5		ug/Kg		89	70 - 146	4	20
o-Xylene	50.0	44.9		ug/Kg		90	70 - 140	5	20
2,2-Dichloropropane	50.0	44.7		ug/Kg		89	70 - 162	4	20

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
4-Bromofluorobenzene	96		45 - 131
1,2-Dichloroethane-d4 (Surr)	79		60 - 140
Toluene-d8 (Surr)	95		58 - 140

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Lab Sample ID: MB 720-168836/1-A

Matrix: Solid

Analysis Batch: 168956

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 168836

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 17:29	1
Bis(2-chloroethyl)ether	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 17:29	1
2-Chlorophenol	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 17:29	1
1,3-Dichlorobenzene	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 17:29	1
1,4-Dichlorobenzene	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 17:29	1
Benzyl alcohol	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 17:29	1
1,2-Dichlorobenzene	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 17:29	1
2-Methylphenol	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 17:29	1
Methylphenol, 3 & 4	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 17:29	1
N-Nitrosodi-n-propylamine	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 17:29	1
Hexachloroethane	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 17:29	1
Nitrobenzene	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 17:29	1
Isophorone	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 17:29	1
2-Nitrophenol	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 17:29	1
2,4-Dimethylphenol	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 17:29	1

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60515-1

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

(Continued)

Lab Sample ID: MB 720-168836/1-A

Matrix: Solid

Analysis Batch: 168956

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 168836

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethoxy)methane	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 17:29	1
2,4-Dichlorophenol	ND		0.33		mg/Kg		10/14/14 22:47	10/16/14 17:29	1
1,2,4-Trichlorobenzene	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 17:29	1
Naphthalene	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 17:29	1
4-Chloroaniline	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 17:29	1
Hexachlorobutadiene	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 17:29	1
4-Chloro-3-methylphenol	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 17:29	1
2-Methylnaphthalene	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 17:29	1
Hexachlorocyclopentadiene	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 17:29	1
2,4,6-Trichlorophenol	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 17:29	1
2,4,5-Trichlorophenol	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 17:29	1
2-Chloronaphthalene	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 17:29	1
2-Nitroaniline	ND		0.33		mg/Kg		10/14/14 22:47	10/16/14 17:29	1
Dimethyl phthalate	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 17:29	1
Acenaphthylene	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 17:29	1
3-Nitroaniline	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 17:29	1
Acenaphthene	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 17:29	1
2,4-Dinitrophenol	ND		0.66		mg/Kg		10/14/14 22:47	10/16/14 17:29	1
4-Nitrophenol	ND		0.33		mg/Kg		10/14/14 22:47	10/16/14 17:29	1
Dibenzofuran	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 17:29	1
2,4-Dinitrotoluene	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 17:29	1
2,6-Dinitrotoluene	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 17:29	1
Diethyl phthalate	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 17:29	1
4-Chlorophenyl phenyl ether	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 17:29	1
Fluorene	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 17:29	1
4-Nitroaniline	ND		0.33		mg/Kg		10/14/14 22:47	10/16/14 17:29	1
2-Methyl-4,6-dinitrophenol	ND		0.33		mg/Kg		10/14/14 22:47	10/16/14 17:29	1
N-Nitrosodiphenylamine	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 17:29	1
4-Bromophenyl phenyl ether	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 17:29	1
Hexachlorobenzene	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 17:29	1
Pentachlorophenol	ND		0.33		mg/Kg		10/14/14 22:47	10/16/14 17:29	1
Phenanthrene	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 17:29	1
Anthracene	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 17:29	1
Di-n-butyl phthalate	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 17:29	1
Fluoranthene	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 17:29	1
Pyrene	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 17:29	1
Butyl benzyl phthalate	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 17:29	1
3,3'-Dichlorobenzidine	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 17:29	1
Benzo[a]anthracene	ND		0.33		mg/Kg		10/14/14 22:47	10/16/14 17:29	1
Bis(2-ethylhexyl) phthalate	ND		0.33		mg/Kg		10/14/14 22:47	10/16/14 17:29	1
Chrysene	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 17:29	1
Di-n-octyl phthalate	ND		0.17		mg/Kg		10/14/14 22:47	10/16/14 17:29	1
Benzo[b]fluoranthene	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 17:29	1
Benzo[a]pyrene	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 17:29	1
Benzo[k]fluoranthene	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 17:29	1
Indeno[1,2,3-cd]pyrene	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 17:29	1
Benzo[g,h,i]perylene	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 17:29	1

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60515-1

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

(Continued)

Lab Sample ID: MB 720-168836/1-A

Matrix: Solid

Analysis Batch: 168956

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 168836

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzoic acid	ND		0.33		mg/Kg		10/14/14 22:47	10/16/14 17:29	1
Azobenzene	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 17:29	1
Dibenz(a,h)anthracene	ND		0.067		mg/Kg		10/14/14 22:47	10/16/14 17:29	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	77		21 - 98	10/14/14 22:47	10/16/14 17:29	1
2-Fluorobiphenyl	77		30 - 112	10/14/14 22:47	10/16/14 17:29	1
Terphenyl-d14	108		32 - 117	10/14/14 22:47	10/16/14 17:29	1
2-Fluorophenol	53		28 - 98	10/14/14 22:47	10/16/14 17:29	1
Phenol-d5	54		23 - 101	10/14/14 22:47	10/16/14 17:29	1
2,4,6-Tribromophenol	61		37 - 114	10/14/14 22:47	10/16/14 17:29	1

Lab Sample ID: LCS 720-168836/2-A

Matrix: Solid

Analysis Batch: 168956

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 168836

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Phenol	1.33	0.906		mg/Kg		68	48 - 115
Bis(2-chloroethyl)ether	1.33	1.07		mg/Kg		81	45 - 115
2-Chlorophenol	1.33	0.945		mg/Kg		71	48 - 115
1,3-Dichlorobenzene	1.33	0.934		mg/Kg		70	41 - 115
1,4-Dichlorobenzene	1.33	0.918		mg/Kg		69	40 - 115
Benzyl alcohol	1.33	1.06		mg/Kg		80	51 - 115
1,2-Dichlorobenzene	1.33	1.00		mg/Kg		75	44 - 115
2-Methylphenol	1.33	1.10		mg/Kg		83	54 - 115
Methylphenol, 3 & 4	1.33	1.07		mg/Kg		81	42 - 115
N-Nitrosodi-n-propylamine	1.33	1.08		mg/Kg		81	46 - 115
Hexachloroethane	1.33	1.06		mg/Kg		80	44 - 115
Nitrobenzene	1.33	1.07		mg/Kg		80	48 - 115
Isophorone	1.33	1.09		mg/Kg		82	54 - 115
2-Nitrophenol	1.33	1.01		mg/Kg		76	48 - 115
2,4-Dimethylphenol	1.33	1.16		mg/Kg		87	52 - 115
Bis(2-chloroethoxy)methane	1.33	1.06		mg/Kg		80	46 - 115
2,4-Dichlorophenol	1.33	0.985		mg/Kg		74	49 - 100
1,2,4-Trichlorobenzene	1.33	0.994		mg/Kg		75	47 - 115
Naphthalene	1.33	1.01		mg/Kg		76	44 - 115
4-Chloroaniline	1.33	0.930		mg/Kg		70	30 - 115
Hexachlorobutadiene	1.33	0.985		mg/Kg		74	44 - 115
4-Chloro-3-methylphenol	1.33	1.03		mg/Kg		78	58 - 115
2-Methylnaphthalene	1.33	1.00		mg/Kg		75	49 - 115
Hexachlorocyclopentadiene	1.33	0.962		mg/Kg		73	42 - 132
2,4,6-Trichlorophenol	1.33	1.06		mg/Kg		80	45 - 115
2,4,5-Trichlorophenol	1.33	1.12		mg/Kg		84	48 - 115
2-Chloronaphthalene	1.33	1.07		mg/Kg		80	52 - 115
2-Nitroaniline	1.33	1.29		mg/Kg		97	54 - 115
Dimethyl phthalate	1.33	1.19		mg/Kg		90	64 - 119
Acenaphthylene	1.33	1.07		mg/Kg		81	61 - 129

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60515-1

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

(Continued)

Lab Sample ID: LCS 720-168836/2-A

Matrix: Solid

Analysis Batch: 168956

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 168836

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
3-Nitroaniline	1.33	1.01		mg/Kg		76	50 - 115
Acenaphthene	1.33	1.08		mg/Kg		82	50 - 115
2,4-Dinitrophenol	2.65	0.763		mg/Kg		29	15 - 115
4-Nitrophenol	2.65	3.03		mg/Kg		114	54 - 125
Dibenzofuran	1.33	1.10		mg/Kg		83	55 - 115
2,4-Dinitrotoluene	1.33	1.23		mg/Kg		92	57 - 115
2,6-Dinitrotoluene	1.33	1.13		mg/Kg		85	54 - 119
Diethyl phthalate	1.33	1.21		mg/Kg		91	49 - 117
4-Chlorophenyl phenyl ether	1.33	1.27		mg/Kg		96	57 - 115
Fluorene	1.33	1.08		mg/Kg		81	54 - 115
4-Nitroaniline	1.33	1.37		mg/Kg		103	59 - 115
2-Methyl-4,6-dinitrophenol	2.65	1.92		mg/Kg		72	39 - 115
N-Nitrosodiphenylamine	1.33	1.13		mg/Kg		86	56 - 115
4-Bromophenyl phenyl ether	1.33	1.07		mg/Kg		80	53 - 115
Hexachlorobenzene	1.33	1.05		mg/Kg		79	55 - 115
Pentachlorophenol	2.65	2.11		mg/Kg		80	35 - 115
Phenanthrene	1.33	1.13		mg/Kg		85	54 - 115
Anthracene	1.33	1.18		mg/Kg		89	55 - 115
Di-n-butyl phthalate	1.33	1.21		mg/Kg		91	55 - 115
Fluoranthene	1.33	1.15		mg/Kg		87	52 - 130
Pyrene	1.33	1.27		mg/Kg		96	48 - 115
Butyl benzyl phthalate	1.33	1.31		mg/Kg		99	53 - 115
3,3'-Dichlorobenzidine	1.33	0.948		mg/Kg		72	42 - 115
Benzo[a]anthracene	1.33	1.16		mg/Kg		87	55 - 115
Bis(2-ethylhexyl) phthalate	1.33	1.38		mg/Kg		104	53 - 115
Chrysene	1.33	1.19		mg/Kg		89	58 - 115
Di-n-octyl phthalate	1.33	1.28		mg/Kg		97	53 - 115
Benzo[b]fluoranthene	1.33	1.15		mg/Kg		86	50 - 119
Benzo[a]pyrene	1.33	1.22		mg/Kg		92	57 - 122
Benzo[k]fluoranthene	1.33	1.22		mg/Kg		92	55 - 120
Indeno[1,2,3-cd]pyrene	1.33	1.31		mg/Kg		99	56 - 115
Benzo[g,h,i]perylene	1.33	1.34		mg/Kg		101	56 - 115
Benzoic acid	1.33	0.559		mg/Kg		42	10 - 115
Azobenzene	1.33	1.15		mg/Kg		87	52 - 115
Dibenz(a,h)anthracene	1.33	1.32		mg/Kg		100	57 - 121

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
Nitrobenzene-d5	82		21 - 98
2-Fluorobiphenyl	83		30 - 112
Terphenyl-d14	103		32 - 117
2-Fluorophenol	59		28 - 98
Phenol-d5	66		23 - 101
2,4,6-Tribromophenol	82		37 - 114

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60515-1

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

(Continued)

Lab Sample ID: 720-60509-A-1-E MS

Matrix: Solid

Analysis Batch: 168956

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 168836

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier	Added	Result	Qualifier				
Phenol	ND		1.32	0.801		mg/Kg		61	23 - 115
Bis(2-chloroethyl)ether	ND		1.32	0.960		mg/Kg		73	27 - 115
2-Chlorophenol	ND		1.32	0.829		mg/Kg		63	16 - 115
1,3-Dichlorobenzene	ND		1.32	0.821		mg/Kg		62	22 - 115
1,4-Dichlorobenzene	ND		1.32	0.774		mg/Kg		59	21 - 115
Benzyl alcohol	ND		1.32	0.944		mg/Kg		71	28 - 115
1,2-Dichlorobenzene	ND		1.32	0.867		mg/Kg		66	25 - 115
2-Methylphenol	ND		1.32	0.993		mg/Kg		75	32 - 115
Methylphenol, 3 & 4	ND		1.32	0.905		mg/Kg		68	28 - 115
N-Nitrosodi-n-propylamine	ND		1.32	0.939		mg/Kg		71	27 - 115
Hexachloroethane	ND		1.32	0.919		mg/Kg		69	19 - 115
Nitrobenzene	ND		1.32	0.954		mg/Kg		72	30 - 115
Isophorone	ND		1.32	0.948		mg/Kg		72	36 - 115
2-Nitrophenol	ND		1.32	0.926		mg/Kg		70	11 - 116
2,4-Dimethylphenol	ND		1.32	0.941		mg/Kg		71	36 - 115
Bis(2-chloroethoxy)methane	ND		1.32	0.936		mg/Kg		71	28 - 115
2,4-Dichlorophenol	ND		1.32	0.888		mg/Kg		67	17 - 115
1,2,4-Trichlorobenzene	ND		1.32	0.887		mg/Kg		67	29 - 115
Naphthalene	ND		1.32	0.888		mg/Kg		67	22 - 115
4-Chloroaniline	ND		1.32	0.842		mg/Kg		64	7 - 115
Hexachlorobutadiene	ND		1.32	0.871		mg/Kg		66	26 - 115
4-Chloro-3-methylphenol	ND		1.32	0.911		mg/Kg		69	42 - 115
2-Methylnaphthalene	ND		1.32	0.899		mg/Kg		68	28 - 115
Hexachlorocyclopentadiene	ND		1.32	0.814		mg/Kg		62	15 - 115
2,4,6-Trichlorophenol	ND		1.32	0.943		mg/Kg		71	25 - 115
2,4,5-Trichlorophenol	ND		1.32	1.01		mg/Kg		76	38 - 115
2-Chloronaphthalene	ND		1.32	0.964		mg/Kg		73	38 - 115
2-Nitroaniline	ND		1.32	1.13		mg/Kg		85	43 - 115
Dimethyl phthalate	ND		1.32	1.04		mg/Kg		79	55 - 116
Acenaphthylene	ND		1.32	0.956		mg/Kg		72	49 - 120
3-Nitroaniline	ND		1.32	0.917		mg/Kg		69	39 - 115
Acenaphthene	ND		1.32	0.967		mg/Kg		73	42 - 115
2,4-Dinitrophenol	ND		2.64	1.18		mg/Kg		45	13 - 122
4-Nitrophenol	ND		2.64	2.67		mg/Kg		101	25 - 147
Dibenzofuran	ND		1.32	0.985		mg/Kg		75	43 - 115
2,4-Dinitrotoluene	ND		1.32	1.10		mg/Kg		83	47 - 115
2,6-Dinitrotoluene	ND		1.32	0.975		mg/Kg		74	55 - 115
Diethyl phthalate	ND		1.32	1.07		mg/Kg		81	48 - 115
4-Chlorophenyl phenyl ether	ND		1.32	1.12		mg/Kg		85	44 - 115
Fluorene	ND		1.32	0.995		mg/Kg		75	41 - 115
4-Nitroaniline	ND		1.32	1.23		mg/Kg		93	47 - 120
2-Methyl-4,6-dinitrophenol	ND		2.64	1.95		mg/Kg		74	19 - 132
N-Nitrosodiphenylamine	ND		1.32	1.03		mg/Kg		78	43 - 115
4-Bromophenyl phenyl ether	ND		1.32	0.953		mg/Kg		72	45 - 115
Hexachlorobenzene	ND		1.32	0.953		mg/Kg		72	48 - 115
Pentachlorophenol	ND		2.64	1.78		mg/Kg		67	7 - 132
Phenanthrene	ND		1.32	1.02		mg/Kg		77	38 - 115

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60515-1

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

(Continued)

Lab Sample ID: 720-60509-A-1-E MS

Matrix: Solid

Analysis Batch: 168956

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 168836

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier	Added	Result	Qualifier				
Anthracene	ND		1.32	1.05		mg/Kg		80	47 - 115
Di-n-butyl phthalate	ND		1.32	0.992		mg/Kg		75	46 - 115
Fluoranthene	ND		1.32	0.938		mg/Kg		71	40 - 115
Pyrene	ND		1.32	1.16		mg/Kg		88	35 - 115
Butyl benzyl phthalate	ND		1.32	1.16		mg/Kg		88	40 - 115
3,3'-Dichlorobenzidine	ND		1.32	0.846		mg/Kg		64	17 - 115
Benzo[a]anthracene	ND		1.32	1.03		mg/Kg		78	42 - 115
Bis(2-ethylhexyl) phthalate	ND		1.32	1.23		mg/Kg		93	42 - 115
Chrysene	ND		1.32	1.06		mg/Kg		80	37 - 115
Di-n-octyl phthalate	ND		1.32	1.16		mg/Kg		88	46 - 115
Benzo[b]fluoranthene	ND		1.32	0.969		mg/Kg		73	43 - 115
Benzo[a]pyrene	ND		1.32	1.00		mg/Kg		76	48 - 115
Benzo[k]fluoranthene	ND		1.32	1.00		mg/Kg		76	39 - 115
Indeno[1,2,3-cd]pyrene	ND		1.32	1.19		mg/Kg		90	50 - 115
Benzo[g,h,i]perylene	ND		1.32	1.23		mg/Kg		93	43 - 115
Benzoic acid	ND		1.32	ND		mg/Kg		10	0 - 115
Azobenzene	ND		1.32	1.03		mg/Kg		78	48 - 115
Dibenz(a,h)anthracene	ND		1.32	1.23		mg/Kg		93	49 - 115

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
Nitrobenzene-d5	73		21 - 98
2-Fluorobiphenyl	74		30 - 112
Terphenyl-d14	94		32 - 117
2-Fluorophenol	54		28 - 98
Phenol-d5	57		23 - 101
2,4,6-Tribromophenol	72		37 - 114

Lab Sample ID: 720-60509-A-1-F MSD

Matrix: Solid

Analysis Batch: 168956

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 168836

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
	Result	Qualifier	Added	Result	Qualifier						
Phenol	ND		1.33	0.726		mg/Kg		55	23 - 115	10	35
Bis(2-chloroethyl)ether	ND		1.33	0.864		mg/Kg		65	27 - 115	11	35
2-Chlorophenol	ND		1.33	0.747		mg/Kg		56	16 - 115	10	35
1,3-Dichlorobenzene	ND		1.33	0.713		mg/Kg		54	22 - 115	14	35
1,4-Dichlorobenzene	ND		1.33	0.767		mg/Kg		58	21 - 115	1	35
Benzyl alcohol	ND		1.33	0.857		mg/Kg		65	28 - 115	10	35
1,2-Dichlorobenzene	ND		1.33	0.783		mg/Kg		59	25 - 115	10	35
2-Methylphenol	ND		1.33	0.831		mg/Kg		63	32 - 115	18	35
Methylphenol, 3 & 4	ND		1.33	0.815		mg/Kg		61	28 - 115	10	35
N-Nitrosodi-n-propylamine	ND		1.33	0.830		mg/Kg		63	27 - 115	12	35
Hexachloroethane	ND		1.33	0.853		mg/Kg		64	19 - 115	7	35
Nitrobenzene	ND		1.33	0.866		mg/Kg		65	30 - 115	10	35
Isophorone	ND		1.33	0.877		mg/Kg		66	36 - 115	8	35
2-Nitrophenol	ND		1.33	0.859		mg/Kg		65	11 - 116	8	35
2,4-Dimethylphenol	ND		1.33	0.863		mg/Kg		65	36 - 115	9	35

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60515-1

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

(Continued)

Lab Sample ID: 720-60509-A-1-F MSD

Matrix: Solid

Analysis Batch: 168956

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 168836

Analyte	Sample	Sample Qualifier	Spike Added	MSD	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
	Result			Result							
Bis(2-chloroethoxy)methane	ND		1.33	0.844		mg/Kg		64	28 - 115	10	35
2,4-Dichlorophenol	ND		1.33	0.794		mg/Kg		60	17 - 115	11	35
1,2,4-Trichlorobenzene	ND		1.33	0.805		mg/Kg		61	29 - 115	10	35
Naphthalene	ND		1.33	0.832		mg/Kg		63	22 - 115	7	35
4-Chloroaniline	ND		1.33	0.760		mg/Kg		57	7 - 115	10	35
Hexachlorobutadiene	ND		1.33	0.772		mg/Kg		58	26 - 115	12	35
4-Chloro-3-methylphenol	ND		1.33	0.900		mg/Kg		68	42 - 115	1	35
2-Methylnaphthalene	ND		1.33	0.826		mg/Kg		62	28 - 115	9	35
Hexachlorocyclopentadiene	ND		1.33	0.753		mg/Kg		57	15 - 115	8	35
2,4,6-Trichlorophenol	ND		1.33	0.916		mg/Kg		69	25 - 115	3	35
2,4,5-Trichlorophenol	ND		1.33	0.929		mg/Kg		70	38 - 115	8	35
2-Chloronaphthalene	ND		1.33	0.888		mg/Kg		67	38 - 115	8	35
2-Nitroaniline	ND		1.33	1.02		mg/Kg		77	43 - 115	10	35
Dimethyl phthalate	ND		1.33	0.938		mg/Kg		71	55 - 116	11	35
Acenaphthylene	ND		1.33	0.878		mg/Kg		66	49 - 120	9	35
3-Nitroaniline	ND		1.33	0.858		mg/Kg		65	39 - 115	7	35
Acenaphthene	ND		1.33	0.895		mg/Kg		68	42 - 115	8	35
2,4-Dinitrophenol	ND		2.65	1.25		mg/Kg		47	13 - 122	5	35
4-Nitrophenol	ND		2.65	2.47		mg/Kg		93	25 - 147	8	35
Dibenzofuran	ND		1.33	0.905		mg/Kg		68	43 - 115	8	35
2,4-Dinitrotoluene	ND		1.33	0.996		mg/Kg		75	47 - 115	10	35
2,6-Dinitrotoluene	ND		1.33	0.925		mg/Kg		70	55 - 115	5	35
Diethyl phthalate	ND		1.33	0.971		mg/Kg		73	48 - 115	10	35
4-Chlorophenyl phenyl ether	ND		1.33	1.01		mg/Kg		76	44 - 115	10	35
Fluorene	ND		1.33	0.905		mg/Kg		68	41 - 115	9	35
4-Nitroaniline	ND		1.33	1.11		mg/Kg		84	47 - 120	11	35
2-Methyl-4,6-dinitrophenol	ND		2.65	1.80		mg/Kg		68	19 - 132	8	35
N-Nitrosodiphenylamine	ND		1.33	0.969		mg/Kg		73	43 - 115	6	35
4-Bromophenyl phenyl ether	ND		1.33	0.912		mg/Kg		69	45 - 115	4	35
Hexachlorobenzene	ND		1.33	0.871		mg/Kg		66	48 - 115	9	35
Pentachlorophenol	ND		2.65	1.67		mg/Kg		63	7 - 132	7	35
Phenanthrene	ND		1.33	0.944		mg/Kg		71	38 - 115	7	35
Anthracene	ND		1.33	0.958		mg/Kg		72	47 - 115	9	35
Di-n-butyl phthalate	ND		1.33	0.905		mg/Kg		68	46 - 115	9	35
Fluoranthene	ND		1.33	0.841		mg/Kg		63	40 - 115	11	35
Pyrene	ND		1.33	1.06		mg/Kg		80	35 - 115	9	35
Butyl benzyl phthalate	ND		1.33	0.989		mg/Kg		75	40 - 115	16	35
3,3'-Dichlorobenzidine	ND		1.33	0.723		mg/Kg		55	17 - 115	16	35
Benzo[a]anthracene	ND		1.33	0.914		mg/Kg		69	42 - 115	12	35
Bis(2-ethylhexyl) phthalate	ND		1.33	1.13		mg/Kg		85	42 - 115	9	35
Chrysene	ND		1.33	0.949		mg/Kg		72	37 - 115	11	35
Di-n-octyl phthalate	ND		1.33	1.05		mg/Kg		79	46 - 115	10	35
Benzo[b]fluoranthene	ND		1.33	0.819		mg/Kg		62	43 - 115	17	35
Benzo[a]pyrene	ND		1.33	0.902		mg/Kg		68	48 - 115	10	35
Benzo[k]fluoranthene	ND		1.33	1.04		mg/Kg		79	39 - 115	4	35
Indeno[1,2,3-cd]pyrene	ND		1.33	1.09		mg/Kg		82	50 - 115	9	35
Benzo[g,h,i]perylene	ND		1.33	1.14		mg/Kg		86	43 - 115	8	35

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60515-1

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) (Continued)

Lab Sample ID: 720-60509-A-1-F MSD
Matrix: Solid
Analysis Batch: 168956

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 168836

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	Limits	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier							
Benzoic acid	ND		1.33	ND		mg/Kg		11	0 - 115	8	35	
Azobenzene	ND		1.33	0.964		mg/Kg		73	48 - 115	7	35	
Dibenz(a,h)anthracene	ND		1.33	1.13		mg/Kg		85	49 - 115	9	35	
Surrogate	%Recovery	MSD	MSD	Qualifier	Limits							
Nitrobenzene-d5	69				21 - 98							
2-Fluorobiphenyl	67				30 - 112							
Terphenyl-d14	84				32 - 117							
2-Fluorophenol	50				28 - 98							
Phenol-d5	51				23 - 101							
2,4,6-Tribromophenol	66				37 - 114							

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 720-168788/1-A
Matrix: Solid
Analysis Batch: 168897

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 168788

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Antimony	ND		0.50		mg/Kg		10/14/14 13:12	10/15/14 03:01	1
Arsenic	ND		1.0		mg/Kg		10/14/14 13:12	10/15/14 03:01	1
Beryllium	ND		0.10		mg/Kg		10/14/14 13:12	10/15/14 03:01	1
Cadmium	ND		0.13		mg/Kg		10/14/14 13:12	10/15/14 03:01	1
Chromium	ND		0.50		mg/Kg		10/14/14 13:12	10/15/14 03:01	1
Copper	ND		1.5		mg/Kg		10/14/14 13:12	10/15/14 03:01	1
Lead	ND		0.50		mg/Kg		10/14/14 13:12	10/15/14 03:01	1
Nickel	ND		0.50		mg/Kg		10/14/14 13:12	10/15/14 03:01	1
Selenium	ND		1.0		mg/Kg		10/14/14 13:12	10/15/14 03:01	1
Zinc	ND		1.5		mg/Kg		10/14/14 13:12	10/15/14 03:01	1

Lab Sample ID: MB 720-168788/1-A
Matrix: Solid
Analysis Batch: 168930

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 168788

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Silver	ND		0.25		mg/Kg		10/14/14 13:12	10/15/14 18:01	1

Lab Sample ID: LCS 720-168788/2-A
Matrix: Solid
Analysis Batch: 168897

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 168788

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec.	Limits
Antimony	50.0	43.4		mg/Kg		87	80 - 120	
Arsenic	50.0	51.8		mg/Kg		104	80 - 120	
Beryllium	50.0	48.3		mg/Kg		97	80 - 120	
Cadmium	50.0	50.4		mg/Kg		101	80 - 120	
Chromium	50.0	51.7		mg/Kg		103	80 - 120	

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60515-1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCS 720-168788/2-A
Matrix: Solid
Analysis Batch: 168897

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 168788

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Copper	50.0	49.7		mg/Kg		99	80 - 120
Lead	50.0	49.8		mg/Kg		100	80 - 120
Nickel	50.0	49.1		mg/Kg		98	80 - 120
Selenium	50.0	46.6		mg/Kg		93	80 - 120
Zinc	50.0	48.8		mg/Kg		98	80 - 120

Lab Sample ID: LCS 720-168788/2-A
Matrix: Solid
Analysis Batch: 168930

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 168788

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Silver	25.0	24.2		mg/Kg		97	80 - 120

Lab Sample ID: LCSD 720-168788/3-A
Matrix: Solid
Analysis Batch: 168897

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 168788

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Antimony	50.0	44.6		mg/Kg		89	80 - 120	3	20
Arsenic	50.0	52.5		mg/Kg		105	80 - 120	1	20
Beryllium	50.0	48.9		mg/Kg		98	80 - 120	1	20
Cadmium	50.0	50.8		mg/Kg		102	80 - 120	1	20
Chromium	50.0	51.1		mg/Kg		102	80 - 120	1	20
Copper	50.0	49.8		mg/Kg		100	80 - 120	0	20
Lead	50.0	50.1		mg/Kg		100	80 - 120	1	20
Nickel	50.0	49.5		mg/Kg		99	80 - 120	1	20
Selenium	50.0	47.7		mg/Kg		95	80 - 120	2	20
Zinc	50.0	49.2		mg/Kg		98	80 - 120	1	20

Lab Sample ID: LCSD 720-168788/3-A
Matrix: Solid
Analysis Batch: 168930

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 168788

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Silver	25.0	24.3		mg/Kg		97	80 - 120	0	20

Lab Sample ID: LCSSRM 720-168788/25-A
Matrix: Solid
Analysis Batch: 168897

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 168788

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	74.6	41.8		mg/Kg		56	11 - 101
Arsenic	45.5	45.6		mg/Kg		100	69 - 119
Beryllium	155	141		mg/Kg		91	56 - 102
Cadmium	201	190		mg/Kg		94	67 - 118
Chromium	106	99.5		mg/Kg		94	67 - 121
Copper	130	123		mg/Kg		94	68 - 126
Lead	302	270		mg/Kg		89	62 - 113
Nickel	305	274		mg/Kg		90	65 - 117

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60515-1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCSSRM 720-168788/25-A
Matrix: Solid
Analysis Batch: 168897

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 168788

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Selenium	133	122		mg/Kg		92	63 - 126
Zinc	388	373		mg/Kg		96	62 - 110

Lab Sample ID: LCSSRM 720-168788/25-A
Matrix: Solid
Analysis Batch: 168930

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 168788

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Silver	33.5	30.9		mg/Kg		92	51 - 130

Lab Sample ID: 720-60515-1 MS
Matrix: Solid
Analysis Batch: 168897

Client Sample ID: PLSB-10-10
Prep Type: Total/NA
Prep Batch: 168788

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	ND		30.9	9.14	F1	mg/Kg		27	75 - 125
Arsenic	8.0		30.9	34.5		mg/Kg		86	75 - 125
Beryllium	0.57		30.9	28.0		mg/Kg		89	75 - 125
Cadmium	0.35		30.9	28.3		mg/Kg		91	75 - 125
Chromium	87		30.9	103	F1	mg/Kg		50	75 - 125
Copper	44		30.9	68.3		mg/Kg		77	75 - 125
Lead	14		30.9	45.5		mg/Kg		102	75 - 125
Nickel	100		30.9	118	F1	mg/Kg		45	75 - 125
Selenium	ND		30.9	25.2		mg/Kg		82	75 - 125
Zinc	70		30.9	88.0	F1	mg/Kg		58	75 - 125

Lab Sample ID: 720-60515-1 MS
Matrix: Solid
Analysis Batch: 168930

Client Sample ID: PLSB-10-10
Prep Type: Total/NA
Prep Batch: 168788

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Silver	ND		15.4	15.4		mg/Kg		100	75 - 125

Lab Sample ID: 720-60515-1 MSD
Matrix: Solid
Analysis Batch: 168897

Client Sample ID: PLSB-10-10
Prep Type: Total/NA
Prep Batch: 168788

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Antimony	ND		37.0	10.4	F1	mg/Kg		26	75 - 125	13	20
Arsenic	8.0		37.0	43.9	F2	mg/Kg		97	75 - 125	24	20
Beryllium	0.57		37.0	34.0		mg/Kg		90	75 - 125	19	20
Cadmium	0.35		37.0	33.9		mg/Kg		90	75 - 125	18	20
Chromium	87		37.0	105	F1	mg/Kg		48	75 - 125	2	20
Copper	44		37.0	69.1	F1	mg/Kg		66	75 - 125	1	20
Lead	14		37.0	40.7	F1	mg/Kg		72	75 - 125	11	20
Nickel	100		37.0	133		mg/Kg		78	75 - 125	12	20
Selenium	ND		37.0	30.3		mg/Kg		82	75 - 125	18	20
Zinc	70		37.0	98.6		mg/Kg		77	75 - 125	11	20

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60515-1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 720-60515-1 MSD

Matrix: Solid

Analysis Batch: 168930

Client Sample ID: PLSB-10-10

Prep Type: Total/NA

Prep Batch: 168788

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Silver	ND		18.5	19.0	F2	mg/Kg		103	75 - 125	21	20

Method: 7471A - Mercury (CVAA)

Lab Sample ID: MB 720-169019/1-A

Matrix: Solid

Analysis Batch: 169093

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 169019

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.010		mg/Kg		10/16/14 21:03	10/17/14 14:22	1

Lab Sample ID: LCS 720-169019/2-A

Matrix: Solid

Analysis Batch: 169093

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 169019

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.833	0.842		mg/Kg		101	80 - 120

Lab Sample ID: LCSD 720-169019/3-A

Matrix: Solid

Analysis Batch: 169093

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 169019

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.833	0.858		mg/Kg		103	80 - 120	2	20

Lab Sample ID: 720-60618-A-1-D MS

Matrix: Solid

Analysis Batch: 169093

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 169019

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.27		0.735	1.10		mg/Kg		112	75 - 125

Lab Sample ID: 720-60618-A-1-E MSD

Matrix: Solid

Analysis Batch: 169093

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 169019

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.27		0.758	1.04		mg/Kg		101	75 - 125	5	20

Method: SM 4500 CN E - Cyanide, Total

Lab Sample ID: MB 500-259347/1-A

Matrix: Solid

Analysis Batch: 259545

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 259347

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.50		mg/Kg		10/15/14 14:45	10/15/14 17:15	1

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60515-1

Method: SM 4500 CN E - Cyanide, Total (Continued)

Lab Sample ID: LCS 500-259347/2-A

Matrix: Solid

Analysis Batch: 259545

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 259347

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	5.00	4.67		mg/Kg		93	80 - 120

Lab Sample ID: 720-60515-6 MS

Matrix: Solid

Analysis Batch: 259545

Client Sample ID: PLSB-11-10

Prep Type: Total/NA

Prep Batch: 259347

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	ND		1.98	1.87		mg/Kg		95	75 - 125

Lab Sample ID: 720-60515-6 MSD

Matrix: Solid

Analysis Batch: 259545

Client Sample ID: PLSB-11-10

Prep Type: Total/NA

Prep Batch: 259347

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cyanide, Total	ND		1.96	1.79		mg/Kg		91	75 - 125	4	20

Lab Sample ID: MB 500-259674/1-A

Matrix: Solid

Analysis Batch: 259782

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 259674

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.50		mg/Kg		10/17/14 09:20	10/17/14 12:40	1

Lab Sample ID: LCS 500-259674/2-A

Matrix: Solid

Analysis Batch: 259782

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 259674

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	5.00	4.99		mg/Kg		100	80 - 120

Lab Sample ID: 720-60515-8 MS

Matrix: Solid

Analysis Batch: 259782

Client Sample ID: PLSB-12-4.5

Prep Type: Total/NA

Prep Batch: 259674

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	ND		1.98	2.14		mg/Kg		108	75 - 125

Lab Sample ID: 720-60515-8 MSD

Matrix: Solid

Analysis Batch: 259782

Client Sample ID: PLSB-12-4.5

Prep Type: Total/NA

Prep Batch: 259674

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cyanide, Total	ND		1.97	1.93		mg/Kg		98	75 - 125	10	20

TestAmerica Pleasanton

QC Association Summary

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60515-1

GC/MS VOA

Analysis Batch: 168670

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60515-7	PLSB-12-10	Total/NA	Solid	8260B	168693
LCS 720-168670/6	Lab Control Sample	Total/NA	Solid	8260B	
LCS D 720-168670/7	Lab Control Sample Dup	Total/NA	Solid	8260B	
MB 720-168670/5	Method Blank	Total/NA	Solid	8260B	

Prep Batch: 168693

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60515-7	PLSB-12-10	Total/NA	Solid	5035	

Analysis Batch: 168841

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60515-8	PLSB-12-4.5	Total/NA	Solid	8260B	168883
LCS 720-168841/10	Lab Control Sample	Total/NA	Solid	8260B	
LCS D 720-168841/11	Lab Control Sample Dup	Total/NA	Solid	8260B	
MB 720-168841/9	Method Blank	Total/NA	Solid	8260B	

Analysis Batch: 168842

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60515-1	PLSB-10-10	Total/NA	Solid	8260B	168884
720-60515-2	PLSB-10-15	Total/NA	Solid	8260B	168884
720-60515-3	PLSB-7-8	Total/NA	Solid	8260B	168884
720-60515-4	PLSB-7-12	Total/NA	Solid	8260B	168884
720-60515-5	PLSB-11-5.5	Total/NA	Solid	8260B	168884
720-60515-6	PLSB-11-10	Total/NA	Solid	8260B	168884
LCS 720-168842/5	Lab Control Sample	Total/NA	Solid	8260B	
LCS D 720-168842/6	Lab Control Sample Dup	Total/NA	Solid	8260B	
MB 720-168842/4	Method Blank	Total/NA	Solid	8260B	

Prep Batch: 168883

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60515-8	PLSB-12-4.5	Total/NA	Solid	5035	

Prep Batch: 168884

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60515-1	PLSB-10-10	Total/NA	Solid	5035	
720-60515-2	PLSB-10-15	Total/NA	Solid	5035	
720-60515-3	PLSB-7-8	Total/NA	Solid	5035	
720-60515-4	PLSB-7-12	Total/NA	Solid	5035	
720-60515-5	PLSB-11-5.5	Total/NA	Solid	5035	
720-60515-6	PLSB-11-10	Total/NA	Solid	5035	

GC/MS Semi VOA

Prep Batch: 168836

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60509-A-1-E MS	Matrix Spike	Total/NA	Solid	3546	
720-60509-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	
720-60515-1	PLSB-10-10	Total/NA	Solid	3546	
720-60515-2	PLSB-10-15	Total/NA	Solid	3546	
720-60515-3	PLSB-7-8	Total/NA	Solid	3546	

TestAmerica Pleasanton

QC Association Summary

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60515-1

GC/MS Semi VOA (Continued)

Prep Batch: 168836 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60515-4	PLSB-7-12	Total/NA	Solid	3546	
720-60515-5	PLSB-11-5.5	Total/NA	Solid	3546	
720-60515-6	PLSB-11-10	Total/NA	Solid	3546	
720-60515-7	PLSB-12-10	Total/NA	Solid	3546	
720-60515-8	PLSB-12-4.5	Total/NA	Solid	3546	
LCS 720-168836/2-A	Lab Control Sample	Total/NA	Solid	3546	
MB 720-168836/1-A	Method Blank	Total/NA	Solid	3546	

Analysis Batch: 168956

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60509-A-1-E MS	Matrix Spike	Total/NA	Solid	8270C	168836
720-60509-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8270C	168836
720-60515-1	PLSB-10-10	Total/NA	Solid	8270C	168836
720-60515-2	PLSB-10-15	Total/NA	Solid	8270C	168836
720-60515-3	PLSB-7-8	Total/NA	Solid	8270C	168836
720-60515-4	PLSB-7-12	Total/NA	Solid	8270C	168836
720-60515-5	PLSB-11-5.5	Total/NA	Solid	8270C	168836
720-60515-6	PLSB-11-10	Total/NA	Solid	8270C	168836
720-60515-7	PLSB-12-10	Total/NA	Solid	8270C	168836
720-60515-8	PLSB-12-4.5	Total/NA	Solid	8270C	168836
LCS 720-168836/2-A	Lab Control Sample	Total/NA	Solid	8270C	168836
MB 720-168836/1-A	Method Blank	Total/NA	Solid	8270C	168836

Metals

Prep Batch: 168788

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60515-1	PLSB-10-10	Total/NA	Solid	3050B	
720-60515-1 MS	PLSB-10-10	Total/NA	Solid	3050B	
720-60515-1 MSD	PLSB-10-10	Total/NA	Solid	3050B	
720-60515-2	PLSB-10-15	Total/NA	Solid	3050B	
720-60515-3	PLSB-7-8	Total/NA	Solid	3050B	
720-60515-4	PLSB-7-12	Total/NA	Solid	3050B	
720-60515-5	PLSB-11-5.5	Total/NA	Solid	3050B	
720-60515-6	PLSB-11-10	Total/NA	Solid	3050B	
720-60515-7	PLSB-12-10	Total/NA	Solid	3050B	
720-60515-8	PLSB-12-4.5	Total/NA	Solid	3050B	
LCS 720-168788/2-A	Lab Control Sample	Total/NA	Solid	3050B	
LCSD 720-168788/3-A	Lab Control Sample Dup	Total/NA	Solid	3050B	
LCSSRM 720-168788/25-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 720-168788/1-A	Method Blank	Total/NA	Solid	3050B	

Analysis Batch: 168897

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60515-1	PLSB-10-10	Total/NA	Solid	6010B	168788
720-60515-1 MS	PLSB-10-10	Total/NA	Solid	6010B	168788
720-60515-1 MSD	PLSB-10-10	Total/NA	Solid	6010B	168788
LCS 720-168788/2-A	Lab Control Sample	Total/NA	Solid	6010B	168788
LCSD 720-168788/3-A	Lab Control Sample Dup	Total/NA	Solid	6010B	168788
LCSSRM 720-168788/25-A	Lab Control Sample	Total/NA	Solid	6010B	168788

TestAmerica Pleasanton

QC Association Summary

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60515-1

Metals (Continued)

Analysis Batch: 168897 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-168788/1-A	Method Blank	Total/NA	Solid	6010B	168788

Analysis Batch: 168930

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60515-1	PLSB-10-10	Total/NA	Solid	6010B	168788
720-60515-1 MS	PLSB-10-10	Total/NA	Solid	6010B	168788
720-60515-1 MSD	PLSB-10-10	Total/NA	Solid	6010B	168788
720-60515-2	PLSB-10-15	Total/NA	Solid	6010B	168788
720-60515-3	PLSB-7-8	Total/NA	Solid	6010B	168788
720-60515-5	PLSB-11-5.5	Total/NA	Solid	6010B	168788
720-60515-6	PLSB-11-10	Total/NA	Solid	6010B	168788
720-60515-7	PLSB-12-10	Total/NA	Solid	6010B	168788
720-60515-8	PLSB-12-4.5	Total/NA	Solid	6010B	168788
LCS 720-168788/2-A	Lab Control Sample	Total/NA	Solid	6010B	168788
LCSD 720-168788/3-A	Lab Control Sample Dup	Total/NA	Solid	6010B	168788
LCSSRM 720-168788/25-A	Lab Control Sample	Total/NA	Solid	6010B	168788
MB 720-168788/1-A	Method Blank	Total/NA	Solid	6010B	168788

Prep Batch: 169019

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60515-1	PLSB-10-10	Total/NA	Solid	7471A	
720-60515-2	PLSB-10-15	Total/NA	Solid	7471A	
720-60515-3	PLSB-7-8	Total/NA	Solid	7471A	
720-60515-4	PLSB-7-12	Total/NA	Solid	7471A	
720-60515-5	PLSB-11-5.5	Total/NA	Solid	7471A	
720-60515-6	PLSB-11-10	Total/NA	Solid	7471A	
720-60515-7	PLSB-12-10	Total/NA	Solid	7471A	
720-60515-8	PLSB-12-4.5	Total/NA	Solid	7471A	
720-60618-A-1-D MS	Matrix Spike	Total/NA	Solid	7471A	
720-60618-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	7471A	
LCS 720-169019/2-A	Lab Control Sample	Total/NA	Solid	7471A	
LCSD 720-169019/3-A	Lab Control Sample Dup	Total/NA	Solid	7471A	
MB 720-169019/1-A	Method Blank	Total/NA	Solid	7471A	

Analysis Batch: 169047

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60515-4	PLSB-7-12	Total/NA	Solid	6010B	168788

Analysis Batch: 169093

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60515-1	PLSB-10-10	Total/NA	Solid	7471A	169019
720-60515-2	PLSB-10-15	Total/NA	Solid	7471A	169019
720-60515-3	PLSB-7-8	Total/NA	Solid	7471A	169019
720-60515-4	PLSB-7-12	Total/NA	Solid	7471A	169019
720-60515-5	PLSB-11-5.5	Total/NA	Solid	7471A	169019
720-60515-6	PLSB-11-10	Total/NA	Solid	7471A	169019
720-60515-7	PLSB-12-10	Total/NA	Solid	7471A	169019
720-60515-8	PLSB-12-4.5	Total/NA	Solid	7471A	169019
720-60618-A-1-D MS	Matrix Spike	Total/NA	Solid	7471A	169019
720-60618-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	7471A	169019
LCS 720-169019/2-A	Lab Control Sample	Total/NA	Solid	7471A	169019

TestAmerica Pleasanton

QC Association Summary

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60515-1

Metals (Continued)

Analysis Batch: 169093 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 720-169019/3-A	Lab Control Sample Dup	Total/NA	Solid	7471A	169019
MB 720-169019/1-A	Method Blank	Total/NA	Solid	7471A	169019

General Chemistry

Prep Batch: 259347

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60515-1	PLSB-10-10	Total/NA	Solid	Distill/CN	
720-60515-2	PLSB-10-15	Total/NA	Solid	Distill/CN	
720-60515-3	PLSB-7-8	Total/NA	Solid	Distill/CN	
720-60515-4	PLSB-7-12	Total/NA	Solid	Distill/CN	
720-60515-5	PLSB-11-5.5	Total/NA	Solid	Distill/CN	
720-60515-6	PLSB-11-10	Total/NA	Solid	Distill/CN	
720-60515-6 MS	PLSB-11-10	Total/NA	Solid	Distill/CN	
720-60515-6 MSD	PLSB-11-10	Total/NA	Solid	Distill/CN	
LCS 500-259347/2-A	Lab Control Sample	Total/NA	Solid	Distill/CN	
MB 500-259347/1-A	Method Blank	Total/NA	Solid	Distill/CN	

Analysis Batch: 259545

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60515-1	PLSB-10-10	Total/NA	Solid	SM 4500 CN E	259347
720-60515-2	PLSB-10-15	Total/NA	Solid	SM 4500 CN E	259347
720-60515-3	PLSB-7-8	Total/NA	Solid	SM 4500 CN E	259347
720-60515-4	PLSB-7-12	Total/NA	Solid	SM 4500 CN E	259347
720-60515-5	PLSB-11-5.5	Total/NA	Solid	SM 4500 CN E	259347
720-60515-6	PLSB-11-10	Total/NA	Solid	SM 4500 CN E	259347
720-60515-6 MS	PLSB-11-10	Total/NA	Solid	SM 4500 CN E	259347
720-60515-6 MSD	PLSB-11-10	Total/NA	Solid	SM 4500 CN E	259347
LCS 500-259347/2-A	Lab Control Sample	Total/NA	Solid	SM 4500 CN E	259347
MB 500-259347/1-A	Method Blank	Total/NA	Solid	SM 4500 CN E	259347

Prep Batch: 259674

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60515-7	PLSB-12-10	Total/NA	Solid	Distill/CN	
720-60515-8	PLSB-12-4.5	Total/NA	Solid	Distill/CN	
720-60515-8 MS	PLSB-12-4.5	Total/NA	Solid	Distill/CN	
720-60515-8 MSD	PLSB-12-4.5	Total/NA	Solid	Distill/CN	
LCS 500-259674/2-A	Lab Control Sample	Total/NA	Solid	Distill/CN	
MB 500-259674/1-A	Method Blank	Total/NA	Solid	Distill/CN	

Analysis Batch: 259782

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60515-7	PLSB-12-10	Total/NA	Solid	SM 4500 CN E	259674
720-60515-8	PLSB-12-4.5	Total/NA	Solid	SM 4500 CN E	259674
720-60515-8 MS	PLSB-12-4.5	Total/NA	Solid	SM 4500 CN E	259674
720-60515-8 MSD	PLSB-12-4.5	Total/NA	Solid	SM 4500 CN E	259674
LCS 500-259674/2-A	Lab Control Sample	Total/NA	Solid	SM 4500 CN E	259674
MB 500-259674/1-A	Method Blank	Total/NA	Solid	SM 4500 CN E	259674

TestAmerica Pleasanton

Lab Chronicle

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60515-1

Client Sample ID: PLSB-10-10

Lab Sample ID: 720-60515-1

Date Collected: 10/09/14 18:18

Matrix: Solid

Date Received: 10/10/14 18:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			168884	10/10/14 21:45	YYB	TAL PLS
Total/NA	Analysis	8260B		1	168842	10/15/14 16:06	PDR	TAL PLS
Total/NA	Prep	3546			168836	10/14/14 22:47	DFR	TAL PLS
Total/NA	Analysis	8270C		1	168956	10/16/14 23:04	MQL	TAL PLS
Total/NA	Prep	3050B			168788	10/14/14 13:12	ECT	TAL PLS
Total/NA	Analysis	6010B		4	168897	10/15/14 03:43	SLK	TAL PLS
Total/NA	Prep	3050B			168788	10/14/14 13:12	ECT	TAL PLS
Total/NA	Analysis	6010B		4	168930	10/15/14 18:34	SLK	TAL PLS
Total/NA	Prep	7471A			169019	10/16/14 21:03	JCR	TAL PLS
Total/NA	Analysis	7471A		1	169093	10/17/14 14:55	EFH	TAL PLS
Total/NA	Prep	Distill/CN			259347	10/15/14 14:45	EAT	TAL CHI
Total/NA	Analysis	SM 4500 CN E		1	259545	10/15/14 17:17 (Start) 10/15/14 17:17 (End)	EAT	TAL CHI

Client Sample ID: PLSB-10-15

Lab Sample ID: 720-60515-2

Date Collected: 10/09/14 18:33

Matrix: Solid

Date Received: 10/10/14 18:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			168884	10/10/14 21:45	YYB	TAL PLS
Total/NA	Analysis	8260B		1	168842	10/15/14 16:35	PDR	TAL PLS
Total/NA	Prep	3546			168836	10/14/14 22:47	DFR	TAL PLS
Total/NA	Analysis	8270C		1	168956	10/16/14 19:05	MQL	TAL PLS
Total/NA	Prep	3050B			168788	10/14/14 13:12	ECT	TAL PLS
Total/NA	Analysis	6010B		4	168930	10/15/14 18:39	SLK	TAL PLS
Total/NA	Prep	7471A			169019	10/16/14 21:03	JCR	TAL PLS
Total/NA	Analysis	7471A		1	169093	10/17/14 14:57	EFH	TAL PLS
Total/NA	Prep	Distill/CN			259347	10/15/14 14:45	EAT	TAL CHI
Total/NA	Analysis	SM 4500 CN E		1	259545	10/15/14 17:17 (Start) 10/15/14 17:17 (End)	EAT	TAL CHI

Client Sample ID: PLSB-7-8

Lab Sample ID: 720-60515-3

Date Collected: 10/10/14 11:22

Matrix: Solid

Date Received: 10/10/14 18:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			168884	10/10/14 21:45	YYB	TAL PLS
Total/NA	Analysis	8260B		1	168842	10/15/14 17:04	PDR	TAL PLS
Total/NA	Prep	3546			168836	10/14/14 22:47	DFR	TAL PLS
Total/NA	Analysis	8270C		1	168956	10/16/14 19:29	MQL	TAL PLS
Total/NA	Prep	3050B			168788	10/14/14 13:12	ECT	TAL PLS
Total/NA	Analysis	6010B		4	168930	10/15/14 18:43	SLK	TAL PLS

TestAmerica Pleasanton

Lab Chronicle

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60515-1

Client Sample ID: PLSB-7-8

Lab Sample ID: 720-60515-3

Date Collected: 10/10/14 11:22

Matrix: Solid

Date Received: 10/10/14 18:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			169019	10/16/14 21:03	JCR	TAL PLS
Total/NA	Analysis	7471A		1	169093	10/17/14 15:00	EFH	TAL PLS
Total/NA	Prep	Distill/CN			259347	10/15/14 14:45	EAT	TAL CHI
Total/NA	Analysis	SM 4500 CN E		1	259545	(Start) 10/15/14 17:18 (End) 10/15/14 17:18	EAT	TAL CHI

Client Sample ID: PLSB-7-12

Lab Sample ID: 720-60515-4

Date Collected: 10/10/14 11:32

Matrix: Solid

Date Received: 10/10/14 18:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			168884	10/10/14 21:45	YYB	TAL PLS
Total/NA	Analysis	8260B		1	168842	10/15/14 17:33	PDR	TAL PLS
Total/NA	Prep	3546			168836	10/14/14 22:47	DFR	TAL PLS
Total/NA	Analysis	8270C		1	168956	10/16/14 19:53	MQL	TAL PLS
Total/NA	Prep	3050B			168788	10/14/14 13:12	ECT	TAL PLS
Total/NA	Analysis	6010B		1	169047	10/16/14 23:03	SLK	TAL PLS
Total/NA	Prep	7471A			169019	10/16/14 21:03	JCR	TAL PLS
Total/NA	Analysis	7471A		1	169093	10/17/14 15:02	EFH	TAL PLS
Total/NA	Prep	Distill/CN			259347	10/15/14 14:45	EAT	TAL CHI
Total/NA	Analysis	SM 4500 CN E		1	259545	(Start) 10/15/14 17:18 (End) 10/15/14 17:19	EAT	TAL CHI

Client Sample ID: PLSB-11-5.5

Lab Sample ID: 720-60515-5

Date Collected: 10/10/14 13:52

Matrix: Solid

Date Received: 10/10/14 18:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			168884	10/10/14 21:45	YYB	TAL PLS
Total/NA	Analysis	8260B		1	168842	10/15/14 18:02	PDR	TAL PLS
Total/NA	Prep	3546			168836	10/14/14 22:47	DFR	TAL PLS
Total/NA	Analysis	8270C		1	168956	10/16/14 20:17	MQL	TAL PLS
Total/NA	Prep	3050B			168788	10/14/14 13:12	ECT	TAL PLS
Total/NA	Analysis	6010B		4	168930	10/15/14 19:02	SLK	TAL PLS
Total/NA	Prep	7471A			169019	10/16/14 21:03	JCR	TAL PLS
Total/NA	Analysis	7471A		1	169093	10/17/14 15:05	EFH	TAL PLS
Total/NA	Prep	Distill/CN			259347	10/15/14 14:45	EAT	TAL CHI
Total/NA	Analysis	SM 4500 CN E		1	259545	(Start) 10/15/14 17:19 (End) 10/15/14 17:19	EAT	TAL CHI

TestAmerica Pleasanton

Lab Chronicle

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60515-1

Client Sample ID: PLSB-11-10

Lab Sample ID: 720-60515-6

Date Collected: 10/10/14 13:58

Matrix: Solid

Date Received: 10/10/14 18:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			168884	10/10/14 21:45	YYB	TAL PLS
Total/NA	Analysis	8260B		1	168842	10/15/14 18:31	PDR	TAL PLS
Total/NA	Prep	3546			168836	10/14/14 22:47	DFR	TAL PLS
Total/NA	Analysis	8270C		1	168956	10/16/14 20:41	MQL	TAL PLS
Total/NA	Prep	3050B			168788	10/14/14 13:12	ECT	TAL PLS
Total/NA	Analysis	6010B		4	168930	10/15/14 19:07	SLK	TAL PLS
Total/NA	Prep	7471A			169019	10/16/14 21:03	JCR	TAL PLS
Total/NA	Analysis	7471A		1	169093	10/17/14 15:08	EFH	TAL PLS
Total/NA	Prep	Distill/CN			259347	10/15/14 14:45	EAT	TAL CHI
Total/NA	Analysis	SM 4500 CN E		1	259545		EAT	TAL CHI
					(Start)	10/15/14 17:19		
					(End)	10/15/14 17:20		

Client Sample ID: PLSB-12-10

Lab Sample ID: 720-60515-7

Date Collected: 10/10/14 15:13

Matrix: Solid

Date Received: 10/10/14 18:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			168693	10/10/14 21:45	YYB	TAL PLS
Total/NA	Analysis	8260B		1	168670	10/13/14 17:38	LPL	TAL PLS
Total/NA	Prep	3546			168836	10/14/14 22:47	DFR	TAL PLS
Total/NA	Analysis	8270C		1	168956	10/16/14 21:05	MQL	TAL PLS
Total/NA	Prep	3050B			168788	10/14/14 13:12	ECT	TAL PLS
Total/NA	Analysis	6010B		4	168930	10/15/14 19:12	SLK	TAL PLS
Total/NA	Prep	7471A			169019	10/16/14 21:03	JCR	TAL PLS
Total/NA	Analysis	7471A		1	169093	10/17/14 15:11	EFH	TAL PLS
Total/NA	Prep	Distill/CN			259674	10/17/14 09:20	EAT	TAL CHI
Total/NA	Analysis	SM 4500 CN E		1	259782		EAT	TAL CHI
					(Start)	10/17/14 12:41		
					(End)	10/17/14 12:42		

Client Sample ID: PLSB-12-4.5

Lab Sample ID: 720-60515-8

Date Collected: 10/10/14 15:17

Matrix: Solid

Date Received: 10/10/14 18:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			168883	10/10/14 21:45	YYB	TAL PLS
Total/NA	Analysis	8260B		1	168841	10/15/14 19:28	PDR	TAL PLS
Total/NA	Prep	3546			168836	10/14/14 22:47	DFR	TAL PLS
Total/NA	Analysis	8270C		1	168956	10/16/14 21:29	MQL	TAL PLS
Total/NA	Prep	3050B			168788	10/14/14 13:12	ECT	TAL PLS
Total/NA	Analysis	6010B		4	168930	10/15/14 19:16	SLK	TAL PLS
Total/NA	Prep	7471A			169019	10/16/14 21:03	JCR	TAL PLS
Total/NA	Analysis	7471A		10	169093	10/17/14 15:47	EFH	TAL PLS

TestAmerica Pleasanton

Lab Chronicle

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60515-1

Client Sample ID: PLSB-12-4.5

Lab Sample ID: 720-60515-8

Date Collected: 10/10/14 15:17

Matrix: Solid

Date Received: 10/10/14 18:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	Distill/CN			259674	10/17/14 09:20	EAT	TAL CHI
Total/NA	Analysis	SM 4500 CN E		1	259782	(Start) 10/17/14 12:42 (End) 10/17/14 12:42	EAT	TAL CHI

Laboratory References:

TAL CHI = TestAmerica Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919



Certification Summary

Client: URS Corporation
 Project/Site: Philips San Jose

TestAmerica Job ID: 720-60515-1

Laboratory: TestAmerica Pleasanton

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

Authority	Program	EPA Region	Certification ID	Expiration Date
California	State Program	9	2496	01-31-16

Analysis Method	Prep Method	Matrix	Analyte

Laboratory: TestAmerica Chicago

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Alabama	State Program	4	40461	04-30-15
California	State Program	9	2903	04-30-15
Georgia	State Program	4	N/A	04-30-15
Georgia	State Program	4	939	04-30-15
Hawaii	State Program	9	N/A	04-30-15
Illinois	NELAP	5	100201	04-30-15
Indiana	State Program	5	C-IL-02	04-30-15
Iowa	State Program	7	82	05-01-16
Kansas	NELAP	7	E-10161	10-31-14 *
Kentucky (UST)	State Program	4	66	04-30-15
Kentucky (WW)	State Program	4	KY90023	12-31-14 *
Massachusetts	State Program	1	M-IL035	06-30-15
Mississippi	State Program	4	N/A	04-30-15
New York	NELAP	2	IL00035	03-31-15
North Carolina (WW/SW)	State Program	4	291	12-31-14 *
North Dakota	State Program	8	R-194	04-30-15
Oklahoma	State Program	6	8908	08-31-15
South Carolina	State Program	4	77001	04-30-15
USDA	Federal		P330-12-00038	02-06-15
Wisconsin	State Program	5	999580010	08-31-15 *
Wyoming	State Program	8	8TMS-Q	04-30-15

* Certification renewal pending - certification considered valid.

Method Summary

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60515-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL PLS
8270C	Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	SW846	TAL PLS
6010B	Metals (ICP)	SW846	TAL PLS
7471A	Mercury (CVAA)	SW846	TAL PLS
SM 4500 CN E	Cyanide, Total	SM	TAL CHI

Protocol References:

SM = "Standard Methods For The Examination Of Water And Wastewater",

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

Laboratory References:

TAL CHI = TestAmerica Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919



Sample Summary

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60515-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-60515-1	PLSB-10-10	Solid	10/09/14 18:18	10/10/14 18:45
720-60515-2	PLSB-10-15	Solid	10/09/14 18:33	10/10/14 18:45
720-60515-3	PLSB-7-8	Solid	10/10/14 11:22	10/10/14 18:45
720-60515-4	PLSB-7-12	Solid	10/10/14 11:32	10/10/14 18:45
720-60515-5	PLSB-11-5.5	Solid	10/10/14 13:52	10/10/14 18:45
720-60515-6	PLSB-11-10	Solid	10/10/14 13:58	10/10/14 18:45
720-60515-7	PLSB-12-10	Solid	10/10/14 15:13	10/10/14 18:45
720-60515-8	PLSB-12-4.5	Solid	10/10/14 15:17	10/10/14 18:45



Login Sample Receipt Checklist

Client: URS Corporation

Job Number: 720-60515-1

Login Number: 60515

List Source: TestAmerica Pleasanton

List Number: 1

Creator: Bullock, Tracy

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
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 containers received 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.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



Login Sample Receipt Checklist

Client: URS Corporation

Job Number: 720-60515-1

Login Number: 60515

List Number: 2

Creator: Kelsey, Shawn M

List Source: TestAmerica Chicago

List Creation: 10/14/14 11:54 AM

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are 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 containers received 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	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	



TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Pleasanton
1220 Quarry Lane
Pleasanton, CA 94566
Tel: (925)484-1919

TestAmerica Job ID: 720-60472-1
Client Project/Site: Philips San Jose

For:
URS Corporation
One Montgomery Street
Suite 900
San Francisco, California 94104-4538

Attn: Mr. Erik Skov



Authorized for release by:
10/20/2014 4:48:32 PM

Afsaneh Salimpour, Senior Project Manager
(925)484-1919
afsaneh.salimpour@testamericainc.com

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

- 1
- 2
- 3
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Definitions/Glossary

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60472-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	ISTD response or retention time outside acceptable limits

GC/MS Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD Recovery exceeds the control limits
D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.
X	Surrogate is outside control limits
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
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)

Case Narrative

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60472-1

Job ID: 720-60472-1

Laboratory: TestAmerica Pleasanton

Narrative

Job Narrative
720-60472-1

Comments

No additional comments.

Receipt

The samples were received on 10/9/2014 5:45 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 1.4° C and 3.9° C.

GC/MS VOA

Method(s) 8260B: Sample was reanalyzed and the ND results were confirmed.

PLSB-9-19 (720-60472-2)

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

GC/MS Semi VOA

Method(s) 8270C: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for batch 168633 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

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

Metals

Method(s) 6010B: The matrix spike (MS) recoveries for prep batch 168661 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method(s) 6010B: The following sample(s) was diluted due to the abundance of non-target analyte Fe: PLSB-9-19 (720-60472-2).

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.

General Chemistry

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

Organic Prep

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

Detection Summary

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60472-1

Client Sample ID: PLSB-9-10

Lab Sample ID: 720-60472-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	2.4		0.79		mg/Kg	1		6010B	Total/NA
Beryllium	0.27		0.079		mg/Kg	1		6010B	Total/NA
Cadmium	0.13		0.099		mg/Kg	1		6010B	Total/NA
Chromium	26		0.40		mg/Kg	1		6010B	Total/NA
Copper	16		1.2		mg/Kg	1		6010B	Total/NA
Lead	3.9		0.40		mg/Kg	1		6010B	Total/NA
Nickel	32		0.40		mg/Kg	1		6010B	Total/NA
Zinc	33		1.2		mg/Kg	1		6010B	Total/NA
Mercury	0.10		0.0090		mg/Kg	1		7471A	Total/NA

Client Sample ID: PLSB-9-19

Lab Sample ID: 720-60472-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	7.3		3.5		mg/Kg	4		6010B	Total/NA
Beryllium	0.63		0.35		mg/Kg	4		6010B	Total/NA
Chromium	64		1.8		mg/Kg	4		6010B	Total/NA
Copper	42		5.3		mg/Kg	4		6010B	Total/NA
Lead	8.2		1.8		mg/Kg	4		6010B	Total/NA
Nickel	77		1.8		mg/Kg	4		6010B	Total/NA
Zinc	85		5.3		mg/Kg	4		6010B	Total/NA
Mercury	0.17		0.0090		mg/Kg	1		7471A	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60472-1

Client Sample ID: PLSB-9-10

Lab Sample ID: 720-60472-1

Date Collected: 10/08/14 15:52

Matrix: Solid

Date Received: 10/09/14 17:45

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		3.4		ug/Kg		10/09/14 21:52	10/10/14 11:54	1
Acetone	ND		34		ug/Kg		10/09/14 21:52	10/10/14 11:54	1
Benzene	ND		3.4		ug/Kg		10/09/14 21:52	10/10/14 11:54	1
Dichlorobromomethane	ND		3.4		ug/Kg		10/09/14 21:52	10/10/14 11:54	1
Bromobenzene	ND		3.4		ug/Kg		10/09/14 21:52	10/10/14 11:54	1
Chlorobromomethane	ND		14		ug/Kg		10/09/14 21:52	10/10/14 11:54	1
Bromoform	ND		3.4		ug/Kg		10/09/14 21:52	10/10/14 11:54	1
Bromomethane	ND		6.9		ug/Kg		10/09/14 21:52	10/10/14 11:54	1
2-Butanone (MEK)	ND		34		ug/Kg		10/09/14 21:52	10/10/14 11:54	1
n-Butylbenzene	ND		3.4		ug/Kg		10/09/14 21:52	10/10/14 11:54	1
sec-Butylbenzene	ND		3.4		ug/Kg		10/09/14 21:52	10/10/14 11:54	1
tert-Butylbenzene	ND		3.4		ug/Kg		10/09/14 21:52	10/10/14 11:54	1
Carbon disulfide	ND		3.4		ug/Kg		10/09/14 21:52	10/10/14 11:54	1
Carbon tetrachloride	ND		3.4		ug/Kg		10/09/14 21:52	10/10/14 11:54	1
Chlorobenzene	ND		3.4		ug/Kg		10/09/14 21:52	10/10/14 11:54	1
Chloroethane	ND		6.9		ug/Kg		10/09/14 21:52	10/10/14 11:54	1
Chloroform	ND		3.4		ug/Kg		10/09/14 21:52	10/10/14 11:54	1
Chloromethane	ND		6.9		ug/Kg		10/09/14 21:52	10/10/14 11:54	1
2-Chlorotoluene	ND		3.4		ug/Kg		10/09/14 21:52	10/10/14 11:54	1
4-Chlorotoluene	ND		3.4		ug/Kg		10/09/14 21:52	10/10/14 11:54	1
Chlorodibromomethane	ND		3.4		ug/Kg		10/09/14 21:52	10/10/14 11:54	1
1,2-Dichlorobenzene	ND		3.4		ug/Kg		10/09/14 21:52	10/10/14 11:54	1
1,3-Dichlorobenzene	ND		3.4		ug/Kg		10/09/14 21:52	10/10/14 11:54	1
1,4-Dichlorobenzene	ND		3.4		ug/Kg		10/09/14 21:52	10/10/14 11:54	1
1,3-Dichloropropane	ND		3.4		ug/Kg		10/09/14 21:52	10/10/14 11:54	1
1,1-Dichloropropene	ND		3.4		ug/Kg		10/09/14 21:52	10/10/14 11:54	1
1,2-Dibromo-3-Chloropropane	ND		6.9		ug/Kg		10/09/14 21:52	10/10/14 11:54	1
Ethylene Dibromide	ND		3.4		ug/Kg		10/09/14 21:52	10/10/14 11:54	1
Dibromomethane	ND		6.9		ug/Kg		10/09/14 21:52	10/10/14 11:54	1
Dichlorodifluoromethane	ND		6.9		ug/Kg		10/09/14 21:52	10/10/14 11:54	1
1,1-Dichloroethane	ND		3.4		ug/Kg		10/09/14 21:52	10/10/14 11:54	1
1,2-Dichloroethane	ND		3.4		ug/Kg		10/09/14 21:52	10/10/14 11:54	1
1,1-Dichloroethene	ND		3.4		ug/Kg		10/09/14 21:52	10/10/14 11:54	1
cis-1,2-Dichloroethene	ND		3.4		ug/Kg		10/09/14 21:52	10/10/14 11:54	1
trans-1,2-Dichloroethene	ND		3.4		ug/Kg		10/09/14 21:52	10/10/14 11:54	1
1,2-Dichloropropane	ND		3.4		ug/Kg		10/09/14 21:52	10/10/14 11:54	1
cis-1,3-Dichloropropene	ND		3.4		ug/Kg		10/09/14 21:52	10/10/14 11:54	1
trans-1,3-Dichloropropene	ND		3.4		ug/Kg		10/09/14 21:52	10/10/14 11:54	1
Ethylbenzene	ND		3.4		ug/Kg		10/09/14 21:52	10/10/14 11:54	1
Hexachlorobutadiene	ND		3.4		ug/Kg		10/09/14 21:52	10/10/14 11:54	1
2-Hexanone	ND		34		ug/Kg		10/09/14 21:52	10/10/14 11:54	1
Isopropylbenzene	ND		3.4		ug/Kg		10/09/14 21:52	10/10/14 11:54	1
4-Isopropyltoluene	ND		3.4		ug/Kg		10/09/14 21:52	10/10/14 11:54	1
Methylene Chloride	ND		6.9		ug/Kg		10/09/14 21:52	10/10/14 11:54	1
4-Methyl-2-pentanone (MIBK)	ND		34		ug/Kg		10/09/14 21:52	10/10/14 11:54	1
Naphthalene	ND		6.9		ug/Kg		10/09/14 21:52	10/10/14 11:54	1
N-Propylbenzene	ND		3.4		ug/Kg		10/09/14 21:52	10/10/14 11:54	1
Styrene	ND		3.4		ug/Kg		10/09/14 21:52	10/10/14 11:54	1
1,1,1,2-Tetrachloroethane	ND		3.4		ug/Kg		10/09/14 21:52	10/10/14 11:54	1

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60472-1

Client Sample ID: PLSB-9-10

Lab Sample ID: 720-60472-1

Date Collected: 10/08/14 15:52

Matrix: Solid

Date Received: 10/09/14 17:45

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		3.4		ug/Kg		10/09/14 21:52	10/10/14 11:54	1
Tetrachloroethene	ND		3.4		ug/Kg		10/09/14 21:52	10/10/14 11:54	1
Toluene	ND		3.4		ug/Kg		10/09/14 21:52	10/10/14 11:54	1
1,2,3-Trichlorobenzene	ND		3.4		ug/Kg		10/09/14 21:52	10/10/14 11:54	1
1,2,4-Trichlorobenzene	ND		3.4		ug/Kg		10/09/14 21:52	10/10/14 11:54	1
1,1,1-Trichloroethane	ND		3.4		ug/Kg		10/09/14 21:52	10/10/14 11:54	1
1,1,2-Trichloroethane	ND		3.4		ug/Kg		10/09/14 21:52	10/10/14 11:54	1
Trichloroethene	ND		3.4		ug/Kg		10/09/14 21:52	10/10/14 11:54	1
Trichlorofluoromethane	ND		3.4		ug/Kg		10/09/14 21:52	10/10/14 11:54	1
1,2,3-Trichloropropane	ND		3.4		ug/Kg		10/09/14 21:52	10/10/14 11:54	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		3.4		ug/Kg		10/09/14 21:52	10/10/14 11:54	1
1,2,4-Trimethylbenzene	ND		3.4		ug/Kg		10/09/14 21:52	10/10/14 11:54	1
1,3,5-Trimethylbenzene	ND		3.4		ug/Kg		10/09/14 21:52	10/10/14 11:54	1
Vinyl acetate	ND		14		ug/Kg		10/09/14 21:52	10/10/14 11:54	1
Vinyl chloride	ND		3.4		ug/Kg		10/09/14 21:52	10/10/14 11:54	1
Xylenes, Total	ND		6.9		ug/Kg		10/09/14 21:52	10/10/14 11:54	1
2,2-Dichloropropane	ND		3.4		ug/Kg		10/09/14 21:52	10/10/14 11:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	98		45 - 131	10/09/14 21:52	10/10/14 11:54	1
1,2-Dichloroethane-d4 (Surr)	96		60 - 140	10/09/14 21:52	10/10/14 11:54	1
Toluene-d8 (Surr)	94		58 - 140	10/09/14 21:52	10/10/14 11:54	1

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		0.066		mg/Kg		10/10/14 16:44	10/16/14 02:44	1
Bis(2-chloroethyl)ether	ND		0.066		mg/Kg		10/10/14 16:44	10/16/14 02:44	1
2-Chlorophenol	ND		0.066		mg/Kg		10/10/14 16:44	10/16/14 02:44	1
1,3-Dichlorobenzene	ND		0.066		mg/Kg		10/10/14 16:44	10/16/14 02:44	1
1,4-Dichlorobenzene	ND		0.066		mg/Kg		10/10/14 16:44	10/16/14 02:44	1
Benzyl alcohol	ND		0.17		mg/Kg		10/10/14 16:44	10/16/14 02:44	1
1,2-Dichlorobenzene	ND		0.066		mg/Kg		10/10/14 16:44	10/16/14 02:44	1
2-Methylphenol	ND		0.066		mg/Kg		10/10/14 16:44	10/16/14 02:44	1
Methylphenol, 3 & 4	ND		0.066		mg/Kg		10/10/14 16:44	10/16/14 02:44	1
N-Nitrosodi-n-propylamine	ND		0.066		mg/Kg		10/10/14 16:44	10/16/14 02:44	1
Hexachloroethane	ND		0.066		mg/Kg		10/10/14 16:44	10/16/14 02:44	1
Nitrobenzene	ND		0.066		mg/Kg		10/10/14 16:44	10/16/14 02:44	1
Isophorone	ND		0.066		mg/Kg		10/10/14 16:44	10/16/14 02:44	1
2-Nitrophenol	ND		0.066		mg/Kg		10/10/14 16:44	10/16/14 02:44	1
2,4-Dimethylphenol	ND		0.066		mg/Kg		10/10/14 16:44	10/16/14 02:44	1
Bis(2-chloroethoxy)methane	ND		0.17		mg/Kg		10/10/14 16:44	10/16/14 02:44	1
2,4-Dichlorophenol	ND		0.33		mg/Kg		10/10/14 16:44	10/16/14 02:44	1
1,2,4-Trichlorobenzene	ND		0.066		mg/Kg		10/10/14 16:44	10/16/14 02:44	1
Naphthalene	ND		0.066		mg/Kg		10/10/14 16:44	10/16/14 02:44	1
4-Chloroaniline	ND		0.17		mg/Kg		10/10/14 16:44	10/16/14 02:44	1
Hexachlorobutadiene	ND		0.066		mg/Kg		10/10/14 16:44	10/16/14 02:44	1
4-Chloro-3-methylphenol	ND		0.17		mg/Kg		10/10/14 16:44	10/16/14 02:44	1
2-Methylnaphthalene	ND		0.066		mg/Kg		10/10/14 16:44	10/16/14 02:44	1
Hexachlorocyclopentadiene	ND		0.17		mg/Kg		10/10/14 16:44	10/16/14 02:44	1
2,4,6-Trichlorophenol	ND		0.17		mg/Kg		10/10/14 16:44	10/16/14 02:44	1

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
 Project/Site: Philips San Jose

TestAmerica Job ID: 720-60472-1

Client Sample ID: PLSB-9-10

Lab Sample ID: 720-60472-1

Date Collected: 10/08/14 15:52

Matrix: Solid

Date Received: 10/09/14 17:45

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		0.066		mg/Kg		10/10/14 16:44	10/16/14 02:44	1
2-Chloronaphthalene	ND		0.066		mg/Kg		10/10/14 16:44	10/16/14 02:44	1
2-Nitroaniline	ND		0.33		mg/Kg		10/10/14 16:44	10/16/14 02:44	1
Dimethyl phthalate	ND		0.17		mg/Kg		10/10/14 16:44	10/16/14 02:44	1
Acenaphthylene	ND		0.066		mg/Kg		10/10/14 16:44	10/16/14 02:44	1
3-Nitroaniline	ND		0.17		mg/Kg		10/10/14 16:44	10/16/14 02:44	1
Acenaphthene	ND		0.066		mg/Kg		10/10/14 16:44	10/16/14 02:44	1
2,4-Dinitrophenol	ND		0.65		mg/Kg		10/10/14 16:44	10/16/14 02:44	1
4-Nitrophenol	ND		0.33		mg/Kg		10/10/14 16:44	10/16/14 02:44	1
Dibenzofuran	ND		0.066		mg/Kg		10/10/14 16:44	10/16/14 02:44	1
2,4-Dinitrotoluene	ND		0.066		mg/Kg		10/10/14 16:44	10/16/14 02:44	1
2,6-Dinitrotoluene	ND		0.066		mg/Kg		10/10/14 16:44	10/16/14 02:44	1
Diethyl phthalate	ND		0.17		mg/Kg		10/10/14 16:44	10/16/14 02:44	1
4-Chlorophenyl phenyl ether	ND		0.17		mg/Kg		10/10/14 16:44	10/16/14 02:44	1
Fluorene	ND		0.066		mg/Kg		10/10/14 16:44	10/16/14 02:44	1
4-Nitroaniline	ND		0.33		mg/Kg		10/10/14 16:44	10/16/14 02:44	1
2-Methyl-4,6-dinitrophenol	ND		0.33		mg/Kg		10/10/14 16:44	10/16/14 02:44	1
N-Nitrosodiphenylamine	ND		0.066		mg/Kg		10/10/14 16:44	10/16/14 02:44	1
4-Bromophenyl phenyl ether	ND		0.17		mg/Kg		10/10/14 16:44	10/16/14 02:44	1
Hexachlorobenzene	ND		0.066		mg/Kg		10/10/14 16:44	10/16/14 02:44	1
Pentachlorophenol	ND		0.33		mg/Kg		10/10/14 16:44	10/16/14 02:44	1
Phenanthrene	ND		0.066		mg/Kg		10/10/14 16:44	10/16/14 02:44	1
Anthracene	ND		0.066		mg/Kg		10/10/14 16:44	10/16/14 02:44	1
Di-n-butyl phthalate	ND		0.17		mg/Kg		10/10/14 16:44	10/16/14 02:44	1
Fluoranthene	ND		0.066		mg/Kg		10/10/14 16:44	10/16/14 02:44	1
Pyrene	ND		0.066		mg/Kg		10/10/14 16:44	10/16/14 02:44	1
Butyl benzyl phthalate	ND		0.17		mg/Kg		10/10/14 16:44	10/16/14 02:44	1
3,3'-Dichlorobenzidine	ND		0.17		mg/Kg		10/10/14 16:44	10/16/14 02:44	1
Benzo[a]anthracene	ND		0.33		mg/Kg		10/10/14 16:44	10/16/14 02:44	1
Bis(2-ethylhexyl) phthalate	ND		0.33		mg/Kg		10/10/14 16:44	10/16/14 02:44	1
Chrysene	ND		0.066		mg/Kg		10/10/14 16:44	10/16/14 02:44	1
Di-n-octyl phthalate	ND		0.17		mg/Kg		10/10/14 16:44	10/16/14 02:44	1
Benzo[b]fluoranthene	ND		0.066		mg/Kg		10/10/14 16:44	10/16/14 02:44	1
Benzo[a]pyrene	ND		0.066		mg/Kg		10/10/14 16:44	10/16/14 02:44	1
Benzo[k]fluoranthene	ND		0.066		mg/Kg		10/10/14 16:44	10/16/14 02:44	1
Indeno[1,2,3-cd]pyrene	ND		0.066		mg/Kg		10/10/14 16:44	10/16/14 02:44	1
Benzo[g,h,i]perylene	ND		0.066		mg/Kg		10/10/14 16:44	10/16/14 02:44	1
Benzoic acid	ND		0.33		mg/Kg		10/10/14 16:44	10/16/14 02:44	1
Azobenzene	ND		0.066		mg/Kg		10/10/14 16:44	10/16/14 02:44	1
Dibenz(a,h)anthracene	ND		0.066		mg/Kg		10/10/14 16:44	10/16/14 02:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	62		21 - 98				10/10/14 16:44	10/16/14 02:44	1
2-Fluorobiphenyl	60		30 - 112				10/10/14 16:44	10/16/14 02:44	1
Terphenyl-d14	72		32 - 117				10/10/14 16:44	10/16/14 02:44	1
2-Fluorophenol	39		28 - 98				10/10/14 16:44	10/16/14 02:44	1
Phenol-d5	40		23 - 101				10/10/14 16:44	10/16/14 02:44	1
2,4,6-Tribromophenol	41		37 - 114				10/10/14 16:44	10/16/14 02:44	1

Client Sample Results

Client: URS Corporation
 Project/Site: Philips San Jose

TestAmerica Job ID: 720-60472-1

Client Sample ID: PLSB-9-10

Lab Sample ID: 720-60472-1

Date Collected: 10/08/14 15:52

Matrix: Solid

Date Received: 10/09/14 17:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.40		mg/Kg		10/11/14 15:13	10/15/14 13:47	1
Arsenic	2.4		0.79		mg/Kg		10/11/14 15:13	10/15/14 13:47	1
Beryllium	0.27		0.079		mg/Kg		10/11/14 15:13	10/15/14 13:47	1
Cadmium	0.13		0.099		mg/Kg		10/11/14 15:13	10/15/14 13:47	1
Chromium	26		0.40		mg/Kg		10/11/14 15:13	10/15/14 13:47	1
Copper	16		1.2		mg/Kg		10/11/14 15:13	10/15/14 13:47	1
Lead	3.9		0.40		mg/Kg		10/11/14 15:13	10/15/14 13:47	1
Nickel	32		0.40		mg/Kg		10/11/14 15:13	10/15/14 13:47	1
Selenium	ND		0.79		mg/Kg		10/11/14 15:13	10/15/14 13:47	1
Silver	ND		0.20		mg/Kg		10/11/14 15:13	10/15/14 13:47	1
Zinc	33		1.2		mg/Kg		10/11/14 15:13	10/15/14 13:47	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.10		0.0090		mg/Kg		10/14/14 21:04	10/15/14 14:04	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.43		mg/Kg		10/15/14 14:45	10/15/14 17:16	1

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60472-1

Client Sample ID: PLSB-9-19

Lab Sample ID: 720-60472-2

Date Collected: 10/08/14 15:41

Matrix: Solid

Date Received: 10/09/14 17:45

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		4.0		ug/Kg		10/09/14 21:52	10/10/14 12:23	1
Acetone	ND		40		ug/Kg		10/09/14 21:52	10/10/14 12:23	1
Benzene	ND		4.0		ug/Kg		10/09/14 21:52	10/10/14 12:23	1
Dichlorobromomethane	ND		4.0		ug/Kg		10/09/14 21:52	10/10/14 12:23	1
Bromobenzene	ND	*	4.0		ug/Kg		10/09/14 21:52	10/10/14 12:23	1
Chlorobromomethane	ND		16		ug/Kg		10/09/14 21:52	10/10/14 12:23	1
Bromoform	ND		4.0		ug/Kg		10/09/14 21:52	10/10/14 12:23	1
Bromomethane	ND		7.9		ug/Kg		10/09/14 21:52	10/10/14 12:23	1
2-Butanone (MEK)	ND		40		ug/Kg		10/09/14 21:52	10/10/14 12:23	1
n-Butylbenzene	ND	*	4.0		ug/Kg		10/09/14 21:52	10/10/14 12:23	1
sec-Butylbenzene	ND	*	4.0		ug/Kg		10/09/14 21:52	10/10/14 12:23	1
tert-Butylbenzene	ND	*	4.0		ug/Kg		10/09/14 21:52	10/10/14 12:23	1
Carbon disulfide	ND		4.0		ug/Kg		10/09/14 21:52	10/10/14 12:23	1
Carbon tetrachloride	ND		4.0		ug/Kg		10/09/14 21:52	10/10/14 12:23	1
Chlorobenzene	ND		4.0		ug/Kg		10/09/14 21:52	10/10/14 12:23	1
Chloroethane	ND		7.9		ug/Kg		10/09/14 21:52	10/10/14 12:23	1
Chloroform	ND		4.0		ug/Kg		10/09/14 21:52	10/10/14 12:23	1
Chloromethane	ND		7.9		ug/Kg		10/09/14 21:52	10/10/14 12:23	1
2-Chlorotoluene	ND	*	4.0		ug/Kg		10/09/14 21:52	10/10/14 12:23	1
4-Chlorotoluene	ND	*	4.0		ug/Kg		10/09/14 21:52	10/10/14 12:23	1
Chlorodibromomethane	ND		4.0		ug/Kg		10/09/14 21:52	10/10/14 12:23	1
1,2-Dichlorobenzene	ND	*	4.0		ug/Kg		10/09/14 21:52	10/10/14 12:23	1
1,3-Dichlorobenzene	ND	*	4.0		ug/Kg		10/09/14 21:52	10/10/14 12:23	1
1,4-Dichlorobenzene	ND	*	4.0		ug/Kg		10/09/14 21:52	10/10/14 12:23	1
1,3-Dichloropropane	ND		4.0		ug/Kg		10/09/14 21:52	10/10/14 12:23	1
1,1-Dichloropropene	ND		4.0		ug/Kg		10/09/14 21:52	10/10/14 12:23	1
1,2-Dibromo-3-Chloropropane	ND	*	7.9		ug/Kg		10/09/14 21:52	10/10/14 12:23	1
Ethylene Dibromide	ND		4.0		ug/Kg		10/09/14 21:52	10/10/14 12:23	1
Dibromomethane	ND		7.9		ug/Kg		10/09/14 21:52	10/10/14 12:23	1
Dichlorodifluoromethane	ND		7.9		ug/Kg		10/09/14 21:52	10/10/14 12:23	1
1,1-Dichloroethane	ND		4.0		ug/Kg		10/09/14 21:52	10/10/14 12:23	1
1,2-Dichloroethane	ND		4.0		ug/Kg		10/09/14 21:52	10/10/14 12:23	1
1,1-Dichloroethene	ND		4.0		ug/Kg		10/09/14 21:52	10/10/14 12:23	1
cis-1,2-Dichloroethene	ND		4.0		ug/Kg		10/09/14 21:52	10/10/14 12:23	1
trans-1,2-Dichloroethene	ND		4.0		ug/Kg		10/09/14 21:52	10/10/14 12:23	1
1,2-Dichloropropane	ND		4.0		ug/Kg		10/09/14 21:52	10/10/14 12:23	1
cis-1,3-Dichloropropene	ND		4.0		ug/Kg		10/09/14 21:52	10/10/14 12:23	1
trans-1,3-Dichloropropene	ND		4.0		ug/Kg		10/09/14 21:52	10/10/14 12:23	1
Ethylbenzene	ND		4.0		ug/Kg		10/09/14 21:52	10/10/14 12:23	1
Hexachlorobutadiene	ND	*	4.0		ug/Kg		10/09/14 21:52	10/10/14 12:23	1
2-Hexanone	ND		40		ug/Kg		10/09/14 21:52	10/10/14 12:23	1
Isopropylbenzene	ND		4.0		ug/Kg		10/09/14 21:52	10/10/14 12:23	1
4-Isopropyltoluene	ND	*	4.0		ug/Kg		10/09/14 21:52	10/10/14 12:23	1
Methylene Chloride	ND		7.9		ug/Kg		10/09/14 21:52	10/10/14 12:23	1
4-Methyl-2-pentanone (MIBK)	ND		40		ug/Kg		10/09/14 21:52	10/10/14 12:23	1
Naphthalene	ND	*	7.9		ug/Kg		10/09/14 21:52	10/10/14 12:23	1
N-Propylbenzene	ND	*	4.0		ug/Kg		10/09/14 21:52	10/10/14 12:23	1
Styrene	ND		4.0		ug/Kg		10/09/14 21:52	10/10/14 12:23	1
1,1,1,2-Tetrachloroethane	ND		4.0		ug/Kg		10/09/14 21:52	10/10/14 12:23	1

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60472-1

Client Sample ID: PLSB-9-19

Lab Sample ID: 720-60472-2

Date Collected: 10/08/14 15:41

Matrix: Solid

Date Received: 10/09/14 17:45

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND	*	4.0		ug/Kg		10/09/14 21:52	10/10/14 12:23	1
Tetrachloroethene	ND		4.0		ug/Kg		10/09/14 21:52	10/10/14 12:23	1
Toluene	ND		4.0		ug/Kg		10/09/14 21:52	10/10/14 12:23	1
1,2,3-Trichlorobenzene	ND	*	4.0		ug/Kg		10/09/14 21:52	10/10/14 12:23	1
1,2,4-Trichlorobenzene	ND	*	4.0		ug/Kg		10/09/14 21:52	10/10/14 12:23	1
1,1,1-Trichloroethane	ND		4.0		ug/Kg		10/09/14 21:52	10/10/14 12:23	1
1,1,2-Trichloroethane	ND		4.0		ug/Kg		10/09/14 21:52	10/10/14 12:23	1
Trichloroethene	ND		4.0		ug/Kg		10/09/14 21:52	10/10/14 12:23	1
Trichlorofluoromethane	ND		4.0		ug/Kg		10/09/14 21:52	10/10/14 12:23	1
1,2,3-Trichloropropane	ND	*	4.0		ug/Kg		10/09/14 21:52	10/10/14 12:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.0		ug/Kg		10/09/14 21:52	10/10/14 12:23	1
1,2,4-Trimethylbenzene	ND	*	4.0		ug/Kg		10/09/14 21:52	10/10/14 12:23	1
1,3,5-Trimethylbenzene	ND	*	4.0		ug/Kg		10/09/14 21:52	10/10/14 12:23	1
Vinyl acetate	ND		16		ug/Kg		10/09/14 21:52	10/10/14 12:23	1
Vinyl chloride	ND		4.0		ug/Kg		10/09/14 21:52	10/10/14 12:23	1
Xylenes, Total	ND		7.9		ug/Kg		10/09/14 21:52	10/10/14 12:23	1
2,2-Dichloropropane	ND		4.0		ug/Kg		10/09/14 21:52	10/10/14 12:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	83		45 - 131	10/09/14 21:52	10/10/14 12:23	1
1,2-Dichloroethane-d4 (Surr)	96		60 - 140	10/09/14 21:52	10/10/14 12:23	1
Toluene-d8 (Surr)	89		58 - 140	10/09/14 21:52	10/10/14 12:23	1

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		0.066		mg/Kg		10/10/14 16:44	10/16/14 03:08	1
Bis(2-chloroethyl)ether	ND		0.066		mg/Kg		10/10/14 16:44	10/16/14 03:08	1
2-Chlorophenol	ND		0.066		mg/Kg		10/10/14 16:44	10/16/14 03:08	1
1,3-Dichlorobenzene	ND		0.066		mg/Kg		10/10/14 16:44	10/16/14 03:08	1
1,4-Dichlorobenzene	ND		0.066		mg/Kg		10/10/14 16:44	10/16/14 03:08	1
Benzyl alcohol	ND		0.17		mg/Kg		10/10/14 16:44	10/16/14 03:08	1
1,2-Dichlorobenzene	ND		0.066		mg/Kg		10/10/14 16:44	10/16/14 03:08	1
2-Methylphenol	ND		0.066		mg/Kg		10/10/14 16:44	10/16/14 03:08	1
Methylphenol, 3 & 4	ND		0.066		mg/Kg		10/10/14 16:44	10/16/14 03:08	1
N-Nitrosodi-n-propylamine	ND		0.066		mg/Kg		10/10/14 16:44	10/16/14 03:08	1
Hexachloroethane	ND		0.066		mg/Kg		10/10/14 16:44	10/16/14 03:08	1
Nitrobenzene	ND		0.066		mg/Kg		10/10/14 16:44	10/16/14 03:08	1
Isophorone	ND		0.066		mg/Kg		10/10/14 16:44	10/16/14 03:08	1
2-Nitrophenol	ND		0.066		mg/Kg		10/10/14 16:44	10/16/14 03:08	1
2,4-Dimethylphenol	ND		0.066		mg/Kg		10/10/14 16:44	10/16/14 03:08	1
Bis(2-chloroethoxy)methane	ND		0.17		mg/Kg		10/10/14 16:44	10/16/14 03:08	1
2,4-Dichlorophenol	ND		0.33		mg/Kg		10/10/14 16:44	10/16/14 03:08	1
1,2,4-Trichlorobenzene	ND		0.066		mg/Kg		10/10/14 16:44	10/16/14 03:08	1
Naphthalene	ND		0.066		mg/Kg		10/10/14 16:44	10/16/14 03:08	1
4-Chloroaniline	ND		0.17		mg/Kg		10/10/14 16:44	10/16/14 03:08	1
Hexachlorobutadiene	ND		0.066		mg/Kg		10/10/14 16:44	10/16/14 03:08	1
4-Chloro-3-methylphenol	ND		0.17		mg/Kg		10/10/14 16:44	10/16/14 03:08	1
2-Methylnaphthalene	ND		0.066		mg/Kg		10/10/14 16:44	10/16/14 03:08	1
Hexachlorocyclopentadiene	ND		0.17		mg/Kg		10/10/14 16:44	10/16/14 03:08	1
2,4,6-Trichlorophenol	ND		0.17		mg/Kg		10/10/14 16:44	10/16/14 03:08	1

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60472-1

Client Sample ID: PLSB-9-19

Lab Sample ID: 720-60472-2

Date Collected: 10/08/14 15:41

Matrix: Solid

Date Received: 10/09/14 17:45

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		0.066		mg/Kg		10/10/14 16:44	10/16/14 03:08	1
2-Chloronaphthalene	ND		0.066		mg/Kg		10/10/14 16:44	10/16/14 03:08	1
2-Nitroaniline	ND		0.33		mg/Kg		10/10/14 16:44	10/16/14 03:08	1
Dimethyl phthalate	ND		0.17		mg/Kg		10/10/14 16:44	10/16/14 03:08	1
Acenaphthylene	ND		0.066		mg/Kg		10/10/14 16:44	10/16/14 03:08	1
3-Nitroaniline	ND		0.17		mg/Kg		10/10/14 16:44	10/16/14 03:08	1
Acenaphthene	ND		0.066		mg/Kg		10/10/14 16:44	10/16/14 03:08	1
2,4-Dinitrophenol	ND		0.65		mg/Kg		10/10/14 16:44	10/16/14 03:08	1
4-Nitrophenol	ND		0.33		mg/Kg		10/10/14 16:44	10/16/14 03:08	1
Dibenzofuran	ND		0.066		mg/Kg		10/10/14 16:44	10/16/14 03:08	1
2,4-Dinitrotoluene	ND		0.066		mg/Kg		10/10/14 16:44	10/16/14 03:08	1
2,6-Dinitrotoluene	ND		0.066		mg/Kg		10/10/14 16:44	10/16/14 03:08	1
Diethyl phthalate	ND		0.17		mg/Kg		10/10/14 16:44	10/16/14 03:08	1
4-Chlorophenyl phenyl ether	ND		0.17		mg/Kg		10/10/14 16:44	10/16/14 03:08	1
Fluorene	ND		0.066		mg/Kg		10/10/14 16:44	10/16/14 03:08	1
4-Nitroaniline	ND		0.33		mg/Kg		10/10/14 16:44	10/16/14 03:08	1
2-Methyl-4,6-dinitrophenol	ND		0.33		mg/Kg		10/10/14 16:44	10/16/14 03:08	1
N-Nitrosodiphenylamine	ND		0.066		mg/Kg		10/10/14 16:44	10/16/14 03:08	1
4-Bromophenyl phenyl ether	ND		0.17		mg/Kg		10/10/14 16:44	10/16/14 03:08	1
Hexachlorobenzene	ND		0.066		mg/Kg		10/10/14 16:44	10/16/14 03:08	1
Pentachlorophenol	ND		0.33		mg/Kg		10/10/14 16:44	10/16/14 03:08	1
Phenanthrene	ND		0.066		mg/Kg		10/10/14 16:44	10/16/14 03:08	1
Anthracene	ND		0.066		mg/Kg		10/10/14 16:44	10/16/14 03:08	1
Di-n-butyl phthalate	ND		0.17		mg/Kg		10/10/14 16:44	10/16/14 03:08	1
Fluoranthene	ND		0.066		mg/Kg		10/10/14 16:44	10/16/14 03:08	1
Pyrene	ND		0.066		mg/Kg		10/10/14 16:44	10/16/14 03:08	1
Butyl benzyl phthalate	ND		0.17		mg/Kg		10/10/14 16:44	10/16/14 03:08	1
3,3'-Dichlorobenzidine	ND		0.17		mg/Kg		10/10/14 16:44	10/16/14 03:08	1
Benzo[a]anthracene	ND		0.33		mg/Kg		10/10/14 16:44	10/16/14 03:08	1
Bis(2-ethylhexyl) phthalate	ND		0.33		mg/Kg		10/10/14 16:44	10/16/14 03:08	1
Chrysene	ND		0.066		mg/Kg		10/10/14 16:44	10/16/14 03:08	1
Di-n-octyl phthalate	ND		0.17		mg/Kg		10/10/14 16:44	10/16/14 03:08	1
Benzo[b]fluoranthene	ND		0.066		mg/Kg		10/10/14 16:44	10/16/14 03:08	1
Benzo[a]pyrene	ND		0.066		mg/Kg		10/10/14 16:44	10/16/14 03:08	1
Benzo[k]fluoranthene	ND		0.066		mg/Kg		10/10/14 16:44	10/16/14 03:08	1
Indeno[1,2,3-cd]pyrene	ND		0.066		mg/Kg		10/10/14 16:44	10/16/14 03:08	1
Benzo[g,h,i]perylene	ND		0.066		mg/Kg		10/10/14 16:44	10/16/14 03:08	1
Benzoic acid	ND		0.33		mg/Kg		10/10/14 16:44	10/16/14 03:08	1
Azobenzene	ND		0.066		mg/Kg		10/10/14 16:44	10/16/14 03:08	1
Dibenz(a,h)anthracene	ND		0.066		mg/Kg		10/10/14 16:44	10/16/14 03:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	78		21 - 98	10/10/14 16:44	10/16/14 03:08	1
2-Fluorobiphenyl	80		30 - 112	10/10/14 16:44	10/16/14 03:08	1
Terphenyl-d14	91		32 - 117	10/10/14 16:44	10/16/14 03:08	1
2-Fluorophenol	55		28 - 98	10/10/14 16:44	10/16/14 03:08	1
Phenol-d5	54		23 - 101	10/10/14 16:44	10/16/14 03:08	1
2,4,6-Tribromophenol	63		37 - 114	10/10/14 16:44	10/16/14 03:08	1

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
 Project/Site: Philips San Jose

TestAmerica Job ID: 720-60472-1

Client Sample ID: PLSB-9-19

Lab Sample ID: 720-60472-2

Date Collected: 10/08/14 15:41

Matrix: Solid

Date Received: 10/09/14 17:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.8		mg/Kg		10/11/14 15:13	10/14/14 23:33	4
Arsenic	7.3		3.5		mg/Kg		10/11/14 15:13	10/14/14 23:33	4
Beryllium	0.63		0.35		mg/Kg		10/11/14 15:13	10/14/14 23:33	4
Cadmium	ND		0.44		mg/Kg		10/11/14 15:13	10/14/14 23:33	4
Chromium	64		1.8		mg/Kg		10/11/14 15:13	10/14/14 23:33	4
Copper	42		5.3		mg/Kg		10/11/14 15:13	10/14/14 23:33	4
Lead	8.2		1.8		mg/Kg		10/11/14 15:13	10/14/14 23:33	4
Nickel	77		1.8		mg/Kg		10/11/14 15:13	10/14/14 23:33	4
Selenium	ND		3.5		mg/Kg		10/11/14 15:13	10/14/14 23:33	4
Silver	ND		0.88		mg/Kg		10/11/14 15:13	10/14/14 23:33	4
Zinc	85		5.3		mg/Kg		10/11/14 15:13	10/14/14 23:33	4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.17		0.0090		mg/Kg		10/14/14 21:04	10/15/14 14:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.41		mg/Kg		10/15/14 14:45	10/15/14 17:17	1

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60472-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 720-168573/4

Matrix: Solid

Analysis Batch: 168573

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		5.0		ug/Kg			10/10/14 08:43	1
Acetone	ND		50		ug/Kg			10/10/14 08:43	1
Benzene	ND		5.0		ug/Kg			10/10/14 08:43	1
Dichlorobromomethane	ND		5.0		ug/Kg			10/10/14 08:43	1
Bromobenzene	ND		5.0		ug/Kg			10/10/14 08:43	1
Chlorobromomethane	ND		20		ug/Kg			10/10/14 08:43	1
Bromoform	ND		5.0		ug/Kg			10/10/14 08:43	1
Bromomethane	ND		10		ug/Kg			10/10/14 08:43	1
2-Butanone (MEK)	ND		50		ug/Kg			10/10/14 08:43	1
n-Butylbenzene	ND		5.0		ug/Kg			10/10/14 08:43	1
sec-Butylbenzene	ND		5.0		ug/Kg			10/10/14 08:43	1
tert-Butylbenzene	ND		5.0		ug/Kg			10/10/14 08:43	1
Carbon disulfide	ND		5.0		ug/Kg			10/10/14 08:43	1
Carbon tetrachloride	ND		5.0		ug/Kg			10/10/14 08:43	1
Chlorobenzene	ND		5.0		ug/Kg			10/10/14 08:43	1
Chloroethane	ND		10		ug/Kg			10/10/14 08:43	1
Chloroform	ND		5.0		ug/Kg			10/10/14 08:43	1
Chloromethane	ND		10		ug/Kg			10/10/14 08:43	1
2-Chlorotoluene	ND		5.0		ug/Kg			10/10/14 08:43	1
4-Chlorotoluene	ND		5.0		ug/Kg			10/10/14 08:43	1
Chlorodibromomethane	ND		5.0		ug/Kg			10/10/14 08:43	1
1,2-Dichlorobenzene	ND		5.0		ug/Kg			10/10/14 08:43	1
1,3-Dichlorobenzene	ND		5.0		ug/Kg			10/10/14 08:43	1
1,4-Dichlorobenzene	ND		5.0		ug/Kg			10/10/14 08:43	1
1,3-Dichloropropane	ND		5.0		ug/Kg			10/10/14 08:43	1
1,1-Dichloropropene	ND		5.0		ug/Kg			10/10/14 08:43	1
1,2-Dibromo-3-Chloropropane	ND		10		ug/Kg			10/10/14 08:43	1
Ethylene Dibromide	ND		5.0		ug/Kg			10/10/14 08:43	1
Dibromomethane	ND		10		ug/Kg			10/10/14 08:43	1
Dichlorodifluoromethane	ND		10		ug/Kg			10/10/14 08:43	1
1,1-Dichloroethane	ND		5.0		ug/Kg			10/10/14 08:43	1
1,2-Dichloroethane	ND		5.0		ug/Kg			10/10/14 08:43	1
1,1-Dichloroethene	ND		5.0		ug/Kg			10/10/14 08:43	1
cis-1,2-Dichloroethene	ND		5.0		ug/Kg			10/10/14 08:43	1
trans-1,2-Dichloroethene	ND		5.0		ug/Kg			10/10/14 08:43	1
1,2-Dichloropropane	ND		5.0		ug/Kg			10/10/14 08:43	1
cis-1,3-Dichloropropene	ND		5.0		ug/Kg			10/10/14 08:43	1
trans-1,3-Dichloropropene	ND		5.0		ug/Kg			10/10/14 08:43	1
Ethylbenzene	ND		5.0		ug/Kg			10/10/14 08:43	1
Hexachlorobutadiene	ND		5.0		ug/Kg			10/10/14 08:43	1
2-Hexanone	ND		50		ug/Kg			10/10/14 08:43	1
Isopropylbenzene	ND		5.0		ug/Kg			10/10/14 08:43	1
4-Isopropyltoluene	ND		5.0		ug/Kg			10/10/14 08:43	1
Methylene Chloride	ND		10		ug/Kg			10/10/14 08:43	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/Kg			10/10/14 08:43	1
Naphthalene	ND		10		ug/Kg			10/10/14 08:43	1
N-Propylbenzene	ND		5.0		ug/Kg			10/10/14 08:43	1
Styrene	ND		5.0		ug/Kg			10/10/14 08:43	1

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60472-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 720-168573/4

Matrix: Solid

Analysis Batch: 168573

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0		ug/Kg			10/10/14 08:43	1
1,1,2,2-Tetrachloroethane	ND		5.0		ug/Kg			10/10/14 08:43	1
Tetrachloroethene	ND		5.0		ug/Kg			10/10/14 08:43	1
Toluene	ND		5.0		ug/Kg			10/10/14 08:43	1
1,2,3-Trichlorobenzene	ND		5.0		ug/Kg			10/10/14 08:43	1
1,2,4-Trichlorobenzene	ND		5.0		ug/Kg			10/10/14 08:43	1
1,1,1-Trichloroethane	ND		5.0		ug/Kg			10/10/14 08:43	1
1,1,2-Trichloroethane	ND		5.0		ug/Kg			10/10/14 08:43	1
Trichloroethene	ND		5.0		ug/Kg			10/10/14 08:43	1
Trichlorofluoromethane	ND		5.0		ug/Kg			10/10/14 08:43	1
1,2,3-Trichloropropane	ND		5.0		ug/Kg			10/10/14 08:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0		ug/Kg			10/10/14 08:43	1
1,2,4-Trimethylbenzene	ND		5.0		ug/Kg			10/10/14 08:43	1
1,3,5-Trimethylbenzene	ND		5.0		ug/Kg			10/10/14 08:43	1
Vinyl acetate	ND		20		ug/Kg			10/10/14 08:43	1
Vinyl chloride	ND		5.0		ug/Kg			10/10/14 08:43	1
Xylenes, Total	ND		10		ug/Kg			10/10/14 08:43	1
2,2-Dichloropropane	ND		5.0		ug/Kg			10/10/14 08:43	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	96		45 - 131		10/10/14 08:43	1
1,2-Dichloroethane-d4 (Surr)	98		60 - 140		10/10/14 08:43	1
Toluene-d8 (Surr)	94		58 - 140		10/10/14 08:43	1

Lab Sample ID: LCS 720-168573/5

Matrix: Solid

Analysis Batch: 168573

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl tert-butyl ether	50.0	63.0		ug/Kg		126	70 - 144
Acetone	250	269		ug/Kg		108	30 - 162
Benzene	50.0	48.8		ug/Kg		98	70 - 130
Dichlorobromomethane	50.0	53.6		ug/Kg		107	70 - 131
Bromobenzene	50.0	50.6		ug/Kg		101	70 - 130
Chlorobromomethane	50.0	50.4		ug/Kg		101	70 - 130
Bromoform	50.0	50.8		ug/Kg		102	59 - 158
Bromomethane	50.0	45.9		ug/Kg		92	59 - 132
2-Butanone (MEK)	250	279		ug/Kg		112	53 - 124
n-Butylbenzene	50.0	51.2		ug/Kg		102	70 - 142
sec-Butylbenzene	50.0	50.1		ug/Kg		100	70 - 136
tert-Butylbenzene	50.0	49.1		ug/Kg		98	70 - 130
Carbon disulfide	50.0	45.5		ug/Kg		91	60 - 140
Carbon tetrachloride	50.0	55.0		ug/Kg		110	70 - 138
Chlorobenzene	50.0	51.2		ug/Kg		102	70 - 130
Chloroethane	50.0	46.4		ug/Kg		93	65 - 130
Chloroform	50.0	50.6		ug/Kg		101	77 - 127
Chloromethane	50.0	44.3		ug/Kg		89	55 - 140
2-Chlorotoluene	50.0	49.9		ug/Kg		100	70 - 138

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60472-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 720-168573/5

Matrix: Solid

Analysis Batch: 168573

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4-Chlorotoluene	50.0	50.5		ug/Kg		101	70 - 136
Chlorodibromomethane	50.0	55.6		ug/Kg		111	70 - 146
1,2-Dichlorobenzene	50.0	51.5		ug/Kg		103	70 - 130
1,3-Dichlorobenzene	50.0	51.4		ug/Kg		103	70 - 131
1,4-Dichlorobenzene	50.0	50.9		ug/Kg		102	70 - 130
1,3-Dichloropropane	50.0	53.5		ug/Kg		107	70 - 140
1,1-Dichloropropene	50.0	53.6		ug/Kg		107	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	62.0		ug/Kg		124	60 - 145
Ethylene Dibromide	50.0	58.5		ug/Kg		117	70 - 140
Dibromomethane	50.0	54.2		ug/Kg		108	70 - 139
Dichlorodifluoromethane	50.0	38.8		ug/Kg		78	37 - 158
1,1-Dichloroethane	50.0	51.8		ug/Kg		104	70 - 130
1,2-Dichloroethane	50.0	53.0		ug/Kg		106	70 - 130
1,1-Dichloroethene	50.0	45.7		ug/Kg		91	76 - 122
cis-1,2-Dichloroethene	50.0	50.8		ug/Kg		102	70 - 138
trans-1,2-Dichloroethene	50.0	49.6		ug/Kg		99	67 - 130
1,2-Dichloropropane	50.0	53.1		ug/Kg		106	73 - 127
cis-1,3-Dichloropropene	50.0	58.0		ug/Kg		116	68 - 147
trans-1,3-Dichloropropene	50.0	67.5		ug/Kg		135	70 - 136
Ethylbenzene	50.0	49.3		ug/Kg		99	80 - 137
Hexachlorobutadiene	50.0	52.2		ug/Kg		104	70 - 132
2-Hexanone	250	296		ug/Kg		118	44 - 133
Isopropylbenzene	50.0	50.2		ug/Kg		100	70 - 130
4-Isopropyltoluene	50.0	49.6		ug/Kg		99	70 - 133
Methylene Chloride	50.0	47.0		ug/Kg		94	70 - 134
4-Methyl-2-pentanone (MIBK)	250	293		ug/Kg		117	60 - 160
Naphthalene	50.0	56.6		ug/Kg		113	60 - 147
N-Propylbenzene	50.0	50.3		ug/Kg		101	70 - 130
Styrene	50.0	51.2		ug/Kg		102	70 - 130
1,1,1,2-Tetrachloroethane	50.0	56.6		ug/Kg		113	70 - 130
1,1,1,2,2-Tetrachloroethane	50.0	56.3		ug/Kg		113	70 - 146
Tetrachloroethene	50.0	50.9		ug/Kg		102	70 - 132
Toluene	50.0	48.7		ug/Kg		97	80 - 128
1,2,3-Trichlorobenzene	50.0	53.4		ug/Kg		107	60 - 140
1,2,4-Trichlorobenzene	50.0	54.0		ug/Kg		108	60 - 140
1,1,1-Trichloroethane	50.0	54.7		ug/Kg		109	70 - 130
1,1,2-Trichloroethane	50.0	54.3		ug/Kg		109	70 - 130
Trichloroethene	50.0	50.6		ug/Kg		101	70 - 133
Trichlorofluoromethane	50.0	49.6		ug/Kg		99	60 - 140
1,2,3-Trichloropropane	50.0	58.1		ug/Kg		116	70 - 146
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	46.1		ug/Kg		92	60 - 140
1,2,4-Trimethylbenzene	50.0	49.5		ug/Kg		99	70 - 130
1,3,5-Trimethylbenzene	50.0	50.5		ug/Kg		101	70 - 131
Vinyl acetate	50.0	55.3		ug/Kg		111	38 - 176
Vinyl chloride	50.0	43.0		ug/Kg		86	58 - 125
m-Xylene & p-Xylene	50.0	49.0		ug/Kg		98	70 - 146
o-Xylene	50.0	50.1		ug/Kg		100	70 - 140

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60472-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 720-168573/5

Matrix: Solid

Analysis Batch: 168573

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,2-Dichloropropane	50.0	65.3		ug/Kg		131	70 - 162

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	97		45 - 131
1,2-Dichloroethane-d4 (Surr)	104		60 - 140
Toluene-d8 (Surr)	98		58 - 140

Lab Sample ID: LCSD 720-168573/6

Matrix: Solid

Analysis Batch: 168573

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Methyl tert-butyl ether	50.0	62.2		ug/Kg		124	70 - 144	1	20
Acetone	250	229		ug/Kg		91	30 - 162	16	30
Benzene	50.0	49.1		ug/Kg		98	70 - 130	1	20
Dichlorobromomethane	50.0	54.2		ug/Kg		108	70 - 131	1	20
Bromobenzene	50.0	50.5		ug/Kg		101	70 - 130	0	20
Chlorobromomethane	50.0	50.3		ug/Kg		101	70 - 130	0	20
Bromoform	50.0	49.0		ug/Kg		98	59 - 158	4	20
Bromomethane	50.0	44.4		ug/Kg		89	59 - 132	3	20
2-Butanone (MEK)	250	262		ug/Kg		105	53 - 124	6	20
n-Butylbenzene	50.0	51.0		ug/Kg		102	70 - 142	0	20
sec-Butylbenzene	50.0	49.8		ug/Kg		100	70 - 136	1	20
tert-Butylbenzene	50.0	49.1		ug/Kg		98	70 - 130	0	20
Carbon disulfide	50.0	45.0		ug/Kg		90	60 - 140	1	20
Carbon tetrachloride	50.0	55.5		ug/Kg		111	70 - 138	1	20
Chlorobenzene	50.0	51.2		ug/Kg		102	70 - 130	0	20
Chloroethane	50.0	45.5		ug/Kg		91	65 - 130	2	20
Chloroform	50.0	50.6		ug/Kg		101	77 - 127	0	20
Chloromethane	50.0	43.4		ug/Kg		87	55 - 140	2	20
2-Chlorotoluene	50.0	50.4		ug/Kg		101	70 - 138	1	20
4-Chlorotoluene	50.0	51.0		ug/Kg		102	70 - 136	1	20
Chlorodibromomethane	50.0	55.3		ug/Kg		111	70 - 146	0	20
1,2-Dichlorobenzene	50.0	52.2		ug/Kg		104	70 - 130	1	20
1,3-Dichlorobenzene	50.0	51.4		ug/Kg		103	70 - 131	0	20
1,4-Dichlorobenzene	50.0	50.9		ug/Kg		102	70 - 130	0	20
1,3-Dichloropropane	50.0	52.6		ug/Kg		105	70 - 140	2	20
1,1-Dichloropropene	50.0	53.1		ug/Kg		106	70 - 130	1	20
1,2-Dibromo-3-Chloropropane	50.0	58.6		ug/Kg		117	60 - 145	6	20
Ethylene Dibromide	50.0	56.8		ug/Kg		114	70 - 140	3	20
Dibromomethane	50.0	52.4		ug/Kg		105	70 - 139	3	20
Dichlorodifluoromethane	50.0	37.3		ug/Kg		75	37 - 158	4	20
1,1-Dichloroethane	50.0	51.8		ug/Kg		104	70 - 130	0	20
1,2-Dichloroethane	50.0	52.8		ug/Kg		106	70 - 130	0	20
1,1-Dichloroethane	50.0	45.8		ug/Kg		92	76 - 122	0	20
cis-1,2-Dichloroethane	50.0	51.0		ug/Kg		102	70 - 138	0	20
trans-1,2-Dichloroethane	50.0	49.5		ug/Kg		99	67 - 130	0	20
1,2-Dichloropropane	50.0	53.3		ug/Kg		107	73 - 127	0	20

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60472-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 720-168573/6

Matrix: Solid

Analysis Batch: 168573

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
cis-1,3-Dichloropropene	50.0	58.4		ug/Kg		117	68 - 147	1	20
trans-1,3-Dichloropropene	50.0	68.1		ug/Kg		136	70 - 136	1	20
Ethylbenzene	50.0	48.9		ug/Kg		98	80 - 137	1	20
Hexachlorobutadiene	50.0	51.7		ug/Kg		103	70 - 132	1	20
2-Hexanone	250	276		ug/Kg		110	44 - 133	7	20
Isopropylbenzene	50.0	49.6		ug/Kg		99	70 - 130	1	20
4-Isopropyltoluene	50.0	49.4		ug/Kg		99	70 - 133	0	20
Methylene Chloride	50.0	46.6		ug/Kg		93	70 - 134	1	20
4-Methyl-2-pentanone (MIBK)	250	273		ug/Kg		109	60 - 160	7	20
Naphthalene	50.0	54.7		ug/Kg		109	60 - 147	3	20
N-Propylbenzene	50.0	50.2		ug/Kg		100	70 - 130	0	20
Styrene	50.0	50.7		ug/Kg		101	70 - 130	1	20
1,1,1,2-Tetrachloroethane	50.0	56.8		ug/Kg		114	70 - 130	0	20
1,1,1,2-Tetrachloroethane	50.0	53.7		ug/Kg		107	70 - 146	5	20
Tetrachloroethene	50.0	50.7		ug/Kg		101	70 - 132	1	20
Toluene	50.0	48.7		ug/Kg		97	80 - 128	0	20
1,2,3-Trichlorobenzene	50.0	53.2		ug/Kg		106	60 - 140	0	20
1,2,4-Trichlorobenzene	50.0	53.7		ug/Kg		107	60 - 140	1	20
1,1,1-Trichloroethane	50.0	55.6		ug/Kg		111	70 - 130	2	20
1,1,2-Trichloroethane	50.0	52.9		ug/Kg		106	70 - 130	2	20
Trichloroethene	50.0	50.7		ug/Kg		101	70 - 133	0	20
Trichlorofluoromethane	50.0	48.7		ug/Kg		97	60 - 140	2	20
1,2,3-Trichloropropane	50.0	55.5		ug/Kg		111	70 - 146	5	20
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	45.6		ug/Kg		91	60 - 140	1	20
1,2,4-Trimethylbenzene	50.0	49.9		ug/Kg		100	70 - 130	1	20
1,3,5-Trimethylbenzene	50.0	50.4		ug/Kg		101	70 - 131	0	20
Vinyl acetate	50.0	56.4		ug/Kg		113	38 - 176	2	20
Vinyl chloride	50.0	42.6		ug/Kg		85	58 - 125	1	20
m-Xylene & p-Xylene	50.0	48.8		ug/Kg		98	70 - 146	0	20
o-Xylene	50.0	49.7		ug/Kg		99	70 - 140	1	20
2,2-Dichloropropane	50.0	68.0		ug/Kg		136	70 - 162	4	20

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene	95		45 - 131
1,2-Dichloroethane-d4 (Surr)	102		60 - 140
Toluene-d8 (Surr)	99		58 - 140

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Lab Sample ID: MB 720-168633/1-A

Matrix: Solid

Analysis Batch: 168691

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 168633

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Phenol	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
Bis(2-chloroethyl)ether	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
2-Chlorophenol	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 13:37	1

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60472-1

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

(Continued)

Lab Sample ID: MB 720-168633/1-A

Matrix: Solid

Analysis Batch: 168691

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 168633

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
1,4-Dichlorobenzene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
Benzyl alcohol	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
1,2-Dichlorobenzene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
2-Methylphenol	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
Methylphenol, 3 & 4	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
N-Nitrosodi-n-propylamine	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
Hexachloroethane	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
Nitrobenzene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
Isophorone	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
2-Nitrophenol	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
2,4-Dimethylphenol	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
Bis(2-chloroethoxy)methane	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
2,4-Dichlorophenol	ND		0.33		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
1,2,4-Trichlorobenzene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
Naphthalene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
4-Chloroaniline	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
Hexachlorobutadiene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
4-Chloro-3-methylphenol	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
2-Methylnaphthalene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
Hexachlorocyclopentadiene	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
2,4,6-Trichlorophenol	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
2,4,5-Trichlorophenol	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
2-Chloronaphthalene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
2-Nitroaniline	ND		0.33		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
Dimethyl phthalate	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
Acenaphthylene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
3-Nitroaniline	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
Acenaphthene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
2,4-Dinitrophenol	ND		0.66		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
4-Nitrophenol	ND		0.33		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
Dibenzofuran	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
2,4-Dinitrotoluene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
2,6-Dinitrotoluene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
Diethyl phthalate	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
4-Chlorophenyl phenyl ether	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
Fluorene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
4-Nitroaniline	ND		0.33		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
2-Methyl-4,6-dinitrophenol	ND		0.33		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
N-Nitrosodiphenylamine	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
4-Bromophenyl phenyl ether	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
Hexachlorobenzene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
Pentachlorophenol	ND		0.33		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
Phenanthrene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
Anthracene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
Di-n-butyl phthalate	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
Fluoranthene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 13:37	1

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60472-1

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

(Continued)

Lab Sample ID: MB 720-168633/1-A

Matrix: Solid

Analysis Batch: 168691

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 168633

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pyrene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
Butyl benzyl phthalate	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
3,3'-Dichlorobenzidine	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
Benzo[a]anthracene	ND		0.33		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
Bis(2-ethylhexyl) phthalate	ND		0.33		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
Chrysene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
Di-n-octyl phthalate	ND		0.17		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
Benzo[b]fluoranthene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
Benzo[a]pyrene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
Benzo[k]fluoranthene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
Indeno[1,2,3-cd]pyrene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
Benzo[g,h,i]perylene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
Benzoic acid	ND		0.33		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
Azobenzene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 13:37	1
Dibenz(a,h)anthracene	ND		0.067		mg/Kg		10/10/14 16:44	10/13/14 13:37	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	77		21 - 98	10/10/14 16:44	10/13/14 13:37	1
2-Fluorobiphenyl	73		30 - 112	10/10/14 16:44	10/13/14 13:37	1
Terphenyl-d14	74		32 - 117	10/10/14 16:44	10/13/14 13:37	1
2-Fluorophenol	70		28 - 98	10/10/14 16:44	10/13/14 13:37	1
Phenol-d5	60		23 - 101	10/10/14 16:44	10/13/14 13:37	1
2,4,6-Tribromophenol	60		37 - 114	10/10/14 16:44	10/13/14 13:37	1

Lab Sample ID: LCS 720-168633/2-A

Matrix: Solid

Analysis Batch: 168691

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 168633

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Phenol	1.32	0.933		mg/Kg		71	48 - 115
Bis(2-chloroethyl)ether	1.32	0.895		mg/Kg		68	45 - 115
2-Chlorophenol	1.32	1.00		mg/Kg		76	48 - 115
1,3-Dichlorobenzene	1.32	0.908		mg/Kg		69	41 - 115
1,4-Dichlorobenzene	1.32	0.897		mg/Kg		68	40 - 115
Benzyl alcohol	1.32	0.966		mg/Kg		73	51 - 115
1,2-Dichlorobenzene	1.32	0.894		mg/Kg		68	44 - 115
2-Methylphenol	1.32	0.984		mg/Kg		75	54 - 115
Methylphenol, 3 & 4	1.32	0.985		mg/Kg		75	42 - 115
N-Nitrosodi-n-propylamine	1.32	0.955		mg/Kg		72	46 - 115
Hexachloroethane	1.32	0.956		mg/Kg		72	44 - 115
Nitrobenzene	1.32	0.961		mg/Kg		73	48 - 115
Isophorone	1.32	1.03		mg/Kg		78	54 - 115
2-Nitrophenol	1.32	0.965		mg/Kg		73	48 - 115
2,4-Dimethylphenol	1.32	0.911		mg/Kg		69	52 - 115
Bis(2-chloroethoxy)methane	1.32	0.974		mg/Kg		74	46 - 115
2,4-Dichlorophenol	1.32	0.926		mg/Kg		70	49 - 100
1,2,4-Trichlorobenzene	1.32	0.947		mg/Kg		72	47 - 115

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60472-1

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

(Continued)

Lab Sample ID: LCS 720-168633/2-A

Matrix: Solid

Analysis Batch: 168691

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 168633

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Naphthalene	1.32	0.952		mg/Kg		72	44 - 115
4-Chloroaniline	1.32	0.734		mg/Kg		56	30 - 115
Hexachlorobutadiene	1.32	0.925		mg/Kg		70	44 - 115
4-Chloro-3-methylphenol	1.32	1.01		mg/Kg		77	58 - 115
2-Methylnaphthalene	1.32	0.953		mg/Kg		72	49 - 115
Hexachlorocyclopentadiene	1.32	1.03		mg/Kg		78	42 - 132
2,4,6-Trichlorophenol	1.32	1.01		mg/Kg		76	45 - 115
2,4,5-Trichlorophenol	1.32	1.15		mg/Kg		87	48 - 115
2-Chloronaphthalene	1.32	0.958		mg/Kg		73	52 - 115
2-Nitroaniline	1.32	1.07		mg/Kg		81	54 - 115
Dimethyl phthalate	1.32	1.08		mg/Kg		82	64 - 119
Acenaphthylene	1.32	1.02		mg/Kg		77	61 - 129
3-Nitroaniline	1.32	0.822		mg/Kg		62	50 - 115
Acenaphthene	1.32	1.00		mg/Kg		76	50 - 115
2,4-Dinitrophenol	2.64	0.640	J	mg/Kg		24	15 - 115
4-Nitrophenol	2.64	2.62		mg/Kg		99	54 - 125
Dibenzofuran	1.32	1.09		mg/Kg		83	55 - 115
2,4-Dinitrotoluene	1.32	1.07		mg/Kg		81	57 - 115
2,6-Dinitrotoluene	1.32	0.953		mg/Kg		72	54 - 119
Diethyl phthalate	1.32	1.10		mg/Kg		83	49 - 117
4-Chlorophenyl phenyl ether	1.32	1.10		mg/Kg		83	57 - 115
Fluorene	1.32	1.04		mg/Kg		79	54 - 115
4-Nitroaniline	1.32	1.04		mg/Kg		79	59 - 115
2-Methyl-4,6-dinitrophenol	2.64	1.33		mg/Kg		50	39 - 115
N-Nitrosodiphenylamine	1.32	0.983		mg/Kg		75	56 - 115
4-Bromophenyl phenyl ether	1.32	0.969		mg/Kg		74	53 - 115
Hexachlorobenzene	1.32	0.989		mg/Kg		75	55 - 115
Pentachlorophenol	2.64	1.85		mg/Kg		70	35 - 115
Phenanthrene	1.32	1.04		mg/Kg		79	54 - 115
Anthracene	1.32	1.04		mg/Kg		79	55 - 115
Di-n-butyl phthalate	1.32	1.09		mg/Kg		83	55 - 115
Fluoranthene	1.32	1.10		mg/Kg		83	52 - 130
Pyrene	1.32	0.845		mg/Kg		64	48 - 115
Butyl benzyl phthalate	1.32	0.908		mg/Kg		69	53 - 115
3,3'-Dichlorobenzidine	1.32	0.677		mg/Kg		51	42 - 115
Benzo[a]anthracene	1.32	1.03		mg/Kg		78	55 - 115
Bis(2-ethylhexyl) phthalate	1.32	1.13		mg/Kg		85	53 - 115
Chrysene	1.32	1.16		mg/Kg		88	58 - 115
Di-n-octyl phthalate	1.32	1.15		mg/Kg		87	53 - 115
Benzo[b]fluoranthene	1.32	1.29		mg/Kg		98	50 - 119
Benzo[a]pyrene	1.32	1.32		mg/Kg		100	57 - 122
Benzo[k]fluoranthene	1.32	1.37		mg/Kg		104	55 - 120
Indeno[1,2,3-cd]pyrene	1.32	1.01		mg/Kg		77	56 - 115
Benzo[g,h,i]perylene	1.32	0.995		mg/Kg		75	56 - 115
Benzoic acid	1.32	0.269	J	mg/Kg		20	10 - 115
Azobenzene	1.32	0.983		mg/Kg		75	52 - 115
Dibenz(a,h)anthracene	1.32	0.994		mg/Kg		75	57 - 121

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60472-1

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

(Continued)

Lab Sample ID: LCS 720-168633/2-A

Matrix: Solid

Analysis Batch: 168691

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 168633

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
Nitrobenzene-d5	80		21 - 98
2-Fluorobiphenyl	84		30 - 112
Terphenyl-d14	77		32 - 117
2-Fluorophenol	73		28 - 98
Phenol-d5	71		23 - 101
2,4,6-Tribromophenol	86		37 - 114

Lab Sample ID: 720-60441-A-14-B MS

Matrix: Solid

Analysis Batch: 168855

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 168633

Analyte	Sample Result	Sample Qualifier	Spike Added	MS MS		Unit	D	%Rec	%Rec. Limits
				Result	Qualifier				
Phenol	ND		1.32	0.863		mg/Kg		65	23 - 115
Bis(2-chloroethyl)ether	ND		1.32	0.834		mg/Kg		63	27 - 115
2-Chlorophenol	ND		1.32	0.789		mg/Kg		60	16 - 115
1,3-Dichlorobenzene	ND		1.32	0.734		mg/Kg		55	22 - 115
1,4-Dichlorobenzene	ND		1.32	0.777		mg/Kg		59	21 - 115
Benzyl alcohol	ND		1.32	ND		mg/Kg		76	28 - 115
1,2-Dichlorobenzene	ND		1.32	0.844		mg/Kg		64	25 - 115
2-Methylphenol	ND		1.32	0.893		mg/Kg		67	32 - 115
Methylphenol, 3 & 4	ND		1.32	1.07		mg/Kg		80	28 - 115
N-Nitrosodi-n-propylamine	ND		1.32	0.815		mg/Kg		62	27 - 115
Hexachloroethane	ND		1.32	0.823		mg/Kg		62	19 - 115
Nitrobenzene	ND		1.32	1.01		mg/Kg		76	30 - 115
Isophorone	ND		1.32	1.01		mg/Kg		76	36 - 115
2-Nitrophenol	ND		1.32	ND	F1	mg/Kg		0	11 - 116
2,4-Dimethylphenol	ND		1.32	1.01		mg/Kg		76	36 - 115
Bis(2-chloroethoxy)methane	ND		1.32	ND		mg/Kg		72	28 - 115
2,4-Dichlorophenol	ND		1.32	ND	F1	mg/Kg		0	17 - 115
1,2,4-Trichlorobenzene	ND		1.32	0.834		mg/Kg		63	29 - 115
Naphthalene	ND		1.32	0.961		mg/Kg		73	22 - 115
4-Chloroaniline	ND		1.32	ND		mg/Kg		23	7 - 115
Hexachlorobutadiene	ND		1.32	0.845		mg/Kg		64	26 - 115
4-Chloro-3-methylphenol	ND		1.32	ND		mg/Kg		80	42 - 115
2-Methylnaphthalene	ND		1.32	0.960		mg/Kg		72	28 - 115
Hexachlorocyclopentadiene	ND		1.32	ND	F1	mg/Kg		0	15 - 115
2,4,6-Trichlorophenol	ND		1.32	ND	F1	mg/Kg		0	25 - 115
2,4,5-Trichlorophenol	ND		1.32	ND	F1	mg/Kg		0	38 - 115
2-Chloronaphthalene	ND		1.32	1.13		mg/Kg		86	38 - 115
2-Nitroaniline	ND		1.32	ND		mg/Kg		81	43 - 115
Dimethyl phthalate	ND		1.32	ND		mg/Kg		85	55 - 116
Acenaphthylene	ND		1.32	1.03		mg/Kg		78	49 - 120
3-Nitroaniline	ND		1.32	ND		mg/Kg		81	39 - 115
Acenaphthene	ND		1.32	1.02		mg/Kg		77	42 - 115
2,4-Dinitrophenol	ND		2.65	ND		mg/Kg		NC	13 - 122
4-Nitrophenol	ND		2.65	ND	F1	mg/Kg		0	25 - 147
Dibenzofuran	ND		1.32	0.969		mg/Kg		73	43 - 115

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60472-1

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

(Continued)

Lab Sample ID: 720-60441-A-14-B MS

Matrix: Solid

Analysis Batch: 168855

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 168633

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier	Added	Result	Qualifier				
2,4-Dinitrotoluene	ND		1.32	0.891		mg/Kg		67	47 - 115
2,6-Dinitrotoluene	ND		1.32	ND	F1	mg/Kg		0	55 - 115
Diethyl phthalate	ND		1.32	ND		mg/Kg		85	48 - 115
4-Chlorophenyl phenyl ether	ND		1.32	ND		mg/Kg		83	44 - 115
Fluorene	ND		1.32	0.920		mg/Kg		69	41 - 115
4-Nitroaniline	ND		1.32	ND		mg/Kg		63	47 - 120
2-Methyl-4,6-dinitrophenol	ND		2.65	ND	F1	mg/Kg		0	19 - 132
N-Nitrosodiphenylamine	ND		1.32	1.09		mg/Kg		82	43 - 115
4-Bromophenyl phenyl ether	ND		1.32	ND		mg/Kg		73	45 - 115
Hexachlorobenzene	ND		1.32	0.837		mg/Kg		63	48 - 115
Pentachlorophenol	ND		2.65	ND	F1	mg/Kg		0	7 - 132
Phenanthrene	ND		1.32	1.02		mg/Kg		77	38 - 115
Anthracene	ND		1.32	0.995		mg/Kg		75	47 - 115
Di-n-butyl phthalate	ND		1.32	ND		mg/Kg		71	46 - 115
Fluoranthene	ND		1.32	0.818		mg/Kg		62	40 - 115
Pyrene	ND		1.32	1.07		mg/Kg		81	35 - 115
Butyl benzyl phthalate	ND		1.32	ND		mg/Kg		114	40 - 115
3,3'-Dichlorobenzidine	ND		1.32	ND	F1	mg/Kg		0	17 - 115
Benzo[a]anthracene	ND		1.32	ND		mg/Kg		77	42 - 115
Bis(2-ethylhexyl) phthalate	ND		1.32	ND	F1	mg/Kg		125	42 - 115
Chrysene	ND		1.32	1.07		mg/Kg		81	37 - 115
Di-n-octyl phthalate	ND		1.32	ND		mg/Kg		88	46 - 115
Benzo[b]fluoranthene	ND		1.32	ND	F1	mg/Kg		0	43 - 115
Benzo[a]pyrene	ND		1.32	1.03		mg/Kg		78	48 - 115
Benzo[k]fluoranthene	ND		1.32	0.943		mg/Kg		71	39 - 115
Indeno[1,2,3-cd]pyrene	ND		1.32	1.12		mg/Kg		85	50 - 115
Benzo[g,h,i]perylene	ND		1.32	1.33		mg/Kg		100	43 - 115
Benzoic acid	ND		1.32	ND		mg/Kg		0	0 - 115
Azobenzene	ND		1.32	1.20		mg/Kg		91	48 - 115
Dibenz(a,h)anthracene	ND		1.32	1.29		mg/Kg		98	49 - 115

Surrogate	MS MS		Limits
	%Recovery	Qualifier	
Nitrobenzene-d5	69	D	21 - 98
2-Fluorobiphenyl	85	D	30 - 112
Terphenyl-d14	73	D	32 - 117
2-Fluorophenol	0	X D	28 - 98
Phenol-d5	57	D	23 - 101
2,4,6-Tribromophenol	0	X D	37 - 114

Lab Sample ID: 720-60441-A-14-C MSD

Matrix: Solid

Analysis Batch: 168855

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 168633

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec. Limits	RPD	
	Result	Qualifier	Added	Result	Qualifier					RPD	Limit
Phenol	ND		1.33	0.969		mg/Kg		73	23 - 115	12	35
Bis(2-chloroethyl)ether	ND		1.33	0.953		mg/Kg		72	27 - 115	13	35
2-Chlorophenol	ND		1.33	0.715		mg/Kg		54	16 - 115	10	35

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60472-1

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

(Continued)

Lab Sample ID: 720-60441-A-14-C MSD

Client Sample ID: Matrix Spike Duplicate

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 168855

Prep Batch: 168633

Analyte	Sample	Sample Qualifier	Spike Added	MSD		Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
	Result			Result	Qualifier						
1,3-Dichlorobenzene	ND		1.33	0.874		mg/Kg		66	22 - 115	17	35
1,4-Dichlorobenzene	ND		1.33	0.917		mg/Kg		69	21 - 115	17	35
Benzyl alcohol	ND		1.33	ND		mg/Kg		78	28 - 115	2	35
1,2-Dichlorobenzene	ND		1.33	0.884		mg/Kg		67	25 - 115	5	35
2-Methylphenol	ND		1.33	0.882		mg/Kg		67	32 - 115	1	35
Methylphenol, 3 & 4	ND		1.33	1.07		mg/Kg		81	28 - 115	1	35
N-Nitrosodi-n-propylamine	ND		1.33	1.02		mg/Kg		77	27 - 115	22	35
Hexachloroethane	ND		1.33	1.04		mg/Kg		78	19 - 115	23	35
Nitrobenzene	ND		1.33	0.990		mg/Kg		75	30 - 115	2	35
Isophorone	ND		1.33	1.05		mg/Kg		79	36 - 115	4	35
2-Nitrophenol	ND		1.33	ND	F1	mg/Kg		0	11 - 116	NC	35
2,4-Dimethylphenol	ND		1.33	1.07		mg/Kg		81	36 - 115	6	35
Bis(2-chloroethoxy)methane	ND		1.33	ND		mg/Kg		81	28 - 115	11	35
2,4-Dichlorophenol	ND		1.33	ND	F1	mg/Kg		0	17 - 115	NC	35
1,2,4-Trichlorobenzene	ND		1.33	1.02		mg/Kg		77	29 - 115	20	35
Naphthalene	ND		1.33	1.04		mg/Kg		78	22 - 115	8	35
4-Chloroaniline	ND		1.33	ND	F2	mg/Kg		46	7 - 115	66	35
Hexachlorobutadiene	ND		1.33	0.976		mg/Kg		74	26 - 115	14	35
4-Chloro-3-methylphenol	ND		1.33	ND		mg/Kg		84	42 - 115	5	35
2-Methylnaphthalene	ND		1.33	1.00		mg/Kg		75	28 - 115	4	35
Hexachlorocyclopentadiene	ND		1.33	ND	F1	mg/Kg		0	15 - 115	NC	35
2,4,6-Trichlorophenol	ND		1.33	ND	F1	mg/Kg		0	25 - 115	NC	35
2,4,5-Trichlorophenol	ND		1.33	ND	F1	mg/Kg		0	38 - 115	NC	35
2-Chloronaphthalene	ND		1.33	1.25		mg/Kg		94	38 - 115	10	35
2-Nitroaniline	ND		1.33	ND		mg/Kg		94	43 - 115	15	35
Dimethyl phthalate	ND		1.33	ND		mg/Kg		90	55 - 116	6	35
Acenaphthylene	ND		1.33	1.12		mg/Kg		85	49 - 120	9	35
3-Nitroaniline	ND		1.33	ND		mg/Kg		90	39 - 115	10	35
Acenaphthene	ND		1.33	1.19		mg/Kg		89	42 - 115	15	35
2,4-Dinitrophenol	ND		2.65	ND		mg/Kg		NC	13 - 122	NC	35
4-Nitrophenol	ND		2.65	ND	F1	mg/Kg		0	25 - 147	NC	35
Dibenzofuran	ND		1.33	1.04		mg/Kg		79	43 - 115	7	35
2,4-Dinitrotoluene	ND		1.33	0.965		mg/Kg		73	47 - 115	8	35
2,6-Dinitrotoluene	ND		1.33	ND	F1	mg/Kg		0	55 - 115	NC	35
Diethyl phthalate	ND		1.33	ND		mg/Kg		87	48 - 115	3	35
4-Chlorophenyl phenyl ether	ND		1.33	ND		mg/Kg		86	44 - 115	3	35
Fluorene	ND		1.33	0.987		mg/Kg		74	41 - 115	7	35
4-Nitroaniline	ND		1.33	ND		mg/Kg		78	47 - 120	21	35
2-Methyl-4,6-dinitrophenol	ND		2.65	ND	F1	mg/Kg		0	19 - 132	NC	35
N-Nitrosodiphenylamine	ND		1.33	1.23		mg/Kg		93	43 - 115	12	35
4-Bromophenyl phenyl ether	ND		1.33	ND		mg/Kg		75	45 - 115	3	35
Hexachlorobenzene	ND		1.33	0.922		mg/Kg		70	48 - 115	10	35
Pentachlorophenol	ND		2.65	ND	F1	mg/Kg		0	7 - 132	NC	35
Phenanthrene	ND		1.33	1.10		mg/Kg		83	38 - 115	8	35
Anthracene	ND		1.33	1.09		mg/Kg		82	47 - 115	9	35
Di-n-butyl phthalate	ND		1.33	ND		mg/Kg		76	46 - 115	6	35
Fluoranthene	ND		1.33	0.855		mg/Kg		65	40 - 115	4	35

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60472-1

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

(Continued)

Lab Sample ID: 720-60441-A-14-C MSD

Matrix: Solid

Analysis Batch: 168855

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 168633

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		Limit
Pyrene	ND		1.33	1.16		mg/Kg		88	35 - 115	9	35
Butyl benzyl phthalate	ND		1.33	1.86	F1	mg/Kg		140	40 - 115	21	35
3,3'-Dichlorobenzidine	ND		1.33	ND	F1	mg/Kg		0	17 - 115	NC	35
Benzo[a]anthracene	ND		1.33	ND		mg/Kg		80	42 - 115	4	35
Bis(2-ethylhexyl) phthalate	ND		1.33	ND	F1	mg/Kg		134	42 - 115	7	35
Chrysene	ND		1.33	1.23		mg/Kg		93	37 - 115	14	35
Di-n-octyl phthalate	ND		1.33	ND		mg/Kg		113	46 - 115	25	35
Benzo[b]fluoranthene	ND		1.33	ND	F1	mg/Kg		0	43 - 115	NC	35
Benzo[a]pyrene	ND		1.33	ND	F1	mg/Kg		0	48 - 115	NC	35
Benzo[k]fluoranthene	ND		1.33	1.28		mg/Kg		96	39 - 115	30	35
Indeno[1,2,3-cd]pyrene	ND		1.33	1.15		mg/Kg		87	50 - 115	2	35
Benzo[g,h,i]perylene	ND		1.33	ND	F1	mg/Kg		0	43 - 115	NC	35
Benzoic acid	ND		1.33	ND		mg/Kg		0	0 - 115	NC	35
Azobenzene	ND		1.33	1.18		mg/Kg		89	48 - 115	2	35
Dibenz(a,h)anthracene	ND		1.33	1.33		mg/Kg		100	49 - 115	3	35

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
Nitrobenzene-d5	77	D	21 - 98
2-Fluorobiphenyl	92	D	30 - 112
Terphenyl-d14	77	D	32 - 117
2-Fluorophenol	0	X D	28 - 98
Phenol-d5	60	D	23 - 101
2,4,6-Tribromophenol	0	X D	37 - 114

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 720-168661/1-A

Matrix: Solid

Analysis Batch: 168849

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 168661

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Antimony	ND		0.50		mg/Kg		10/11/14 15:13	10/14/14 21:32	1
Arsenic	ND		1.0		mg/Kg		10/11/14 15:13	10/14/14 21:32	1
Beryllium	ND		0.10		mg/Kg		10/11/14 15:13	10/14/14 21:32	1
Cadmium	ND		0.13		mg/Kg		10/11/14 15:13	10/14/14 21:32	1
Chromium	ND		0.50		mg/Kg		10/11/14 15:13	10/14/14 21:32	1
Copper	ND		1.5		mg/Kg		10/11/14 15:13	10/14/14 21:32	1
Lead	ND		0.50		mg/Kg		10/11/14 15:13	10/14/14 21:32	1
Nickel	ND		0.50		mg/Kg		10/11/14 15:13	10/14/14 21:32	1
Selenium	ND		1.0		mg/Kg		10/11/14 15:13	10/14/14 21:32	1
Silver	ND		0.25		mg/Kg		10/11/14 15:13	10/14/14 21:32	1
Zinc	ND		1.5		mg/Kg		10/11/14 15:13	10/14/14 21:32	1

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60472-1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCS 720-168661/2-A

Matrix: Solid

Analysis Batch: 168849

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 168661

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	50.0	49.8		mg/Kg		100	80 - 120
Arsenic	50.0	51.0		mg/Kg		102	80 - 120
Beryllium	50.0	54.7		mg/Kg		109	80 - 120
Cadmium	50.0	51.0		mg/Kg		102	80 - 120
Chromium	50.0	52.1		mg/Kg		104	80 - 120
Copper	50.0	51.9		mg/Kg		104	80 - 120
Lead	50.0	52.6		mg/Kg		105	80 - 120
Nickel	50.0	52.2		mg/Kg		104	80 - 120
Selenium	50.0	50.3		mg/Kg		101	80 - 120
Silver	25.0	25.8		mg/Kg		103	80 - 120
Zinc	50.0	48.4		mg/Kg		97	80 - 120

Lab Sample ID: LCSD 720-168661/3-A

Matrix: Solid

Analysis Batch: 168849

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 168661

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Antimony	50.0	50.8		mg/Kg		102	80 - 120	2	20
Arsenic	50.0	52.5		mg/Kg		105	80 - 120	3	20
Beryllium	50.0	52.7		mg/Kg		105	80 - 120	4	20
Cadmium	50.0	52.0		mg/Kg		104	80 - 120	2	20
Chromium	50.0	53.5		mg/Kg		107	80 - 120	3	20
Copper	50.0	53.1		mg/Kg		106	80 - 120	2	20
Lead	50.0	53.5		mg/Kg		107	80 - 120	2	20
Nickel	50.0	53.1		mg/Kg		106	80 - 120	2	20
Selenium	50.0	51.6		mg/Kg		103	80 - 120	3	20
Silver	25.0	26.2		mg/Kg		105	80 - 120	2	20
Zinc	50.0	49.4		mg/Kg		99	80 - 120	2	20

Lab Sample ID: LCSSRM 720-168661/25-A

Matrix: Solid

Analysis Batch: 168849

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 168661

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	74.6	35.4		mg/Kg		47	11 - 101
Arsenic	45.5	45.6		mg/Kg		100	69 - 119
Beryllium	155	155		mg/Kg		100	56 - 102
Cadmium	201	197		mg/Kg		98	67 - 118
Chromium	106	105		mg/Kg		100	67 - 121
Copper	130	132		mg/Kg		101	68 - 126
Lead	302	289		mg/Kg		96	62 - 113
Nickel	305	297		mg/Kg		97	65 - 117
Selenium	133	134		mg/Kg		101	63 - 126
Silver	33.5	34.0		mg/Kg		101	51 - 130
Zinc	388	376		mg/Kg		97	62 - 110

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60472-1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 720-60487-A-1-D MS

Matrix: Solid

Analysis Batch: 168849

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 168661

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.	Limits
	Result	Qualifier	Added	Result	Qualifier					
Antimony	ND		45.9	15.8	F1	mg/Kg		32		75 - 125
Arsenic	7.0		45.9	57.6		mg/Kg		110		75 - 125
Beryllium	ND		45.9	55.2		mg/Kg		120		75 - 125
Cadmium	ND		45.9	50.2		mg/Kg		109		75 - 125
Chromium	63		45.9	121	F1	mg/Kg		126		75 - 125
Copper	36		45.9	90.5		mg/Kg		118		75 - 125
Lead	5.5		45.9	55.5		mg/Kg		109		75 - 125
Nickel	85		45.9	141		mg/Kg		122		75 - 125
Selenium	ND		45.9	50.1		mg/Kg		109		75 - 125
Silver	ND		22.9	27.0		mg/Kg		118		75 - 125
Zinc	50		45.9	94.0		mg/Kg		95		75 - 125

Lab Sample ID: 720-60487-A-1-E MSD

Matrix: Solid

Analysis Batch: 168849

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 168661

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	Limits	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier						RPD	Limit
Antimony	ND		36.2	10.2	F1 F2	mg/Kg		25		75 - 125	43	20
Arsenic	7.0		36.2	44.1	F2	mg/Kg		102		75 - 125	27	20
Beryllium	ND		36.2	41.6	F2	mg/Kg		114		75 - 125	28	20
Cadmium	ND		36.2	37.1	F2	mg/Kg		102		75 - 125	30	20
Chromium	63		36.2	102		mg/Kg		108		75 - 125	17	20
Copper	36		36.2	72.3	F2	mg/Kg		99		75 - 125	22	20
Lead	5.5		36.2	42.2	F2	mg/Kg		101		75 - 125	27	20
Nickel	85		36.2	123		mg/Kg		103		75 - 125	14	20
Selenium	ND		36.2	36.6	F2	mg/Kg		101		75 - 125	31	20
Silver	ND		18.1	20.0	F2	mg/Kg		110		75 - 125	30	20
Zinc	50		36.2	79.7		mg/Kg		81		75 - 125	16	20

Method: 7471A - Mercury (CVAA)

Lab Sample ID: MB 720-168831/1-A

Matrix: Solid

Analysis Batch: 168898

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 168831

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
	Result	Qualifier								
Mercury	ND		0.010		mg/Kg		10/14/14 21:04	10/15/14 13:21		1

Lab Sample ID: LCS 720-168831/2-A

Matrix: Solid

Analysis Batch: 168898

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 168831

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec.	Limits
Mercury	0.833	0.867		mg/Kg		104		80 - 120

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60472-1

Method: 7471A - Mercury (CVAA) (Continued)

Lab Sample ID: LCSD 720-168831/3-A

Matrix: Solid

Analysis Batch: 168898

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 168831

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.833	0.883		mg/Kg		106	80 - 120	2	20

Lab Sample ID: 720-60439-D-2-E MS

Matrix: Solid

Analysis Batch: 168898

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 168831

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.053		0.735	0.838		mg/Kg		107	75 - 125

Lab Sample ID: 720-60439-D-2-F MSD

Matrix: Solid

Analysis Batch: 168898

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 168831

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.053		0.725	0.833		mg/Kg		108	75 - 125	1	20

Method: SM 4500 CN E - Cyanide, Total

Lab Sample ID: MB 500-259347/1-A

Matrix: Solid

Analysis Batch: 259545

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 259347

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.50		mg/Kg		10/15/14 14:45	10/15/14 17:15	1

Lab Sample ID: LCS 500-259347/2-A

Matrix: Solid

Analysis Batch: 259545

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 259347

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	5.00	4.67		mg/Kg		93	80 - 120

Lab Sample ID: 720-60515-E-6-B MS

Matrix: Solid

Analysis Batch: 259545

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 259347

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	ND		1.98	1.87		mg/Kg		95	75 - 125

Lab Sample ID: 720-60515-E-6-C MSD

Matrix: Solid

Analysis Batch: 259545

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 259347

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cyanide, Total	ND		1.96	1.79		mg/Kg		91	75 - 125	4	20

TestAmerica Pleasanton

QC Association Summary

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60472-1

GC/MS VOA

Analysis Batch: 168573

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60472-1	PLSB-9-10	Total/NA	Solid	8260B	168626
720-60472-2	PLSB-9-19	Total/NA	Solid	8260B	168626
LCS 720-168573/5	Lab Control Sample	Total/NA	Solid	8260B	
LCS 720-168573/6	Lab Control Sample Dup	Total/NA	Solid	8260B	
MB 720-168573/4	Method Blank	Total/NA	Solid	8260B	

Prep Batch: 168626

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60472-1	PLSB-9-10	Total/NA	Solid	5035	
720-60472-2	PLSB-9-19	Total/NA	Solid	5035	

GC/MS Semi VOA

Prep Batch: 168633

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60441-A-14-B MS	Matrix Spike	Total/NA	Solid	3546	
720-60441-A-14-C MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	
720-60472-1	PLSB-9-10	Total/NA	Solid	3546	
720-60472-2	PLSB-9-19	Total/NA	Solid	3546	
LCS 720-168633/2-A	Lab Control Sample	Total/NA	Solid	3546	
MB 720-168633/1-A	Method Blank	Total/NA	Solid	3546	

Analysis Batch: 168691

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 720-168633/2-A	Lab Control Sample	Total/NA	Solid	8270C	168633
MB 720-168633/1-A	Method Blank	Total/NA	Solid	8270C	168633

Analysis Batch: 168855

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60441-A-14-B MS	Matrix Spike	Total/NA	Solid	8270C	168633
720-60441-A-14-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8270C	168633
720-60472-1	PLSB-9-10	Total/NA	Solid	8270C	168633
720-60472-2	PLSB-9-19	Total/NA	Solid	8270C	168633

Metals

Prep Batch: 168661

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60472-1	PLSB-9-10	Total/NA	Solid	3050B	
720-60472-2	PLSB-9-19	Total/NA	Solid	3050B	
720-60487-A-1-D MS	Matrix Spike	Total/NA	Solid	3050B	
720-60487-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	3050B	
LCS 720-168661/2-A	Lab Control Sample	Total/NA	Solid	3050B	
LCS 720-168661/3-A	Lab Control Sample Dup	Total/NA	Solid	3050B	
LCSSRM 720-168661/25-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 720-168661/1-A	Method Blank	Total/NA	Solid	3050B	

Prep Batch: 168831

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60439-D-2-E MS	Matrix Spike	Total/NA	Solid	7471A	

TestAmerica Pleasanton

QC Association Summary

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60472-1

Metals (Continued)

Prep Batch: 168831 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60439-D-2-F MSD	Matrix Spike Duplicate	Total/NA	Solid	7471A	
720-60472-1	PLSB-9-10	Total/NA	Solid	7471A	
720-60472-2	PLSB-9-19	Total/NA	Solid	7471A	
LCS 720-168831/2-A	Lab Control Sample	Total/NA	Solid	7471A	
LCSD 720-168831/3-A	Lab Control Sample Dup	Total/NA	Solid	7471A	
MB 720-168831/1-A	Method Blank	Total/NA	Solid	7471A	

Analysis Batch: 168849

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60472-2	PLSB-9-19	Total/NA	Solid	6010B	168661
720-60487-A-1-D MS	Matrix Spike	Total/NA	Solid	6010B	168661
720-60487-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	6010B	168661
LCS 720-168661/2-A	Lab Control Sample	Total/NA	Solid	6010B	168661
LCSD 720-168661/3-A	Lab Control Sample Dup	Total/NA	Solid	6010B	168661
LCSSRM 720-168661/25-A	Lab Control Sample	Total/NA	Solid	6010B	168661
MB 720-168661/1-A	Method Blank	Total/NA	Solid	6010B	168661

Analysis Batch: 168889

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60472-1	PLSB-9-10	Total/NA	Solid	6010B	168661

Analysis Batch: 168898

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60439-D-2-E MS	Matrix Spike	Total/NA	Solid	7471A	168831
720-60439-D-2-F MSD	Matrix Spike Duplicate	Total/NA	Solid	7471A	168831
720-60472-1	PLSB-9-10	Total/NA	Solid	7471A	168831
720-60472-2	PLSB-9-19	Total/NA	Solid	7471A	168831
LCS 720-168831/2-A	Lab Control Sample	Total/NA	Solid	7471A	168831
LCSD 720-168831/3-A	Lab Control Sample Dup	Total/NA	Solid	7471A	168831
MB 720-168831/1-A	Method Blank	Total/NA	Solid	7471A	168831

General Chemistry

Prep Batch: 259347

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60472-1	PLSB-9-10	Total/NA	Solid	Distill/CN	
720-60472-2	PLSB-9-19	Total/NA	Solid	Distill/CN	
720-60515-E-6-B MS	Matrix Spike	Total/NA	Solid	Distill/CN	
720-60515-E-6-C MSD	Matrix Spike Duplicate	Total/NA	Solid	Distill/CN	
LCS 500-259347/2-A	Lab Control Sample	Total/NA	Solid	Distill/CN	
MB 500-259347/1-A	Method Blank	Total/NA	Solid	Distill/CN	

Analysis Batch: 259545

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60472-1	PLSB-9-10	Total/NA	Solid	SM 4500 CN E	259347
720-60472-2	PLSB-9-19	Total/NA	Solid	SM 4500 CN E	259347
720-60515-E-6-B MS	Matrix Spike	Total/NA	Solid	SM 4500 CN E	259347
720-60515-E-6-C MSD	Matrix Spike Duplicate	Total/NA	Solid	SM 4500 CN E	259347
LCS 500-259347/2-A	Lab Control Sample	Total/NA	Solid	SM 4500 CN E	259347
MB 500-259347/1-A	Method Blank	Total/NA	Solid	SM 4500 CN E	259347

TestAmerica Pleasanton

Lab Chronicle

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60472-1

Client Sample ID: PLSB-9-10

Lab Sample ID: 720-60472-1

Date Collected: 10/08/14 15:52

Matrix: Solid

Date Received: 10/09/14 17:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			168626	10/09/14 21:52	LPL	TAL PLS
Total/NA	Analysis	8260B		1	168573	10/10/14 11:54	PDR	TAL PLS
Total/NA	Prep	3546			168633	10/10/14 16:44		TAL PLS
Total/NA	Analysis	8270C		1	168855	10/16/14 02:44	MQL	TAL PLS
Total/NA	Prep	3050B			168661	10/11/14 15:13	CTD	TAL PLS
Total/NA	Analysis	6010B		1	168889	10/15/14 13:47	EFH	TAL PLS
Total/NA	Prep	7471A			168831	10/14/14 21:04	ECT	TAL PLS
Total/NA	Analysis	7471A		1	168898	10/15/14 14:04	EFH	TAL PLS
Total/NA	Prep	Distill/CN			259347	10/15/14 14:45	EAT	TAL CHI
Total/NA	Analysis	SM 4500 CN E		1	259545		EAT	TAL CHI
						(Start) 10/15/14 17:16		
						(End) 10/15/14 17:17		

Client Sample ID: PLSB-9-19

Lab Sample ID: 720-60472-2

Date Collected: 10/08/14 15:41

Matrix: Solid

Date Received: 10/09/14 17:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			168626	10/09/14 21:52	LPL	TAL PLS
Total/NA	Analysis	8260B		1	168573	10/10/14 12:23	PDR	TAL PLS
Total/NA	Prep	3546			168633	10/10/14 16:44		TAL PLS
Total/NA	Analysis	8270C		1	168855	10/16/14 03:08	MQL	TAL PLS
Total/NA	Prep	3050B			168661	10/11/14 15:13	CTD	TAL PLS
Total/NA	Analysis	6010B		4	168849	10/14/14 23:33	SLK	TAL PLS
Total/NA	Prep	7471A			168831	10/14/14 21:04	ECT	TAL PLS
Total/NA	Analysis	7471A		1	168898	10/15/14 14:06	EFH	TAL PLS
Total/NA	Prep	Distill/CN			259347	10/15/14 14:45	EAT	TAL CHI
Total/NA	Analysis	SM 4500 CN E		1	259545		EAT	TAL CHI
						(Start) 10/15/14 17:17		
						(End) 10/15/14 17:17		

Laboratory References:

TAL CHI = TestAmerica Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

Certification Summary

Client: URS Corporation
 Project/Site: Philips San Jose

TestAmerica Job ID: 720-60472-1

Laboratory: TestAmerica Pleasanton

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

Authority	Program	EPA Region	Certification ID	Expiration Date
California	State Program	9	2496	01-31-16

Analysis Method	Prep Method	Matrix	Analyte

Laboratory: TestAmerica Chicago

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Alabama	State Program	4	40461	04-30-15
California	State Program	9	2903	04-30-15
Georgia	State Program	4	N/A	04-30-15
Georgia	State Program	4	939	04-30-15
Hawaii	State Program	9	N/A	04-30-15
Illinois	NELAP	5	100201	04-30-15
Indiana	State Program	5	C-IL-02	04-30-15
Iowa	State Program	7	82	05-01-16
Kansas	NELAP	7	E-10161	10-31-14 *
Kentucky (UST)	State Program	4	66	04-30-15
Kentucky (WW)	State Program	4	KY90023	12-31-14 *
Massachusetts	State Program	1	M-IL035	06-30-15
Mississippi	State Program	4	N/A	04-30-15
New York	NELAP	2	IL00035	03-31-15
North Carolina (WW/SW)	State Program	4	291	12-31-14 *
North Dakota	State Program	8	R-194	04-30-15
Oklahoma	State Program	6	8908	08-31-15
South Carolina	State Program	4	77001	04-30-15
USDA	Federal		P330-12-00038	02-06-15
Wisconsin	State Program	5	999580010	08-31-15 *
Wyoming	State Program	8	8TMS-Q	04-30-15

* Certification renewal pending - certification considered valid.

Method Summary

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60472-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL PLS
8270C	Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	SW846	TAL PLS
6010B	Metals (ICP)	SW846	TAL PLS
7471A	Mercury (CVAA)	SW846	TAL PLS
SM 4500 CN E	Cyanide, Total	SM	TAL CHI

Protocol References:

SM = "Standard Methods For The Examination Of Water And Wastewater",

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

Laboratory References:

TAL CHI = TestAmerica Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919



Sample Summary

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60472-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-60472-1	PLSB-9-10	Solid	10/08/14 15:52	10/09/14 17:45
720-60472-2	PLSB-9-19	Solid	10/08/14 15:41	10/09/14 17:45

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TestAmerica

TESTAMERICA ENVIRONMENTAL SERVICES

720-604772

TESTAMERICA Pleasanton Chain of Custody
 1220 Quarry Lane • Pleasanton CA 94566-4756
 Phone: (925) 484-1919 • Fax: (925) 600-3002

Reference #: 150820

Date: 10/9/14 Page 1 of 1

Report To

Analysis Request

Attn: ERIC SKER
 Company: URS Corp.
 Address: One Montrossway St #900 SF CA 94104
 Email: ERIC.SKER@URS.COM
 Bill To:
 Sampled By: RS/ES
 Attn: Phone: 415-243-3245

Sample ID	Date	Time	Mat	Preserv
<u>2589-10</u>	<u>10/9/14</u>	<u>1552</u>	<u>S</u>	<u>MeOH</u>
<u>258-9-19</u>	<u>10/8/14</u>	<u>1541</u>	<u>S</u>	<u>MeOH</u>



Project Info.

Project Name/ #: _____
 # of Containers: _____

Head Space: _____
 Temp: 9.1/1.4°C

Credit Card V/I/N: _____
 If Yes, please call with payment information ASAP

T	10 Day	5 Day	4 Day	3 Day	2 Day	1 Day	Other:
A							

Report: Routine Level 3 Level 4 EDD EDF
 Special Instructions / Comments: Global ID
#Cadmium, #Copper, #Lead, #Mercury, #Nickel, #Chromium (Total), #Copper, #Lead, #Mercury, #Nickel, #Selenium, #Silver, #Zinc
 See Terms and Conditions on Reverse

<input checked="" type="checkbox"/> Volatile Organics GC/MS (VOCs) EPA 8260B	HVOCs by <input type="checkbox"/> EPA 8260B	EPA 8260B: <input type="checkbox"/> Gas <input type="checkbox"/> BTEX <input type="checkbox"/> 5 Oxygenates <input type="checkbox"/> DCA, EDB <input type="checkbox"/> Ethanol	TEPH EPA 8015B <input type="checkbox"/> Silica Gel <input type="checkbox"/> Diesel <input type="checkbox"/> Motor Oil <input type="checkbox"/> Other	SemiVolatile Organics GC/MS EPA 8270C	PNA/PAH's by <input type="checkbox"/> 8270C <input type="checkbox"/> 8270C SIM	Oil and Grease (EPA 1664/9071) <input type="checkbox"/> Petroleum <input type="checkbox"/> Total	Pesticides <input type="checkbox"/> EPA 8081 <input type="checkbox"/> PCBs <input type="checkbox"/> EPA 8082	CAM17 Metals (EPA 6010/7470/7471)	Metals: <input type="checkbox"/> 6010B <input type="checkbox"/> 200.7 <input type="checkbox"/> Lead <input type="checkbox"/> LUFT <input type="checkbox"/> RCRA <input type="checkbox"/> Other: <u>see Spec. Instructions</u>	Metals: <input type="checkbox"/> 6020 <input type="checkbox"/> 200.8 (ICP-MS):	<input type="checkbox"/> W.E.T (STLC) <input type="checkbox"/> W.E.T (DI) <input type="checkbox"/> TCLP	Hex. Chrom by <input type="checkbox"/> EPA 7196 <input type="checkbox"/> or EPA 7199	pH <input type="checkbox"/> 9040 <input type="checkbox"/> SM4500	<input type="checkbox"/> Spec. Cond. <input type="checkbox"/> Alkalinity <input type="checkbox"/> TSS <input type="checkbox"/> SS <input type="checkbox"/> TDS	Anions: <input type="checkbox"/> Cl <input type="checkbox"/> SO ₄ <input type="checkbox"/> NO ₃ <input type="checkbox"/> F <input type="checkbox"/> Br <input type="checkbox"/> NO ₂ <input type="checkbox"/> PO ₄	<input type="checkbox"/> Perchlorate by EPA 314.0	COD <input type="checkbox"/> EPA 410.4 <input type="checkbox"/> SM5220D <input type="checkbox"/> Turbidity	<u>Cyanide</u>		
				<u>XX</u>					<u>XX</u>										<u>XX</u>	

1) Relinquished by:

Signature: [Signature] Time: 1430
 Printed Name: Erin Bowers Date: 10/9/14
 Company: URS

2) Relinquished by:

Signature: EMAL Time: 1745
 Printed Name: EMAL Date: 10/9/14
 Company: DCS

3) Relinquished by:

Signature: _____ Time: _____
 Printed Name: _____ Date: _____
 Company: _____

1) Received by:

Signature: EMAL Time: 1430
 Printed Name: EMAL Date: 10/9/14
 Company: DCS

2) Received by:

Signature: [Signature] Time: 1745
 Printed Name: [Signature] Date: 10/9/14
 Company: [Signature]

3) Received by:

Signature: _____ Time: _____
 Printed Name: _____ Date: _____
 Company: _____

Login Sample Receipt Checklist

Client: URS Corporation

Job Number: 720-60472-1

Login Number: 60472

List Source: TestAmerica Pleasanton

List Number: 1

Creator: Bullock, Tracy

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
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 containers received 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.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



Login Sample Receipt Checklist

Client: URS Corporation

Job Number: 720-60472-1

Login Number: 60472

List Number: 2

Creator: Lunt, Jeff T

List Source: TestAmerica Chicago

List Creation: 10/11/14 12:09 PM

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are 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 containers received 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	
Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	



TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Pleasanton
1220 Quarry Lane
Pleasanton, CA 94566
Tel: (925)484-1919

TestAmerica Job ID: 720-60421-1
Client Project/Site: Philips San Jose

For:
URS Corporation
One Montgomery Street
Suite 900
San Francisco, California 94104-4538

Attn: Mr. Erik Skov



Authorized for release by:
10/13/2014 5:18:30 PM

Afsaneh Salimpour, Senior Project Manager
(925)484-1919
afsaneh.salimpour@testamericainc.com

LINKS

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results through
TotalAccess

Have a Question?



Visit us at:
www.testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60421-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
X	Surrogate is outside control limits

GC Semi VOA

Qualifier	Qualifier Description
D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.
X	Surrogate is outside control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	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: Philips San Jose

TestAmerica Job ID: 720-60421-1

Job ID: 720-60421-1

Laboratory: TestAmerica Pleasanton

Narrative

Job Narrative 720-60421-1

Comments

No additional comments.

Receipt

The samples were received on 10/7/2014 5:45 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 2.0° C and 5.3° C.

Except:

Received 1 sample not listed on coc PLSB-3-14.5. Logged on hold.

GC/MS VOA

Method(s) 8260B: Surrogate recovery for the following sample 720-60421-45 was outside control limits: PLSB-3-10' (720-60421-45). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

GC/MS Semi VOA

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

GC Semi VOA

Method(s) 8015B: The following sample(s) required a dilution due to the nature of the sample matrix: PLSB-2-12' (720-60421-32), PLSB-3-10' (720-60421-45). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

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

Metals

Method(s) 6010B: The following sample(s) was diluted due to the abundance of non-target analyte Ca: PLSB-5-10' (720-60421-17). 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.

General Chemistry

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

Organic Prep

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

Detection Summary

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60421-1

Client Sample ID: PLSB-1-10'

Lab Sample ID: 720-60421-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	1.2		1.0		mg/Kg	1		8015B	Total/NA

Client Sample ID: PLSB-1-15'

Lab Sample ID: 720-60421-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	1.5		0.99		mg/Kg	1		8015B	Total/NA

Client Sample ID: PLSB-5-10'

Lab Sample ID: 720-60421-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium	55		1.8		mg/Kg	4		6010B	Total/NA
Copper	27		5.3		mg/Kg	4		6010B	Total/NA
Lead	4.8		1.8		mg/Kg	4		6010B	Total/NA
Nickel	82		1.8		mg/Kg	4		6010B	Total/NA
Zinc	38		5.3		mg/Kg	4		6010B	Total/NA
Mercury	0.097		0.0091		mg/Kg	1		7471A	Total/NA

Client Sample ID: PLSB-5-15'

Lab Sample ID: 720-60421-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	1.8		0.71		mg/Kg	1		6010B	Total/NA
Beryllium	0.075		0.071		mg/Kg	1		6010B	Total/NA
Cadmium	0.17		0.089		mg/Kg	1		6010B	Total/NA
Chromium	38		0.36		mg/Kg	1		6010B	Total/NA
Copper	16		1.1		mg/Kg	1		6010B	Total/NA
Lead	3.0		0.36		mg/Kg	1		6010B	Total/NA
Nickel	43		0.36		mg/Kg	1		6010B	Total/NA
Zinc	29		1.1		mg/Kg	1		6010B	Total/NA
Mercury	0.035		0.0095		mg/Kg	1		7471A	Total/NA

Client Sample ID: PLSB-2-8'

Lab Sample ID: 720-60421-29

No Detections.

Client Sample ID: PLSB-2-12'

Lab Sample ID: 720-60421-32

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	430		5.0		mg/Kg	5		8015B	Total/NA

Client Sample ID: PLSB-3-10'

Lab Sample ID: 720-60421-45

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	1100		10		mg/Kg	10		8015B	Total/NA

Client Sample ID: PLSB-3-24'

Lab Sample ID: 720-60421-50

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	2.1		0.99		mg/Kg	1		8015B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
 Project/Site: Philips San Jose

TestAmerica Job ID: 720-60421-1

Client Sample ID: PLSB-1-10'

Lab Sample ID: 720-60421-3

Date Collected: 10/07/14 08:45

Matrix: Solid

Date Received: 10/07/14 17:45

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		3.5		ug/Kg		10/08/14 12:30	10/09/14 22:46	1
Benzene	ND		3.5		ug/Kg		10/08/14 12:30	10/09/14 22:46	1
Ethylbenzene	ND		3.5		ug/Kg		10/08/14 12:30	10/09/14 22:46	1
Toluene	ND		3.5		ug/Kg		10/08/14 12:30	10/09/14 22:46	1
Xylenes, Total	ND		7.0		ug/Kg		10/08/14 12:30	10/09/14 22:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	96		45 - 131	10/08/14 12:30	10/09/14 22:46	1
1,2-Dichloroethane-d4 (Surr)	100		60 - 140	10/08/14 12:30	10/09/14 22:46	1
Toluene-d8 (Surr)	89		58 - 140	10/08/14 12:30	10/09/14 22:46	1

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	1.2		1.0		mg/Kg		10/09/14 09:48	10/10/14 00:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
p-Terphenyl	92		40 - 130	10/09/14 09:48	10/10/14 00:40	1

Client Sample Results

Client: URS Corporation
 Project/Site: Philips San Jose

TestAmerica Job ID: 720-60421-1

Client Sample ID: PLSB-1-15'

Lab Sample ID: 720-60421-6

Date Collected: 10/07/14 08:50

Matrix: Solid

Date Received: 10/07/14 17:45

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		3.6		ug/Kg		10/08/14 12:30	10/09/14 23:16	1
Benzene	ND		3.6		ug/Kg		10/08/14 12:30	10/09/14 23:16	1
Ethylbenzene	ND		3.6		ug/Kg		10/08/14 12:30	10/09/14 23:16	1
Toluene	ND		3.6		ug/Kg		10/08/14 12:30	10/09/14 23:16	1
Xylenes, Total	ND		7.3		ug/Kg		10/08/14 12:30	10/09/14 23:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	94		45 - 131	10/08/14 12:30	10/09/14 23:16	1
1,2-Dichloroethane-d4 (Surr)	103		60 - 140	10/08/14 12:30	10/09/14 23:16	1
Toluene-d8 (Surr)	87		58 - 140	10/08/14 12:30	10/09/14 23:16	1

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	1.5		0.99		mg/Kg		10/09/14 09:48	10/10/14 01:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
p-Terphenyl	89		40 - 130	10/09/14 09:48	10/10/14 01:09	1

Client Sample Results

Client: URS Corporation
 Project/Site: Philips San Jose

TestAmerica Job ID: 720-60421-1

Client Sample ID: PLSB-5-10'

Lab Sample ID: 720-60421-17

Date Collected: 10/07/14 10:40

Matrix: Solid

Date Received: 10/07/14 17:45

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		3.5		ug/Kg		10/08/14 12:30	10/09/14 23:46	1
Acetone	ND		35		ug/Kg		10/08/14 12:30	10/09/14 23:46	1
Benzene	ND		3.5		ug/Kg		10/08/14 12:30	10/09/14 23:46	1
Dichlorobromomethane	ND		3.5		ug/Kg		10/08/14 12:30	10/09/14 23:46	1
Bromobenzene	ND		3.5		ug/Kg		10/08/14 12:30	10/09/14 23:46	1
Chlorobromomethane	ND		14		ug/Kg		10/08/14 12:30	10/09/14 23:46	1
Bromoform	ND		3.5		ug/Kg		10/08/14 12:30	10/09/14 23:46	1
Bromomethane	ND		7.0		ug/Kg		10/08/14 12:30	10/09/14 23:46	1
2-Butanone (MEK)	ND		35		ug/Kg		10/08/14 12:30	10/09/14 23:46	1
n-Butylbenzene	ND		3.5		ug/Kg		10/08/14 12:30	10/09/14 23:46	1
sec-Butylbenzene	ND		3.5		ug/Kg		10/08/14 12:30	10/09/14 23:46	1
tert-Butylbenzene	ND		3.5		ug/Kg		10/08/14 12:30	10/09/14 23:46	1
Carbon disulfide	ND		3.5		ug/Kg		10/08/14 12:30	10/09/14 23:46	1
Carbon tetrachloride	ND		3.5		ug/Kg		10/08/14 12:30	10/09/14 23:46	1
Chlorobenzene	ND		3.5		ug/Kg		10/08/14 12:30	10/09/14 23:46	1
Chloroethane	ND		7.0		ug/Kg		10/08/14 12:30	10/09/14 23:46	1
Chloroform	ND		3.5		ug/Kg		10/08/14 12:30	10/09/14 23:46	1
Chloromethane	ND		7.0		ug/Kg		10/08/14 12:30	10/09/14 23:46	1
2-Chlorotoluene	ND		3.5		ug/Kg		10/08/14 12:30	10/09/14 23:46	1
4-Chlorotoluene	ND		3.5		ug/Kg		10/08/14 12:30	10/09/14 23:46	1
Chlorodibromomethane	ND		3.5		ug/Kg		10/08/14 12:30	10/09/14 23:46	1
1,2-Dichlorobenzene	ND		3.5		ug/Kg		10/08/14 12:30	10/09/14 23:46	1
1,3-Dichlorobenzene	ND		3.5		ug/Kg		10/08/14 12:30	10/09/14 23:46	1
1,4-Dichlorobenzene	ND		3.5		ug/Kg		10/08/14 12:30	10/09/14 23:46	1
1,3-Dichloropropane	ND		3.5		ug/Kg		10/08/14 12:30	10/09/14 23:46	1
1,1-Dichloropropene	ND		3.5		ug/Kg		10/08/14 12:30	10/09/14 23:46	1
1,2-Dibromo-3-Chloropropane	ND		7.0		ug/Kg		10/08/14 12:30	10/09/14 23:46	1
Ethylene Dibromide	ND		3.5		ug/Kg		10/08/14 12:30	10/09/14 23:46	1
Dibromomethane	ND		7.0		ug/Kg		10/08/14 12:30	10/09/14 23:46	1
Dichlorodifluoromethane	ND		7.0		ug/Kg		10/08/14 12:30	10/09/14 23:46	1
1,1-Dichloroethane	ND		3.5		ug/Kg		10/08/14 12:30	10/09/14 23:46	1
1,2-Dichloroethane	ND		3.5		ug/Kg		10/08/14 12:30	10/09/14 23:46	1
1,1-Dichloroethene	ND		3.5		ug/Kg		10/08/14 12:30	10/09/14 23:46	1
cis-1,2-Dichloroethene	ND		3.5		ug/Kg		10/08/14 12:30	10/09/14 23:46	1
trans-1,2-Dichloroethene	ND		3.5		ug/Kg		10/08/14 12:30	10/09/14 23:46	1
1,2-Dichloropropane	ND		3.5		ug/Kg		10/08/14 12:30	10/09/14 23:46	1
cis-1,3-Dichloropropene	ND		3.5		ug/Kg		10/08/14 12:30	10/09/14 23:46	1
trans-1,3-Dichloropropene	ND		3.5		ug/Kg		10/08/14 12:30	10/09/14 23:46	1
Ethylbenzene	ND		3.5		ug/Kg		10/08/14 12:30	10/09/14 23:46	1
Hexachlorobutadiene	ND		3.5		ug/Kg		10/08/14 12:30	10/09/14 23:46	1
2-Hexanone	ND		35		ug/Kg		10/08/14 12:30	10/09/14 23:46	1
Isopropylbenzene	ND		3.5		ug/Kg		10/08/14 12:30	10/09/14 23:46	1
4-Isopropyltoluene	ND		3.5		ug/Kg		10/08/14 12:30	10/09/14 23:46	1
Methylene Chloride	ND		7.0		ug/Kg		10/08/14 12:30	10/09/14 23:46	1
4-Methyl-2-pentanone (MIBK)	ND		35		ug/Kg		10/08/14 12:30	10/09/14 23:46	1
Naphthalene	ND		7.0		ug/Kg		10/08/14 12:30	10/09/14 23:46	1
N-Propylbenzene	ND		3.5		ug/Kg		10/08/14 12:30	10/09/14 23:46	1
Styrene	ND		3.5		ug/Kg		10/08/14 12:30	10/09/14 23:46	1
1,1,1,2-Tetrachloroethane	ND		3.5		ug/Kg		10/08/14 12:30	10/09/14 23:46	1

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60421-1

Client Sample ID: PLSB-5-10'

Lab Sample ID: 720-60421-17

Date Collected: 10/07/14 10:40

Matrix: Solid

Date Received: 10/07/14 17:45

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		3.5		ug/Kg		10/08/14 12:30	10/09/14 23:46	1
Tetrachloroethene	ND		3.5		ug/Kg		10/08/14 12:30	10/09/14 23:46	1
Toluene	ND		3.5		ug/Kg		10/08/14 12:30	10/09/14 23:46	1
1,2,3-Trichlorobenzene	ND		3.5		ug/Kg		10/08/14 12:30	10/09/14 23:46	1
1,2,4-Trichlorobenzene	ND		3.5		ug/Kg		10/08/14 12:30	10/09/14 23:46	1
1,1,1-Trichloroethane	ND		3.5		ug/Kg		10/08/14 12:30	10/09/14 23:46	1
1,1,2-Trichloroethane	ND		3.5		ug/Kg		10/08/14 12:30	10/09/14 23:46	1
Trichloroethene	ND		3.5		ug/Kg		10/08/14 12:30	10/09/14 23:46	1
Trichlorofluoromethane	ND		3.5		ug/Kg		10/08/14 12:30	10/09/14 23:46	1
1,2,3-Trichloropropane	ND		3.5		ug/Kg		10/08/14 12:30	10/09/14 23:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		3.5		ug/Kg		10/08/14 12:30	10/09/14 23:46	1
1,2,4-Trimethylbenzene	ND		3.5		ug/Kg		10/08/14 12:30	10/09/14 23:46	1
1,3,5-Trimethylbenzene	ND		3.5		ug/Kg		10/08/14 12:30	10/09/14 23:46	1
Vinyl acetate	ND		14		ug/Kg		10/08/14 12:30	10/09/14 23:46	1
Vinyl chloride	ND		3.5		ug/Kg		10/08/14 12:30	10/09/14 23:46	1
Xylenes, Total	ND		7.0		ug/Kg		10/08/14 12:30	10/09/14 23:46	1
2,2-Dichloropropane	ND		3.5		ug/Kg		10/08/14 12:30	10/09/14 23:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	99		45 - 131	10/08/14 12:30	10/09/14 23:46	1
1,2-Dichloroethane-d4 (Surr)	106		60 - 140	10/08/14 12:30	10/09/14 23:46	1
Toluene-d8 (Surr)	87		58 - 140	10/08/14 12:30	10/09/14 23:46	1

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		0.066		mg/Kg		10/08/14 18:49	10/10/14 15:13	1
Bis(2-chloroethyl)ether	ND		0.066		mg/Kg		10/08/14 18:49	10/10/14 15:13	1
2-Chlorophenol	ND		0.066		mg/Kg		10/08/14 18:49	10/10/14 15:13	1
1,3-Dichlorobenzene	ND		0.066		mg/Kg		10/08/14 18:49	10/10/14 15:13	1
1,4-Dichlorobenzene	ND		0.066		mg/Kg		10/08/14 18:49	10/10/14 15:13	1
Benzyl alcohol	ND		0.17		mg/Kg		10/08/14 18:49	10/10/14 15:13	1
1,2-Dichlorobenzene	ND		0.066		mg/Kg		10/08/14 18:49	10/10/14 15:13	1
2-Methylphenol	ND		0.066		mg/Kg		10/08/14 18:49	10/10/14 15:13	1
Methylphenol, 3 & 4	ND		0.066		mg/Kg		10/08/14 18:49	10/10/14 15:13	1
N-Nitrosodi-n-propylamine	ND		0.066		mg/Kg		10/08/14 18:49	10/10/14 15:13	1
Hexachloroethane	ND		0.066		mg/Kg		10/08/14 18:49	10/10/14 15:13	1
Nitrobenzene	ND		0.066		mg/Kg		10/08/14 18:49	10/10/14 15:13	1
Isophorone	ND		0.066		mg/Kg		10/08/14 18:49	10/10/14 15:13	1
2-Nitrophenol	ND		0.066		mg/Kg		10/08/14 18:49	10/10/14 15:13	1
2,4-Dimethylphenol	ND		0.066		mg/Kg		10/08/14 18:49	10/10/14 15:13	1
Bis(2-chloroethoxy)methane	ND		0.17		mg/Kg		10/08/14 18:49	10/10/14 15:13	1
2,4-Dichlorophenol	ND		0.33		mg/Kg		10/08/14 18:49	10/10/14 15:13	1
1,2,4-Trichlorobenzene	ND		0.066		mg/Kg		10/08/14 18:49	10/10/14 15:13	1
Naphthalene	ND		0.066		mg/Kg		10/08/14 18:49	10/10/14 15:13	1
4-Chloroaniline	ND		0.17		mg/Kg		10/08/14 18:49	10/10/14 15:13	1
Hexachlorobutadiene	ND		0.066		mg/Kg		10/08/14 18:49	10/10/14 15:13	1
4-Chloro-3-methylphenol	ND		0.17		mg/Kg		10/08/14 18:49	10/10/14 15:13	1
2-Methylnaphthalene	ND		0.066		mg/Kg		10/08/14 18:49	10/10/14 15:13	1
Hexachlorocyclopentadiene	ND		0.17		mg/Kg		10/08/14 18:49	10/10/14 15:13	1
2,4,6-Trichlorophenol	ND		0.17		mg/Kg		10/08/14 18:49	10/10/14 15:13	1

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60421-1

Client Sample ID: PLSB-5-10'

Lab Sample ID: 720-60421-17

Date Collected: 10/07/14 10:40

Matrix: Solid

Date Received: 10/07/14 17:45

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		0.066		mg/Kg		10/08/14 18:49	10/10/14 15:13	1
2-Chloronaphthalene	ND		0.066		mg/Kg		10/08/14 18:49	10/10/14 15:13	1
2-Nitroaniline	ND		0.33		mg/Kg		10/08/14 18:49	10/10/14 15:13	1
Dimethyl phthalate	ND		0.17		mg/Kg		10/08/14 18:49	10/10/14 15:13	1
Acenaphthylene	ND		0.066		mg/Kg		10/08/14 18:49	10/10/14 15:13	1
3-Nitroaniline	ND		0.17		mg/Kg		10/08/14 18:49	10/10/14 15:13	1
Acenaphthene	ND		0.066		mg/Kg		10/08/14 18:49	10/10/14 15:13	1
2,4-Dinitrophenol	ND		0.65		mg/Kg		10/08/14 18:49	10/10/14 15:13	1
4-Nitrophenol	ND		0.33		mg/Kg		10/08/14 18:49	10/10/14 15:13	1
Dibenzofuran	ND		0.066		mg/Kg		10/08/14 18:49	10/10/14 15:13	1
2,4-Dinitrotoluene	ND		0.066		mg/Kg		10/08/14 18:49	10/10/14 15:13	1
2,6-Dinitrotoluene	ND		0.066		mg/Kg		10/08/14 18:49	10/10/14 15:13	1
Diethyl phthalate	ND		0.17		mg/Kg		10/08/14 18:49	10/10/14 15:13	1
4-Chlorophenyl phenyl ether	ND		0.17		mg/Kg		10/08/14 18:49	10/10/14 15:13	1
Fluorene	ND		0.066		mg/Kg		10/08/14 18:49	10/10/14 15:13	1
4-Nitroaniline	ND		0.33		mg/Kg		10/08/14 18:49	10/10/14 15:13	1
2-Methyl-4,6-dinitrophenol	ND		0.33		mg/Kg		10/08/14 18:49	10/10/14 15:13	1
N-Nitrosodiphenylamine	ND		0.066		mg/Kg		10/08/14 18:49	10/10/14 15:13	1
4-Bromophenyl phenyl ether	ND		0.17		mg/Kg		10/08/14 18:49	10/10/14 15:13	1
Hexachlorobenzene	ND		0.066		mg/Kg		10/08/14 18:49	10/10/14 15:13	1
Pentachlorophenol	ND		0.33		mg/Kg		10/08/14 18:49	10/10/14 15:13	1
Phenanthrene	ND		0.066		mg/Kg		10/08/14 18:49	10/10/14 15:13	1
Anthracene	ND		0.066		mg/Kg		10/08/14 18:49	10/10/14 15:13	1
Di-n-butyl phthalate	ND		0.17		mg/Kg		10/08/14 18:49	10/10/14 15:13	1
Fluoranthene	ND		0.066		mg/Kg		10/08/14 18:49	10/10/14 15:13	1
Pyrene	ND		0.066		mg/Kg		10/08/14 18:49	10/10/14 15:13	1
Butyl benzyl phthalate	ND		0.17		mg/Kg		10/08/14 18:49	10/10/14 15:13	1
3,3'-Dichlorobenzidine	ND		0.17		mg/Kg		10/08/14 18:49	10/10/14 15:13	1
Benzo[a]anthracene	ND		0.33		mg/Kg		10/08/14 18:49	10/10/14 15:13	1
Bis(2-ethylhexyl) phthalate	ND		0.33		mg/Kg		10/08/14 18:49	10/10/14 15:13	1
Chrysene	ND		0.066		mg/Kg		10/08/14 18:49	10/10/14 15:13	1
Di-n-octyl phthalate	ND		0.17		mg/Kg		10/08/14 18:49	10/10/14 15:13	1
Benzo[b]fluoranthene	ND		0.066		mg/Kg		10/08/14 18:49	10/10/14 15:13	1
Benzo[a]pyrene	ND		0.066		mg/Kg		10/08/14 18:49	10/10/14 15:13	1
Benzo[k]fluoranthene	ND		0.066		mg/Kg		10/08/14 18:49	10/10/14 15:13	1
Indeno[1,2,3-cd]pyrene	ND		0.066		mg/Kg		10/08/14 18:49	10/10/14 15:13	1
Benzo[g,h,i]perylene	ND		0.066		mg/Kg		10/08/14 18:49	10/10/14 15:13	1
Benzoic acid	ND		0.33		mg/Kg		10/08/14 18:49	10/10/14 15:13	1
Azobenzene	ND		0.066		mg/Kg		10/08/14 18:49	10/10/14 15:13	1
Dibenz(a,h)anthracene	ND		0.066		mg/Kg		10/08/14 18:49	10/10/14 15:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	74		21 - 98	10/08/14 18:49	10/10/14 15:13	1
2-Fluorobiphenyl	69		30 - 112	10/08/14 18:49	10/10/14 15:13	1
Terphenyl-d14	86		32 - 117	10/08/14 18:49	10/10/14 15:13	1
2-Fluorophenol	51		28 - 98	10/08/14 18:49	10/10/14 15:13	1
Phenol-d5	50		23 - 101	10/08/14 18:49	10/10/14 15:13	1
2,4,6-Tribromophenol	51		37 - 114	10/08/14 18:49	10/10/14 15:13	1

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60421-1

Client Sample ID: PLSB-5-10'

Lab Sample ID: 720-60421-17

Date Collected: 10/07/14 10:40

Matrix: Solid

Date Received: 10/07/14 17:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.8		mg/Kg		10/08/14 19:38	10/10/14 18:16	4
Arsenic	ND		3.5		mg/Kg		10/08/14 19:38	10/10/14 18:16	4
Beryllium	ND		0.35		mg/Kg		10/08/14 19:38	10/10/14 18:16	4
Cadmium	ND		0.44		mg/Kg		10/08/14 19:38	10/10/14 18:16	4
Chromium	55		1.8		mg/Kg		10/08/14 19:38	10/10/14 18:16	4
Copper	27		5.3		mg/Kg		10/08/14 19:38	10/10/14 18:16	4
Lead	4.8		1.8		mg/Kg		10/08/14 19:38	10/10/14 18:16	4
Nickel	82		1.8		mg/Kg		10/08/14 19:38	10/10/14 18:16	4
Selenium	ND		3.5		mg/Kg		10/08/14 19:38	10/10/14 18:16	4
Silver	ND		0.88		mg/Kg		10/08/14 19:38	10/10/14 18:16	4
Zinc	38		5.3		mg/Kg		10/08/14 19:38	10/10/14 18:16	4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.097		0.0091		mg/Kg		10/09/14 14:51	10/13/14 14:20	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.46		mg/Kg		10/10/14 13:00	10/11/14 12:56	1

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60421-1

Client Sample ID: PLSB-5-15'

Lab Sample ID: 720-60421-20

Date Collected: 10/07/14 10:48

Matrix: Solid

Date Received: 10/07/14 17:45

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		3.5		ug/Kg		10/08/14 12:30	10/10/14 00:15	1
Acetone	ND		35		ug/Kg		10/08/14 12:30	10/10/14 00:15	1
Benzene	ND		3.5		ug/Kg		10/08/14 12:30	10/10/14 00:15	1
Dichlorobromomethane	ND		3.5		ug/Kg		10/08/14 12:30	10/10/14 00:15	1
Bromobenzene	ND		3.5		ug/Kg		10/08/14 12:30	10/10/14 00:15	1
Chlorobromomethane	ND		14		ug/Kg		10/08/14 12:30	10/10/14 00:15	1
Bromoform	ND		3.5		ug/Kg		10/08/14 12:30	10/10/14 00:15	1
Bromomethane	ND		7.0		ug/Kg		10/08/14 12:30	10/10/14 00:15	1
2-Butanone (MEK)	ND		35		ug/Kg		10/08/14 12:30	10/10/14 00:15	1
n-Butylbenzene	ND		3.5		ug/Kg		10/08/14 12:30	10/10/14 00:15	1
sec-Butylbenzene	ND		3.5		ug/Kg		10/08/14 12:30	10/10/14 00:15	1
tert-Butylbenzene	ND		3.5		ug/Kg		10/08/14 12:30	10/10/14 00:15	1
Carbon disulfide	ND		3.5		ug/Kg		10/08/14 12:30	10/10/14 00:15	1
Carbon tetrachloride	ND		3.5		ug/Kg		10/08/14 12:30	10/10/14 00:15	1
Chlorobenzene	ND		3.5		ug/Kg		10/08/14 12:30	10/10/14 00:15	1
Chloroethane	ND		7.0		ug/Kg		10/08/14 12:30	10/10/14 00:15	1
Chloroform	ND		3.5		ug/Kg		10/08/14 12:30	10/10/14 00:15	1
Chloromethane	ND		7.0		ug/Kg		10/08/14 12:30	10/10/14 00:15	1
2-Chlorotoluene	ND		3.5		ug/Kg		10/08/14 12:30	10/10/14 00:15	1
4-Chlorotoluene	ND		3.5		ug/Kg		10/08/14 12:30	10/10/14 00:15	1
Chlorodibromomethane	ND		3.5		ug/Kg		10/08/14 12:30	10/10/14 00:15	1
1,2-Dichlorobenzene	ND		3.5		ug/Kg		10/08/14 12:30	10/10/14 00:15	1
1,3-Dichlorobenzene	ND		3.5		ug/Kg		10/08/14 12:30	10/10/14 00:15	1
1,4-Dichlorobenzene	ND		3.5		ug/Kg		10/08/14 12:30	10/10/14 00:15	1
1,3-Dichloropropane	ND		3.5		ug/Kg		10/08/14 12:30	10/10/14 00:15	1
1,1-Dichloropropene	ND		3.5		ug/Kg		10/08/14 12:30	10/10/14 00:15	1
1,2-Dibromo-3-Chloropropane	ND		7.0		ug/Kg		10/08/14 12:30	10/10/14 00:15	1
Ethylene Dibromide	ND		3.5		ug/Kg		10/08/14 12:30	10/10/14 00:15	1
Dibromomethane	ND		7.0		ug/Kg		10/08/14 12:30	10/10/14 00:15	1
Dichlorodifluoromethane	ND		7.0		ug/Kg		10/08/14 12:30	10/10/14 00:15	1
1,1-Dichloroethane	ND		3.5		ug/Kg		10/08/14 12:30	10/10/14 00:15	1
1,2-Dichloroethane	ND		3.5		ug/Kg		10/08/14 12:30	10/10/14 00:15	1
1,1-Dichloroethene	ND		3.5		ug/Kg		10/08/14 12:30	10/10/14 00:15	1
cis-1,2-Dichloroethene	ND		3.5		ug/Kg		10/08/14 12:30	10/10/14 00:15	1
trans-1,2-Dichloroethene	ND		3.5		ug/Kg		10/08/14 12:30	10/10/14 00:15	1
1,2-Dichloropropane	ND		3.5		ug/Kg		10/08/14 12:30	10/10/14 00:15	1
cis-1,3-Dichloropropene	ND		3.5		ug/Kg		10/08/14 12:30	10/10/14 00:15	1
trans-1,3-Dichloropropene	ND		3.5		ug/Kg		10/08/14 12:30	10/10/14 00:15	1
Ethylbenzene	ND		3.5		ug/Kg		10/08/14 12:30	10/10/14 00:15	1
Hexachlorobutadiene	ND		3.5		ug/Kg		10/08/14 12:30	10/10/14 00:15	1
2-Hexanone	ND		35		ug/Kg		10/08/14 12:30	10/10/14 00:15	1
Isopropylbenzene	ND		3.5		ug/Kg		10/08/14 12:30	10/10/14 00:15	1
4-Isopropyltoluene	ND		3.5		ug/Kg		10/08/14 12:30	10/10/14 00:15	1
Methylene Chloride	ND		7.0		ug/Kg		10/08/14 12:30	10/10/14 00:15	1
4-Methyl-2-pentanone (MIBK)	ND		35		ug/Kg		10/08/14 12:30	10/10/14 00:15	1
Naphthalene	ND		7.0		ug/Kg		10/08/14 12:30	10/10/14 00:15	1
N-Propylbenzene	ND		3.5		ug/Kg		10/08/14 12:30	10/10/14 00:15	1
Styrene	ND		3.5		ug/Kg		10/08/14 12:30	10/10/14 00:15	1
1,1,1,2-Tetrachloroethane	ND		3.5		ug/Kg		10/08/14 12:30	10/10/14 00:15	1

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60421-1

Client Sample ID: PLSB-5-15'

Lab Sample ID: 720-60421-20

Date Collected: 10/07/14 10:48

Matrix: Solid

Date Received: 10/07/14 17:45

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		3.5		ug/Kg		10/08/14 12:30	10/10/14 00:15	1
Tetrachloroethene	ND		3.5		ug/Kg		10/08/14 12:30	10/10/14 00:15	1
Toluene	ND		3.5		ug/Kg		10/08/14 12:30	10/10/14 00:15	1
1,2,3-Trichlorobenzene	ND		3.5		ug/Kg		10/08/14 12:30	10/10/14 00:15	1
1,2,4-Trichlorobenzene	ND		3.5		ug/Kg		10/08/14 12:30	10/10/14 00:15	1
1,1,1-Trichloroethane	ND		3.5		ug/Kg		10/08/14 12:30	10/10/14 00:15	1
1,1,2-Trichloroethane	ND		3.5		ug/Kg		10/08/14 12:30	10/10/14 00:15	1
Trichloroethene	ND		3.5		ug/Kg		10/08/14 12:30	10/10/14 00:15	1
Trichlorofluoromethane	ND		3.5		ug/Kg		10/08/14 12:30	10/10/14 00:15	1
1,2,3-Trichloropropane	ND		3.5		ug/Kg		10/08/14 12:30	10/10/14 00:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		3.5		ug/Kg		10/08/14 12:30	10/10/14 00:15	1
1,2,4-Trimethylbenzene	ND		3.5		ug/Kg		10/08/14 12:30	10/10/14 00:15	1
1,3,5-Trimethylbenzene	ND		3.5		ug/Kg		10/08/14 12:30	10/10/14 00:15	1
Vinyl acetate	ND		14		ug/Kg		10/08/14 12:30	10/10/14 00:15	1
Vinyl chloride	ND		3.5		ug/Kg		10/08/14 12:30	10/10/14 00:15	1
Xylenes, Total	ND		7.0		ug/Kg		10/08/14 12:30	10/10/14 00:15	1
2,2-Dichloropropane	ND		3.5		ug/Kg		10/08/14 12:30	10/10/14 00:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	94		45 - 131	10/08/14 12:30	10/10/14 00:15	1
1,2-Dichloroethane-d4 (Surr)	106		60 - 140	10/08/14 12:30	10/10/14 00:15	1
Toluene-d8 (Surr)	86		58 - 140	10/08/14 12:30	10/10/14 00:15	1

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		0.066		mg/Kg		10/08/14 18:50	10/10/14 15:37	1
Bis(2-chloroethyl)ether	ND		0.066		mg/Kg		10/08/14 18:50	10/10/14 15:37	1
2-Chlorophenol	ND		0.066		mg/Kg		10/08/14 18:50	10/10/14 15:37	1
1,3-Dichlorobenzene	ND		0.066		mg/Kg		10/08/14 18:50	10/10/14 15:37	1
1,4-Dichlorobenzene	ND		0.066		mg/Kg		10/08/14 18:50	10/10/14 15:37	1
Benzyl alcohol	ND		0.17		mg/Kg		10/08/14 18:50	10/10/14 15:37	1
1,2-Dichlorobenzene	ND		0.066		mg/Kg		10/08/14 18:50	10/10/14 15:37	1
2-Methylphenol	ND		0.066		mg/Kg		10/08/14 18:50	10/10/14 15:37	1
Methylphenol, 3 & 4	ND		0.066		mg/Kg		10/08/14 18:50	10/10/14 15:37	1
N-Nitrosodi-n-propylamine	ND		0.066		mg/Kg		10/08/14 18:50	10/10/14 15:37	1
Hexachloroethane	ND		0.066		mg/Kg		10/08/14 18:50	10/10/14 15:37	1
Nitrobenzene	ND		0.066		mg/Kg		10/08/14 18:50	10/10/14 15:37	1
Isophorone	ND		0.066		mg/Kg		10/08/14 18:50	10/10/14 15:37	1
2-Nitrophenol	ND		0.066		mg/Kg		10/08/14 18:50	10/10/14 15:37	1
2,4-Dimethylphenol	ND		0.066		mg/Kg		10/08/14 18:50	10/10/14 15:37	1
Bis(2-chloroethoxy)methane	ND		0.17		mg/Kg		10/08/14 18:50	10/10/14 15:37	1
2,4-Dichlorophenol	ND		0.33		mg/Kg		10/08/14 18:50	10/10/14 15:37	1
1,2,4-Trichlorobenzene	ND		0.066		mg/Kg		10/08/14 18:50	10/10/14 15:37	1
Naphthalene	ND		0.066		mg/Kg		10/08/14 18:50	10/10/14 15:37	1
4-Chloroaniline	ND		0.17		mg/Kg		10/08/14 18:50	10/10/14 15:37	1
Hexachlorobutadiene	ND		0.066		mg/Kg		10/08/14 18:50	10/10/14 15:37	1
4-Chloro-3-methylphenol	ND		0.17		mg/Kg		10/08/14 18:50	10/10/14 15:37	1
2-Methylnaphthalene	ND		0.066		mg/Kg		10/08/14 18:50	10/10/14 15:37	1
Hexachlorocyclopentadiene	ND		0.17		mg/Kg		10/08/14 18:50	10/10/14 15:37	1
2,4,6-Trichlorophenol	ND		0.17		mg/Kg		10/08/14 18:50	10/10/14 15:37	1

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60421-1

Client Sample ID: PLSB-5-15'

Lab Sample ID: 720-60421-20

Date Collected: 10/07/14 10:48

Matrix: Solid

Date Received: 10/07/14 17:45

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		0.066		mg/Kg		10/08/14 18:50	10/10/14 15:37	1
2-Chloronaphthalene	ND		0.066		mg/Kg		10/08/14 18:50	10/10/14 15:37	1
2-Nitroaniline	ND		0.33		mg/Kg		10/08/14 18:50	10/10/14 15:37	1
Dimethyl phthalate	ND		0.17		mg/Kg		10/08/14 18:50	10/10/14 15:37	1
Acenaphthylene	ND		0.066		mg/Kg		10/08/14 18:50	10/10/14 15:37	1
3-Nitroaniline	ND		0.17		mg/Kg		10/08/14 18:50	10/10/14 15:37	1
Acenaphthene	ND		0.066		mg/Kg		10/08/14 18:50	10/10/14 15:37	1
2,4-Dinitrophenol	ND		0.65		mg/Kg		10/08/14 18:50	10/10/14 15:37	1
4-Nitrophenol	ND		0.33		mg/Kg		10/08/14 18:50	10/10/14 15:37	1
Dibenzofuran	ND		0.066		mg/Kg		10/08/14 18:50	10/10/14 15:37	1
2,4-Dinitrotoluene	ND		0.066		mg/Kg		10/08/14 18:50	10/10/14 15:37	1
2,6-Dinitrotoluene	ND		0.066		mg/Kg		10/08/14 18:50	10/10/14 15:37	1
Diethyl phthalate	ND		0.17		mg/Kg		10/08/14 18:50	10/10/14 15:37	1
4-Chlorophenyl phenyl ether	ND		0.17		mg/Kg		10/08/14 18:50	10/10/14 15:37	1
Fluorene	ND		0.066		mg/Kg		10/08/14 18:50	10/10/14 15:37	1
4-Nitroaniline	ND		0.33		mg/Kg		10/08/14 18:50	10/10/14 15:37	1
2-Methyl-4,6-dinitrophenol	ND		0.33		mg/Kg		10/08/14 18:50	10/10/14 15:37	1
N-Nitrosodiphenylamine	ND		0.066		mg/Kg		10/08/14 18:50	10/10/14 15:37	1
4-Bromophenyl phenyl ether	ND		0.17		mg/Kg		10/08/14 18:50	10/10/14 15:37	1
Hexachlorobenzene	ND		0.066		mg/Kg		10/08/14 18:50	10/10/14 15:37	1
Pentachlorophenol	ND		0.33		mg/Kg		10/08/14 18:50	10/10/14 15:37	1
Phenanthrene	ND		0.066		mg/Kg		10/08/14 18:50	10/10/14 15:37	1
Anthracene	ND		0.066		mg/Kg		10/08/14 18:50	10/10/14 15:37	1
Di-n-butyl phthalate	ND		0.17		mg/Kg		10/08/14 18:50	10/10/14 15:37	1
Fluoranthene	ND		0.066		mg/Kg		10/08/14 18:50	10/10/14 15:37	1
Pyrene	ND		0.066		mg/Kg		10/08/14 18:50	10/10/14 15:37	1
Butyl benzyl phthalate	ND		0.17		mg/Kg		10/08/14 18:50	10/10/14 15:37	1
3,3'-Dichlorobenzidine	ND		0.17		mg/Kg		10/08/14 18:50	10/10/14 15:37	1
Benzo[a]anthracene	ND		0.33		mg/Kg		10/08/14 18:50	10/10/14 15:37	1
Bis(2-ethylhexyl) phthalate	ND		0.33		mg/Kg		10/08/14 18:50	10/10/14 15:37	1
Chrysene	ND		0.066		mg/Kg		10/08/14 18:50	10/10/14 15:37	1
Di-n-octyl phthalate	ND		0.17		mg/Kg		10/08/14 18:50	10/10/14 15:37	1
Benzo[b]fluoranthene	ND		0.066		mg/Kg		10/08/14 18:50	10/10/14 15:37	1
Benzo[a]pyrene	ND		0.066		mg/Kg		10/08/14 18:50	10/10/14 15:37	1
Benzo[k]fluoranthene	ND		0.066		mg/Kg		10/08/14 18:50	10/10/14 15:37	1
Indeno[1,2,3-cd]pyrene	ND		0.066		mg/Kg		10/08/14 18:50	10/10/14 15:37	1
Benzo[g,h,i]perylene	ND		0.066		mg/Kg		10/08/14 18:50	10/10/14 15:37	1
Benzoic acid	ND		0.33		mg/Kg		10/08/14 18:50	10/10/14 15:37	1
Azobenzene	ND		0.066		mg/Kg		10/08/14 18:50	10/10/14 15:37	1
Dibenz(a,h)anthracene	ND		0.066		mg/Kg		10/08/14 18:50	10/10/14 15:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	67		21 - 98	10/08/14 18:50	10/10/14 15:37	1
2-Fluorobiphenyl	64		30 - 112	10/08/14 18:50	10/10/14 15:37	1
Terphenyl-d14	79		32 - 117	10/08/14 18:50	10/10/14 15:37	1
2-Fluorophenol	51		28 - 98	10/08/14 18:50	10/10/14 15:37	1
Phenol-d5	47		23 - 101	10/08/14 18:50	10/10/14 15:37	1
2,4,6-Tribromophenol	62		37 - 114	10/08/14 18:50	10/10/14 15:37	1

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
 Project/Site: Philips San Jose

TestAmerica Job ID: 720-60421-1

Client Sample ID: PLSB-5-15'

Lab Sample ID: 720-60421-20

Date Collected: 10/07/14 10:48

Matrix: Solid

Date Received: 10/07/14 17:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.36		mg/Kg		10/08/14 19:38	10/13/14 16:10	1
Arsenic	1.8		0.71		mg/Kg		10/08/14 19:38	10/13/14 16:10	1
Beryllium	0.075		0.071		mg/Kg		10/08/14 19:38	10/13/14 16:10	1
Cadmium	0.17		0.089		mg/Kg		10/08/14 19:38	10/13/14 16:10	1
Chromium	38		0.36		mg/Kg		10/08/14 19:38	10/13/14 16:10	1
Copper	16		1.1		mg/Kg		10/08/14 19:38	10/13/14 16:10	1
Lead	3.0		0.36		mg/Kg		10/08/14 19:38	10/13/14 16:10	1
Nickel	43		0.36		mg/Kg		10/08/14 19:38	10/13/14 16:10	1
Selenium	ND		0.71		mg/Kg		10/08/14 19:38	10/13/14 16:10	1
Silver	ND		0.18		mg/Kg		10/08/14 19:38	10/13/14 16:10	1
Zinc	29		1.1		mg/Kg		10/08/14 19:38	10/13/14 16:10	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.035		0.0095		mg/Kg		10/09/14 14:51	10/13/14 14:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.46		mg/Kg		10/10/14 13:00	10/11/14 12:56	1

Client Sample Results

Client: URS Corporation
 Project/Site: Philips San Jose

TestAmerica Job ID: 720-60421-1

Client Sample ID: PLSB-2-8'

Lab Sample ID: 720-60421-29

Date Collected: 10/07/14 12:30

Matrix: Solid

Date Received: 10/07/14 17:45

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		3.3		ug/Kg		10/08/14 12:30	10/10/14 00:46	1
Benzene	ND		3.3		ug/Kg		10/08/14 12:30	10/10/14 00:46	1
Ethylbenzene	ND		3.3		ug/Kg		10/08/14 12:30	10/10/14 00:46	1
Toluene	ND		3.3		ug/Kg		10/08/14 12:30	10/10/14 00:46	1
Xylenes, Total	ND		6.6		ug/Kg		10/08/14 12:30	10/10/14 00:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	96		45 - 131	10/08/14 12:30	10/10/14 00:46	1
1,2-Dichloroethane-d4 (Surr)	110		60 - 140	10/08/14 12:30	10/10/14 00:46	1
Toluene-d8 (Surr)	87		58 - 140	10/08/14 12:30	10/10/14 00:46	1

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		0.99		mg/Kg		10/09/14 09:48	10/10/14 01:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
p-Terphenyl	89		40 - 130	10/09/14 09:48	10/10/14 01:38	1

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60421-1

Client Sample ID: PLSB-2-12'

Lab Sample ID: 720-60421-32

Date Collected: 10/07/14 12:50

Matrix: Solid

Date Received: 10/07/14 17:45

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		3.4		ug/Kg		10/08/14 12:30	10/10/14 01:15	1
Benzene	ND		3.4		ug/Kg		10/08/14 12:30	10/10/14 01:15	1
Ethylbenzene	ND		3.4		ug/Kg		10/08/14 12:30	10/10/14 01:15	1
Toluene	ND		3.4		ug/Kg		10/08/14 12:30	10/10/14 01:15	1
Xylenes, Total	ND		6.8		ug/Kg		10/08/14 12:30	10/10/14 01:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	103		45 - 131	10/08/14 12:30	10/10/14 01:15	1
1,2-Dichloroethane-d4 (Surr)	106		60 - 140	10/08/14 12:30	10/10/14 01:15	1
Toluene-d8 (Surr)	87		58 - 140	10/08/14 12:30	10/10/14 01:15	1

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	430		5.0		mg/Kg		10/09/14 09:48	10/10/14 16:22	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
p-Terphenyl	0	XD	40 - 130	10/09/14 09:48	10/10/14 16:22	5

Client Sample Results

Client: URS Corporation
 Project/Site: Philips San Jose

TestAmerica Job ID: 720-60421-1

Client Sample ID: PLSB-3-10'

Lab Sample ID: 720-60421-45

Date Collected: 10/07/14 13:55

Matrix: Solid

Date Received: 10/07/14 17:45

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		3.4		ug/Kg		10/08/14 12:30	10/10/14 01:45	1
Benzene	ND		3.4		ug/Kg		10/08/14 12:30	10/10/14 01:45	1
Ethylbenzene	ND		3.4		ug/Kg		10/08/14 12:30	10/10/14 01:45	1
Toluene	ND		3.4		ug/Kg		10/08/14 12:30	10/10/14 01:45	1
Xylenes, Total	ND		6.8		ug/Kg		10/08/14 12:30	10/10/14 01:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	0	X	45 - 131	10/08/14 12:30	10/10/14 01:45	1
1,2-Dichloroethane-d4 (Surr)	105		60 - 140	10/08/14 12:30	10/10/14 01:45	1
Toluene-d8 (Surr)	85		58 - 140	10/08/14 12:30	10/10/14 01:45	1

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	1100		10		mg/Kg		10/09/14 09:48	10/10/14 16:47	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
p-Terphenyl	0	XD	40 - 130	10/09/14 09:48	10/10/14 16:47	10

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60421-1

Client Sample ID: PLSB-3-24'

Lab Sample ID: 720-60421-50

Date Collected: 10/07/14 14:20

Matrix: Solid

Date Received: 10/07/14 17:45

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		3.6		ug/Kg		10/08/14 12:30	10/10/14 02:15	1
Benzene	ND		3.6		ug/Kg		10/08/14 12:30	10/10/14 02:15	1
Ethylbenzene	ND		3.6		ug/Kg		10/08/14 12:30	10/10/14 02:15	1
Toluene	ND		3.6		ug/Kg		10/08/14 12:30	10/10/14 02:15	1
Xylenes, Total	ND		7.2		ug/Kg		10/08/14 12:30	10/10/14 02:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	90		45 - 131	10/08/14 12:30	10/10/14 02:15	1
1,2-Dichloroethane-d4 (Surr)	104		60 - 140	10/08/14 12:30	10/10/14 02:15	1
Toluene-d8 (Surr)	77		58 - 140	10/08/14 12:30	10/10/14 02:15	1

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	2.1		0.99		mg/Kg		10/09/14 09:48	10/10/14 15:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
p-Terphenyl	83		40 - 130	10/09/14 09:48	10/10/14 15:58	1

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60421-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 720-168520/4

Matrix: Solid

Analysis Batch: 168520

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		5.0		ug/Kg			10/09/14 19:44	1
Acetone	ND		50		ug/Kg			10/09/14 19:44	1
Benzene	ND		5.0		ug/Kg			10/09/14 19:44	1
Dichlorobromomethane	ND		5.0		ug/Kg			10/09/14 19:44	1
Bromobenzene	ND		5.0		ug/Kg			10/09/14 19:44	1
Chlorobromomethane	ND		20		ug/Kg			10/09/14 19:44	1
Bromoform	ND		5.0		ug/Kg			10/09/14 19:44	1
Bromomethane	ND		10		ug/Kg			10/09/14 19:44	1
2-Butanone (MEK)	ND		50		ug/Kg			10/09/14 19:44	1
n-Butylbenzene	ND		5.0		ug/Kg			10/09/14 19:44	1
sec-Butylbenzene	ND		5.0		ug/Kg			10/09/14 19:44	1
tert-Butylbenzene	ND		5.0		ug/Kg			10/09/14 19:44	1
Carbon disulfide	ND		5.0		ug/Kg			10/09/14 19:44	1
Carbon tetrachloride	ND		5.0		ug/Kg			10/09/14 19:44	1
Chlorobenzene	ND		5.0		ug/Kg			10/09/14 19:44	1
Chloroethane	ND		10		ug/Kg			10/09/14 19:44	1
Chloroform	ND		5.0		ug/Kg			10/09/14 19:44	1
Chloromethane	ND		10		ug/Kg			10/09/14 19:44	1
2-Chlorotoluene	ND		5.0		ug/Kg			10/09/14 19:44	1
4-Chlorotoluene	ND		5.0		ug/Kg			10/09/14 19:44	1
Chlorodibromomethane	ND		5.0		ug/Kg			10/09/14 19:44	1
1,2-Dichlorobenzene	ND		5.0		ug/Kg			10/09/14 19:44	1
1,3-Dichlorobenzene	ND		5.0		ug/Kg			10/09/14 19:44	1
1,4-Dichlorobenzene	ND		5.0		ug/Kg			10/09/14 19:44	1
1,3-Dichloropropane	ND		5.0		ug/Kg			10/09/14 19:44	1
1,1-Dichloropropene	ND		5.0		ug/Kg			10/09/14 19:44	1
1,2-Dibromo-3-Chloropropane	ND		10		ug/Kg			10/09/14 19:44	1
Ethylene Dibromide	ND		5.0		ug/Kg			10/09/14 19:44	1
Dibromomethane	ND		10		ug/Kg			10/09/14 19:44	1
Dichlorodifluoromethane	ND		10		ug/Kg			10/09/14 19:44	1
1,1-Dichloroethane	ND		5.0		ug/Kg			10/09/14 19:44	1
1,2-Dichloroethane	ND		5.0		ug/Kg			10/09/14 19:44	1
1,1-Dichloroethene	ND		5.0		ug/Kg			10/09/14 19:44	1
cis-1,2-Dichloroethene	ND		5.0		ug/Kg			10/09/14 19:44	1
trans-1,2-Dichloroethene	ND		5.0		ug/Kg			10/09/14 19:44	1
1,2-Dichloropropane	ND		5.0		ug/Kg			10/09/14 19:44	1
cis-1,3-Dichloropropene	ND		5.0		ug/Kg			10/09/14 19:44	1
trans-1,3-Dichloropropene	ND		5.0		ug/Kg			10/09/14 19:44	1
Ethylbenzene	ND		5.0		ug/Kg			10/09/14 19:44	1
Hexachlorobutadiene	ND		5.0		ug/Kg			10/09/14 19:44	1
2-Hexanone	ND		50		ug/Kg			10/09/14 19:44	1
Isopropylbenzene	ND		5.0		ug/Kg			10/09/14 19:44	1
4-Isopropyltoluene	ND		5.0		ug/Kg			10/09/14 19:44	1
Methylene Chloride	ND		10		ug/Kg			10/09/14 19:44	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/Kg			10/09/14 19:44	1
Naphthalene	ND		10		ug/Kg			10/09/14 19:44	1
N-Propylbenzene	ND		5.0		ug/Kg			10/09/14 19:44	1
Styrene	ND		5.0		ug/Kg			10/09/14 19:44	1

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60421-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 720-168520/4

Matrix: Solid

Analysis Batch: 168520

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0		ug/Kg			10/09/14 19:44	1
1,1,2,2-Tetrachloroethane	ND		5.0		ug/Kg			10/09/14 19:44	1
Tetrachloroethene	ND		5.0		ug/Kg			10/09/14 19:44	1
Toluene	ND		5.0		ug/Kg			10/09/14 19:44	1
1,2,3-Trichlorobenzene	ND		5.0		ug/Kg			10/09/14 19:44	1
1,2,4-Trichlorobenzene	ND		5.0		ug/Kg			10/09/14 19:44	1
1,1,1-Trichloroethane	ND		5.0		ug/Kg			10/09/14 19:44	1
1,1,2-Trichloroethane	ND		5.0		ug/Kg			10/09/14 19:44	1
Trichloroethene	ND		5.0		ug/Kg			10/09/14 19:44	1
Trichlorofluoromethane	ND		5.0		ug/Kg			10/09/14 19:44	1
1,2,3-Trichloropropane	ND		5.0		ug/Kg			10/09/14 19:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0		ug/Kg			10/09/14 19:44	1
1,2,4-Trimethylbenzene	ND		5.0		ug/Kg			10/09/14 19:44	1
1,3,5-Trimethylbenzene	ND		5.0		ug/Kg			10/09/14 19:44	1
Vinyl acetate	ND		20		ug/Kg			10/09/14 19:44	1
Vinyl chloride	ND		5.0		ug/Kg			10/09/14 19:44	1
Xylenes, Total	ND		10		ug/Kg			10/09/14 19:44	1
2,2-Dichloropropane	ND		5.0		ug/Kg			10/09/14 19:44	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	103		45 - 131		10/09/14 19:44	1
1,2-Dichloroethane-d4 (Surr)	105		60 - 140		10/09/14 19:44	1
Toluene-d8 (Surr)	89		58 - 140		10/09/14 19:44	1

Lab Sample ID: LCS 720-168520/5

Matrix: Solid

Analysis Batch: 168520

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl tert-butyl ether	50.0	54.5		ug/Kg		109	70 - 144
Acetone	250	218		ug/Kg		87	30 - 162
Benzene	50.0	47.6		ug/Kg		95	70 - 130
Dichlorobromomethane	50.0	54.8		ug/Kg		110	70 - 131
Bromobenzene	50.0	49.6		ug/Kg		99	70 - 130
Chlorobromomethane	50.0	48.6		ug/Kg		97	70 - 130
Bromoform	50.0	53.6		ug/Kg		107	59 - 158
Bromomethane	50.0	43.7		ug/Kg		87	59 - 132
2-Butanone (MEK)	250	254		ug/Kg		102	53 - 124
n-Butylbenzene	50.0	50.0		ug/Kg		100	70 - 142
sec-Butylbenzene	50.0	44.0		ug/Kg		88	70 - 136
tert-Butylbenzene	50.0	48.9		ug/Kg		98	70 - 130
Carbon disulfide	50.0	45.6		ug/Kg		91	60 - 140
Carbon tetrachloride	50.0	51.1		ug/Kg		102	70 - 138
Chlorobenzene	50.0	45.6		ug/Kg		91	70 - 130
Chloroethane	50.0	40.5		ug/Kg		81	65 - 130
Chloroform	50.0	50.6		ug/Kg		101	77 - 127
Chloromethane	50.0	35.7		ug/Kg		71	55 - 140
2-Chlorotoluene	50.0	48.4		ug/Kg		97	70 - 138

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60421-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 720-168520/5

Matrix: Solid

Analysis Batch: 168520

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4-Chlorotoluene	50.0	49.3		ug/Kg		99	70 - 136
Chlorodibromomethane	50.0	58.4		ug/Kg		117	70 - 146
1,2-Dichlorobenzene	50.0	48.3		ug/Kg		97	70 - 130
1,3-Dichlorobenzene	50.0	45.5		ug/Kg		91	70 - 131
1,4-Dichlorobenzene	50.0	48.2		ug/Kg		96	70 - 130
1,3-Dichloropropane	50.0	51.3		ug/Kg		103	70 - 140
1,1-Dichloropropene	50.0	51.1		ug/Kg		102	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	55.1		ug/Kg		110	60 - 145
Ethylene Dibromide	50.0	53.4		ug/Kg		107	70 - 140
Dibromomethane	50.0	52.0		ug/Kg		104	70 - 139
Dichlorodifluoromethane	50.0	41.5		ug/Kg		83	37 - 158
1,1-Dichloroethane	50.0	49.4		ug/Kg		99	70 - 130
1,2-Dichloroethane	50.0	52.7		ug/Kg		105	70 - 130
1,1-Dichloroethene	50.0	46.5		ug/Kg		93	76 - 122
cis-1,2-Dichloroethene	50.0	49.5		ug/Kg		99	70 - 138
trans-1,2-Dichloroethene	50.0	49.9		ug/Kg		100	67 - 130
1,2-Dichloropropane	50.0	50.0		ug/Kg		100	73 - 127
cis-1,3-Dichloropropene	50.0	56.4		ug/Kg		113	68 - 147
trans-1,3-Dichloropropene	50.0	62.7		ug/Kg		125	70 - 136
Ethylbenzene	50.0	45.5		ug/Kg		91	80 - 137
Hexachlorobutadiene	50.0	49.7		ug/Kg		99	70 - 132
2-Hexanone	250	253		ug/Kg		101	44 - 133
Isopropylbenzene	50.0	44.1		ug/Kg		88	70 - 130
4-Isopropyltoluene	50.0	48.5		ug/Kg		97	70 - 133
Methylene Chloride	50.0	50.7		ug/Kg		101	70 - 134
4-Methyl-2-pentanone (MIBK)	250	264		ug/Kg		106	60 - 160
Naphthalene	50.0	42.8		ug/Kg		86	60 - 147
N-Propylbenzene	50.0	48.2		ug/Kg		96	70 - 130
Styrene	50.0	49.2		ug/Kg		98	70 - 130
1,1,1,2-Tetrachloroethane	50.0	52.1		ug/Kg		104	70 - 130
1,1,1,2,2-Tetrachloroethane	50.0	50.6		ug/Kg		101	70 - 146
Tetrachloroethene	50.0	47.5		ug/Kg		95	70 - 132
Toluene	50.0	45.7		ug/Kg		91	80 - 128
1,2,3-Trichlorobenzene	50.0	42.5		ug/Kg		85	60 - 140
1,2,4-Trichlorobenzene	50.0	44.4		ug/Kg		89	60 - 140
1,1,1-Trichloroethane	50.0	45.7		ug/Kg		91	70 - 130
1,1,2-Trichloroethane	50.0	52.1		ug/Kg		104	70 - 130
Trichloroethene	50.0	44.9		ug/Kg		90	70 - 133
Trichlorofluoromethane	50.0	45.1		ug/Kg		90	60 - 140
1,2,3-Trichloropropane	50.0	51.2		ug/Kg		102	70 - 146
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	44.3		ug/Kg		89	60 - 140
1,2,4-Trimethylbenzene	50.0	50.4		ug/Kg		101	70 - 130
1,3,5-Trimethylbenzene	50.0	49.9		ug/Kg		100	70 - 131
Vinyl acetate	50.0	48.1		ug/Kg		96	38 - 176
Vinyl chloride	50.0	42.6		ug/Kg		85	58 - 125
m-Xylene & p-Xylene	50.0	44.9		ug/Kg		90	70 - 146
o-Xylene	50.0	45.2		ug/Kg		90	70 - 140

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60421-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 720-168520/5

Matrix: Solid

Analysis Batch: 168520

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,2-Dichloropropane	50.0	47.8		ug/Kg		96	70 - 162

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	96		45 - 131
1,2-Dichloroethane-d4 (Surr)	95		60 - 140
Toluene-d8 (Surr)	94		58 - 140

Lab Sample ID: LCSD 720-168520/6

Matrix: Solid

Analysis Batch: 168520

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Methyl tert-butyl ether	50.0	54.5		ug/Kg		109	70 - 144	0	20
Acetone	250	232		ug/Kg		93	30 - 162	6	30
Benzene	50.0	47.7		ug/Kg		95	70 - 130	0	20
Dichlorobromomethane	50.0	53.9		ug/Kg		108	70 - 131	2	20
Bromobenzene	50.0	50.0		ug/Kg		100	70 - 130	1	20
Chlorobromomethane	50.0	48.9		ug/Kg		98	70 - 130	1	20
Bromoform	50.0	56.1		ug/Kg		112	59 - 158	5	20
Bromomethane	50.0	41.9		ug/Kg		84	59 - 132	4	20
2-Butanone (MEK)	250	235		ug/Kg		94	53 - 124	8	20
n-Butylbenzene	50.0	46.3		ug/Kg		93	70 - 142	8	20
sec-Butylbenzene	50.0	45.1		ug/Kg		90	70 - 136	3	20
tert-Butylbenzene	50.0	47.2		ug/Kg		94	70 - 130	3	20
Carbon disulfide	50.0	41.6		ug/Kg		83	60 - 140	9	20
Carbon tetrachloride	50.0	49.6		ug/Kg		99	70 - 138	3	20
Chlorobenzene	50.0	45.6		ug/Kg		91	70 - 130	0	20
Chloroethane	50.0	41.6		ug/Kg		83	65 - 130	3	20
Chloroform	50.0	49.6		ug/Kg		99	77 - 127	2	20
Chloromethane	50.0	35.6		ug/Kg		71	55 - 140	0	20
2-Chlorotoluene	50.0	48.6		ug/Kg		97	70 - 138	1	20
4-Chlorotoluene	50.0	49.2		ug/Kg		98	70 - 136	0	20
Chlorodibromomethane	50.0	58.0		ug/Kg		116	70 - 146	1	20
1,2-Dichlorobenzene	50.0	41.3		ug/Kg		83	70 - 130	16	20
1,3-Dichlorobenzene	50.0	47.3		ug/Kg		95	70 - 131	4	20
1,4-Dichlorobenzene	50.0	47.3		ug/Kg		95	70 - 130	2	20
1,3-Dichloropropane	50.0	50.9		ug/Kg		102	70 - 140	1	20
1,1-Dichloropropene	50.0	50.3		ug/Kg		101	70 - 130	2	20
1,2-Dibromo-3-Chloropropane	50.0	54.6		ug/Kg		109	60 - 145	1	20
Ethylene Dibromide	50.0	53.3		ug/Kg		107	70 - 140	0	20
Dibromomethane	50.0	51.6		ug/Kg		103	70 - 139	1	20
Dichlorodifluoromethane	50.0	39.8		ug/Kg		80	37 - 158	4	20
1,1-Dichloroethane	50.0	48.3		ug/Kg		97	70 - 130	2	20
1,2-Dichloroethane	50.0	51.1		ug/Kg		102	70 - 130	3	20
1,1-Dichloroethane	50.0	46.4		ug/Kg		93	76 - 122	0	20
cis-1,2-Dichloroethane	50.0	48.7		ug/Kg		97	70 - 138	1	20
trans-1,2-Dichloroethane	50.0	48.3		ug/Kg		97	67 - 130	3	20
1,2-Dichloropropane	50.0	49.9		ug/Kg		100	73 - 127	0	20

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60421-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 720-168520/6

Matrix: Solid

Analysis Batch: 168520

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits		RPD	RPD Limit
cis-1,3-Dichloropropene	50.0	55.5		ug/Kg		111	68 - 147	2	20	
trans-1,3-Dichloropropene	50.0	62.0		ug/Kg		124	70 - 136	1	20	
Ethylbenzene	50.0	45.5		ug/Kg		91	80 - 137	0	20	
Hexachlorobutadiene	50.0	55.0		ug/Kg		110	70 - 132	10	20	
2-Hexanone	250	261		ug/Kg		105	44 - 133	3	20	
Isopropylbenzene	50.0	46.6		ug/Kg		93	70 - 130	5	20	
4-Isopropyltoluene	50.0	45.4		ug/Kg		91	70 - 133	6	20	
Methylene Chloride	50.0	51.0		ug/Kg		102	70 - 134	1	20	
4-Methyl-2-pentanone (MIBK)	250	266		ug/Kg		107	60 - 160	1	20	
Naphthalene	50.0	48.2		ug/Kg		96	60 - 147	12	20	
N-Propylbenzene	50.0	47.8		ug/Kg		96	70 - 130	1	20	
Styrene	50.0	50.8		ug/Kg		102	70 - 130	3	20	
1,1,1,2-Tetrachloroethane	50.0	50.8		ug/Kg		102	70 - 130	3	20	
1,1,1,2-Tetrachloroethane	50.0	52.0		ug/Kg		104	70 - 146	3	20	
Tetrachloroethene	50.0	47.5		ug/Kg		95	70 - 132	0	20	
Toluene	50.0	45.6		ug/Kg		91	80 - 128	0	20	
1,2,3-Trichlorobenzene	50.0	50.2		ug/Kg		100	60 - 140	17	20	
1,2,4-Trichlorobenzene	50.0	51.0		ug/Kg		102	60 - 140	14	20	
1,1,1-Trichloroethane	50.0	43.6		ug/Kg		87	70 - 130	5	20	
1,1,2-Trichloroethane	50.0	51.4		ug/Kg		103	70 - 130	1	20	
Trichloroethene	50.0	45.0		ug/Kg		90	70 - 133	0	20	
Trichlorofluoromethane	50.0	45.3		ug/Kg		91	60 - 140	1	20	
1,2,3-Trichloropropane	50.0	51.7		ug/Kg		103	70 - 146	1	20	
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	40.9		ug/Kg		82	60 - 140	8	20	
1,2,4-Trimethylbenzene	50.0	48.6		ug/Kg		97	70 - 130	4	20	
1,3,5-Trimethylbenzene	50.0	49.4		ug/Kg		99	70 - 131	1	20	
Vinyl acetate	50.0	49.5		ug/Kg		99	38 - 176	3	20	
Vinyl chloride	50.0	43.0		ug/Kg		86	58 - 125	1	20	
m-Xylene & p-Xylene	50.0	46.0		ug/Kg		92	70 - 146	2	20	
o-Xylene	50.0	46.6		ug/Kg		93	70 - 140	3	20	
2,2-Dichloropropane	50.0	45.2		ug/Kg		90	70 - 162	6	20	

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene	99		45 - 131
1,2-Dichloroethane-d4 (Surr)	94		60 - 140
Toluene-d8 (Surr)	94		58 - 140

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Lab Sample ID: MB 720-168453/1-A

Matrix: Solid

Analysis Batch: 168485

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 168453

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Phenol	ND		0.067		mg/Kg		10/08/14 18:49	10/09/14 18:19	1
Bis(2-chloroethyl)ether	ND		0.067		mg/Kg		10/08/14 18:49	10/09/14 18:19	1
2-Chlorophenol	ND		0.067		mg/Kg		10/08/14 18:49	10/09/14 18:19	1

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60421-1

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

(Continued)

Lab Sample ID: MB 720-168453/1-A

Matrix: Solid

Analysis Batch: 168485

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 168453

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	ND		0.067		mg/Kg		10/08/14 18:49	10/09/14 18:19	1
1,4-Dichlorobenzene	ND		0.067		mg/Kg		10/08/14 18:49	10/09/14 18:19	1
Benzyl alcohol	ND		0.17		mg/Kg		10/08/14 18:49	10/09/14 18:19	1
1,2-Dichlorobenzene	ND		0.067		mg/Kg		10/08/14 18:49	10/09/14 18:19	1
2-Methylphenol	ND		0.067		mg/Kg		10/08/14 18:49	10/09/14 18:19	1
Methylphenol, 3 & 4	ND		0.067		mg/Kg		10/08/14 18:49	10/09/14 18:19	1
N-Nitrosodi-n-propylamine	ND		0.067		mg/Kg		10/08/14 18:49	10/09/14 18:19	1
Hexachloroethane	ND		0.067		mg/Kg		10/08/14 18:49	10/09/14 18:19	1
Nitrobenzene	ND		0.067		mg/Kg		10/08/14 18:49	10/09/14 18:19	1
Isophorone	ND		0.067		mg/Kg		10/08/14 18:49	10/09/14 18:19	1
2-Nitrophenol	ND		0.067		mg/Kg		10/08/14 18:49	10/09/14 18:19	1
2,4-Dimethylphenol	ND		0.067		mg/Kg		10/08/14 18:49	10/09/14 18:19	1
Bis(2-chloroethoxy)methane	ND		0.17		mg/Kg		10/08/14 18:49	10/09/14 18:19	1
2,4-Dichlorophenol	ND		0.33		mg/Kg		10/08/14 18:49	10/09/14 18:19	1
1,2,4-Trichlorobenzene	ND		0.067		mg/Kg		10/08/14 18:49	10/09/14 18:19	1
Naphthalene	ND		0.067		mg/Kg		10/08/14 18:49	10/09/14 18:19	1
4-Chloroaniline	ND		0.17		mg/Kg		10/08/14 18:49	10/09/14 18:19	1
Hexachlorobutadiene	ND		0.067		mg/Kg		10/08/14 18:49	10/09/14 18:19	1
4-Chloro-3-methylphenol	ND		0.17		mg/Kg		10/08/14 18:49	10/09/14 18:19	1
2-Methylnaphthalene	ND		0.067		mg/Kg		10/08/14 18:49	10/09/14 18:19	1
Hexachlorocyclopentadiene	ND		0.17		mg/Kg		10/08/14 18:49	10/09/14 18:19	1
2,4,6-Trichlorophenol	ND		0.17		mg/Kg		10/08/14 18:49	10/09/14 18:19	1
2,4,5-Trichlorophenol	ND		0.067		mg/Kg		10/08/14 18:49	10/09/14 18:19	1
2-Chloronaphthalene	ND		0.067		mg/Kg		10/08/14 18:49	10/09/14 18:19	1
2-Nitroaniline	ND		0.33		mg/Kg		10/08/14 18:49	10/09/14 18:19	1
Dimethyl phthalate	ND		0.17		mg/Kg		10/08/14 18:49	10/09/14 18:19	1
Acenaphthylene	ND		0.067		mg/Kg		10/08/14 18:49	10/09/14 18:19	1
3-Nitroaniline	ND		0.17		mg/Kg		10/08/14 18:49	10/09/14 18:19	1
Acenaphthene	ND		0.067		mg/Kg		10/08/14 18:49	10/09/14 18:19	1
2,4-Dinitrophenol	ND		0.66		mg/Kg		10/08/14 18:49	10/09/14 18:19	1
4-Nitrophenol	ND		0.33		mg/Kg		10/08/14 18:49	10/09/14 18:19	1
Dibenzofuran	ND		0.067		mg/Kg		10/08/14 18:49	10/09/14 18:19	1
2,4-Dinitrotoluene	ND		0.067		mg/Kg		10/08/14 18:49	10/09/14 18:19	1
2,6-Dinitrotoluene	ND		0.067		mg/Kg		10/08/14 18:49	10/09/14 18:19	1
Diethyl phthalate	ND		0.17		mg/Kg		10/08/14 18:49	10/09/14 18:19	1
4-Chlorophenyl phenyl ether	ND		0.17		mg/Kg		10/08/14 18:49	10/09/14 18:19	1
Fluorene	ND		0.067		mg/Kg		10/08/14 18:49	10/09/14 18:19	1
4-Nitroaniline	ND		0.33		mg/Kg		10/08/14 18:49	10/09/14 18:19	1
2-Methyl-4,6-dinitrophenol	ND		0.33		mg/Kg		10/08/14 18:49	10/09/14 18:19	1
N-Nitrosodiphenylamine	ND		0.067		mg/Kg		10/08/14 18:49	10/09/14 18:19	1
4-Bromophenyl phenyl ether	ND		0.17		mg/Kg		10/08/14 18:49	10/09/14 18:19	1
Hexachlorobenzene	ND		0.067		mg/Kg		10/08/14 18:49	10/09/14 18:19	1
Pentachlorophenol	ND		0.33		mg/Kg		10/08/14 18:49	10/09/14 18:19	1
Phenanthrene	ND		0.067		mg/Kg		10/08/14 18:49	10/09/14 18:19	1
Anthracene	ND		0.067		mg/Kg		10/08/14 18:49	10/09/14 18:19	1
Di-n-butyl phthalate	ND		0.17		mg/Kg		10/08/14 18:49	10/09/14 18:19	1
Fluoranthene	ND		0.067		mg/Kg		10/08/14 18:49	10/09/14 18:19	1

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60421-1

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

(Continued)

Lab Sample ID: MB 720-168453/1-A

Matrix: Solid

Analysis Batch: 168485

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 168453

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pyrene	ND		0.067		mg/Kg		10/08/14 18:49	10/09/14 18:19	1
Butyl benzyl phthalate	ND		0.17		mg/Kg		10/08/14 18:49	10/09/14 18:19	1
3,3'-Dichlorobenzidine	ND		0.17		mg/Kg		10/08/14 18:49	10/09/14 18:19	1
Benzo[a]anthracene	ND		0.33		mg/Kg		10/08/14 18:49	10/09/14 18:19	1
Bis(2-ethylhexyl) phthalate	ND		0.33		mg/Kg		10/08/14 18:49	10/09/14 18:19	1
Chrysene	ND		0.067		mg/Kg		10/08/14 18:49	10/09/14 18:19	1
Di-n-octyl phthalate	ND		0.17		mg/Kg		10/08/14 18:49	10/09/14 18:19	1
Benzo[b]fluoranthene	ND		0.067		mg/Kg		10/08/14 18:49	10/09/14 18:19	1
Benzo[a]pyrene	ND		0.067		mg/Kg		10/08/14 18:49	10/09/14 18:19	1
Benzo[k]fluoranthene	ND		0.067		mg/Kg		10/08/14 18:49	10/09/14 18:19	1
Indeno[1,2,3-cd]pyrene	ND		0.067		mg/Kg		10/08/14 18:49	10/09/14 18:19	1
Benzo[g,h,i]perylene	ND		0.067		mg/Kg		10/08/14 18:49	10/09/14 18:19	1
Benzoic acid	ND		0.33		mg/Kg		10/08/14 18:49	10/09/14 18:19	1
Azobenzene	ND		0.067		mg/Kg		10/08/14 18:49	10/09/14 18:19	1
Dibenz(a,h)anthracene	ND		0.067		mg/Kg		10/08/14 18:49	10/09/14 18:19	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	84		21 - 98	10/08/14 18:49	10/09/14 18:19	1
2-Fluorobiphenyl	82		30 - 112	10/08/14 18:49	10/09/14 18:19	1
Terphenyl-d14	107		32 - 117	10/08/14 18:49	10/09/14 18:19	1
2-Fluorophenol	74		28 - 98	10/08/14 18:49	10/09/14 18:19	1
Phenol-d5	66		23 - 101	10/08/14 18:49	10/09/14 18:19	1
2,4,6-Tribromophenol	76		37 - 114	10/08/14 18:49	10/09/14 18:19	1

Lab Sample ID: LCS 720-168453/2-A

Matrix: Solid

Analysis Batch: 168485

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 168453

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Phenol	1.33	1.08		mg/Kg		81	48 - 115
Bis(2-chloroethyl)ether	1.33	0.904		mg/Kg		68	45 - 115
2-Chlorophenol	1.33	1.02		mg/Kg		77	48 - 115
1,3-Dichlorobenzene	1.33	0.957		mg/Kg		72	41 - 115
1,4-Dichlorobenzene	1.33	0.885		mg/Kg		67	40 - 115
Benzyl alcohol	1.33	1.09		mg/Kg		82	51 - 115
1,2-Dichlorobenzene	1.33	0.967		mg/Kg		73	44 - 115
2-Methylphenol	1.33	1.07		mg/Kg		81	54 - 115
Methylphenol, 3 & 4	1.33	1.06		mg/Kg		80	42 - 115
N-Nitrosodi-n-propylamine	1.33	1.04		mg/Kg		78	46 - 115
Hexachloroethane	1.33	0.955		mg/Kg		72	44 - 115
Nitrobenzene	1.33	1.02		mg/Kg		76	48 - 115
Isophorone	1.33	1.07		mg/Kg		80	54 - 115
2-Nitrophenol	1.33	1.04		mg/Kg		79	48 - 115
2,4-Dimethylphenol	1.33	1.07		mg/Kg		81	52 - 115
Bis(2-chloroethoxy)methane	1.33	1.03		mg/Kg		78	46 - 115
2,4-Dichlorophenol	1.33	1.11		mg/Kg		83	49 - 100
1,2,4-Trichlorobenzene	1.33	1.01		mg/Kg		76	47 - 115

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60421-1

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

(Continued)

Lab Sample ID: LCS 720-168453/2-A

Matrix: Solid

Analysis Batch: 168485

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 168453

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Naphthalene	1.33	1.02		mg/Kg		77	44 - 115
4-Chloroaniline	1.33	0.974		mg/Kg		73	30 - 115
Hexachlorobutadiene	1.33	1.01		mg/Kg		76	44 - 115
4-Chloro-3-methylphenol	1.33	1.11		mg/Kg		84	58 - 115
2-Methylnaphthalene	1.33	1.03		mg/Kg		77	49 - 115
Hexachlorocyclopentadiene	1.33	1.10		mg/Kg		83	42 - 132
2,4,6-Trichlorophenol	1.33	1.13		mg/Kg		85	45 - 115
2,4,5-Trichlorophenol	1.33	1.18		mg/Kg		89	48 - 115
2-Chloronaphthalene	1.33	1.04		mg/Kg		78	52 - 115
2-Nitroaniline	1.33	1.16		mg/Kg		87	54 - 115
Dimethyl phthalate	1.33	1.18		mg/Kg		89	64 - 119
Acenaphthylene	1.33	1.10		mg/Kg		83	61 - 129
3-Nitroaniline	1.33	1.04		mg/Kg		78	50 - 115
Acenaphthene	1.33	1.09		mg/Kg		82	50 - 115
2,4-Dinitrophenol	2.66	0.924		mg/Kg		35	15 - 115
4-Nitrophenol	2.66	2.72		mg/Kg		102	54 - 125
Dibenzofuran	1.33	1.11		mg/Kg		83	55 - 115
2,4-Dinitrotoluene	1.33	1.20		mg/Kg		90	57 - 115
2,6-Dinitrotoluene	1.33	1.17		mg/Kg		88	54 - 119
Diethyl phthalate	1.33	1.17		mg/Kg		88	49 - 117
4-Chlorophenyl phenyl ether	1.33	1.15		mg/Kg		87	57 - 115
Fluorene	1.33	1.12		mg/Kg		84	54 - 115
4-Nitroaniline	1.33	1.19		mg/Kg		89	59 - 115
2-Methyl-4,6-dinitrophenol	2.66	1.77		mg/Kg		67	39 - 115
N-Nitrosodiphenylamine	1.33	1.19		mg/Kg		89	56 - 115
4-Bromophenyl phenyl ether	1.33	1.17		mg/Kg		88	53 - 115
Hexachlorobenzene	1.33	1.18		mg/Kg		89	55 - 115
Pentachlorophenol	2.66	2.19		mg/Kg		82	35 - 115
Phenanthrene	1.33	1.17		mg/Kg		88	54 - 115
Anthracene	1.33	1.16		mg/Kg		87	55 - 115
Di-n-butyl phthalate	1.33	1.24		mg/Kg		93	55 - 115
Fluoranthene	1.33	1.26		mg/Kg		94	52 - 130
Pyrene	1.33	1.29		mg/Kg		97	48 - 115
Butyl benzyl phthalate	1.33	1.25		mg/Kg		94	53 - 115
3,3'-Dichlorobenzidine	1.33	1.01		mg/Kg		76	42 - 115
Benzo[a]anthracene	1.33	1.18		mg/Kg		89	55 - 115
Bis(2-ethylhexyl) phthalate	1.33	1.42		mg/Kg		107	53 - 115
Chrysene	1.33	1.42		mg/Kg		107	58 - 115
Di-n-octyl phthalate	1.33	1.36		mg/Kg		102	53 - 115
Benzo[b]fluoranthene	1.33	1.33		mg/Kg		100	50 - 119
Benzo[a]pyrene	1.33	1.30		mg/Kg		98	57 - 122
Benzo[k]fluoranthene	1.33	1.31		mg/Kg		98	55 - 120
Indeno[1,2,3-cd]pyrene	1.33	1.32		mg/Kg		99	56 - 115
Benzo[g,h,i]perylene	1.33	1.36		mg/Kg		102	56 - 115
Benzoic acid	1.33	0.367		mg/Kg		28	10 - 115
Azobenzene	1.33	1.08		mg/Kg		81	52 - 115
Dibenz(a,h)anthracene	1.33	1.31		mg/Kg		98	57 - 121

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60421-1

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

(Continued)

Lab Sample ID: LCS 720-168453/2-A

Matrix: Solid

Analysis Batch: 168485

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 168453

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
Nitrobenzene-d5	81		21 - 98
2-Fluorobiphenyl	83		30 - 112
Terphenyl-d14	108		32 - 117
2-Fluorophenol	76		28 - 98
Phenol-d5	74		23 - 101
2,4,6-Tribromophenol	97		37 - 114

Method: 8015B - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 720-168497/1-A

Matrix: Solid

Analysis Batch: 168495

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 168497

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Diesel Range Organics [C10-C28]	ND		1.0		mg/Kg		10/09/14 09:48	10/09/14 18:21	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
p-Terphenyl	85		40 - 130	10/09/14 09:48	10/09/14 18:21	1

Lab Sample ID: LCS 720-168497/2-A

Matrix: Solid

Analysis Batch: 168495

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 168497

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
Diesel Range Organics [C10-C28]	83.3	69.3		mg/Kg		83	50 - 150

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
p-Terphenyl	100		40 - 130

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 720-168458/1-A

Matrix: Solid

Analysis Batch: 168611

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 168458

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Antimony	ND		0.50		mg/Kg		10/08/14 19:38	10/10/14 11:24	1
Arsenic	ND		1.0		mg/Kg		10/08/14 19:38	10/10/14 11:24	1
Beryllium	ND		0.10		mg/Kg		10/08/14 19:38	10/10/14 11:24	1
Cadmium	ND		0.13		mg/Kg		10/08/14 19:38	10/10/14 11:24	1
Chromium	ND		0.50		mg/Kg		10/08/14 19:38	10/10/14 11:24	1
Copper	ND		1.5		mg/Kg		10/08/14 19:38	10/10/14 11:24	1
Lead	ND		0.50		mg/Kg		10/08/14 19:38	10/10/14 11:24	1
Nickel	ND		0.50		mg/Kg		10/08/14 19:38	10/10/14 11:24	1
Selenium	ND		1.0		mg/Kg		10/08/14 19:38	10/10/14 11:24	1

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60421-1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: MB 720-168458/1-A
Matrix: Solid
Analysis Batch: 168611

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 168458

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.25		mg/Kg		10/08/14 19:38	10/10/14 11:24	1
Zinc	ND		1.5		mg/Kg		10/08/14 19:38	10/10/14 11:24	1

Lab Sample ID: LCS 720-168458/2-A
Matrix: Solid
Analysis Batch: 168611

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 168458

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	50.0	47.6		mg/Kg		95	80 - 120
Arsenic	50.0	50.7		mg/Kg		101	80 - 120
Beryllium	50.0	50.8		mg/Kg		102	80 - 120
Cadmium	50.0	50.7		mg/Kg		101	80 - 120
Chromium	50.0	51.3		mg/Kg		103	80 - 120
Copper	50.0	51.3		mg/Kg		103	80 - 120
Lead	50.0	52.2		mg/Kg		104	80 - 120
Nickel	50.0	51.6		mg/Kg		103	80 - 120
Selenium	50.0	49.4		mg/Kg		99	80 - 120
Silver	25.0	25.4		mg/Kg		102	80 - 120
Zinc	50.0	47.8		mg/Kg		96	80 - 120

Lab Sample ID: LCSD 720-168458/3-A
Matrix: Solid
Analysis Batch: 168611

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 168458

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	50.0	47.6		mg/Kg		95	80 - 120	0	20
Arsenic	50.0	49.6		mg/Kg		99	80 - 120	2	20
Beryllium	50.0	49.4		mg/Kg		99	80 - 120	3	20
Cadmium	50.0	50.2		mg/Kg		100	80 - 120	1	20
Chromium	50.0	50.2		mg/Kg		100	80 - 120	2	20
Copper	50.0	50.7		mg/Kg		101	80 - 120	1	20
Lead	50.0	51.4		mg/Kg		103	80 - 120	2	20
Nickel	50.0	50.7		mg/Kg		101	80 - 120	2	20
Selenium	50.0	48.8		mg/Kg		98	80 - 120	1	20
Silver	25.0	25.2		mg/Kg		101	80 - 120	1	20
Zinc	50.0	47.5		mg/Kg		95	80 - 120	1	20

Lab Sample ID: LCSSRM 720-168458/25-A
Matrix: Solid
Analysis Batch: 168611

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 168458

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	74.6	32.8		mg/Kg		44	11 - 101
Arsenic	45.5	44.1		mg/Kg		97	69 - 119
Beryllium	155	147		mg/Kg		95	56 - 102
Cadmium	201	190		mg/Kg		95	67 - 118
Chromium	106	100		mg/Kg		95	67 - 121
Copper	130	127		mg/Kg		98	68 - 126
Lead	302	285		mg/Kg		94	62 - 113

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60421-1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCSSRM 720-168458/25-A
Matrix: Solid
Analysis Batch: 168611

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 168458

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Nickel	305	286		mg/Kg		94	65 - 117
Selenium	133	127		mg/Kg		95	63 - 126
Silver	33.5	31.9		mg/Kg		95	51 - 130
Zinc	388	360		mg/Kg		93	62 - 110

Method: 7471A - Mercury (CVAA)

Lab Sample ID: MB 720-168522/1-A
Matrix: Solid
Analysis Batch: 168722

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 168522

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.010		mg/Kg		10/09/14 14:51	10/13/14 13:34	1

Lab Sample ID: LCS 720-168522/2-A
Matrix: Solid
Analysis Batch: 168722

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 168522

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.833	0.892		mg/Kg		107	80 - 120

Lab Sample ID: LCSD 720-168522/3-A
Matrix: Solid
Analysis Batch: 168722

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 168522

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.833	0.900		mg/Kg		108	80 - 120	1	20

Method: SM 4500 CN E - Cyanide, Total

Lab Sample ID: MB 500-258647/17-A
Matrix: Solid
Analysis Batch: 258915

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 258647

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.50		mg/Kg		10/10/14 13:00	10/11/14 12:55	1

Lab Sample ID: LCS 500-258647/18-A
Matrix: Solid
Analysis Batch: 258915

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 258647

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	5.00	4.93		mg/Kg		99	80 - 120

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60421-1

Method: SM 4500 CN E - Cyanide, Total (Continued)

Lab Sample ID: 720-60421-17 MS
Matrix: Solid
Analysis Batch: 258915

Client Sample ID: PLSB-5-10'
Prep Type: Total/NA
Prep Batch: 258647

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	ND		1.83	1.82		mg/Kg		100	75 - 125

Lab Sample ID: 720-60421-17 MSD
Matrix: Solid
Analysis Batch: 258915

Client Sample ID: PLSB-5-10'
Prep Type: Total/NA
Prep Batch: 258647

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cyanide, Total	ND		1.83	1.77		mg/Kg		97	75 - 125	3	20



QC Association Summary

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60421-1

GC/MS VOA

Analysis Batch: 168520

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60421-3	PLSB-1-10'	Total/NA	Solid	8260B	168557
720-60421-6	PLSB-1-15'	Total/NA	Solid	8260B	168557
720-60421-17	PLSB-5-10'	Total/NA	Solid	8260B	168557
720-60421-20	PLSB-5-15'	Total/NA	Solid	8260B	168557
720-60421-29	PLSB-2-8'	Total/NA	Solid	8260B	168557
720-60421-32	PLSB-2-12'	Total/NA	Solid	8260B	168557
720-60421-45	PLSB-3-10'	Total/NA	Solid	8260B	168557
720-60421-50	PLSB-3-24'	Total/NA	Solid	8260B	168557
LCS 720-168520/5	Lab Control Sample	Total/NA	Solid	8260B	
LCS D 720-168520/6	Lab Control Sample Dup	Total/NA	Solid	8260B	
MB 720-168520/4	Method Blank	Total/NA	Solid	8260B	

Prep Batch: 168557

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60421-3	PLSB-1-10'	Total/NA	Solid	5035	
720-60421-6	PLSB-1-15'	Total/NA	Solid	5035	
720-60421-17	PLSB-5-10'	Total/NA	Solid	5035	
720-60421-20	PLSB-5-15'	Total/NA	Solid	5035	
720-60421-29	PLSB-2-8'	Total/NA	Solid	5035	
720-60421-32	PLSB-2-12'	Total/NA	Solid	5035	
720-60421-45	PLSB-3-10'	Total/NA	Solid	5035	
720-60421-50	PLSB-3-24'	Total/NA	Solid	5035	

GC/MS Semi VOA

Prep Batch: 168453

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60421-17	PLSB-5-10'	Total/NA	Solid	3546	
720-60421-20	PLSB-5-15'	Total/NA	Solid	3546	
LCS 720-168453/2-A	Lab Control Sample	Total/NA	Solid	3546	
MB 720-168453/1-A	Method Blank	Total/NA	Solid	3546	

Analysis Batch: 168485

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 720-168453/2-A	Lab Control Sample	Total/NA	Solid	8270C	168453
MB 720-168453/1-A	Method Blank	Total/NA	Solid	8270C	168453

Analysis Batch: 168588

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60421-17	PLSB-5-10'	Total/NA	Solid	8270C	168453
720-60421-20	PLSB-5-15'	Total/NA	Solid	8270C	168453

GC Semi VOA

Analysis Batch: 168495

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60421-3	PLSB-1-10'	Total/NA	Solid	8015B	168497
720-60421-6	PLSB-1-15'	Total/NA	Solid	8015B	168497
720-60421-29	PLSB-2-8'	Total/NA	Solid	8015B	168497
LCS 720-168497/2-A	Lab Control Sample	Total/NA	Solid	8015B	168497

TestAmerica Pleasanton

QC Association Summary

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60421-1

GC Semi VOA (Continued)

Analysis Batch: 168495 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-168497/1-A	Method Blank	Total/NA	Solid	8015B	168497

Prep Batch: 168497

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60421-3	PLSB-1-10'	Total/NA	Solid	3546	
720-60421-6	PLSB-1-15'	Total/NA	Solid	3546	
720-60421-29	PLSB-2-8'	Total/NA	Solid	3546	
720-60421-32	PLSB-2-12'	Total/NA	Solid	3546	
720-60421-45	PLSB-3-10'	Total/NA	Solid	3546	
720-60421-50	PLSB-3-24'	Total/NA	Solid	3546	
LCS 720-168497/2-A	Lab Control Sample	Total/NA	Solid	3546	
MB 720-168497/1-A	Method Blank	Total/NA	Solid	3546	

Analysis Batch: 168582

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60421-32	PLSB-2-12'	Total/NA	Solid	8015B	168497
720-60421-45	PLSB-3-10'	Total/NA	Solid	8015B	168497
720-60421-50	PLSB-3-24'	Total/NA	Solid	8015B	168497

Metals

Prep Batch: 168458

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60421-17	PLSB-5-10'	Total/NA	Solid	3050B	
720-60421-20	PLSB-5-15'	Total/NA	Solid	3050B	
LCS 720-168458/2-A	Lab Control Sample	Total/NA	Solid	3050B	
LCSD 720-168458/3-A	Lab Control Sample Dup	Total/NA	Solid	3050B	
LCSSRM 720-168458/25-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 720-168458/1-A	Method Blank	Total/NA	Solid	3050B	

Prep Batch: 168522

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60421-17	PLSB-5-10'	Total/NA	Solid	7471A	
720-60421-20	PLSB-5-15'	Total/NA	Solid	7471A	
LCS 720-168522/2-A	Lab Control Sample	Total/NA	Solid	7471A	
LCSD 720-168522/3-A	Lab Control Sample Dup	Total/NA	Solid	7471A	
MB 720-168522/1-A	Method Blank	Total/NA	Solid	7471A	

Analysis Batch: 168611

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 720-168458/2-A	Lab Control Sample	Total/NA	Solid	6010B	168458
LCSD 720-168458/3-A	Lab Control Sample Dup	Total/NA	Solid	6010B	168458
LCSSRM 720-168458/25-A	Lab Control Sample	Total/NA	Solid	6010B	168458
MB 720-168458/1-A	Method Blank	Total/NA	Solid	6010B	168458

Analysis Batch: 168675

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60421-17	PLSB-5-10'	Total/NA	Solid	6010B	168458

TestAmerica Pleasanton

QC Association Summary

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60421-1

Metals (Continued)

Analysis Batch: 168722

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60421-17	PLSB-5-10'	Total/NA	Solid	7471A	168522
720-60421-20	PLSB-5-15'	Total/NA	Solid	7471A	168522
LCS 720-168522/2-A	Lab Control Sample	Total/NA	Solid	7471A	168522
LCSD 720-168522/3-A	Lab Control Sample Dup	Total/NA	Solid	7471A	168522
MB 720-168522/1-A	Method Blank	Total/NA	Solid	7471A	168522

Analysis Batch: 168727

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60421-20	PLSB-5-15'	Total/NA	Solid	6010B	168458

General Chemistry

Prep Batch: 258647

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60421-17	PLSB-5-10'	Total/NA	Solid	Distill/CN	
720-60421-17 MS	PLSB-5-10'	Total/NA	Solid	Distill/CN	
720-60421-17 MSD	PLSB-5-10'	Total/NA	Solid	Distill/CN	
720-60421-20	PLSB-5-15'	Total/NA	Solid	Distill/CN	
LCS 500-258647/18-A	Lab Control Sample	Total/NA	Solid	Distill/CN	
MB 500-258647/17-A	Method Blank	Total/NA	Solid	Distill/CN	

Analysis Batch: 258915

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60421-17	PLSB-5-10'	Total/NA	Solid	SM 4500 CN E	258647
720-60421-17 MS	PLSB-5-10'	Total/NA	Solid	SM 4500 CN E	258647
720-60421-17 MSD	PLSB-5-10'	Total/NA	Solid	SM 4500 CN E	258647
720-60421-20	PLSB-5-15'	Total/NA	Solid	SM 4500 CN E	258647
LCS 500-258647/18-A	Lab Control Sample	Total/NA	Solid	SM 4500 CN E	258647
MB 500-258647/17-A	Method Blank	Total/NA	Solid	SM 4500 CN E	258647

Lab Chronicle

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60421-1

Client Sample ID: PLSB-1-10'

Lab Sample ID: 720-60421-3

Date Collected: 10/07/14 08:45

Matrix: Solid

Date Received: 10/07/14 17:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			168557	10/08/14 12:30	LPL	TAL PLS
Total/NA	Analysis	8260B		1	168520	10/09/14 22:46	PDR	TAL PLS
Total/NA	Prep	3546			168497	10/09/14 09:48	JRM	TAL PLS
Total/NA	Analysis	8015B		1	168495	10/10/14 00:40	JL	TAL PLS

Client Sample ID: PLSB-1-15'

Lab Sample ID: 720-60421-6

Date Collected: 10/07/14 08:50

Matrix: Solid

Date Received: 10/07/14 17:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			168557	10/08/14 12:30	LPL	TAL PLS
Total/NA	Analysis	8260B		1	168520	10/09/14 23:16	PDR	TAL PLS
Total/NA	Prep	3546			168497	10/09/14 09:48	JRM	TAL PLS
Total/NA	Analysis	8015B		1	168495	10/10/14 01:09	JL	TAL PLS

Client Sample ID: PLSB-5-10'

Lab Sample ID: 720-60421-17

Date Collected: 10/07/14 10:40

Matrix: Solid

Date Received: 10/07/14 17:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			168557	10/08/14 12:30	LPL	TAL PLS
Total/NA	Analysis	8260B		1	168520	10/09/14 23:46	PDR	TAL PLS
Total/NA	Prep	3546			168453	10/08/14 18:49	AFM	TAL PLS
Total/NA	Analysis	8270C		1	168588	10/10/14 15:13	MQL	TAL PLS
Total/NA	Prep	3050B			168458	10/08/14 19:38	CTD	TAL PLS
Total/NA	Analysis	6010B		4	168675	10/10/14 18:16	CAM	TAL PLS
Total/NA	Prep	7471A			168522	10/09/14 14:51	ECT	TAL PLS
Total/NA	Analysis	7471A		1	168722	10/13/14 14:20	EFH	TAL PLS
Total/NA	Prep	Distill/CN			258647	10/10/14 13:00	EAT	TAL CHI
Total/NA	Analysis	SM 4500 CN E		1	258915		EAT	TAL CHI
					(Start)	10/11/14 12:56		
					(End)	10/11/14 12:56		

Client Sample ID: PLSB-5-15'

Lab Sample ID: 720-60421-20

Date Collected: 10/07/14 10:48

Matrix: Solid

Date Received: 10/07/14 17:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			168557	10/08/14 12:30	LPL	TAL PLS
Total/NA	Analysis	8260B		1	168520	10/10/14 00:15	PDR	TAL PLS
Total/NA	Prep	3546			168453	10/08/14 18:50	AFM	TAL PLS
Total/NA	Analysis	8270C		1	168588	10/10/14 15:37	MQL	TAL PLS
Total/NA	Prep	3050B			168458	10/08/14 19:38	CTD	TAL PLS

TestAmerica Pleasanton

Lab Chronicle

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60421-1

Client Sample ID: PLSB-5-15'

Lab Sample ID: 720-60421-20

Date Collected: 10/07/14 10:48

Matrix: Solid

Date Received: 10/07/14 17:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	6010B		1	168727	10/13/14 16:10	CAM	TAL PLS
Total/NA	Prep	7471A			168522	10/09/14 14:51	ECT	TAL PLS
Total/NA	Analysis	7471A		1	168722	10/13/14 14:23	EFH	TAL PLS
Total/NA	Prep	Distill/CN			258647	10/10/14 13:00	EAT	TAL CHI
Total/NA	Analysis	SM 4500 CN E		1	258915		EAT	TAL CHI
					(Start)	10/11/14 12:56		
					(End)	10/11/14 12:57		

Client Sample ID: PLSB-2-8'

Lab Sample ID: 720-60421-29

Date Collected: 10/07/14 12:30

Matrix: Solid

Date Received: 10/07/14 17:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			168557	10/08/14 12:30	LPL	TAL PLS
Total/NA	Analysis	8260B		1	168520	10/10/14 00:46	PDR	TAL PLS
Total/NA	Prep	3546			168497	10/09/14 09:48	JRM	TAL PLS
Total/NA	Analysis	8015B		1	168495	10/10/14 01:38	JL	TAL PLS

Client Sample ID: PLSB-2-12'

Lab Sample ID: 720-60421-32

Date Collected: 10/07/14 12:50

Matrix: Solid

Date Received: 10/07/14 17:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			168557	10/08/14 12:30	LPL	TAL PLS
Total/NA	Analysis	8260B		1	168520	10/10/14 01:15	PDR	TAL PLS
Total/NA	Prep	3546			168497	10/09/14 09:48	JRM	TAL PLS
Total/NA	Analysis	8015B		5	168582	10/10/14 16:22	JL	TAL PLS

Client Sample ID: PLSB-3-10'

Lab Sample ID: 720-60421-45

Date Collected: 10/07/14 13:55

Matrix: Solid

Date Received: 10/07/14 17:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			168557	10/08/14 12:30	LPL	TAL PLS
Total/NA	Analysis	8260B		1	168520	10/10/14 01:45	PDR	TAL PLS
Total/NA	Prep	3546			168497	10/09/14 09:48	JRM	TAL PLS
Total/NA	Analysis	8015B		10	168582	10/10/14 16:47	JL	TAL PLS

TestAmerica Pleasanton

Lab Chronicle

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60421-1

Client Sample ID: PLSB-3-24'

Lab Sample ID: 720-60421-50

Date Collected: 10/07/14 14:20

Matrix: Solid

Date Received: 10/07/14 17:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			168557	10/08/14 12:30	LPL	TAL PLS
Total/NA	Analysis	8260B		1	168520	10/10/14 02:15	PDR	TAL PLS
Total/NA	Prep	3546			168497	10/09/14 09:48	JRM	TAL PLS
Total/NA	Analysis	8015B		1	168582	10/10/14 15:58	JL	TAL PLS

Laboratory References:

TAL CHI = TestAmerica Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

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Certification Summary

Client: URS Corporation
 Project/Site: Philips San Jose

TestAmerica Job ID: 720-60421-1

Laboratory: TestAmerica Pleasanton

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

Authority	Program	EPA Region	Certification ID	Expiration Date
California	State Program	9	2496	01-31-16

Analysis Method	Prep Method	Matrix	Analyte

Laboratory: TestAmerica Chicago

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Alabama	State Program	4	40461	04-30-15
California	State Program	9	2903	04-30-15
Georgia	State Program	4	N/A	04-30-15
Georgia	State Program	4	939	04-30-15
Hawaii	State Program	9	N/A	04-30-15
Illinois	NELAP	5	100201	04-30-15
Indiana	State Program	5	C-IL-02	04-30-15
Iowa	State Program	7	82	05-01-16
Kansas	NELAP	7	E-10161	10-31-14 *
Kentucky (UST)	State Program	4	66	04-30-15
Kentucky (WW)	State Program	4	KY90023	12-31-14 *
Massachusetts	State Program	1	M-IL035	06-30-15
Mississippi	State Program	4	N/A	04-30-15
New York	NELAP	2	IL00035	03-31-15
North Carolina (WW/SW)	State Program	4	291	12-31-14 *
North Dakota	State Program	8	R-194	04-30-15
Oklahoma	State Program	6	8908	08-31-15
South Carolina	State Program	4	77001	04-30-15
USDA	Federal		P330-12-00038	02-06-15
Wisconsin	State Program	5	999580010	08-31-15 *
Wyoming	State Program	8	8TMS-Q	04-30-15

* Certification renewal pending - certification considered valid.

Method Summary

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60421-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL PLS
8270C	Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	SW846	TAL PLS
8015B	Diesel Range Organics (DRO) (GC)	SW846	TAL PLS
6010B	Metals (ICP)	SW846	TAL PLS
7471A	Mercury (CVAA)	SW846	TAL PLS
SM 4500 CN E	Cyanide, Total	SM	TAL CHI

Protocol References:

SM = "Standard Methods For The Examination Of Water And Wastewater",

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

Laboratory References:

TAL CHI = TestAmerica Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919



Sample Summary

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60421-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-60421-3	PLSB-1-10'	Solid	10/07/14 08:45	10/07/14 17:45
720-60421-6	PLSB-1-15'	Solid	10/07/14 08:50	10/07/14 17:45
720-60421-17	PLSB-5-10'	Solid	10/07/14 10:40	10/07/14 17:45
720-60421-20	PLSB-5-15'	Solid	10/07/14 10:48	10/07/14 17:45
720-60421-29	PLSB-2-8'	Solid	10/07/14 12:30	10/07/14 17:45
720-60421-32	PLSB-2-12'	Solid	10/07/14 12:50	10/07/14 17:45
720-60421-45	PLSB-3-10'	Solid	10/07/14 13:55	10/07/14 17:45
720-60421-50	PLSB-3-24'	Solid	10/07/14 14:20	10/07/14 17:45

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TESTAMERICA Pleasanton Chain of Custody
 1220 Quarry Lane • Pleasanton CA 94566-4756
 Phone: (925) 481-1918 Fax: (925) 600-3002

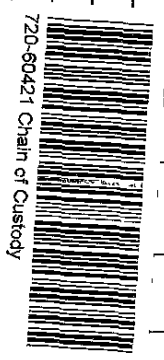
Reference #: 156762
 Date: 10/7/14 Page 1 of 6

Report To

Analysis Request

Attn: Eric Seyer
 Company: URS
 Address: One Montgomery, SE, CA, 94104
 Email: ERIC.SEYER@URS.COM
 Bill To:
 Sampled By: ERS/ES
 Phone: 415-243-3846

Sample ID	Date	Time	Mat	Preserv	Volatile Organics GC/MS (VOCs)	HVOCs by	EPA 8260B:	SemiVolatile Organics GC/MS	PNA/PAH's by	Oil and Grease	Pesticides	CAM17 Metals	Metals:	Metals:	Hex. Chrom by	pH	Spec. Cond.	Anions:	Perchlorate by	COD	Turbidity	Number of Containers
Q15B-1-14	10/7/14	830	5		<input type="checkbox"/> EPA 8260B	<input type="checkbox"/> EPA 8260B	EPA 8260B: <input type="checkbox"/> Gas, <input checked="" type="checkbox"/> STEX <input checked="" type="checkbox"/> Oxygenates <input type="checkbox"/> DCA, EDB <input type="checkbox"/> Ethanol <u>MTBE</u>	<input type="checkbox"/> EPA 8015B <input type="checkbox"/> Silica Gel <input checked="" type="checkbox"/> Diesel <input type="checkbox"/> Motor Oil <input type="checkbox"/> Other	<input type="checkbox"/> 8270C <input type="checkbox"/> 8270C SIM	<input type="checkbox"/> Petroleum (EPA 1864/9071) <input type="checkbox"/> Total	<input type="checkbox"/> EPA 8081 <input type="checkbox"/> EPA 8082	CAM17 Metals (EPA 6010/7470/7471)	<input type="checkbox"/> 6010B <input type="checkbox"/> 200.7 <input type="checkbox"/> Lead <input type="checkbox"/> LUFT <input type="checkbox"/> RCRA <input type="checkbox"/> Other:	<input type="checkbox"/> 6020 <input type="checkbox"/> 200.8 (ICP-MS);	<input type="checkbox"/> EPA 7196 <input type="checkbox"/> or EPA 7199	<input type="checkbox"/> 9040 <input type="checkbox"/> SM4500	<input type="checkbox"/> Spec. Cond. <input type="checkbox"/> Alkalinity <input type="checkbox"/> TSS <input type="checkbox"/> SS <input type="checkbox"/> TDS	<input type="checkbox"/> Cl <input type="checkbox"/> SO ₄ <input type="checkbox"/> NO ₃ <input type="checkbox"/> F <input type="checkbox"/> Br <input type="checkbox"/> NO ₂ <input type="checkbox"/> PO ₄	<input type="checkbox"/> Perchlorate by EPA 314.0	<input type="checkbox"/> EPA 410.4 <input type="checkbox"/> SM5220D <input type="checkbox"/> Turbidity		1
Q15B-1-73		832	1																			1
Q15B-1-1D		846	1																			1
Q15B-1-12		847	1																			1
Q15B-1-13		850	1																			1
Q15B-1-15		850	1																			1
Q15B-1-16		850	1																			1
Q15B-1-18		850	1																			1
Q15B-1-19		850	1																			1
Q15B-1-21		853	1																			1



Project Info.

Sample Receipt

Project Name: Phillips Sam Jose
 # of Containers: 26
 Head Space: Temp: 26 / 5.30
 PO#: H96607
 Credit Card V/N: Temp: 26 / 5.30

1) Relinquished by: [Signature] Time: 1630
 Signature: [Signature] Date: 10/7/14
 Printed Name: Devin Brubaker
 Company: URS

2) Relinquished by: [Signature] Time: 1745
 Signature: [Signature] Date: 10/7/14
 Printed Name: EMK
 Company: DCS

3) Relinquished by: [Signature] Time: 1745
 Signature: [Signature] Date: 10/7/14
 Printed Name: EMK
 Company: DCS

T	A	Day	Day	Day	Day	Day	Day	Other:
10	5	4	3	2	1			

1) Received by: [Signature] Time: 1630
 Signature: [Signature] Date: 10/7/14
 Printed Name: EMK
 Company: DCS/TESTAMERICA

2) Received by: [Signature] Time: 1745
 Signature: [Signature] Date: 10/7/14
 Printed Name: Devin Brubaker
 Company: URS

3) Received by: [Signature] Time: 1745
 Signature: [Signature] Date: 10/7/14
 Printed Name: EMK
 Company: DCS

Report: Routine Level 3 Level 4 EDD EDF
 Special Instructions / Comments: Global ID _____

Report: Routine Level 3 Level 4 EDD EDF
 Special Instructions / Comments: Global ID _____

See Terms and Conditions on reverse

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TESTAMERICA Pleasanton Chain of Custody
 1220 Quarry Lane • Pleasanton CA 94566-4756
 (925) 484-1119 Fax: (925) 600-3002
728-6042

Reference #: 156762
 Date: 10/7/14 Page 2 of 6

Report To

Attn: WYV EYON

Company: WES

Address: One Montgomery, St. Lk, 94104

Email: KAY.SKOL@WES.COM

Bill To: Sampled By: *WES*

Phone: 415-243-3843

Sample ID	Date	Time	Met	Preserv
<u>Q15B-1-22.5'</u>	<u>10/7/14</u>	<u>855</u>	<u>S</u>	
<u>Q15B-1-24'</u>	<u>10/7/14</u>	<u>900</u>		
<u>Q15B-1-25'</u>		<u>900</u>		
<u>Q15B-3-6'</u>		<u>1030</u>		
<u>Q15B-3-7.5'</u>		<u>1035</u>		
<u>Q15B-3-9'</u>		<u>1037</u>		
<u>Q15B-3-10'</u>		<u>1040</u>		
<u>Q15B-3-12'</u>		<u>1043</u>		
<u>Q15B-3-13.5'</u>		<u>1045</u>		
<u>Q15B-3-15'</u>		<u>1048</u>		

<input checked="" type="checkbox"/> EPA 8260B	<input type="checkbox"/> EPA 8260B	<input type="checkbox"/> EPA 8015B <input type="checkbox"/> Silica Gel <input type="checkbox"/> Diesel <input type="checkbox"/> Motor Oil <input type="checkbox"/> Other	<input checked="" type="checkbox"/> EPA 8270C	<input type="checkbox"/> 8270C <input type="checkbox"/> 8270C SIM	<input type="checkbox"/> Petroleum (EPA 1664/9071) <input type="checkbox"/> Total	<input type="checkbox"/> EPA 8081 <input type="checkbox"/> EPA 8082	CAM17 Metals (EPA 6010/7470/7471)	Metals: <input checked="" type="checkbox"/> 6010B <input type="checkbox"/> 200.7 <input type="checkbox"/> Lead <input type="checkbox"/> LUFT <input type="checkbox"/> RCRA <input type="checkbox"/> Other: <u>*See special mst.</u>	Metals: <input type="checkbox"/> 6020 <input type="checkbox"/> 200.8 (ICP-MS):	<input type="checkbox"/> W.E.T (STLC) <input type="checkbox"/> W.E.T (DI) <input type="checkbox"/> TCLP	Hex. Chrom by <input type="checkbox"/> EPA 7196 <input type="checkbox"/> or EPA 7199	pH <input type="checkbox"/> 9040 <input type="checkbox"/> SM4500	<input type="checkbox"/> Spec. Cond. <input type="checkbox"/> Alkalinity <input type="checkbox"/> TSS <input type="checkbox"/> SS <input type="checkbox"/> TDS	Anions: <input type="checkbox"/> Cl <input type="checkbox"/> SO ₄ <input type="checkbox"/> NO ₃ <input type="checkbox"/> F <input type="checkbox"/> Br <input type="checkbox"/> NO ₂ <input type="checkbox"/> PO ₄	<u>Cyanide</u> <input checked="" type="checkbox"/> Perchlorate by EPA 8449.	COD <input type="checkbox"/> EPA 410.4 <input type="checkbox"/> SM5220D <input type="checkbox"/> Turbidity	
---	------------------------------------	--	---	---	---	---	-----------------------------------	---	--	---	--	--	--	--	--	--	--

Project Name / #	# of Containers:	Head Space:	Temp:	1) Relinquished by:	Signature	Time	2) Relinquished by:	Signature	Time	3) Relinquished by:	Signature	Time	Number of Containers
<u>Phillips Sew Sore</u>				<u>1) Received by:</u>	<u>EMAL</u>	<u>1630</u>	<u>2) Received by:</u>	<u>EMAL</u>	<u>1745</u>	<u>3) Received by:</u>			
				<u>Signature</u>	<u>EMAL</u>	<u>1630</u>	<u>Signature</u>	<u>EMAL</u>	<u>1745</u>	<u>Signature</u>			
				<u>Printed Name</u>	<u>EMAL</u>	<u>10/7/14</u>	<u>Printed Name</u>	<u>EMAL</u>	<u>10/7/14</u>	<u>Printed Name</u>			
				<u>Company</u>	<u>WES</u>		<u>Company</u>	<u>WES</u>		<u>Company</u>			

Project Info:

Project Name / #: Phillips Sew Sore

Head Space: _____

Temp: _____

PO#: 14966617

Credit Card V/N: _____

If yes, please call with payment information ASAP

Sample Receipt:

1) Received by: EMAL 1630

Signature: [Signature] Time: 1630

Printed Name: EMAL Date: 10/7/14

Company: WES

2) Received by: EMAL 1745

Signature: [Signature] Time: 1745

Printed Name: EMAL Date: 10/7/14

Company: WES

3) Received by: _____

Signature: _____ Time: _____

Printed Name: _____ Date: _____

Company: _____

Special Instructions / Comments:

Report: Routine Level 3 Level 4 EDD EDF

Special Instructions / Comments: _____

Global ID: _____

See Terms and Conditions on reverse

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TESTAMERICA Pleasanton Chain of Custody
 1220 Quarry Lane • Pleasanton CA 94566-4756
 Phone: 925-484-1999 Fax: 925-500-9002
 726-608421

Reference #: 156762
 Date: 10/7/14 Page 3 of 6

10/13/2014

Report To

Attn: Yvonne Green
 Company: WES
 Address: One Management 58, CA 94504
 Email: YVONNE.GREEN@WES.COM
 Bill To:
 Sampled By: ES/ES
 Phone: 415-243-3245

Analysis Request

Volatile Organics GC/MS (VOCs)
 EPA 8260B
 HVOcs by EPA 8260B
 EPA 8260B: Gas ATEX
 Hydrocarbons DCA, EDB Ethanol
 MIBK
 TEPH EPA 8016B Silica Gel
 Diesel Motor Oil Other
 SemiVolatile Organics GC/MS
 EPA 8270C
 PNA/PAH's by 8270C
 8270C SIM
 Oil and Grease Petroleum
 (EPA 1664/9071) Total
 Pesticides EPA 8081
 PCBs EPA 8082
 CAM17 Metals
 (EPA 6010/7470/7471)
 Metals: 6010B 200.7
 Lead LUFT RCRA Other:
 Metals: 6020 200.8
 (ICP-MS):
 W.E.T (STLC)
 W.E.T (DI) TCLP
 Hex. Chrom by EPA 7196
 or EPA 7199
 pH 9040
 SM4500
 Spec. Cond. Alkalinity
 TSS SS TDS
 Anions: Cl SO₄ NO₃ F
 Br NO₂ PO₄
 Perchlorate by EPA 314.0
 COD EPA 410.4 SM5220D
 Turbidity

Sample ID	Date	Time	Mat	Preserv	Number of Containers
Q15B-1655-107/14	10/7/14	10:33	S		3
Q15B-5-181		10:53			1
Q15B-5-19.51		11:00			1
Q15B-5-211		11:05			1
Q15B-5-22.51		11:10			1
Q15B-5-241		11:10			1
Q15B-5-251		11:25			1
Q15B-2-61		12:25			1
Q15B-2-81		12:30			1
Q15B-2-9.5		12:40		Mech	1

Project Info

Project Name: # _____
 # of Containers: _____
 Head Space: _____
 PO#: 149666
 Temp: _____
 Credit Card Y/N: _____
 If yes, please call with payment information ASAP

1) Relinquished by: [Signature] Time 10:30
 Signature: [Signature]
 Printed Name: Tom Boniger Date: 10-7-14
 Company: WES

2) Relinquished by: [Signature] Time 1745
 Signature: [Signature]
 Printed Name: EMAL Date: 10/7/14
 Company: DCS

3) Relinquished by: _____
 Signature: _____
 Printed Name: _____ Date: _____
 Company: _____

T	A	10	5	4	3	2	1	Other
		Day	Day	Day	Day	Day	Day	

Report: Routine Level 3 Level 4 EDD EDF
 Special Instructions / Comments: Global ID _____

See Terms and Conditions on reverse

Signature: _____ Time: _____
 Printed Name: _____ Date: _____
 Company: _____

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TESTAMERICA Pleasanton Chain of Custody

1220 Quarry Lane • Pleasanton CA 94566-4756

Phone: (925) 484-1919 Fax: (925) 500-8002

726-60429

Reference #: 156762

Date 10/7/14 Page 4 of 6

10/13/2014

Report To

Analysis Request

Attn: Eric Skov

Company: URS

Address: One Montgomery St, CA, 94104

Email: Eric Skov@URS.com

Bill To: URS

Phone: 415-243-3845

Sample ID: Q15B-2-11

Date: 10/7/14

Time: 12:35

Mat: 5

Preserv: MeOH

Volatile Organics GC/MS (VOCs)

EPA 8260B

HVOCs by EPA 8260B

EPA 8260B: Gas BTEX

Organics DCA, EDB Ethanol

TEPH EPA 8015B Silica Gel

Diesel Motor Oil Other

SemiVolatile Organics GC/MS

EPA 8270C

PNA/PAH's by 8270C

8270C SIM

Oil and Grease Petroleum

(EPA 1664/9071) Total

Pesticides EPA 8081

PCBs EPA 8082

CAM17 Metals (EPA 6010/7470/7471)

Metals: 6010B 200.7

Lead LUFT RCRA Other

Metals: 6020 200.8 (ICP-MS)

W.E.T (STLC)

W.E.T (DI) TCLP

Hex. Chrom by EPA 7196

or EPA 7199

pH 9040

SM4500

Spec. Cond. Alkalinity

TSS SS TDS

Anions: Cl SO₄ NO₃ F

Br NO₂ PO₄

Perchlorate by EPA 314.0

COD EPA 410.4 SM5220D

Turbidity

Hold

Number of Containers

Sample ID	Date	Time	Mat	Preserv	Volatile Organics GC/MS (VOCs)	HVOCs by	EPA 8260B	TEPH EPA 8015B	SemiVolatile Organics GC/MS	PNA/PAH's by	Oil and Grease	Pesticides	PCBs	CAM17 Metals	Metals	Metals	W.E.T (STLC)	W.E.T (DI)	TCLP	Hex. Chrom by	pH	Spec. Cond.	Alkalinity	TSS	SS	TDS	Anions	Perchlorate by	COD	EPA 410.4	SM5220D	Turbidity				
Q15B-2-11	10/7/14	12:35	5	MeOH																																
Q15B-2-12																																				
Q15B-2-13.5																																				
Q15B-2-15																																				
Q15B-2-16.5																																				
Q15B-2-18																																				
Q15B-2-19.5																																				
Q15B-2-21																																				
Q15B-2-22.5																																				
Q15B-2-24																																				

Project Info.

Project Name/ #: Phillips Sew Jose

of Containers: 5

Head Space: Temp:

PO#: 14966617

Temp: 1630

Signature: [Signature]

Printed Name: [Name]

Date: 10/7/14

Company: URS

Signature: [Signature]

Printed Name: [Name]

Date: 10/7/14

Company: URS

Signature: [Signature]

Printed Name: [Name]

Date: 10/7/14

Company: URS

Signature: [Signature]

Printed Name: [Name]

Date: 10/7/14

Company: URS

1) Relinquished by:

Signature: [Signature]

Printed Name: [Name]

Date: 10/7/14

Company: URS

2) Relinquished by:

Signature: [Signature]

Printed Name: [Name]

Date: 10/7/14

Company: URS

3) Relinquished by:

Signature: [Signature]

Printed Name: [Name]

Date: 10/7/14

Company: URS

See Terms and Conditions on reverse

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TESTAMERICA Pleasanton Chain of Custody

1220 Quarry Lane • Pleasanton CA 94566-4756
 Phone: 925-484-1919 Fax: 925-660-0002

720-60421

Reference #: 156762
 Date: 10/7/14 Page 5 of 6

10/13/2014

Report To

Attn: Kyle Steen
 Company: URS
 Address: One Montgomery St, CA 94104
 Email: k.k.steen@urs.com
 Bill To:
 Attn: Phone:
 Sampled 10/5/14

<input type="checkbox"/> Volatile Organics GC/MS (VOCs) <input type="checkbox"/> EPA 8260B HVOCs by <input type="checkbox"/> EPA 8260B EPA 8260B: <input type="checkbox"/> Gas <input type="checkbox"/> BTEX <input checked="" type="checkbox"/> 5 Organics <input type="checkbox"/> DCA, EDB <input type="checkbox"/> Ethanol <u>MTBE</u> TEPH EPA 8015B <input type="checkbox"/> Silica Gel <input checked="" type="checkbox"/> Diesel <input type="checkbox"/> Motor Oil <input type="checkbox"/> Other SemiVolatile Organics GC/MS <input type="checkbox"/> EPA 8270C PNA/PAH's by <input type="checkbox"/> 8270C <input type="checkbox"/> 8270C SIM Oil and Grease <input type="checkbox"/> Petroleum (EPA 1664/8071) <input type="checkbox"/> Total Pesticides <input type="checkbox"/> EPA 8081 PCBs <input type="checkbox"/> EPA 8082 CAM17 Metals (EPA 6010/7470/7471) Metals: <input type="checkbox"/> 6010B <input type="checkbox"/> 200.7 <input type="checkbox"/> Lead <input type="checkbox"/> LUFT <input type="checkbox"/> RCRA <input type="checkbox"/> Other: Metals: <input type="checkbox"/> 6020 <input type="checkbox"/> 200.8 (ICP-MS): <input type="checkbox"/> W.E.T (STLC) <input type="checkbox"/> W.E.T (DI) <input type="checkbox"/> TCLP Hex Chrom by <input type="checkbox"/> EPA 7196 <input type="checkbox"/> or EPA 7199 pH <input type="checkbox"/> 9040 <input type="checkbox"/> SM4500 <input type="checkbox"/> Spec. Cond. <input type="checkbox"/> Alkalinity <input type="checkbox"/> TSS <input type="checkbox"/> SS <input type="checkbox"/> TDS Anions: <input type="checkbox"/> Cl <input type="checkbox"/> SO ₄ <input type="checkbox"/> NO ₃ <input type="checkbox"/> F <input type="checkbox"/> Br <input type="checkbox"/> NO ₂ <input type="checkbox"/> PO ₄ <input type="checkbox"/> Perchlorate by EPA 314.0 COD <input type="checkbox"/> EPA 410.4 <input type="checkbox"/> SM5220D <input type="checkbox"/> Turbidity	Number of Containers
---	----------------------

Sample ID	Date	Time	Mat	Preserv	
Q1SB-2-25	10/7/14	1330	S		XXX
Q1SB-3-1.5		1340			XXX
Q1SB-3-3		1345			XXX
Q1SB-3-4.5		1348			XXX
Q1SB-3-10		1355		MeOH	XXX
Q1SB-3-11.5		1400			XXX
Q1SB-3-13		1403			XXX
Q1SB-3-20		1410			XXX
Q1SB-3-22		1415			XXX
Q1SB-3-24		1420		MeOH	XXX

Project Info.

Project Name/ #: Philips San Jose
 Head Space:
 PO#: 14966617
 Temp:
 Credit Card Y/N:
 If yes, please call with payment information ASAP

1) Relinquished by: Signature: <u>[Signature]</u> Time: <u>1030</u> Printed Name: <u>John Smiger</u> Date: <u>10/7/14</u> Company: <u>URS</u>	2) Relinquished by: Signature: <u>[Signature]</u> Time: <u>1245</u> Printed Name: <u>EMNL</u> Date: <u>10/7/14</u> Company: <u>DCS</u>
--	---

T 10 Day 5 Day 4 Day 3 Day 2 Day 1 Day Other: Report: <input type="checkbox"/> Routine <input type="checkbox"/> Level 3 <input type="checkbox"/> Level 4 <input type="checkbox"/> EDD <input type="checkbox"/> EDF Special Instructions / Comments: <input type="checkbox"/> Global ID See Terms and Conditions on reverse	1) Received by: Signature: <u>EMNL</u> Time: <u>1030</u> Printed Name: <u>EMNL</u> Date: <u>10/7/14</u> Company: <u>DCS</u>	2) Received by: Signature: <u>[Signature]</u> Time: <u>1745</u> Printed Name: <u>Muller</u> Date: <u>10-7-14</u> Company: <u>[Company]</u>	3) Received by: Signature: _____ Time: _____ Printed Name: _____ Date: _____ Company: _____
---	--	---	--

Login Sample Receipt Checklist

Client: URS Corporation

Job Number: 720-60421-1

Login Number: 60421

List Source: TestAmerica Pleasanton

List Number: 1

Creator: Thomas, Bryan

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
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.	False	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received 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.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



Login Sample Receipt Checklist

Client: URS Corporation

Job Number: 720-60421-1

Login Number: 60421

List Number: 2

Creator: Kelsey, Shawn M

List Source: TestAmerica Chicago

List Creation: 10/09/14 11:49 AM

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are 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 containers received 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	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	



TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Pleasanton
1220 Quarry Lane
Pleasanton, CA 94566
Tel: (925)484-1919

TestAmerica Job ID: 720-60447-1
Client Project/Site: Philips San Jose

For:
URS Corporation
One Montgomery Street
Suite 900
San Francisco, California 94104-4538

Attn: Mr. Erik Skov



Authorized for release by:
10/16/2014 5:31:26 PM

Afsaneh Salimpour, Senior Project Manager
(925)484-1919
afsaneh.salimpour@testamericainc.com

LINKS

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www.testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60447-1

Qualifiers

GC/MS Semi 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.

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: Philips San Jose

TestAmerica Job ID: 720-60447-1

Job ID: 720-60447-1

Laboratory: TestAmerica Pleasanton

Narrative

Job Narrative
720-60447-1

Comments

No additional comments.

Receipt

The samples were received on 10/8/2014 6:45 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 3 coolers at receipt time were 0.7° C, 0.9° C and 0.9° C.

GC/MS VOA

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

GC/MS Semi VOA

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

Metals

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

General Chemistry

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

Organic Prep

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: Philips San Jose

TestAmerica Job ID: 720-60447-1

Client Sample ID: PLSB-4

Lab Sample ID: 720-60447-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Zinc	0.045		0.020		mg/L	1		6010B	Dissolved

Client Sample ID: PLSB-6

Lab Sample ID: 720-60447-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Zinc	0.021		0.020		mg/L	1		6010B	Dissolved

Client Sample ID: PLSB-8

Lab Sample ID: 720-60447-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Zinc	0.027		0.020		mg/L	1		6010B	Dissolved

This Detection Summary does not include radiochemical test results.

TestAmerica Pleasanton

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Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60447-1

Client Sample ID: PLSB-4

Lab Sample ID: 720-60447-1

Date Collected: 10/07/14 17:15

Matrix: Water

Date Received: 10/08/14 18:45

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			10/15/14 15:17	1
Acetone	ND		50		ug/L			10/15/14 15:17	1
Benzene	ND		0.50		ug/L			10/15/14 15:17	1
Dichlorobromomethane	ND		0.50		ug/L			10/15/14 15:17	1
Bromobenzene	ND		1.0		ug/L			10/15/14 15:17	1
Chlorobromomethane	ND		1.0		ug/L			10/15/14 15:17	1
Bromoform	ND		1.0		ug/L			10/15/14 15:17	1
Bromomethane	ND		1.0		ug/L			10/15/14 15:17	1
2-Butanone (MEK)	ND		50		ug/L			10/15/14 15:17	1
n-Butylbenzene	ND		1.0		ug/L			10/15/14 15:17	1
sec-Butylbenzene	ND		1.0		ug/L			10/15/14 15:17	1
tert-Butylbenzene	ND		1.0		ug/L			10/15/14 15:17	1
Carbon disulfide	ND		5.0		ug/L			10/15/14 15:17	1
Carbon tetrachloride	ND		0.50		ug/L			10/15/14 15:17	1
Chlorobenzene	ND		0.50		ug/L			10/15/14 15:17	1
Chloroethane	ND		1.0		ug/L			10/15/14 15:17	1
Chloroform	ND		1.0		ug/L			10/15/14 15:17	1
Chloromethane	ND		1.0		ug/L			10/15/14 15:17	1
2-Chlorotoluene	ND		0.50		ug/L			10/15/14 15:17	1
4-Chlorotoluene	ND		0.50		ug/L			10/15/14 15:17	1
Chlorodibromomethane	ND		0.50		ug/L			10/15/14 15:17	1
1,2-Dichlorobenzene	ND		0.50		ug/L			10/15/14 15:17	1
1,3-Dichlorobenzene	ND		0.50		ug/L			10/15/14 15:17	1
1,4-Dichlorobenzene	ND		0.50		ug/L			10/15/14 15:17	1
1,3-Dichloropropane	ND		1.0		ug/L			10/15/14 15:17	1
1,1-Dichloropropene	ND		0.50		ug/L			10/15/14 15:17	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			10/15/14 15:17	1
Ethylene Dibromide	ND		0.50		ug/L			10/15/14 15:17	1
Dibromomethane	ND		0.50		ug/L			10/15/14 15:17	1
Dichlorodifluoromethane	ND		0.50		ug/L			10/15/14 15:17	1
1,1-Dichloroethane	ND		0.50		ug/L			10/15/14 15:17	1
1,2-Dichloroethane	ND		0.50		ug/L			10/15/14 15:17	1
1,1-Dichloroethene	ND		0.50		ug/L			10/15/14 15:17	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			10/15/14 15:17	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			10/15/14 15:17	1
1,2-Dichloropropane	ND		0.50		ug/L			10/15/14 15:17	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			10/15/14 15:17	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			10/15/14 15:17	1
Ethylbenzene	ND		0.50		ug/L			10/15/14 15:17	1
Hexachlorobutadiene	ND		1.0		ug/L			10/15/14 15:17	1
2-Hexanone	ND		50		ug/L			10/15/14 15:17	1
Isopropylbenzene	ND		0.50		ug/L			10/15/14 15:17	1
4-Isopropyltoluene	ND		1.0		ug/L			10/15/14 15:17	1
Methylene Chloride	ND		5.0		ug/L			10/15/14 15:17	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			10/15/14 15:17	1
Naphthalene	ND		1.0		ug/L			10/15/14 15:17	1
N-Propylbenzene	ND		1.0		ug/L			10/15/14 15:17	1
Styrene	ND		0.50		ug/L			10/15/14 15:17	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			10/15/14 15:17	1

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60447-1

Client Sample ID: PLSB-4

Lab Sample ID: 720-60447-1

Date Collected: 10/07/14 17:15

Matrix: Water

Date Received: 10/08/14 18:45

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			10/15/14 15:17	1
Tetrachloroethene	ND		0.50		ug/L			10/15/14 15:17	1
Toluene	ND		0.50		ug/L			10/15/14 15:17	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			10/15/14 15:17	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			10/15/14 15:17	1
1,1,1-Trichloroethane	ND		0.50		ug/L			10/15/14 15:17	1
1,1,2-Trichloroethane	ND		0.50		ug/L			10/15/14 15:17	1
Trichloroethene	ND		0.50		ug/L			10/15/14 15:17	1
Trichlorofluoromethane	ND		1.0		ug/L			10/15/14 15:17	1
1,2,3-Trichloropropane	ND		0.50		ug/L			10/15/14 15:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			10/15/14 15:17	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			10/15/14 15:17	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			10/15/14 15:17	1
Vinyl acetate	ND		10		ug/L			10/15/14 15:17	1
Vinyl chloride	ND		0.50		ug/L			10/15/14 15:17	1
Xylenes, Total	ND		1.0		ug/L			10/15/14 15:17	1
2,2-Dichloropropane	ND		0.50		ug/L			10/15/14 15:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	94		67 - 130		10/15/14 15:17	1
1,2-Dichloroethane-d4 (Surr)	90		72 - 130		10/15/14 15:17	1
Toluene-d8 (Surr)	93		70 - 130		10/15/14 15:17	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		2.0		ug/L		10/14/14 10:04	10/15/14 21:10	1
Bis(2-chloroethyl)ether	ND		2.0		ug/L		10/14/14 10:04	10/15/14 21:10	1
2-Chlorophenol	ND		4.1		ug/L		10/14/14 10:04	10/15/14 21:10	1
1,3-Dichlorobenzene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 21:10	1
1,4-Dichlorobenzene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 21:10	1
Benzyl alcohol	ND		5.1		ug/L		10/14/14 10:04	10/15/14 21:10	1
1,2-Dichlorobenzene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 21:10	1
2-Methylphenol	ND		4.1		ug/L		10/14/14 10:04	10/15/14 21:10	1
4-Methylphenol	ND		8.1		ug/L		10/14/14 10:04	10/15/14 21:10	1
N-Nitrosodi-n-propylamine	ND		2.0		ug/L		10/14/14 10:04	10/15/14 21:10	1
Hexachloroethane	ND		2.0		ug/L		10/14/14 10:04	10/15/14 21:10	1
Nitrobenzene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 21:10	1
Isophorone	ND		4.1		ug/L		10/14/14 10:04	10/15/14 21:10	1
2-Nitrophenol	ND		2.0		ug/L		10/14/14 10:04	10/15/14 21:10	1
2,4-Dimethylphenol	ND		3.1		ug/L		10/14/14 10:04	10/15/14 21:10	1
Bis(2-chloroethoxy)methane	ND		5.1		ug/L		10/14/14 10:04	10/15/14 21:10	1
2,4-Dichlorophenol	ND		5.1		ug/L		10/14/14 10:04	10/15/14 21:10	1
1,2,4-Trichlorobenzene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 21:10	1
Naphthalene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 21:10	1
4-Chloroaniline	ND		2.0		ug/L		10/14/14 10:04	10/15/14 21:10	1
Hexachlorobutadiene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 21:10	1
4-Chloro-3-methylphenol	ND		5.1		ug/L		10/14/14 10:04	10/15/14 21:10	1
2-Methylnaphthalene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 21:10	1
Hexachlorocyclopentadiene	ND		5.1		ug/L		10/14/14 10:04	10/15/14 21:10	1
2,4,6-Trichlorophenol	ND		2.0		ug/L		10/14/14 10:04	10/15/14 21:10	1

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60447-1

Client Sample ID: PLSB-4

Lab Sample ID: 720-60447-1

Date Collected: 10/07/14 17:15

Matrix: Water

Date Received: 10/08/14 18:45

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.1		ug/L		10/14/14 10:04	10/15/14 21:10	1
2-Chloronaphthalene	ND		4.1		ug/L		10/14/14 10:04	10/15/14 21:10	1
2-Nitroaniline	ND		10		ug/L		10/14/14 10:04	10/15/14 21:10	1
Dimethyl phthalate	ND		5.1		ug/L		10/14/14 10:04	10/15/14 21:10	1
Acenaphthylene	ND		4.1		ug/L		10/14/14 10:04	10/15/14 21:10	1
3-Nitroaniline	ND		5.1		ug/L		10/14/14 10:04	10/15/14 21:10	1
Acenaphthene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 21:10	1
2,4-Dinitrophenol	ND		10		ug/L		10/14/14 10:04	10/15/14 21:10	1
4-Nitrophenol	ND		10		ug/L		10/14/14 10:04	10/15/14 21:10	1
Dibenzofuran	ND		4.1		ug/L		10/14/14 10:04	10/15/14 21:10	1
2,4-Dinitrotoluene	ND		4.1		ug/L		10/14/14 10:04	10/15/14 21:10	1
2,6-Dinitrotoluene	ND		5.1		ug/L		10/14/14 10:04	10/15/14 21:10	1
Diethyl phthalate	ND		5.1		ug/L		10/14/14 10:04	10/15/14 21:10	1
4-Chlorophenyl phenyl ether	ND		5.1		ug/L		10/14/14 10:04	10/15/14 21:10	1
Fluorene	ND		4.1		ug/L		10/14/14 10:04	10/15/14 21:10	1
4-Nitroaniline	ND		10		ug/L		10/14/14 10:04	10/15/14 21:10	1
2-Methyl-4,6-dinitrophenol	ND		10		ug/L		10/14/14 10:04	10/15/14 21:10	1
N-Nitrosodiphenylamine	ND		2.0		ug/L		10/14/14 10:04	10/15/14 21:10	1
4-Bromophenyl phenyl ether	ND		5.1		ug/L		10/14/14 10:04	10/15/14 21:10	1
Hexachlorobenzene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 21:10	1
Pentachlorophenol	ND		10		ug/L		10/14/14 10:04	10/15/14 21:10	1
Phenanthrene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 21:10	1
Anthracene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 21:10	1
Di-n-butyl phthalate	ND		5.1		ug/L		10/14/14 10:04	10/15/14 21:10	1
Fluoranthene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 21:10	1
Pyrene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 21:10	1
Butyl benzyl phthalate	ND		5.1		ug/L		10/14/14 10:04	10/15/14 21:10	1
3,3'-Dichlorobenzidine	ND		5.1		ug/L		10/14/14 10:04	10/15/14 21:10	1
Benzo[a]anthracene	ND		5.1		ug/L		10/14/14 10:04	10/15/14 21:10	1
Bis(2-ethylhexyl) phthalate	ND		10		ug/L		10/14/14 10:04	10/15/14 21:10	1
Chrysene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 21:10	1
Di-n-octyl phthalate	ND		5.1		ug/L		10/14/14 10:04	10/15/14 21:10	1
Benzo[b]fluoranthene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 21:10	1
Benzo[a]pyrene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 21:10	1
Benzo[k]fluoranthene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 21:10	1
Indeno[1,2,3-cd]pyrene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 21:10	1
Benzo[g,h,i]perylene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 21:10	1
Benzoic acid	ND		10		ug/L		10/14/14 10:04	10/15/14 21:10	1
Azobenzene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 21:10	1
Dibenz(a,h)anthracene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 21:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	47		11 - 92	10/14/14 10:04	10/15/14 21:10	1
2-Fluorobiphenyl	42		10 - 101	10/14/14 10:04	10/15/14 21:10	1
Terphenyl-d14	59		34 - 128	10/14/14 10:04	10/15/14 21:10	1
2-Fluorophenol	18		10 - 65	10/14/14 10:04	10/15/14 21:10	1
Phenol-d5	11		10 - 46	10/14/14 10:04	10/15/14 21:10	1
2,4,6-Tribromophenol	49		17 - 115	10/14/14 10:04	10/15/14 21:10	1

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
 Project/Site: Philips San Jose

TestAmerica Job ID: 720-60447-1

Client Sample ID: PLSB-4

Lab Sample ID: 720-60447-1

Date Collected: 10/07/14 17:15

Matrix: Water

Date Received: 10/08/14 18:45

Method: 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.010		mg/L		10/09/14 19:16	10/10/14 20:06	1
Arsenic	ND		0.010		mg/L		10/09/14 19:16	10/10/14 20:06	1
Beryllium	ND		0.0020		mg/L		10/09/14 19:16	10/10/14 20:06	1
Cadmium	ND		0.0020		mg/L		10/09/14 19:16	10/10/14 20:06	1
Chromium	ND		0.010		mg/L		10/09/14 19:16	10/10/14 20:06	1
Copper	ND		0.020		mg/L		10/09/14 19:16	10/10/14 20:06	1
Lead	ND		0.0050		mg/L		10/09/14 19:16	10/10/14 20:06	1
Nickel	ND		0.010		mg/L		10/09/14 19:16	10/10/14 20:06	1
Selenium	ND		0.020		mg/L		10/09/14 19:16	10/10/14 20:06	1
Silver	ND		0.0050		mg/L		10/09/14 19:16	10/10/14 20:06	1
Zinc	0.045		0.020		mg/L		10/09/14 19:16	10/10/14 20:06	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		10/10/14 09:28	10/10/14 13:26	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010		mg/L		10/10/14 13:00	10/11/14 12:52	1

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60447-1

Client Sample ID: PLSB-6

Lab Sample ID: 720-60447-2

Date Collected: 10/08/14 07:30

Matrix: Water

Date Received: 10/08/14 18:45

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			10/15/14 15:48	1
Acetone	ND		50		ug/L			10/15/14 15:48	1
Benzene	ND		0.50		ug/L			10/15/14 15:48	1
Dichlorobromomethane	ND		0.50		ug/L			10/15/14 15:48	1
Bromobenzene	ND		1.0		ug/L			10/15/14 15:48	1
Chlorobromomethane	ND		1.0		ug/L			10/15/14 15:48	1
Bromoform	ND		1.0		ug/L			10/15/14 15:48	1
Bromomethane	ND		1.0		ug/L			10/15/14 15:48	1
2-Butanone (MEK)	ND		50		ug/L			10/15/14 15:48	1
n-Butylbenzene	ND		1.0		ug/L			10/15/14 15:48	1
sec-Butylbenzene	ND		1.0		ug/L			10/15/14 15:48	1
tert-Butylbenzene	ND		1.0		ug/L			10/15/14 15:48	1
Carbon disulfide	ND		5.0		ug/L			10/15/14 15:48	1
Carbon tetrachloride	ND		0.50		ug/L			10/15/14 15:48	1
Chlorobenzene	ND		0.50		ug/L			10/15/14 15:48	1
Chloroethane	ND		1.0		ug/L			10/15/14 15:48	1
Chloroform	ND		1.0		ug/L			10/15/14 15:48	1
Chloromethane	ND		1.0		ug/L			10/15/14 15:48	1
2-Chlorotoluene	ND		0.50		ug/L			10/15/14 15:48	1
4-Chlorotoluene	ND		0.50		ug/L			10/15/14 15:48	1
Chlorodibromomethane	ND		0.50		ug/L			10/15/14 15:48	1
1,2-Dichlorobenzene	ND		0.50		ug/L			10/15/14 15:48	1
1,3-Dichlorobenzene	ND		0.50		ug/L			10/15/14 15:48	1
1,4-Dichlorobenzene	ND		0.50		ug/L			10/15/14 15:48	1
1,3-Dichloropropane	ND		1.0		ug/L			10/15/14 15:48	1
1,1-Dichloropropene	ND		0.50		ug/L			10/15/14 15:48	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			10/15/14 15:48	1
Ethylene Dibromide	ND		0.50		ug/L			10/15/14 15:48	1
Dibromomethane	ND		0.50		ug/L			10/15/14 15:48	1
Dichlorodifluoromethane	ND		0.50		ug/L			10/15/14 15:48	1
1,1-Dichloroethane	ND		0.50		ug/L			10/15/14 15:48	1
1,2-Dichloroethane	ND		0.50		ug/L			10/15/14 15:48	1
1,1-Dichloroethene	ND		0.50		ug/L			10/15/14 15:48	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			10/15/14 15:48	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			10/15/14 15:48	1
1,2-Dichloropropane	ND		0.50		ug/L			10/15/14 15:48	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			10/15/14 15:48	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			10/15/14 15:48	1
Ethylbenzene	ND		0.50		ug/L			10/15/14 15:48	1
Hexachlorobutadiene	ND		1.0		ug/L			10/15/14 15:48	1
2-Hexanone	ND		50		ug/L			10/15/14 15:48	1
Isopropylbenzene	ND		0.50		ug/L			10/15/14 15:48	1
4-Isopropyltoluene	ND		1.0		ug/L			10/15/14 15:48	1
Methylene Chloride	ND		5.0		ug/L			10/15/14 15:48	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			10/15/14 15:48	1
Naphthalene	ND		1.0		ug/L			10/15/14 15:48	1
N-Propylbenzene	ND		1.0		ug/L			10/15/14 15:48	1
Styrene	ND		0.50		ug/L			10/15/14 15:48	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			10/15/14 15:48	1

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60447-1

Client Sample ID: PLSB-6

Lab Sample ID: 720-60447-2

Date Collected: 10/08/14 07:30

Matrix: Water

Date Received: 10/08/14 18:45

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			10/15/14 15:48	1
Tetrachloroethene	ND		0.50		ug/L			10/15/14 15:48	1
Toluene	ND		0.50		ug/L			10/15/14 15:48	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			10/15/14 15:48	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			10/15/14 15:48	1
1,1,1-Trichloroethane	ND		0.50		ug/L			10/15/14 15:48	1
1,1,2-Trichloroethane	ND		0.50		ug/L			10/15/14 15:48	1
Trichloroethene	ND		0.50		ug/L			10/15/14 15:48	1
Trichlorofluoromethane	ND		1.0		ug/L			10/15/14 15:48	1
1,2,3-Trichloropropane	ND		0.50		ug/L			10/15/14 15:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			10/15/14 15:48	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			10/15/14 15:48	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			10/15/14 15:48	1
Vinyl acetate	ND		10		ug/L			10/15/14 15:48	1
Vinyl chloride	ND		0.50		ug/L			10/15/14 15:48	1
Xylenes, Total	ND		1.0		ug/L			10/15/14 15:48	1
2,2-Dichloropropane	ND		0.50		ug/L			10/15/14 15:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	94		67 - 130		10/15/14 15:48	1
1,2-Dichloroethane-d4 (Surr)	88		72 - 130		10/15/14 15:48	1
Toluene-d8 (Surr)	93		70 - 130		10/15/14 15:48	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		2.0		ug/L		10/14/14 10:04	10/15/14 21:34	1
Bis(2-chloroethyl)ether	ND		2.0		ug/L		10/14/14 10:04	10/15/14 21:34	1
2-Chlorophenol	ND		4.1		ug/L		10/14/14 10:04	10/15/14 21:34	1
1,3-Dichlorobenzene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 21:34	1
1,4-Dichlorobenzene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 21:34	1
Benzyl alcohol	ND		5.1		ug/L		10/14/14 10:04	10/15/14 21:34	1
1,2-Dichlorobenzene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 21:34	1
2-Methylphenol	ND		4.1		ug/L		10/14/14 10:04	10/15/14 21:34	1
4-Methylphenol	ND		8.1		ug/L		10/14/14 10:04	10/15/14 21:34	1
N-Nitrosodi-n-propylamine	ND		2.0		ug/L		10/14/14 10:04	10/15/14 21:34	1
Hexachloroethane	ND		2.0		ug/L		10/14/14 10:04	10/15/14 21:34	1
Nitrobenzene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 21:34	1
Isophorone	ND		4.1		ug/L		10/14/14 10:04	10/15/14 21:34	1
2-Nitrophenol	ND		2.0		ug/L		10/14/14 10:04	10/15/14 21:34	1
2,4-Dimethylphenol	ND		3.0		ug/L		10/14/14 10:04	10/15/14 21:34	1
Bis(2-chloroethoxy)methane	ND		5.1		ug/L		10/14/14 10:04	10/15/14 21:34	1
2,4-Dichlorophenol	ND		5.1		ug/L		10/14/14 10:04	10/15/14 21:34	1
1,2,4-Trichlorobenzene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 21:34	1
Naphthalene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 21:34	1
4-Chloroaniline	ND		2.0		ug/L		10/14/14 10:04	10/15/14 21:34	1
Hexachlorobutadiene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 21:34	1
4-Chloro-3-methylphenol	ND		5.1		ug/L		10/14/14 10:04	10/15/14 21:34	1
2-Methylnaphthalene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 21:34	1
Hexachlorocyclopentadiene	ND		5.1		ug/L		10/14/14 10:04	10/15/14 21:34	1
2,4,6-Trichlorophenol	ND		2.0		ug/L		10/14/14 10:04	10/15/14 21:34	1

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60447-1

Client Sample ID: PLSB-6

Lab Sample ID: 720-60447-2

Date Collected: 10/08/14 07:30

Matrix: Water

Date Received: 10/08/14 18:45

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.1		ug/L		10/14/14 10:04	10/15/14 21:34	1
2-Chloronaphthalene	ND		4.1		ug/L		10/14/14 10:04	10/15/14 21:34	1
2-Nitroaniline	ND		10		ug/L		10/14/14 10:04	10/15/14 21:34	1
Dimethyl phthalate	ND		5.1		ug/L		10/14/14 10:04	10/15/14 21:34	1
Acenaphthylene	ND		4.1		ug/L		10/14/14 10:04	10/15/14 21:34	1
3-Nitroaniline	ND		5.1		ug/L		10/14/14 10:04	10/15/14 21:34	1
Acenaphthene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 21:34	1
2,4-Dinitrophenol	ND		10		ug/L		10/14/14 10:04	10/15/14 21:34	1
4-Nitrophenol	ND		10		ug/L		10/14/14 10:04	10/15/14 21:34	1
Dibenzofuran	ND		4.1		ug/L		10/14/14 10:04	10/15/14 21:34	1
2,4-Dinitrotoluene	ND		4.1		ug/L		10/14/14 10:04	10/15/14 21:34	1
2,6-Dinitrotoluene	ND		5.1		ug/L		10/14/14 10:04	10/15/14 21:34	1
Diethyl phthalate	ND		5.1		ug/L		10/14/14 10:04	10/15/14 21:34	1
4-Chlorophenyl phenyl ether	ND		5.1		ug/L		10/14/14 10:04	10/15/14 21:34	1
Fluorene	ND		4.1		ug/L		10/14/14 10:04	10/15/14 21:34	1
4-Nitroaniline	ND		10		ug/L		10/14/14 10:04	10/15/14 21:34	1
2-Methyl-4,6-dinitrophenol	ND		10		ug/L		10/14/14 10:04	10/15/14 21:34	1
N-Nitrosodiphenylamine	ND		2.0		ug/L		10/14/14 10:04	10/15/14 21:34	1
4-Bromophenyl phenyl ether	ND		5.1		ug/L		10/14/14 10:04	10/15/14 21:34	1
Hexachlorobenzene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 21:34	1
Pentachlorophenol	ND		10		ug/L		10/14/14 10:04	10/15/14 21:34	1
Phenanthrene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 21:34	1
Anthracene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 21:34	1
Di-n-butyl phthalate	ND		5.1		ug/L		10/14/14 10:04	10/15/14 21:34	1
Fluoranthene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 21:34	1
Pyrene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 21:34	1
Butyl benzyl phthalate	ND		5.1		ug/L		10/14/14 10:04	10/15/14 21:34	1
3,3'-Dichlorobenzidine	ND		5.1		ug/L		10/14/14 10:04	10/15/14 21:34	1
Benzo[a]anthracene	ND		5.1		ug/L		10/14/14 10:04	10/15/14 21:34	1
Bis(2-ethylhexyl) phthalate	ND		10		ug/L		10/14/14 10:04	10/15/14 21:34	1
Chrysene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 21:34	1
Di-n-octyl phthalate	ND		5.1		ug/L		10/14/14 10:04	10/15/14 21:34	1
Benzo[b]fluoranthene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 21:34	1
Benzo[a]pyrene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 21:34	1
Benzo[k]fluoranthene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 21:34	1
Indeno[1,2,3-cd]pyrene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 21:34	1
Benzo[g,h,i]perylene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 21:34	1
Benzoic acid	ND		10		ug/L		10/14/14 10:04	10/15/14 21:34	1
Azobenzene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 21:34	1
Dibenz(a,h)anthracene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 21:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	38		11 - 92	10/14/14 10:04	10/15/14 21:34	1
2-Fluorobiphenyl	36		10 - 101	10/14/14 10:04	10/15/14 21:34	1
Terphenyl-d14	79		34 - 128	10/14/14 10:04	10/15/14 21:34	1
2-Fluorophenol	15		10 - 65	10/14/14 10:04	10/15/14 21:34	1
Phenol-d5	10		10 - 46	10/14/14 10:04	10/15/14 21:34	1
2,4,6-Tribromophenol	38		17 - 115	10/14/14 10:04	10/15/14 21:34	1

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
 Project/Site: Philips San Jose

TestAmerica Job ID: 720-60447-1

Client Sample ID: PLSB-6

Lab Sample ID: 720-60447-2

Date Collected: 10/08/14 07:30

Matrix: Water

Date Received: 10/08/14 18:45

Method: 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.010		mg/L		10/09/14 19:16	10/10/14 20:10	1
Arsenic	ND		0.010		mg/L		10/09/14 19:16	10/10/14 20:10	1
Beryllium	ND		0.0020		mg/L		10/09/14 19:16	10/10/14 20:10	1
Cadmium	ND		0.0020		mg/L		10/09/14 19:16	10/10/14 20:10	1
Chromium	ND		0.010		mg/L		10/09/14 19:16	10/10/14 20:10	1
Copper	ND		0.020		mg/L		10/09/14 19:16	10/10/14 20:10	1
Lead	ND		0.0050		mg/L		10/09/14 19:16	10/10/14 20:10	1
Nickel	ND		0.010		mg/L		10/09/14 19:16	10/10/14 20:10	1
Selenium	ND		0.020		mg/L		10/09/14 19:16	10/10/14 20:10	1
Silver	ND		0.0050		mg/L		10/09/14 19:16	10/10/14 20:10	1
Zinc	0.021		0.020		mg/L		10/09/14 19:16	10/10/14 20:10	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		10/10/14 09:28	10/10/14 13:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010		mg/L		10/10/14 13:00	10/11/14 12:53	1

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60447-1

Client Sample ID: PLSB-8

Lab Sample ID: 720-60447-3

Date Collected: 10/08/14 11:50

Matrix: Water

Date Received: 10/08/14 18:45

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			10/15/14 16:19	1
Acetone	ND		50		ug/L			10/15/14 16:19	1
Benzene	ND		0.50		ug/L			10/15/14 16:19	1
Dichlorobromomethane	ND		0.50		ug/L			10/15/14 16:19	1
Bromobenzene	ND		1.0		ug/L			10/15/14 16:19	1
Chlorobromomethane	ND		1.0		ug/L			10/15/14 16:19	1
Bromoform	ND		1.0		ug/L			10/15/14 16:19	1
Bromomethane	ND		1.0		ug/L			10/15/14 16:19	1
2-Butanone (MEK)	ND		50		ug/L			10/15/14 16:19	1
n-Butylbenzene	ND		1.0		ug/L			10/15/14 16:19	1
sec-Butylbenzene	ND		1.0		ug/L			10/15/14 16:19	1
tert-Butylbenzene	ND		1.0		ug/L			10/15/14 16:19	1
Carbon disulfide	ND		5.0		ug/L			10/15/14 16:19	1
Carbon tetrachloride	ND		0.50		ug/L			10/15/14 16:19	1
Chlorobenzene	ND		0.50		ug/L			10/15/14 16:19	1
Chloroethane	ND		1.0		ug/L			10/15/14 16:19	1
Chloroform	ND		1.0		ug/L			10/15/14 16:19	1
Chloromethane	ND		1.0		ug/L			10/15/14 16:19	1
2-Chlorotoluene	ND		0.50		ug/L			10/15/14 16:19	1
4-Chlorotoluene	ND		0.50		ug/L			10/15/14 16:19	1
Chlorodibromomethane	ND		0.50		ug/L			10/15/14 16:19	1
1,2-Dichlorobenzene	ND		0.50		ug/L			10/15/14 16:19	1
1,3-Dichlorobenzene	ND		0.50		ug/L			10/15/14 16:19	1
1,4-Dichlorobenzene	ND		0.50		ug/L			10/15/14 16:19	1
1,3-Dichloropropane	ND		1.0		ug/L			10/15/14 16:19	1
1,1-Dichloropropene	ND		0.50		ug/L			10/15/14 16:19	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			10/15/14 16:19	1
Ethylene Dibromide	ND		0.50		ug/L			10/15/14 16:19	1
Dibromomethane	ND		0.50		ug/L			10/15/14 16:19	1
Dichlorodifluoromethane	ND		0.50		ug/L			10/15/14 16:19	1
1,1-Dichloroethane	ND		0.50		ug/L			10/15/14 16:19	1
1,2-Dichloroethane	ND		0.50		ug/L			10/15/14 16:19	1
1,1-Dichloroethene	ND		0.50		ug/L			10/15/14 16:19	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			10/15/14 16:19	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			10/15/14 16:19	1
1,2-Dichloropropane	ND		0.50		ug/L			10/15/14 16:19	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			10/15/14 16:19	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			10/15/14 16:19	1
Ethylbenzene	ND		0.50		ug/L			10/15/14 16:19	1
Hexachlorobutadiene	ND		1.0		ug/L			10/15/14 16:19	1
2-Hexanone	ND		50		ug/L			10/15/14 16:19	1
Isopropylbenzene	ND		0.50		ug/L			10/15/14 16:19	1
4-Isopropyltoluene	ND		1.0		ug/L			10/15/14 16:19	1
Methylene Chloride	ND		5.0		ug/L			10/15/14 16:19	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			10/15/14 16:19	1
Naphthalene	ND		1.0		ug/L			10/15/14 16:19	1
N-Propylbenzene	ND		1.0		ug/L			10/15/14 16:19	1
Styrene	ND		0.50		ug/L			10/15/14 16:19	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			10/15/14 16:19	1

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
 Project/Site: Philips San Jose

TestAmerica Job ID: 720-60447-1

Client Sample ID: PLSB-8

Lab Sample ID: 720-60447-3

Date Collected: 10/08/14 11:50

Matrix: Water

Date Received: 10/08/14 18:45

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			10/15/14 16:19	1
Tetrachloroethene	ND		0.50		ug/L			10/15/14 16:19	1
Toluene	ND		0.50		ug/L			10/15/14 16:19	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			10/15/14 16:19	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			10/15/14 16:19	1
1,1,1-Trichloroethane	ND		0.50		ug/L			10/15/14 16:19	1
1,1,2-Trichloroethane	ND		0.50		ug/L			10/15/14 16:19	1
Trichloroethene	ND		0.50		ug/L			10/15/14 16:19	1
Trichlorofluoromethane	ND		1.0		ug/L			10/15/14 16:19	1
1,2,3-Trichloropropane	ND		0.50		ug/L			10/15/14 16:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			10/15/14 16:19	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			10/15/14 16:19	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			10/15/14 16:19	1
Vinyl acetate	ND		10		ug/L			10/15/14 16:19	1
Vinyl chloride	ND		0.50		ug/L			10/15/14 16:19	1
Xylenes, Total	ND		1.0		ug/L			10/15/14 16:19	1
2,2-Dichloropropane	ND		0.50		ug/L			10/15/14 16:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	93		67 - 130		10/15/14 16:19	1
1,2-Dichloroethane-d4 (Surr)	90		72 - 130		10/15/14 16:19	1
Toluene-d8 (Surr)	93		70 - 130		10/15/14 16:19	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		2.0		ug/L		10/14/14 10:04	10/15/14 21:58	1
Bis(2-chloroethyl)ether	ND		2.0		ug/L		10/14/14 10:04	10/15/14 21:58	1
2-Chlorophenol	ND		4.0		ug/L		10/14/14 10:04	10/15/14 21:58	1
1,3-Dichlorobenzene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 21:58	1
1,4-Dichlorobenzene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 21:58	1
Benzyl alcohol	ND		5.1		ug/L		10/14/14 10:04	10/15/14 21:58	1
1,2-Dichlorobenzene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 21:58	1
2-Methylphenol	ND		4.0		ug/L		10/14/14 10:04	10/15/14 21:58	1
4-Methylphenol	ND		8.1		ug/L		10/14/14 10:04	10/15/14 21:58	1
N-Nitrosodi-n-propylamine	ND		2.0		ug/L		10/14/14 10:04	10/15/14 21:58	1
Hexachloroethane	ND		2.0		ug/L		10/14/14 10:04	10/15/14 21:58	1
Nitrobenzene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 21:58	1
Isophorone	ND		4.0		ug/L		10/14/14 10:04	10/15/14 21:58	1
2-Nitrophenol	ND		2.0		ug/L		10/14/14 10:04	10/15/14 21:58	1
2,4-Dimethylphenol	ND		3.0		ug/L		10/14/14 10:04	10/15/14 21:58	1
Bis(2-chloroethoxy)methane	ND		5.1		ug/L		10/14/14 10:04	10/15/14 21:58	1
2,4-Dichlorophenol	ND		5.1		ug/L		10/14/14 10:04	10/15/14 21:58	1
1,2,4-Trichlorobenzene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 21:58	1
Naphthalene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 21:58	1
4-Chloroaniline	ND		2.0		ug/L		10/14/14 10:04	10/15/14 21:58	1
Hexachlorobutadiene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 21:58	1
4-Chloro-3-methylphenol	ND		5.1		ug/L		10/14/14 10:04	10/15/14 21:58	1
2-Methylnaphthalene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 21:58	1
Hexachlorocyclopentadiene	ND		5.1		ug/L		10/14/14 10:04	10/15/14 21:58	1
2,4,6-Trichlorophenol	ND		2.0		ug/L		10/14/14 10:04	10/15/14 21:58	1

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60447-1

Client Sample ID: PLSB-8

Lab Sample ID: 720-60447-3

Date Collected: 10/08/14 11:50

Matrix: Water

Date Received: 10/08/14 18:45

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.0		ug/L		10/14/14 10:04	10/15/14 21:58	1
2-Chloronaphthalene	ND		4.0		ug/L		10/14/14 10:04	10/15/14 21:58	1
2-Nitroaniline	ND		10		ug/L		10/14/14 10:04	10/15/14 21:58	1
Dimethyl phthalate	ND		5.1		ug/L		10/14/14 10:04	10/15/14 21:58	1
Acenaphthylene	ND		4.0		ug/L		10/14/14 10:04	10/15/14 21:58	1
3-Nitroaniline	ND		5.1		ug/L		10/14/14 10:04	10/15/14 21:58	1
Acenaphthene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 21:58	1
2,4-Dinitrophenol	ND		10		ug/L		10/14/14 10:04	10/15/14 21:58	1
4-Nitrophenol	ND		10		ug/L		10/14/14 10:04	10/15/14 21:58	1
Dibenzofuran	ND		4.0		ug/L		10/14/14 10:04	10/15/14 21:58	1
2,4-Dinitrotoluene	ND		4.0		ug/L		10/14/14 10:04	10/15/14 21:58	1
2,6-Dinitrotoluene	ND		5.1		ug/L		10/14/14 10:04	10/15/14 21:58	1
Diethyl phthalate	ND		5.1		ug/L		10/14/14 10:04	10/15/14 21:58	1
4-Chlorophenyl phenyl ether	ND		5.1		ug/L		10/14/14 10:04	10/15/14 21:58	1
Fluorene	ND		4.0		ug/L		10/14/14 10:04	10/15/14 21:58	1
4-Nitroaniline	ND		10		ug/L		10/14/14 10:04	10/15/14 21:58	1
2-Methyl-4,6-dinitrophenol	ND		10		ug/L		10/14/14 10:04	10/15/14 21:58	1
N-Nitrosodiphenylamine	ND		2.0		ug/L		10/14/14 10:04	10/15/14 21:58	1
4-Bromophenyl phenyl ether	ND		5.1		ug/L		10/14/14 10:04	10/15/14 21:58	1
Hexachlorobenzene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 21:58	1
Pentachlorophenol	ND		10		ug/L		10/14/14 10:04	10/15/14 21:58	1
Phenanthrene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 21:58	1
Anthracene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 21:58	1
Di-n-butyl phthalate	ND		5.1		ug/L		10/14/14 10:04	10/15/14 21:58	1
Fluoranthene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 21:58	1
Pyrene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 21:58	1
Butyl benzyl phthalate	ND		5.1		ug/L		10/14/14 10:04	10/15/14 21:58	1
3,3'-Dichlorobenzidine	ND		5.1		ug/L		10/14/14 10:04	10/15/14 21:58	1
Benzo[a]anthracene	ND		5.1		ug/L		10/14/14 10:04	10/15/14 21:58	1
Bis(2-ethylhexyl) phthalate	ND		10		ug/L		10/14/14 10:04	10/15/14 21:58	1
Chrysene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 21:58	1
Di-n-octyl phthalate	ND		5.1		ug/L		10/14/14 10:04	10/15/14 21:58	1
Benzo[b]fluoranthene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 21:58	1
Benzo[a]pyrene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 21:58	1
Benzo[k]fluoranthene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 21:58	1
Indeno[1,2,3-cd]pyrene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 21:58	1
Benzo[g,h,i]perylene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 21:58	1
Benzoic acid	ND		10		ug/L		10/14/14 10:04	10/15/14 21:58	1
Azobenzene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 21:58	1
Dibenz(a,h)anthracene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 21:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	48		11 - 92	10/14/14 10:04	10/15/14 21:58	1
2-Fluorobiphenyl	47		10 - 101	10/14/14 10:04	10/15/14 21:58	1
Terphenyl-d14	87		34 - 128	10/14/14 10:04	10/15/14 21:58	1
2-Fluorophenol	20		10 - 65	10/14/14 10:04	10/15/14 21:58	1
Phenol-d5	13		10 - 46	10/14/14 10:04	10/15/14 21:58	1
2,4,6-Tribromophenol	50		17 - 115	10/14/14 10:04	10/15/14 21:58	1

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
 Project/Site: Philips San Jose

TestAmerica Job ID: 720-60447-1

Client Sample ID: PLSB-8

Lab Sample ID: 720-60447-3

Date Collected: 10/08/14 11:50

Matrix: Water

Date Received: 10/08/14 18:45

Method: 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.010		mg/L		10/09/14 19:16	10/10/14 20:15	1
Arsenic	ND		0.010		mg/L		10/09/14 19:16	10/10/14 20:15	1
Beryllium	ND		0.0020		mg/L		10/09/14 19:16	10/10/14 20:15	1
Cadmium	ND		0.0020		mg/L		10/09/14 19:16	10/10/14 20:15	1
Chromium	ND		0.010		mg/L		10/09/14 19:16	10/10/14 20:15	1
Copper	ND		0.020		mg/L		10/09/14 19:16	10/10/14 20:15	1
Lead	ND		0.0050		mg/L		10/09/14 19:16	10/10/14 20:15	1
Nickel	ND		0.010		mg/L		10/09/14 19:16	10/10/14 20:15	1
Selenium	ND		0.020		mg/L		10/09/14 19:16	10/10/14 20:15	1
Silver	ND		0.0050		mg/L		10/09/14 19:16	10/10/14 20:15	1
Zinc	0.027		0.020		mg/L		10/09/14 19:16	10/10/14 20:15	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		10/10/14 09:28	10/10/14 13:30	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010		mg/L		10/10/14 13:00	10/11/14 12:53	1

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60447-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 720-168840/4

Matrix: Water

Analysis Batch: 168840

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			10/15/14 09:07	1
Acetone	ND		50		ug/L			10/15/14 09:07	1
Benzene	ND		0.50		ug/L			10/15/14 09:07	1
Dichlorobromomethane	ND		0.50		ug/L			10/15/14 09:07	1
Bromobenzene	ND		1.0		ug/L			10/15/14 09:07	1
Chlorobromomethane	ND		1.0		ug/L			10/15/14 09:07	1
Bromoform	ND		1.0		ug/L			10/15/14 09:07	1
Bromomethane	ND		1.0		ug/L			10/15/14 09:07	1
2-Butanone (MEK)	ND		50		ug/L			10/15/14 09:07	1
n-Butylbenzene	ND		1.0		ug/L			10/15/14 09:07	1
sec-Butylbenzene	ND		1.0		ug/L			10/15/14 09:07	1
tert-Butylbenzene	ND		1.0		ug/L			10/15/14 09:07	1
Carbon disulfide	ND		5.0		ug/L			10/15/14 09:07	1
Carbon tetrachloride	ND		0.50		ug/L			10/15/14 09:07	1
Chlorobenzene	ND		0.50		ug/L			10/15/14 09:07	1
Chloroethane	ND		1.0		ug/L			10/15/14 09:07	1
Chloroform	ND		1.0		ug/L			10/15/14 09:07	1
Chloromethane	ND		1.0		ug/L			10/15/14 09:07	1
2-Chlorotoluene	ND		0.50		ug/L			10/15/14 09:07	1
4-Chlorotoluene	ND		0.50		ug/L			10/15/14 09:07	1
Chlorodibromomethane	ND		0.50		ug/L			10/15/14 09:07	1
1,2-Dichlorobenzene	ND		0.50		ug/L			10/15/14 09:07	1
1,3-Dichlorobenzene	ND		0.50		ug/L			10/15/14 09:07	1
1,4-Dichlorobenzene	ND		0.50		ug/L			10/15/14 09:07	1
1,3-Dichloropropane	ND		1.0		ug/L			10/15/14 09:07	1
1,1-Dichloropropene	ND		0.50		ug/L			10/15/14 09:07	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			10/15/14 09:07	1
Ethylene Dibromide	ND		0.50		ug/L			10/15/14 09:07	1
Dibromomethane	ND		0.50		ug/L			10/15/14 09:07	1
Dichlorodifluoromethane	ND		0.50		ug/L			10/15/14 09:07	1
1,1-Dichloroethane	ND		0.50		ug/L			10/15/14 09:07	1
1,2-Dichloroethane	ND		0.50		ug/L			10/15/14 09:07	1
1,1-Dichloroethene	ND		0.50		ug/L			10/15/14 09:07	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			10/15/14 09:07	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			10/15/14 09:07	1
1,2-Dichloropropane	ND		0.50		ug/L			10/15/14 09:07	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			10/15/14 09:07	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			10/15/14 09:07	1
Ethylbenzene	ND		0.50		ug/L			10/15/14 09:07	1
Hexachlorobutadiene	ND		1.0		ug/L			10/15/14 09:07	1
2-Hexanone	ND		50		ug/L			10/15/14 09:07	1
Isopropylbenzene	ND		0.50		ug/L			10/15/14 09:07	1
4-Isopropyltoluene	ND		1.0		ug/L			10/15/14 09:07	1
Methylene Chloride	ND		5.0		ug/L			10/15/14 09:07	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			10/15/14 09:07	1
Naphthalene	ND		1.0		ug/L			10/15/14 09:07	1
N-Propylbenzene	ND		1.0		ug/L			10/15/14 09:07	1
Styrene	ND		0.50		ug/L			10/15/14 09:07	1

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60447-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 720-168840/4

Matrix: Water

Analysis Batch: 168840

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			10/15/14 09:07	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			10/15/14 09:07	1
Tetrachloroethene	ND		0.50		ug/L			10/15/14 09:07	1
Toluene	ND		0.50		ug/L			10/15/14 09:07	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			10/15/14 09:07	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			10/15/14 09:07	1
1,1,1-Trichloroethane	ND		0.50		ug/L			10/15/14 09:07	1
1,1,2-Trichloroethane	ND		0.50		ug/L			10/15/14 09:07	1
Trichloroethene	ND		0.50		ug/L			10/15/14 09:07	1
Trichlorofluoromethane	ND		1.0		ug/L			10/15/14 09:07	1
1,2,3-Trichloropropane	ND		0.50		ug/L			10/15/14 09:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			10/15/14 09:07	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			10/15/14 09:07	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			10/15/14 09:07	1
Vinyl acetate	ND		10		ug/L			10/15/14 09:07	1
Vinyl chloride	ND		0.50		ug/L			10/15/14 09:07	1
Xylenes, Total	ND		1.0		ug/L			10/15/14 09:07	1
2,2-Dichloropropane	ND		0.50		ug/L			10/15/14 09:07	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	92		67 - 130		10/15/14 09:07	1
1,2-Dichloroethane-d4 (Surr)	86		72 - 130		10/15/14 09:07	1
Toluene-d8 (Surr)	91		70 - 130		10/15/14 09:07	1

Lab Sample ID: LCS 720-168840/5

Matrix: Water

Analysis Batch: 168840

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl tert-butyl ether	25.0	21.9		ug/L		88	62 - 130
Acetone	125	115		ug/L		92	26 - 180
Benzene	25.0	23.0		ug/L		92	79 - 130
Dichlorobromomethane	25.0	23.0		ug/L		92	70 - 130
Bromobenzene	25.0	23.7		ug/L		95	70 - 130
Chlorobromomethane	25.0	22.6		ug/L		90	70 - 130
Bromoform	25.0	25.1		ug/L		100	68 - 136
Bromomethane	25.0	22.7		ug/L		91	43 - 151
2-Butanone (MEK)	125	119		ug/L		95	54 - 130
n-Butylbenzene	25.0	24.4		ug/L		98	70 - 142
sec-Butylbenzene	25.0	24.1		ug/L		96	70 - 134
tert-Butylbenzene	25.0	23.7		ug/L		95	70 - 135
Carbon disulfide	25.0	18.9		ug/L		76	58 - 130
Carbon tetrachloride	25.0	23.9		ug/L		96	70 - 146
Chlorobenzene	25.0	24.2		ug/L		97	70 - 130
Chloroethane	25.0	22.2		ug/L		89	62 - 138
Chloroform	25.0	23.2		ug/L		93	70 - 130
Chloromethane	25.0	20.8		ug/L		83	52 - 175
2-Chlorotoluene	25.0	23.3		ug/L		93	70 - 130

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60447-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 720-168840/5

Matrix: Water

Analysis Batch: 168840

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4-Chlorotoluene	25.0	23.4		ug/L		94	70 - 130
Chlorodibromomethane	25.0	24.6		ug/L		98	70 - 145
1,2-Dichlorobenzene	25.0	23.5		ug/L		94	70 - 130
1,3-Dichlorobenzene	25.0	24.1		ug/L		96	70 - 130
1,4-Dichlorobenzene	25.0	23.8		ug/L		95	70 - 130
1,3-Dichloropropane	25.0	22.8		ug/L		91	70 - 130
1,1-Dichloropropene	25.0	25.2		ug/L		101	70 - 130
1,2-Dibromo-3-Chloropropane	25.0	25.0		ug/L		100	70 - 136
Ethylene Dibromide	25.0	24.2		ug/L		97	70 - 130
Dibromomethane	25.0	23.4		ug/L		94	70 - 130
Dichlorodifluoromethane	25.0	20.6		ug/L		83	34 - 132
1,1-Dichloroethane	25.0	22.6		ug/L		90	70 - 130
1,2-Dichloroethane	25.0	22.1		ug/L		88	61 - 132
1,1-Dichloroethene	25.0	20.4		ug/L		82	64 - 128
cis-1,2-Dichloroethene	25.0	22.7		ug/L		91	70 - 130
trans-1,2-Dichloroethene	25.0	22.8		ug/L		91	68 - 130
1,2-Dichloropropane	25.0	22.8		ug/L		91	70 - 130
cis-1,3-Dichloropropene	25.0	24.9		ug/L		99	70 - 130
trans-1,3-Dichloropropene	25.0	27.0		ug/L		108	70 - 140
Ethylbenzene	25.0	23.9		ug/L		96	80 - 120
Hexachlorobutadiene	25.0	24.3		ug/L		97	70 - 130
2-Hexanone	125	103		ug/L		82	60 - 164
Isopropylbenzene	25.0	24.7		ug/L		99	70 - 130
4-Isopropyltoluene	25.0	23.8		ug/L		95	70 - 130
Methylene Chloride	25.0	21.7		ug/L		87	70 - 147
4-Methyl-2-pentanone (MIBK)	125	106		ug/L		85	58 - 130
Naphthalene	25.0	23.9		ug/L		96	70 - 130
N-Propylbenzene	25.0	24.1		ug/L		96	70 - 130
Styrene	25.0	24.4		ug/L		98	70 - 130
1,1,1,2-Tetrachloroethane	25.0	24.5		ug/L		98	70 - 130
1,1,2,2-Tetrachloroethane	25.0	23.3		ug/L		93	70 - 130
Tetrachloroethene	25.0	24.9		ug/L		100	70 - 130
Toluene	25.0	23.8		ug/L		95	78 - 120
1,2,3-Trichlorobenzene	25.0	24.2		ug/L		97	70 - 130
1,2,4-Trichlorobenzene	25.0	25.6		ug/L		102	70 - 130
1,1,1-Trichloroethane	25.0	23.5		ug/L		94	70 - 130
1,1,2-Trichloroethane	25.0	24.1		ug/L		97	70 - 130
Trichloroethene	25.0	24.4		ug/L		98	70 - 130
Trichlorofluoromethane	25.0	23.5		ug/L		94	66 - 132
1,2,3-Trichloropropane	25.0	23.9		ug/L		96	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	21.3		ug/L		85	42 - 162
1,2,4-Trimethylbenzene	25.0	23.5		ug/L		94	70 - 132
1,3,5-Trimethylbenzene	25.0	24.0		ug/L		96	70 - 130
Vinyl acetate	25.0	19.8		ug/L		79	43 - 163
Vinyl chloride	25.0	22.0		ug/L		88	54 - 135
m-Xylene & p-Xylene	25.0	23.9		ug/L		96	70 - 142
o-Xylene	25.0	23.9		ug/L		96	70 - 130

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60447-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 720-168840/5

Matrix: Water

Analysis Batch: 168840

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,2-Dichloropropane	25.0	24.3		ug/L		97	70 - 140

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	93		67 - 130
1,2-Dichloroethane-d4 (Surr)	86		72 - 130
Toluene-d8 (Surr)	94		70 - 130

Lab Sample ID: LCSD 720-168840/6

Matrix: Water

Analysis Batch: 168840

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Methyl tert-butyl ether	25.0	22.3		ug/L		89	62 - 130	2	20
Acetone	125	116		ug/L		92	26 - 180	1	30
Benzene	25.0	23.1		ug/L		92	79 - 130	0	20
Dichlorobromomethane	25.0	23.2		ug/L		93	70 - 130	1	20
Bromobenzene	25.0	24.0		ug/L		96	70 - 130	1	20
Chlorobromomethane	25.0	23.1		ug/L		93	70 - 130	2	20
Bromoform	25.0	25.3		ug/L		101	68 - 136	1	20
Bromomethane	25.0	22.8		ug/L		91	43 - 151	0	20
2-Butanone (MEK)	125	118		ug/L		95	54 - 130	1	20
n-Butylbenzene	25.0	24.3		ug/L		97	70 - 142	1	20
sec-Butylbenzene	25.0	24.1		ug/L		96	70 - 134	0	20
tert-Butylbenzene	25.0	23.8		ug/L		95	70 - 135	0	20
Carbon disulfide	25.0	19.1		ug/L		76	58 - 130	1	20
Carbon tetrachloride	25.0	24.1		ug/L		96	70 - 146	1	20
Chlorobenzene	25.0	24.4		ug/L		98	70 - 130	1	20
Chloroethane	25.0	22.4		ug/L		90	62 - 138	1	20
Chloroform	25.0	23.2		ug/L		93	70 - 130	0	20
Chloromethane	25.0	21.5		ug/L		86	52 - 175	3	20
2-Chlorotoluene	25.0	23.4		ug/L		94	70 - 130	0	20
4-Chlorotoluene	25.0	23.9		ug/L		96	70 - 130	2	20
Chlorodibromomethane	25.0	24.5		ug/L		98	70 - 145	0	20
1,2-Dichlorobenzene	25.0	23.9		ug/L		96	70 - 130	2	20
1,3-Dichlorobenzene	25.0	24.2		ug/L		97	70 - 130	0	20
1,4-Dichlorobenzene	25.0	24.1		ug/L		96	70 - 130	1	20
1,3-Dichloropropane	25.0	23.0		ug/L		92	70 - 130	1	20
1,1-Dichloropropene	25.0	25.1		ug/L		100	70 - 130	0	20
1,2-Dibromo-3-Chloropropane	25.0	24.6		ug/L		98	70 - 136	2	20
Ethylene Dibromide	25.0	24.3		ug/L		97	70 - 130	1	20
Dibromomethane	25.0	23.4		ug/L		94	70 - 130	0	20
Dichlorodifluoromethane	25.0	20.8		ug/L		83	34 - 132	1	20
1,1-Dichloroethane	25.0	23.0		ug/L		92	70 - 130	2	20
1,2-Dichloroethane	25.0	22.4		ug/L		90	61 - 132	1	20
1,1-Dichloroethane	25.0	20.6		ug/L		82	64 - 128	1	20
cis-1,2-Dichloroethane	25.0	22.8		ug/L		91	70 - 130	0	20
trans-1,2-Dichloroethane	25.0	23.1		ug/L		92	68 - 130	1	20
1,2-Dichloropropane	25.0	22.8		ug/L		91	70 - 130	0	20

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60447-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 720-168840/6

Matrix: Water

Analysis Batch: 168840

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits		RPD	RPD Limit
cis-1,3-Dichloropropene	25.0	24.8		ug/L		99	70 - 130	0	20	
trans-1,3-Dichloropropene	25.0	27.1		ug/L		108	70 - 140	0	20	
Ethylbenzene	25.0	24.2		ug/L		97	80 - 120	1	20	
Hexachlorobutadiene	25.0	24.3		ug/L		97	70 - 130	0	20	
2-Hexanone	125	102		ug/L		82	60 - 164	1	20	
Isopropylbenzene	25.0	25.0		ug/L		100	70 - 130	1	20	
4-Isopropyltoluene	25.0	23.9		ug/L		95	70 - 130	0	20	
Methylene Chloride	25.0	22.0		ug/L		88	70 - 147	1	20	
4-Methyl-2-pentanone (MIBK)	125	104		ug/L		83	58 - 130	2	20	
Naphthalene	25.0	24.1		ug/L		96	70 - 130	1	20	
N-Propylbenzene	25.0	24.1		ug/L		96	70 - 130	0	20	
Styrene	25.0	24.7		ug/L		99	70 - 130	1	20	
1,1,1,2-Tetrachloroethane	25.0	24.7		ug/L		99	70 - 130	0	20	
1,1,2,2-Tetrachloroethane	25.0	23.3		ug/L		93	70 - 130	0	20	
Tetrachloroethene	25.0	25.1		ug/L		100	70 - 130	0	20	
Toluene	25.0	23.9		ug/L		96	78 - 120	1	20	
1,2,3-Trichlorobenzene	25.0	24.6		ug/L		98	70 - 130	2	20	
1,2,4-Trichlorobenzene	25.0	25.6		ug/L		102	70 - 130	0	20	
1,1,1-Trichloroethane	25.0	23.3		ug/L		93	70 - 130	1	20	
1,1,2-Trichloroethane	25.0	23.8		ug/L		95	70 - 130	1	20	
Trichloroethene	25.0	24.4		ug/L		97	70 - 130	0	20	
Trichlorofluoromethane	25.0	20.6		ug/L		82	66 - 132	13	20	
1,2,3-Trichloropropane	25.0	23.6		ug/L		95	70 - 130	1	20	
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	21.4		ug/L		86	42 - 162	0	20	
1,2,4-Trimethylbenzene	25.0	23.7		ug/L		95	70 - 132	1	20	
1,3,5-Trimethylbenzene	25.0	24.1		ug/L		97	70 - 130	1	20	
Vinyl acetate	25.0	20.0		ug/L		80	43 - 163	1	20	
Vinyl chloride	25.0	22.3		ug/L		89	54 - 135	1	20	
m-Xylene & p-Xylene	25.0	24.0		ug/L		96	70 - 142	0	20	
o-Xylene	25.0	24.2		ug/L		97	70 - 130	1	20	
2,2-Dichloropropane	25.0	24.5		ug/L		98	70 - 140	1	20	

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene	95		67 - 130
1,2-Dichloroethane-d4 (Surr)	85		72 - 130
Toluene-d8 (Surr)	94		70 - 130

Lab Sample ID: 720-60457-A-1 MS

Matrix: Water

Analysis Batch: 168840

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS		Unit	D	%Rec	%Rec. Limits	
				Result	Qualifier					
Methyl tert-butyl ether	ND		25.0	23.5		ug/L		94	60 - 138	
Acetone	ND		125	104		ug/L		83	60 - 140	
Benzene	ND		25.0	23.1		ug/L		92	60 - 140	
Dichlorobromomethane	ND		25.0	23.7		ug/L		95	60 - 140	
Bromobenzene	ND		25.0	23.5		ug/L		94	60 - 140	

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60447-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 720-60457-A-1 MS

Client Sample ID: Matrix Spike

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 168840

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier	Added	Result	Qualifier				
Chlorobromomethane	ND		25.0	23.2		ug/L		93	60 - 140
Bromoform	ND		25.0	25.6		ug/L		103	56 - 140
Bromomethane	ND		25.0	22.2		ug/L		89	23 - 140
2-Butanone (MEK)	ND		125	117		ug/L		94	60 - 140
n-Butylbenzene	ND		25.0	23.8		ug/L		95	60 - 140
sec-Butylbenzene	ND		25.0	23.2		ug/L		93	60 - 140
tert-Butylbenzene	ND		25.0	22.9		ug/L		91	60 - 140
Carbon disulfide	ND		25.0	18.6		ug/L		74	38 - 140
Carbon tetrachloride	ND		25.0	23.4		ug/L		94	60 - 140
Chlorobenzene	ND		25.0	24.0		ug/L		96	60 - 140
Chloroethane	ND		25.0	21.9		ug/L		88	51 - 140
Chloroform	ND		25.0	23.3		ug/L		93	60 - 140
Chloromethane	ND		25.0	21.0		ug/L		84	52 - 140
2-Chlorotoluene	ND		25.0	22.7		ug/L		91	60 - 140
4-Chlorotoluene	ND		25.0	23.0		ug/L		92	60 - 140
Chlorodibromomethane	ND		25.0	25.3		ug/L		101	60 - 140
1,2-Dichlorobenzene	ND		25.0	23.6		ug/L		94	60 - 140
1,3-Dichlorobenzene	ND		25.0	23.8		ug/L		95	60 - 140
1,4-Dichlorobenzene	ND		25.0	23.9		ug/L		96	60 - 140
1,3-Dichloropropane	ND		25.0	24.0		ug/L		96	60 - 140
1,1-Dichloropropene	ND		25.0	24.6		ug/L		99	60 - 140
1,2-Dibromo-3-Chloropropane	ND		25.0	26.9		ug/L		108	60 - 140
Ethylene Dibromide	ND		25.0	25.1		ug/L		100	60 - 140
Dibromomethane	ND		25.0	23.9		ug/L		96	60 - 140
Dichlorodifluoromethane	ND		25.0	20.4		ug/L		82	38 - 140
1,1-Dichloroethane	ND		25.0	22.7		ug/L		91	60 - 140
1,2-Dichloroethane	ND		25.0	22.7		ug/L		91	60 - 140
1,1-Dichloroethene	ND		25.0	20.0		ug/L		80	60 - 140
cis-1,2-Dichloroethene	ND		25.0	22.9		ug/L		92	60 - 140
trans-1,2-Dichloroethene	ND		25.0	22.9		ug/L		91	60 - 140
1,2-Dichloropropane	ND		25.0	23.6		ug/L		93	60 - 140
cis-1,3-Dichloropropene	ND		25.0	25.7		ug/L		103	60 - 140
trans-1,3-Dichloropropene	ND		25.0	28.1		ug/L		112	60 - 140
Ethylbenzene	ND		25.0	23.4		ug/L		94	60 - 140
Hexachlorobutadiene	ND		25.0	23.6		ug/L		95	60 - 140
2-Hexanone	ND		125	111		ug/L		88	60 - 140
Isopropylbenzene	ND		25.0	24.1		ug/L		96	60 - 140
4-Isopropyltoluene	ND		25.0	23.0		ug/L		92	60 - 140
Methylene Chloride	ND		25.0	21.8		ug/L		87	40 - 140
4-Methyl-2-pentanone (MIBK)	ND		125	113		ug/L		90	58 - 130
Naphthalene	ND		25.0	24.9		ug/L		99	56 - 140
N-Propylbenzene	ND		25.0	23.3		ug/L		93	60 - 140
Styrene	ND		25.0	24.3		ug/L		97	60 - 140
1,1,1,2-Tetrachloroethane	ND		25.0	24.2		ug/L		97	60 - 140
1,1,2,2-Tetrachloroethane	ND		25.0	24.1		ug/L		96	60 - 140
Tetrachloroethene	ND		25.0	24.7		ug/L		99	60 - 140
Toluene	ND		25.0	23.5		ug/L		94	60 - 140
1,2,3-Trichlorobenzene	ND		25.0	24.6		ug/L		99	60 - 140

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60447-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 720-60457-A-1 MS

Client Sample ID: Matrix Spike

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 168840

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier	Added	Result	Qualifier				
1,2,4-Trichlorobenzene	ND		25.0	26.1		ug/L		105	60 - 140
1,1,1-Trichloroethane	ND		25.0	22.6		ug/L		91	60 - 140
1,1,2-Trichloroethane	ND		25.0	24.7		ug/L		99	60 - 140
Trichloroethene	ND		25.0	24.6		ug/L		97	60 - 140
Trichlorofluoromethane	ND		25.0	22.8		ug/L		91	60 - 140
1,2,3-Trichloropropane	1.2		25.0	25.8		ug/L		98	60 - 140
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	20.7		ug/L		83	60 - 140
1,2,4-Trimethylbenzene	ND		25.0	23.2		ug/L		93	60 - 140
1,3,5-Trimethylbenzene	ND		25.0	23.2		ug/L		93	60 - 140
Vinyl acetate	ND		25.0	21.6		ug/L		86	40 - 140
Vinyl chloride	ND		25.0	21.6		ug/L		86	58 - 140
m-Xylene & p-Xylene	ND		25.0	23.6		ug/L		94	60 - 140
o-Xylene	ND		25.0	23.6		ug/L		94	60 - 140
2,2-Dichloropropane	ND		25.0	23.2		ug/L		93	60 - 140

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene	95		67 - 130
1,2-Dichloroethane-d4 (Surr)	87		72 - 130
Toluene-d8 (Surr)	94		70 - 130

Lab Sample ID: 720-60457-A-1 MSD

Client Sample ID: Matrix Spike Duplicate

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 168840

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
	Result	Qualifier	Added	Result	Qualifier						
Methyl tert-butyl ether	ND		25.0	22.4		ug/L		90	60 - 138	5	20
Acetone	ND		125	101		ug/L		81	60 - 140	2	20
Benzene	ND		25.0	23.6		ug/L		94	60 - 140	2	20
Dichlorobromomethane	ND		25.0	23.0		ug/L		92	60 - 140	3	20
Bromobenzene	ND		25.0	24.1		ug/L		96	60 - 140	2	20
Chlorobromomethane	ND		25.0	22.8		ug/L		91	60 - 140	2	20
Bromoform	ND		25.0	24.6		ug/L		98	56 - 140	4	20
Bromomethane	ND		25.0	23.6		ug/L		94	23 - 140	6	20
2-Butanone (MEK)	ND		125	114		ug/L		91	60 - 140	2	20
n-Butylbenzene	ND		25.0	25.0		ug/L		100	60 - 140	5	20
sec-Butylbenzene	ND		25.0	24.3		ug/L		97	60 - 140	5	20
tert-Butylbenzene	ND		25.0	23.9		ug/L		95	60 - 140	4	20
Carbon disulfide	ND		25.0	19.3		ug/L		77	38 - 140	4	20
Carbon tetrachloride	ND		25.0	24.3		ug/L		97	60 - 140	4	20
Chlorobenzene	ND		25.0	24.5		ug/L		98	60 - 140	2	20
Chloroethane	ND		25.0	22.9		ug/L		92	51 - 140	5	20
Chloroform	ND		25.0	23.6		ug/L		94	60 - 140	1	20
Chloromethane	ND		25.0	21.4		ug/L		85	52 - 140	2	20
2-Chlorotoluene	ND		25.0	23.6		ug/L		94	60 - 140	4	20
4-Chlorotoluene	ND		25.0	24.0		ug/L		96	60 - 140	4	20
Chlorodibromomethane	ND		25.0	24.7		ug/L		99	60 - 140	2	20
1,2-Dichlorobenzene	ND		25.0	24.0		ug/L		96	60 - 140	2	20

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60447-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 720-60457-A-1 MSD

Matrix: Water

Analysis Batch: 168840

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		
1,3-Dichlorobenzene	ND		25.0	24.3		ug/L		97	60 - 140	2	20
1,4-Dichlorobenzene	ND		25.0	24.2		ug/L		97	60 - 140	1	20
1,3-Dichloropropane	ND		25.0	23.1		ug/L		92	60 - 140	4	20
1,1-Dichloropropene	ND		25.0	25.5		ug/L		102	60 - 140	3	20
1,2-Dibromo-3-Chloropropane	ND		25.0	24.3		ug/L		97	60 - 140	10	20
Ethylene Dibromide	ND		25.0	24.3		ug/L		97	60 - 140	3	20
Dibromomethane	ND		25.0	23.4		ug/L		94	60 - 140	2	20
Dichlorodifluoromethane	ND		25.0	21.5		ug/L		86	38 - 140	5	20
1,1-Dichloroethane	ND		25.0	23.1		ug/L		92	60 - 140	2	20
1,2-Dichloroethane	ND		25.0	22.1		ug/L		89	60 - 140	3	20
1,1-Dichloroethene	ND		25.0	20.7		ug/L		83	60 - 140	4	20
cis-1,2-Dichloroethene	ND		25.0	23.0		ug/L		92	60 - 140	0	20
trans-1,2-Dichloroethene	ND		25.0	23.6		ug/L		94	60 - 140	3	20
1,2-Dichloropropane	ND		25.0	23.4		ug/L		92	60 - 140	1	20
cis-1,3-Dichloropropene	ND		25.0	25.4		ug/L		102	60 - 140	1	20
trans-1,3-Dichloropropene	ND		25.0	27.3		ug/L		109	60 - 140	3	20
Ethylbenzene	ND		25.0	24.1		ug/L		96	60 - 140	3	20
Hexachlorobutadiene	ND		25.0	25.0		ug/L		100	60 - 140	6	20
2-Hexanone	ND		125	102		ug/L		81	60 - 140	8	20
Isopropylbenzene	ND		25.0	25.0		ug/L		100	60 - 140	4	20
4-Isopropyltoluene	ND		25.0	24.3		ug/L		97	60 - 140	5	20
Methylene Chloride	ND		25.0	21.6		ug/L		86	40 - 140	1	20
4-Methyl-2-pentanone (MIBK)	ND		125	108		ug/L		86	58 - 130	5	20
Naphthalene	ND		25.0	23.9		ug/L		96	56 - 140	4	20
N-Propylbenzene	ND		25.0	24.4		ug/L		98	60 - 140	5	20
Styrene	ND		25.0	24.3		ug/L		97	60 - 140	0	20
1,1,1,2-Tetrachloroethane	ND		25.0	24.3		ug/L		97	60 - 140	0	20
1,1,1,2,2-Tetrachloroethane	ND		25.0	23.1		ug/L		93	60 - 140	4	20
Tetrachloroethene	ND		25.0	25.3		ug/L		101	60 - 140	3	20
Toluene	ND		25.0	23.9		ug/L		96	60 - 140	2	20
1,2,3-Trichlorobenzene	ND		25.0	24.9		ug/L		100	60 - 140	1	20
1,2,4-Trichlorobenzene	ND		25.0	26.1		ug/L		104	60 - 140	0	20
1,1,1-Trichloroethane	ND		25.0	23.2		ug/L		93	60 - 140	2	20
1,1,2-Trichloroethane	ND		25.0	23.9		ug/L		96	60 - 140	3	20
Trichloroethene	ND		25.0	25.0		ug/L		98	60 - 140	2	20
Trichlorofluoromethane	ND		25.0	24.6		ug/L		98	60 - 140	7	20
1,2,3-Trichloropropane	1.2		25.0	24.6		ug/L		93	60 - 140	5	20
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	21.8		ug/L		87	60 - 140	5	20
1,2,4-Trimethylbenzene	ND		25.0	23.9		ug/L		95	60 - 140	3	20
1,3,5-Trimethylbenzene	ND		25.0	24.1		ug/L		96	60 - 140	4	20
Vinyl acetate	ND		25.0	21.0		ug/L		84	40 - 140	3	20
Vinyl chloride	ND		25.0	23.1		ug/L		92	58 - 140	7	20
m-Xylene & p-Xylene	ND		25.0	24.1		ug/L		96	60 - 140	2	20
o-Xylene	ND		25.0	24.0		ug/L		96	60 - 140	2	20
2,2-Dichloropropane	ND		25.0	24.3		ug/L		97	60 - 140	4	20

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60447-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 720-60457-A-1 MSD

Matrix: Water

Analysis Batch: 168840

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Surrogate	MSD MSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene	94		67 - 130
1,2-Dichloroethane-d4 (Surr)	84		72 - 130
Toluene-d8 (Surr)	96		70 - 130

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 720-168778/1-A

Matrix: Water

Analysis Batch: 168855

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 168778

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Phenol	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Bis(2-chloroethyl)ether	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
2-Chlorophenol	ND		4.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
1,3-Dichlorobenzene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
1,4-Dichlorobenzene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Benzyl alcohol	ND		5.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
1,2-Dichlorobenzene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
2-Methylphenol	ND		4.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
4-Methylphenol	ND		8.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
N-Nitrosodi-n-propylamine	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Hexachloroethane	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Nitrobenzene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Isophorone	ND		4.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
2-Nitrophenol	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
2,4-Dimethylphenol	ND		3.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Bis(2-chloroethoxy)methane	ND		5.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
2,4-Dichlorophenol	ND		5.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
1,2,4-Trichlorobenzene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Naphthalene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
4-Chloroaniline	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Hexachlorobutadiene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
4-Chloro-3-methylphenol	ND		5.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
2-Methylnaphthalene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Hexachlorocyclopentadiene	ND		5.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
2,4,6-Trichlorophenol	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
2,4,5-Trichlorophenol	ND		4.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
2-Chloronaphthalene	ND		4.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
2-Nitroaniline	ND		10		ug/L		10/14/14 10:04	10/15/14 17:11	1
Dimethyl phthalate	ND		5.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Acenaphthylene	ND		4.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
3-Nitroaniline	ND		5.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Acenaphthene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
2,4-Dinitrophenol	ND		10		ug/L		10/14/14 10:04	10/15/14 17:11	1
4-Nitrophenol	ND		10		ug/L		10/14/14 10:04	10/15/14 17:11	1
Dibenzofuran	ND		4.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
2,4-Dinitrotoluene	ND		4.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
2,6-Dinitrotoluene	ND		5.0		ug/L		10/14/14 10:04	10/15/14 17:11	1

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60447-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 720-168778/1-A

Matrix: Water

Analysis Batch: 168855

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 168778

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	ND		5.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
4-Chlorophenyl phenyl ether	ND		5.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Fluorene	ND		4.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
4-Nitroaniline	ND		10		ug/L		10/14/14 10:04	10/15/14 17:11	1
2-Methyl-4,6-dinitrophenol	ND		10		ug/L		10/14/14 10:04	10/15/14 17:11	1
N-Nitrosodiphenylamine	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
4-Bromophenyl phenyl ether	ND		5.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Hexachlorobenzene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Pentachlorophenol	ND		10		ug/L		10/14/14 10:04	10/15/14 17:11	1
Phenanthrene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Anthracene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Di-n-butyl phthalate	ND		5.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Fluoranthene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Pyrene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Butyl benzyl phthalate	ND		5.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
3,3'-Dichlorobenzidine	ND		5.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Benzo[a]anthracene	ND		5.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Bis(2-ethylhexyl) phthalate	ND		10		ug/L		10/14/14 10:04	10/15/14 17:11	1
Chrysene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Di-n-octyl phthalate	ND		5.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Benzo[b]fluoranthene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Benzo[a]pyrene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Benzo[k]fluoranthene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Indeno[1,2,3-cd]pyrene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Benzo[g,h,i]perylene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Benzoic acid	ND		10		ug/L		10/14/14 10:04	10/15/14 17:11	1
Azobenzene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1
Dibenz(a,h)anthracene	ND		2.0		ug/L		10/14/14 10:04	10/15/14 17:11	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	46		11 - 92	10/14/14 10:04	10/15/14 17:11	1
2-Fluorobiphenyl	46		10 - 101	10/14/14 10:04	10/15/14 17:11	1
Terphenyl-d14	75		34 - 128	10/14/14 10:04	10/15/14 17:11	1
2-Fluorophenol	23		10 - 65	10/14/14 10:04	10/15/14 17:11	1
Phenol-d5	13		10 - 46	10/14/14 10:04	10/15/14 17:11	1
2,4,6-Tribromophenol	44		17 - 115	10/14/14 10:04	10/15/14 17:11	1

Lab Sample ID: LCS 720-168778/2-A

Matrix: Water

Analysis Batch: 168855

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 168778

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Phenol	40.0	5.72		ug/L		14	10 - 115
Bis(2-chloroethyl)ether	40.0	14.2		ug/L		35	12 - 115
2-Chlorophenol	40.0	11.2		ug/L		28	14 - 115
1,3-Dichlorobenzene	40.0	11.8		ug/L		30	13 - 115
1,4-Dichlorobenzene	40.0	11.8		ug/L		30	14 - 115
Benzyl alcohol	40.0	12.8		ug/L		32	19 - 115

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60447-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 720-168778/2-A

Matrix: Water

Analysis Batch: 168855

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 168778

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichlorobenzene	40.0	12.0		ug/L		30	10 - 115
2-Methylphenol	40.0	11.7		ug/L		29	13 - 115
4-Methylphenol	40.0	10.4		ug/L		26	10 - 115
N-Nitrosodi-n-propylamine	40.0	13.8		ug/L		35	17 - 115
Hexachloroethane	40.0	11.9		ug/L		30	9 - 115
Nitrobenzene	40.0	13.6		ug/L		34	18 - 115
Isophorone	40.0	14.7		ug/L		37	18 - 134
2-Nitrophenol	40.0	13.6		ug/L		34	14 - 115
2,4-Dimethylphenol	40.0	13.7		ug/L		34	10 - 119
Bis(2-chloroethoxy)methane	40.0	13.5		ug/L		34	10 - 119
2,4-Dichlorophenol	40.0	12.9		ug/L		32	13 - 118
1,2,4-Trichlorobenzene	40.0	12.4		ug/L		31	10 - 115
Naphthalene	40.0	12.9		ug/L		32	12 - 115
4-Chloroaniline	40.0	19.7		ug/L		49	26 - 115
Hexachlorobutadiene	40.0	11.7		ug/L		29	12 - 115
4-Chloro-3-methylphenol	40.0	14.7		ug/L		37	19 - 128
2-Methylnaphthalene	40.0	13.3		ug/L		33	16 - 115
Hexachlorocyclopentadiene	40.0	10.4		ug/L		26	10 - 115
2,4,6-Trichlorophenol	40.0	15.7		ug/L		39	20 - 120
2,4,5-Trichlorophenol	40.0	16.7		ug/L		42	22 - 117
2-Chloronaphthalene	40.0	14.7		ug/L		37	17 - 115
2-Nitroaniline	40.0	21.2		ug/L		53	37 - 119
Dimethyl phthalate	40.0	23.3		ug/L		58	48 - 127
Acenaphthylene	40.0	15.6		ug/L		39	29 - 129
3-Nitroaniline	40.0	23.3		ug/L		58	40 - 115
Acenaphthene	40.0	15.8		ug/L		39	25 - 115
2,4-Dinitrophenol	80.0	49.7		ug/L		62	44 - 116
4-Nitrophenol	80.0	26.5		ug/L		33	20 - 115
Dibenzofuran	40.0	16.6		ug/L		42	28 - 115
2,4-Dinitrotoluene	40.0	27.9		ug/L		70	42 - 115
2,6-Dinitrotoluene	40.0	21.8		ug/L		54	46 - 119
Diethyl phthalate	40.0	27.3		ug/L		68	44 - 115
4-Chlorophenyl phenyl ether	40.0	20.0		ug/L		50	32 - 115
Fluorene	40.0	18.6		ug/L		46	39 - 115
4-Nitroaniline	40.0	30.5		ug/L		76	46 - 115
2-Methyl-4,6-dinitrophenol	80.0	58.6		ug/L		73	42 - 135
N-Nitrosodiphenylamine	40.0	23.9		ug/L		60	41 - 115
4-Bromophenyl phenyl ether	40.0	20.9		ug/L		52	42 - 115
Hexachlorobenzene	40.0	22.5		ug/L		56	49 - 115
Pentachlorophenol	80.0	57.2		ug/L		71	42 - 121
Phenanthrene	40.0	25.3		ug/L		63	54 - 115
Anthracene	40.0	26.1		ug/L		65	54 - 115
Di-n-butyl phthalate	40.0	29.1		ug/L		73	58 - 115
Fluoranthene	40.0	28.5		ug/L		71	65 - 115
Pyrene	40.0	29.7		ug/L		74	53 - 115
Butyl benzyl phthalate	40.0	30.6		ug/L		76	37 - 115
3,3'-Dichlorobenzidene	40.0	19.3		ug/L		48	24 - 110
Benzo[a]anthracene	40.0	29.0		ug/L		73	56 - 115

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60447-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 720-168778/2-A

Matrix: Water

Analysis Batch: 168855

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 168778

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bis(2-ethylhexyl) phthalate	40.0	30.9		ug/L		77	59 - 115
Chrysene	40.0	28.1		ug/L		70	50 - 115
Di-n-octyl phthalate	40.0	30.4		ug/L		76	12 - 115
Benzo[b]fluoranthene	40.0	31.1		ug/L		78	50 - 115
Benzo[a]pyrene	40.0	29.7		ug/L		74	55 - 115
Benzo[k]fluoranthene	40.0	30.2		ug/L		75	60 - 115
Indeno[1,2,3-cd]pyrene	40.0	31.1		ug/L		78	49 - 117
Benzo[g,h,i]perylene	40.0	32.2		ug/L		81	54 - 115
Benzoic acid	40.0	7.10	J	ug/L		18	10 - 115
Azobenzene	40.0	20.8		ug/L		52	42 - 115
Dibenz(a,h)anthracene	40.0	31.9		ug/L		80	47 - 127

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Nitrobenzene-d5	35		11 - 92
2-Fluorobiphenyl	35		10 - 101
Terphenyl-d14	77		34 - 128
2-Fluorophenol	17		10 - 65
Phenol-d5	10		10 - 46
2,4,6-Tribromophenol	57		17 - 115

Lab Sample ID: LCSD 720-168778/3-A

Matrix: Water

Analysis Batch: 168855

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 168778

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Phenol	40.0	6.08		ug/L		15	10 - 115	6	51
Bis(2-chloroethyl)ether	40.0	15.4		ug/L		38	12 - 115	8	35
2-Chlorophenol	40.0	12.2		ug/L		31	14 - 115	9	40
1,3-Dichlorobenzene	40.0	12.9		ug/L		32	13 - 115	9	40
1,4-Dichlorobenzene	40.0	13.2		ug/L		33	14 - 115	11	41
Benzyl alcohol	40.0	13.8		ug/L		34	19 - 115	7	35
1,2-Dichlorobenzene	40.0	13.5		ug/L		34	10 - 115	12	35
2-Methylphenol	40.0	12.6		ug/L		32	13 - 115	8	35
4-Methylphenol	40.0	11.7		ug/L		29	10 - 115	12	35
N-Nitrosodi-n-propylamine	40.0	15.2		ug/L		38	17 - 115	9	34
Hexachloroethane	40.0	12.9		ug/L		32	9 - 115	8	35
Nitrobenzene	40.0	15.4		ug/L		38	18 - 115	12	43
Isophorone	40.0	16.4		ug/L		41	18 - 134	11	39
2-Nitrophenol	40.0	15.1		ug/L		38	14 - 115	11	46
2,4-Dimethylphenol	40.0	14.5		ug/L		36	10 - 119	5	44
Bis(2-chloroethoxy)methane	40.0	15.2		ug/L		38	10 - 119	12	46
2,4-Dichlorophenol	40.0	14.1		ug/L		35	13 - 118	9	38
1,2,4-Trichlorobenzene	40.0	13.7		ug/L		34	10 - 115	10	51
Naphthalene	40.0	14.2		ug/L		36	12 - 115	10	42
4-Chloroaniline	40.0	19.1		ug/L		48	26 - 115	3	49
Hexachlorobutadiene	40.0	12.7		ug/L		32	12 - 115	9	46
4-Chloro-3-methylphenol	40.0	16.6		ug/L		41	19 - 128	12	40
2-Methylnaphthalene	40.0	14.6		ug/L		36	16 - 115	9	45

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60447-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 720-168778/3-A

Matrix: Water

Analysis Batch: 168855

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 168778

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec.		RPD	Limit
							Limits	RPD		
Hexachlorocyclopentadiene	40.0	11.4		ug/L		29	10 - 115	9	63	
2,4,6-Trichlorophenol	40.0	18.3		ug/L		46	20 - 120	15	43	
2,4,5-Trichlorophenol	40.0	19.9		ug/L		50	22 - 117	17	41	
2-Chloronaphthalene	40.0	16.2		ug/L		41	17 - 115	10	49	
2-Nitroaniline	40.0	24.2		ug/L		60	37 - 119	13	29	
Dimethyl phthalate	40.0	24.8		ug/L		62	48 - 127	6	29	
Acenaphthylene	40.0	17.9		ug/L		45	29 - 129	13	40	
3-Nitroaniline	40.0	24.0		ug/L		60	40 - 115	3	30	
Acenaphthene	40.0	18.3		ug/L		46	25 - 115	15	40	
2,4-Dinitrophenol	80.0	51.6		ug/L		65	44 - 116	4	21	
4-Nitrophenol	80.0	28.2		ug/L		35	20 - 115	6	32	
Dibenzofuran	40.0	19.5		ug/L		49	28 - 115	16	46	
2,4-Dinitrotoluene	40.0	29.9		ug/L		75	42 - 115	7	19	
2,6-Dinitrotoluene	40.0	24.4		ug/L		61	46 - 119	12	26	
Diethyl phthalate	40.0	28.2		ug/L		70	44 - 115	3	24	
4-Chlorophenyl phenyl ether	40.0	22.7		ug/L		57	32 - 115	12	38	
Fluorene	40.0	21.4		ug/L		53	39 - 115	14	39	
4-Nitroaniline	40.0	30.9		ug/L		77	46 - 115	1	23	
2-Methyl-4,6-dinitrophenol	80.0	60.4		ug/L		76	42 - 135	3	19	
N-Nitrosodiphenylamine	40.0	25.6		ug/L		64	41 - 115	7	27	
4-Bromophenyl phenyl ether	40.0	23.1		ug/L		58	42 - 115	10	29	
Hexachlorobenzene	40.0	24.7		ug/L		62	49 - 115	9	28	
Pentachlorophenol	80.0	57.8		ug/L		72	42 - 121	1	22	
Phenanthrene	40.0	26.5		ug/L		66	54 - 115	5	35	
Anthracene	40.0	26.8		ug/L		67	54 - 115	3	25	
Di-n-butyl phthalate	40.0	30.4		ug/L		76	58 - 115	4	26	
Fluoranthene	40.0	30.1		ug/L		75	65 - 115	5	26	
Pyrene	40.0	30.9		ug/L		77	53 - 115	4	22	
Butyl benzyl phthalate	40.0	32.3		ug/L		81	37 - 115	5	21	
3,3'-Dichlorobenzidine	40.0	21.0		ug/L		52	24 - 110	8	30	
Benzo[a]anthracene	40.0	30.3		ug/L		76	56 - 115	4	24	
Bis(2-ethylhexyl) phthalate	40.0	31.9		ug/L		80	59 - 115	3	30	
Chrysene	40.0	29.4		ug/L		73	50 - 115	4	24	
Di-n-octyl phthalate	40.0	32.0		ug/L		80	12 - 115	5	27	
Benzo[b]fluoranthene	40.0	29.8		ug/L		75	50 - 115	4	31	
Benzo[a]pyrene	40.0	30.7		ug/L		77	55 - 115	3	23	
Benzo[k]fluoranthene	40.0	32.9		ug/L		82	60 - 115	9	39	
Indeno[1,2,3-cd]pyrene	40.0	32.6		ug/L		82	49 - 117	5	19	
Benzo[g,h,i]perylene	40.0	32.7		ug/L		82	54 - 115	2	35	
Benzoic acid	40.0	7.74	J	ug/L		19	10 - 115	9	56	
Azobenzene	40.0	23.1		ug/L		58	42 - 115	10	35	
Dibenz(a,h)anthracene	40.0	33.3		ug/L		83	47 - 127	4	35	

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
Nitrobenzene-d5	39		11 - 92
2-Fluorobiphenyl	41		10 - 101
Terphenyl-d14	82		34 - 128
2-Fluorophenol	18		10 - 65

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60447-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 720-168778/3-A
Matrix: Water
Analysis Batch: 168855

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 168778

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Phenol-d5	11		10 - 46
2,4,6-Tribromophenol	64		17 - 115

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 720-168554/1-A
Matrix: Water
Analysis Batch: 168680

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 168554

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.010		mg/L		10/09/14 19:16	10/10/14 19:27	1
Arsenic	ND		0.010		mg/L		10/09/14 19:16	10/10/14 19:27	1
Beryllium	ND		0.0020		mg/L		10/09/14 19:16	10/10/14 19:27	1
Cadmium	ND		0.0020		mg/L		10/09/14 19:16	10/10/14 19:27	1
Chromium	ND		0.010		mg/L		10/09/14 19:16	10/10/14 19:27	1
Copper	ND		0.020		mg/L		10/09/14 19:16	10/10/14 19:27	1
Lead	ND		0.0050		mg/L		10/09/14 19:16	10/10/14 19:27	1
Nickel	ND		0.010		mg/L		10/09/14 19:16	10/10/14 19:27	1
Selenium	ND		0.020		mg/L		10/09/14 19:16	10/10/14 19:27	1
Silver	ND		0.0050		mg/L		10/09/14 19:16	10/10/14 19:27	1
Zinc	ND		0.020		mg/L		10/09/14 19:16	10/10/14 19:27	1

Lab Sample ID: LCS 720-168554/2-A
Matrix: Water
Analysis Batch: 168680

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 168554

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	1.00	0.985		mg/L		99	80 - 120
Arsenic	1.00	1.01		mg/L		101	80 - 120
Beryllium	1.00	1.01		mg/L		101	80 - 120
Cadmium	1.00	1.01		mg/L		101	80 - 120
Chromium	1.00	1.01		mg/L		101	80 - 120
Copper	1.00	1.01		mg/L		101	80 - 120
Lead	1.00	1.04		mg/L		104	80 - 120
Nickel	1.00	1.02		mg/L		102	80 - 120
Selenium	1.00	1.03		mg/L		103	80 - 120
Silver	0.500	0.505		mg/L		101	80 - 120
Zinc	1.00	0.948		mg/L		95	80 - 120

Lab Sample ID: LCSD 720-168554/3-A
Matrix: Water
Analysis Batch: 168680

Client Sample ID: Lab Control Sample Dup
Prep Type: Total Recoverable
Prep Batch: 168554

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	1.00	0.985		mg/L		98	80 - 120	0	20
Arsenic	1.00	1.02		mg/L		102	80 - 120	1	20
Beryllium	1.00	1.02		mg/L		102	80 - 120	1	20
Cadmium	1.00	1.00		mg/L		100	80 - 120	1	20

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60447-1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCSD 720-168554/3-A

Matrix: Water

Analysis Batch: 168680

Client Sample ID: Lab Control Sample Dup

Prep Type: Total Recoverable

Prep Batch: 168554

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec.		RPD	Limit
							Limits	RPD		
Chromium	1.00	1.02		mg/L		102	80 - 120	1	20	
Copper	1.00	1.01		mg/L		101	80 - 120	1	20	
Lead	1.00	1.04		mg/L		104	80 - 120	0	20	
Nickel	1.00	1.02		mg/L		102	80 - 120	0	20	
Selenium	1.00	1.04		mg/L		104	80 - 120	1	20	
Silver	0.500	0.505		mg/L		101	80 - 120	0	20	
Zinc	1.00	0.942		mg/L		94	80 - 120	1	20	

Lab Sample ID: 720-60447-1 MS

Matrix: Water

Analysis Batch: 168680

Client Sample ID: PLSB-4

Prep Type: Dissolved

Prep Batch: 168554

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec.		RPD	Limit
									Limits	RPD		
Antimony	ND		1.00	1.00		mg/L		100	75 - 125			
Arsenic	ND		1.00	1.09		mg/L		108	75 - 125			
Beryllium	ND		1.00	1.03		mg/L		103	75 - 125			
Cadmium	ND		1.00	0.992		mg/L		99	75 - 125			
Chromium	ND		1.00	1.01		mg/L		101	75 - 125			
Copper	ND		1.00	1.00		mg/L		100	75 - 125			
Lead	ND		1.00	1.00		mg/L		100	75 - 125			
Nickel	ND		1.00	0.989		mg/L		98	75 - 125			
Selenium	ND		1.00	1.07		mg/L		105	75 - 125			
Silver	ND		0.500	0.509		mg/L		102	75 - 125			
Zinc	0.045		1.00	0.972		mg/L		93	75 - 125			

Lab Sample ID: 720-60447-1 MSD

Matrix: Water

Analysis Batch: 168680

Client Sample ID: PLSB-4

Prep Type: Dissolved

Prep Batch: 168554

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec.		RPD	Limit
									Limits	RPD		
Antimony	ND		1.00	0.981		mg/L		98	75 - 125	2	20	
Arsenic	ND		1.00	1.04		mg/L		104	75 - 125	4	20	
Beryllium	ND		1.00	0.983		mg/L		98	75 - 125	5	20	
Cadmium	ND		1.00	0.967		mg/L		97	75 - 125	3	20	
Chromium	ND		1.00	0.970		mg/L		97	75 - 125	4	20	
Copper	ND		1.00	0.977		mg/L		98	75 - 125	3	20	
Lead	ND		1.00	0.971		mg/L		97	75 - 125	3	20	
Nickel	ND		1.00	0.955		mg/L		95	75 - 125	3	20	
Selenium	ND		1.00	1.03		mg/L		102	75 - 125	3	20	
Silver	ND		0.500	0.493		mg/L		99	75 - 125	3	20	
Zinc	0.045		1.00	0.949		mg/L		90	75 - 125	2	20	

TestAmerica Pleasanton

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60447-1

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 720-168592/1-A
Matrix: Water
Analysis Batch: 168614

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 168592

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		10/10/14 09:28	10/10/14 12:56	1

Lab Sample ID: LCS 720-168592/2-A
Matrix: Water
Analysis Batch: 168614

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 168592

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.0100	0.00898		mg/L		90	85 - 115

Lab Sample ID: LCSD 720-168592/3-A
Matrix: Water
Analysis Batch: 168614

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 168592

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.0100	0.00878		mg/L		88	85 - 115	2	20

Lab Sample ID: 720-60455-A-1-D MS
Matrix: Water
Analysis Batch: 168614

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 168592

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	ND		0.0100	0.00830		mg/L		83	70 - 130

Lab Sample ID: 720-60455-A-1-E MSD
Matrix: Water
Analysis Batch: 168614

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 168592

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND		0.0100	0.00822		mg/L		82	70 - 130	1	20

Method: SM 4500 CN E - Cyanide, Total

Lab Sample ID: MB 500-258647/1-A
Matrix: Water
Analysis Batch: 258915

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 258647

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010		mg/L		10/10/14 13:00	10/11/14 12:50	1

Lab Sample ID: LCS 500-258647/2-A
Matrix: Water
Analysis Batch: 258915

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 258647

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	0.100	0.0984		mg/L		98	80 - 120

TestAmerica Pleasanton

QC Association Summary

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60447-1

GC/MS VOA

Analysis Batch: 168840

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60447-1	PLSB-4	Total/NA	Water	8260B	
720-60447-2	PLSB-6	Total/NA	Water	8260B	
720-60447-3	PLSB-8	Total/NA	Water	8260B	
720-60457-A-1 MS	Matrix Spike	Total/NA	Water	8260B	
720-60457-A-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B	
LCS 720-168840/5	Lab Control Sample	Total/NA	Water	8260B	
LCSD 720-168840/6	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 720-168840/4	Method Blank	Total/NA	Water	8260B	

GC/MS Semi VOA

Prep Batch: 168778

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60447-1	PLSB-4	Total/NA	Water	3510C	
720-60447-2	PLSB-6	Total/NA	Water	3510C	
720-60447-3	PLSB-8	Total/NA	Water	3510C	
LCS 720-168778/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 720-168778/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
MB 720-168778/1-A	Method Blank	Total/NA	Water	3510C	

Analysis Batch: 168855

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60447-1	PLSB-4	Total/NA	Water	8270C	168778
720-60447-2	PLSB-6	Total/NA	Water	8270C	168778
720-60447-3	PLSB-8	Total/NA	Water	8270C	168778
LCS 720-168778/2-A	Lab Control Sample	Total/NA	Water	8270C	168778
LCSD 720-168778/3-A	Lab Control Sample Dup	Total/NA	Water	8270C	168778
MB 720-168778/1-A	Method Blank	Total/NA	Water	8270C	168778

Metals

Prep Batch: 168554

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60447-1	PLSB-4	Dissolved	Water	3005A	
720-60447-1 MS	PLSB-4	Dissolved	Water	3005A	
720-60447-1 MSD	PLSB-4	Dissolved	Water	3005A	
720-60447-2	PLSB-6	Dissolved	Water	3005A	
720-60447-3	PLSB-8	Dissolved	Water	3005A	
LCS 720-168554/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
LCSD 720-168554/3-A	Lab Control Sample Dup	Total Recoverable	Water	3005A	
MB 720-168554/1-A	Method Blank	Total Recoverable	Water	3005A	

Prep Batch: 168592

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60447-1	PLSB-4	Dissolved	Water	7470A	
720-60447-2	PLSB-6	Dissolved	Water	7470A	
720-60447-3	PLSB-8	Dissolved	Water	7470A	
720-60455-A-1-D MS	Matrix Spike	Total/NA	Water	7470A	
720-60455-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	
LCS 720-168592/2-A	Lab Control Sample	Total/NA	Water	7470A	

TestAmerica Pleasanton

QC Association Summary

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60447-1

Metals (Continued)

Prep Batch: 168592 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 720-168592/3-A	Lab Control Sample Dup	Total/NA	Water	7470A	
MB 720-168592/1-A	Method Blank	Total/NA	Water	7470A	

Analysis Batch: 168614

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60447-1	PLSB-4	Dissolved	Water	7470A	168592
720-60447-2	PLSB-6	Dissolved	Water	7470A	168592
720-60447-3	PLSB-8	Dissolved	Water	7470A	168592
720-60455-A-1-D MS	Matrix Spike	Total/NA	Water	7470A	168592
720-60455-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	168592
LCS 720-168592/2-A	Lab Control Sample	Total/NA	Water	7470A	168592
LCSD 720-168592/3-A	Lab Control Sample Dup	Total/NA	Water	7470A	168592
MB 720-168592/1-A	Method Blank	Total/NA	Water	7470A	168592

Analysis Batch: 168680

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60447-1	PLSB-4	Dissolved	Water	6010B	168554
720-60447-1 MS	PLSB-4	Dissolved	Water	6010B	168554
720-60447-1 MSD	PLSB-4	Dissolved	Water	6010B	168554
720-60447-2	PLSB-6	Dissolved	Water	6010B	168554
720-60447-3	PLSB-8	Dissolved	Water	6010B	168554
LCS 720-168554/2-A	Lab Control Sample	Total Recoverable	Water	6010B	168554
LCSD 720-168554/3-A	Lab Control Sample Dup	Total Recoverable	Water	6010B	168554
MB 720-168554/1-A	Method Blank	Total Recoverable	Water	6010B	168554

General Chemistry

Prep Batch: 258647

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60447-1	PLSB-4	Total/NA	Water	Distill/CN	
720-60447-2	PLSB-6	Total/NA	Water	Distill/CN	
720-60447-3	PLSB-8	Total/NA	Water	Distill/CN	
LCS 500-258647/2-A	Lab Control Sample	Total/NA	Water	Distill/CN	
MB 500-258647/1-A	Method Blank	Total/NA	Water	Distill/CN	

Analysis Batch: 258915

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60447-1	PLSB-4	Total/NA	Water	SM 4500 CN E	258647
720-60447-2	PLSB-6	Total/NA	Water	SM 4500 CN E	258647
720-60447-3	PLSB-8	Total/NA	Water	SM 4500 CN E	258647
LCS 500-258647/2-A	Lab Control Sample	Total/NA	Water	SM 4500 CN E	258647
MB 500-258647/1-A	Method Blank	Total/NA	Water	SM 4500 CN E	258647

TestAmerica Pleasanton

Lab Chronicle

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60447-1

Client Sample ID: PLSB-4

Date Collected: 10/07/14 17:15

Date Received: 10/08/14 18:45

Lab Sample ID: 720-60447-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	168840	10/15/14 15:17	ASC	TAL PLS
Total/NA	Prep	3510C			168778	10/14/14 10:04	NDU	TAL PLS
Total/NA	Analysis	8270C		1	168855	10/15/14 21:10	MQL	TAL PLS
Dissolved	Prep	3005A			168554	10/09/14 19:16	ASB	TAL PLS
Dissolved	Analysis	6010B		1	168680	10/10/14 20:06	CAM	TAL PLS
Dissolved	Prep	7470A			168592	10/10/14 09:28	ECT	TAL PLS
Dissolved	Analysis	7470A		1	168614	10/10/14 13:26	SLK	TAL PLS
Total/NA	Prep	Distill/CN			258647	10/10/14 13:00	EAT	TAL CHI
Total/NA	Analysis	SM 4500 CN E		1	258915		EAT	TAL CHI
					(Start)	10/11/14 12:52		
					(End)	10/11/14 12:53		

Client Sample ID: PLSB-6

Date Collected: 10/08/14 07:30

Date Received: 10/08/14 18:45

Lab Sample ID: 720-60447-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	168840	10/15/14 15:48	ASC	TAL PLS
Total/NA	Prep	3510C			168778	10/14/14 10:04	NDU	TAL PLS
Total/NA	Analysis	8270C		1	168855	10/15/14 21:34	MQL	TAL PLS
Dissolved	Prep	3005A			168554	10/09/14 19:16	ASB	TAL PLS
Dissolved	Analysis	6010B		1	168680	10/10/14 20:10	CAM	TAL PLS
Dissolved	Prep	7470A			168592	10/10/14 09:28	ECT	TAL PLS
Dissolved	Analysis	7470A		1	168614	10/10/14 13:28	SLK	TAL PLS
Total/NA	Prep	Distill/CN			258647	10/10/14 13:00	EAT	TAL CHI
Total/NA	Analysis	SM 4500 CN E		1	258915		EAT	TAL CHI
					(Start)	10/11/14 12:53		
					(End)	10/11/14 12:53		

Client Sample ID: PLSB-8

Date Collected: 10/08/14 11:50

Date Received: 10/08/14 18:45

Lab Sample ID: 720-60447-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	168840	10/15/14 16:19	ASC	TAL PLS
Total/NA	Prep	3510C			168778	10/14/14 10:04	NDU	TAL PLS
Total/NA	Analysis	8270C		1	168855	10/15/14 21:58	MQL	TAL PLS
Dissolved	Prep	3005A			168554	10/09/14 19:16	ASB	TAL PLS
Dissolved	Analysis	6010B		1	168680	10/10/14 20:15	CAM	TAL PLS
Dissolved	Prep	7470A			168592	10/10/14 09:28	ECT	TAL PLS
Dissolved	Analysis	7470A		1	168614	10/10/14 13:30	SLK	TAL PLS
Total/NA	Prep	Distill/CN			258647	10/10/14 13:00	EAT	TAL CHI

TestAmerica Pleasanton

Lab Chronicle

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60447-1

Client Sample ID: PLSB-8

Lab Sample ID: 720-60447-3

Date Collected: 10/08/14 11:50

Matrix: Water

Date Received: 10/08/14 18:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 4500 CN E		1	258915	(Start) 10/11/14 12:53 (End) 10/11/14 12:54	EAT	TAL CHI

Laboratory References:

TAL CHI = TestAmerica Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919



Certification Summary

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60447-1

Laboratory: TestAmerica Pleasanton

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

Authority	Program	EPA Region	Certification ID	Expiration Date
California	State Program	9	2496	01-31-16

Analysis Method	Prep Method	Matrix	Analyte

Laboratory: TestAmerica Chicago

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Alabama	State Program	4	40461	04-30-15
California	State Program	9	2903	04-30-15
Georgia	State Program	4	N/A	04-30-15
Georgia	State Program	4	939	04-30-15
Hawaii	State Program	9	N/A	04-30-15
Illinois	NELAP	5	100201	04-30-15
Indiana	State Program	5	C-IL-02	04-30-15
Iowa	State Program	7	82	05-01-16
Kansas	NELAP	7	E-10161	10-31-14 *
Kentucky (UST)	State Program	4	66	04-30-15
Kentucky (WW)	State Program	4	KY90023	12-31-14 *
Massachusetts	State Program	1	M-IL035	06-30-15
Mississippi	State Program	4	N/A	04-30-15
New York	NELAP	2	IL00035	03-31-15
North Carolina (WW/SW)	State Program	4	291	12-31-14 *
North Dakota	State Program	8	R-194	04-30-15
Oklahoma	State Program	6	8908	08-31-15
South Carolina	State Program	4	77001	04-30-15
USDA	Federal		P330-12-00038	02-06-15
Wisconsin	State Program	5	999580010	08-31-15 *
Wyoming	State Program	8	8TMS-Q	04-30-15

* Certification renewal pending - certification considered valid.

Method Summary

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60447-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL PLS
8270C	Semivolatile Organic Compounds (GC/MS)	SW846	TAL PLS
6010B	Metals (ICP)	SW846	TAL PLS
7470A	Mercury (CVAA)	SW846	TAL PLS
SM 4500 CN E	Cyanide, Total	SM	TAL CHI

Protocol References:

SM = "Standard Methods For The Examination Of Water And Wastewater",

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

Laboratory References:

TAL CHI = TestAmerica Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919



Sample Summary

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60447-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-60447-1	PLSB-4	Water	10/07/14 17:15	10/08/14 18:45
720-60447-2	PLSB-6	Water	10/08/14 07:30	10/08/14 18:45
720-60447-3	PLSB-8	Water	10/08/14 11:50	10/08/14 18:45

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TestAmerica Pleasanton
1220 Quarry Lane
Pleasanton, CA 94566
phone 925.484.1919 fax

720-60447

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
510197
TestAmerica Laboratories, Inc.

Regulatory Program: DW NPDES RCRA Other:

Project Manager: Erik Skov

Site Contact: Erik Skov

Date: 2/20/04 10/8/14

COC No. 1 of 1 COCs

Tell/Fax: (415) 243-3845
Analysis Turnaround Time
 CALENDAR DAYS WORKING DAYS

TAT if different from Below
 2 weeks
 1 week
 2 days
 1 day

Lab Contact: Afsane Sallimpour
Carrier:
Filtered Sample (Y / N)
Perform MS / MSD (Y / N)
VOCs by EPA Method 8260B
Semi-Volatile Organics ²⁸
by EPA 8270C
Cyanide
CAM 17 *see spec inv

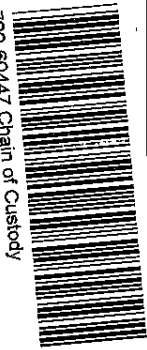
Sampler:
For Lab Use Only:
Walk-in Client:
Lab Sampling:
Job / SDG No.:

URS Corporation
One Montgomery Street, Suite 900
San Francisco, CA, 94104
(415) 896-6858 Phone
(415) 882-9261 FAX

Project Name: ~~Free~~ Phillips Sam Test
Site ~~Location~~ Phillips Sam Test
PO # 14966617 ²⁸

Sample Specific Notes:

Sample Identification	Sample Date	Sample Time	Type (C=Comp, G=Grub)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	VOCs by EPA Method 8260B	Semi-Volatile Organics ²⁸	by EPA 8270C	Cyanide	CAM 17 *see spec inv
PL5B-4	10/7/14	1715	G	M	7	X	X	X	X	X	X	X
PL5B-6	10/8/14	1330	G	M	7	X	X	X	X	X	X	X
PL5B-8	08/14/13	1130	G	W	7	X	X	X	X	X	X	X



720-60447 Chain of Custody

Preservation Used: Ice, HCl, H2SO4, HNO3, NaOH, Other

Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

Special Instructions/QC Requirements & Comments: *see spec inv for Arsenic, Cadmium, Chromium (total), Copper, Lead, Mercury, Nickel, Selenium, Silver, Zinc*

0.9/0.7/0.9%

Custody Seals intact: Yes No
Cooler Temp. (°C): Obs'd: _____ Therm ID No.: _____

Relinquished by: *[Signature]* Company: *URS* Date/Time: *10/8/14 1530*

Relinquished by: *[Signature]* Company: *TA* Date/Time: *10/8/14 1845*

Relinquished by: _____ Company: _____ Date/Time: _____

Login Sample Receipt Checklist

Client: URS Corporation

Job Number: 720-60447-1

Login Number: 60447

List Source: TestAmerica Pleasanton

List Number: 1

Creator: Bullock, Tracy

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
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 containers received 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.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



Login Sample Receipt Checklist

Client: URS Corporation

Job Number: 720-60447-1

Login Number: 60447

List Number: 2

Creator: Kelsey, Shawn M

List Source: TestAmerica Chicago

List Creation: 10/10/14 12:12 PM

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are 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 containers received 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	
Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	



TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Pleasanton
1220 Quarry Lane
Pleasanton, CA 94566
Tel: (925)484-1919

TestAmerica Job ID: 720-60503-1
Client Project/Site: Philips San Jose

For:
URS Corporation
One Montgomery Street
Suite 900
San Francisco, California 94104-4538

Attn: Mr. Erik Skov



Authorized for release by:
10/14/2014 5:31:41 PM

Afsaneh Salimpour, Senior Project Manager
(925)484-1919
afsaneh.salimpour@testamericainc.com

LINKS

Review your project
results through
TotalAccess

Have a Question?



Visit us at:
www.testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60503-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	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: Philips San Jose

TestAmerica Job ID: 720-60503-1

Job ID: 720-60503-1

Laboratory: TestAmerica Pleasanton

Narrative

Job Narrative
720-60503-1

Comments

No additional comments.

Receipt

The samples were received on 10/10/2014 6:45 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 4 coolers at receipt time were 0.5° C, 0.8° C, 0.9° C and 0.9° C.

Metals

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

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Detection Summary

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60503-1

Client Sample ID: SSBG-1

Lab Sample ID: 720-60503-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	9.3		3.6		mg/Kg	4		6010B	Total/NA

Client Sample ID: SSBG-2

Lab Sample ID: 720-60503-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	6.7		3.2		mg/Kg	4		6010B	Total/NA

Client Sample ID: SSBG-3

Lab Sample ID: 720-60503-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	8.0		3.3		mg/Kg	4		6010B	Total/NA

Client Sample ID: SS-1

Lab Sample ID: 720-60503-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	8.2		3.7		mg/Kg	4		6010B	Total/NA

Client Sample ID: SS-2

Lab Sample ID: 720-60503-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	7.4		3.9		mg/Kg	4		6010B	Total/NA

Client Sample ID: SS-3

Lab Sample ID: 720-60503-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	36		3.5		mg/Kg	4		6010B	Total/NA

Client Sample ID: SS-4

Lab Sample ID: 720-60503-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	9.7		3.1		mg/Kg	4		6010B	Total/NA

Client Sample ID: SS-5

Lab Sample ID: 720-60503-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	23		3.8		mg/Kg	4		6010B	Total/NA

Client Sample ID: SS-6

Lab Sample ID: 720-60503-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	23		3.6		mg/Kg	4		6010B	Total/NA

Client Sample ID: SS-7

Lab Sample ID: 720-60503-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	10		3.4		mg/Kg	4		6010B	Total/NA

Client Sample ID: SS-8

Lab Sample ID: 720-60503-11

This Detection Summary does not include radiochemical test results.

TestAmerica Pleasanton

Detection Summary

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60503-1

Client Sample ID: SS-8 (Continued)

Lab Sample ID: 720-60503-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	12		3.2		mg/Kg	4		6010B	Total/NA

Client Sample ID: SS-9

Lab Sample ID: 720-60503-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	14		3.3		mg/Kg	4		6010B	Total/NA

Client Sample ID: SS-10

Lab Sample ID: 720-60503-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	13		3.8		mg/Kg	4		6010B	Total/NA

Client Sample ID: SS-11

Lab Sample ID: 720-60503-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	11		3.4		mg/Kg	4		6010B	Total/NA

Client Sample ID: SS-12

Lab Sample ID: 720-60503-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	9.1		3.7		mg/Kg	4		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Pleasanton

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60503-1

Client Sample ID: SSBG-1

Lab Sample ID: 720-60503-1

Date Collected: 10/10/14 10:30

Matrix: Solid

Date Received: 10/10/14 18:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	9.3		3.6		mg/Kg		10/13/14 17:47	10/14/14 12:07	4

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Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60503-1

Client Sample ID: SSBG-2

Lab Sample ID: 720-60503-2

Date Collected: 10/10/14 11:00

Matrix: Solid

Date Received: 10/10/14 18:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.7		3.2		mg/Kg		10/13/14 17:47	10/14/14 12:12	4

- 1
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Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60503-1

Client Sample ID: SSBG-3

Lab Sample ID: 720-60503-3

Date Collected: 10/10/14 11:15

Matrix: Solid

Date Received: 10/10/14 18:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	8.0		3.3		mg/Kg		10/13/14 17:47	10/14/14 12:17	4

- 1
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Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60503-1

Client Sample ID: SS-1
Date Collected: 10/10/14 11:45
Date Received: 10/10/14 18:45

Lab Sample ID: 720-60503-4
Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	8.2		3.7		mg/Kg		10/13/14 17:47	10/14/14 12:22	4

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Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60503-1

Client Sample ID: SS-2
Date Collected: 10/10/14 12:00
Date Received: 10/10/14 18:45

Lab Sample ID: 720-60503-5
Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	7.4		3.9		mg/Kg		10/13/14 17:47	10/14/14 12:26	4

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Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60503-1

Client Sample ID: SS-3
Date Collected: 10/10/14 12:15
Date Received: 10/10/14 18:45

Lab Sample ID: 720-60503-6
Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	36		3.5		mg/Kg		10/13/14 17:47	10/14/14 12:31	4

- 1
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Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60503-1

Client Sample ID: SS-4
Date Collected: 10/10/14 12:25
Date Received: 10/10/14 18:45

Lab Sample ID: 720-60503-7
Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	9.7		3.1		mg/Kg		10/13/14 17:47	10/14/14 12:36	4

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Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60503-1

Client Sample ID: SS-5
Date Collected: 10/10/14 13:10
Date Received: 10/10/14 18:45

Lab Sample ID: 720-60503-8
Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	23		3.8		mg/Kg		10/13/14 17:47	10/14/14 12:41	4

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Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60503-1

Client Sample ID: SS-6
Date Collected: 10/10/14 12:40
Date Received: 10/10/14 18:45

Lab Sample ID: 720-60503-9
Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	23		3.6		mg/Kg		10/13/14 17:47	10/14/14 12:46	4

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Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60503-1

Client Sample ID: SS-7
Date Collected: 10/10/14 13:00
Date Received: 10/10/14 18:45

Lab Sample ID: 720-60503-10
Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	10		3.4		mg/Kg		10/13/14 17:47	10/14/14 13:01	4

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60503-1

Client Sample ID: SS-8
Date Collected: 10/10/14 13:20
Date Received: 10/10/14 18:45

Lab Sample ID: 720-60503-11
Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	12		3.2		mg/Kg		10/13/14 17:47	10/14/14 13:05	4

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60503-1

Client Sample ID: SS-9
Date Collected: 10/10/14 13:25
Date Received: 10/10/14 18:45

Lab Sample ID: 720-60503-12
Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	14		3.3		mg/Kg		10/13/14 17:47	10/14/14 13:10	4

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60503-1

Client Sample ID: SS-10

Lab Sample ID: 720-60503-13

Date Collected: 10/10/14 14:20

Matrix: Solid

Date Received: 10/10/14 18:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	13		3.8		mg/Kg		10/13/14 17:47	10/14/14 13:15	4

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60503-1

Client Sample ID: SS-11
Date Collected: 10/10/14 13:55
Date Received: 10/10/14 18:45

Lab Sample ID: 720-60503-14
Matrix: Solid

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	11		3.4		mg/Kg		10/13/14 17:47	10/14/14 13:20	4

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Client Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60503-1

Client Sample ID: SS-12

Lab Sample ID: 720-60503-15

Date Collected: 10/10/14 14:00

Matrix: Solid

Date Received: 10/10/14 18:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	9.1		3.7		mg/Kg		10/13/14 17:47	10/14/14 13:25	4

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

QC Sample Results

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60503-1

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 720-168731/1-A
Matrix: Solid
Analysis Batch: 168793

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 168731

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		1.0		mg/Kg		10/13/14 17:47	10/14/14 11:04	1

Lab Sample ID: LCS 720-168731/2-A
Matrix: Solid
Analysis Batch: 168793

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 168731

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	50.0	48.1		mg/Kg		96	80 - 120

Lab Sample ID: LCSD 720-168731/3-A
Matrix: Solid
Analysis Batch: 168793

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 168731

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	50.0	49.8		mg/Kg		100	80 - 120	3	20

Lab Sample ID: LCSSRM 720-168731/25-A
Matrix: Solid
Analysis Batch: 168793

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 168731

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	45.5	42.5		mg/Kg		93	69 - 119

QC Association Summary

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60503-1

Metals

Prep Batch: 168731

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60503-1	SSBG-1	Total/NA	Solid	3050B	
720-60503-2	SSBG-2	Total/NA	Solid	3050B	
720-60503-3	SSBG-3	Total/NA	Solid	3050B	
720-60503-4	SS-1	Total/NA	Solid	3050B	
720-60503-5	SS-2	Total/NA	Solid	3050B	
720-60503-6	SS-3	Total/NA	Solid	3050B	
720-60503-7	SS-4	Total/NA	Solid	3050B	
720-60503-8	SS-5	Total/NA	Solid	3050B	
720-60503-9	SS-6	Total/NA	Solid	3050B	
720-60503-10	SS-7	Total/NA	Solid	3050B	
720-60503-11	SS-8	Total/NA	Solid	3050B	
720-60503-12	SS-9	Total/NA	Solid	3050B	
720-60503-13	SS-10	Total/NA	Solid	3050B	
720-60503-14	SS-11	Total/NA	Solid	3050B	
720-60503-15	SS-12	Total/NA	Solid	3050B	
LCS 720-168731/2-A	Lab Control Sample	Total/NA	Solid	3050B	
LCSD 720-168731/3-A	Lab Control Sample Dup	Total/NA	Solid	3050B	
LCSSRM 720-168731/25-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 720-168731/1-A	Method Blank	Total/NA	Solid	3050B	

Analysis Batch: 168793

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-60503-1	SSBG-1	Total/NA	Solid	6010B	168731
720-60503-2	SSBG-2	Total/NA	Solid	6010B	168731
720-60503-3	SSBG-3	Total/NA	Solid	6010B	168731
720-60503-4	SS-1	Total/NA	Solid	6010B	168731
720-60503-5	SS-2	Total/NA	Solid	6010B	168731
720-60503-6	SS-3	Total/NA	Solid	6010B	168731
720-60503-7	SS-4	Total/NA	Solid	6010B	168731
720-60503-8	SS-5	Total/NA	Solid	6010B	168731
720-60503-9	SS-6	Total/NA	Solid	6010B	168731
720-60503-10	SS-7	Total/NA	Solid	6010B	168731
720-60503-11	SS-8	Total/NA	Solid	6010B	168731
720-60503-12	SS-9	Total/NA	Solid	6010B	168731
720-60503-13	SS-10	Total/NA	Solid	6010B	168731
720-60503-14	SS-11	Total/NA	Solid	6010B	168731
720-60503-15	SS-12	Total/NA	Solid	6010B	168731
LCS 720-168731/2-A	Lab Control Sample	Total/NA	Solid	6010B	168731
LCSD 720-168731/3-A	Lab Control Sample Dup	Total/NA	Solid	6010B	168731
LCSSRM 720-168731/25-A	Lab Control Sample	Total/NA	Solid	6010B	168731
MB 720-168731/1-A	Method Blank	Total/NA	Solid	6010B	168731

Lab Chronicle

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60503-1

Client Sample ID: SSBG-1

Date Collected: 10/10/14 10:30

Date Received: 10/10/14 18:45

Lab Sample ID: 720-60503-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			168731	10/13/14 17:47	CTD	TAL PLS
Total/NA	Analysis	6010B		4	168793	10/14/14 12:07	EFH	TAL PLS

Client Sample ID: SSBG-2

Date Collected: 10/10/14 11:00

Date Received: 10/10/14 18:45

Lab Sample ID: 720-60503-2

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			168731	10/13/14 17:47	CTD	TAL PLS
Total/NA	Analysis	6010B		4	168793	10/14/14 12:12	EFH	TAL PLS

Client Sample ID: SSBG-3

Date Collected: 10/10/14 11:15

Date Received: 10/10/14 18:45

Lab Sample ID: 720-60503-3

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			168731	10/13/14 17:47	CTD	TAL PLS
Total/NA	Analysis	6010B		4	168793	10/14/14 12:17	EFH	TAL PLS

Client Sample ID: SS-1

Date Collected: 10/10/14 11:45

Date Received: 10/10/14 18:45

Lab Sample ID: 720-60503-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			168731	10/13/14 17:47	CTD	TAL PLS
Total/NA	Analysis	6010B		4	168793	10/14/14 12:22	EFH	TAL PLS

Client Sample ID: SS-2

Date Collected: 10/10/14 12:00

Date Received: 10/10/14 18:45

Lab Sample ID: 720-60503-5

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			168731	10/13/14 17:47	CTD	TAL PLS
Total/NA	Analysis	6010B		4	168793	10/14/14 12:26	EFH	TAL PLS

Client Sample ID: SS-3

Date Collected: 10/10/14 12:15

Date Received: 10/10/14 18:45

Lab Sample ID: 720-60503-6

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			168731	10/13/14 17:47	CTD	TAL PLS
Total/NA	Analysis	6010B		4	168793	10/14/14 12:31	EFH	TAL PLS

TestAmerica Pleasanton

Lab Chronicle

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60503-1

Client Sample ID: SS-4

Lab Sample ID: 720-60503-7

Date Collected: 10/10/14 12:25

Matrix: Solid

Date Received: 10/10/14 18:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			168731	10/13/14 17:47	CTD	TAL PLS
Total/NA	Analysis	6010B		4	168793	10/14/14 12:36	EFH	TAL PLS

Client Sample ID: SS-5

Lab Sample ID: 720-60503-8

Date Collected: 10/10/14 13:10

Matrix: Solid

Date Received: 10/10/14 18:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			168731	10/13/14 17:47	CTD	TAL PLS
Total/NA	Analysis	6010B		4	168793	10/14/14 12:41	EFH	TAL PLS

Client Sample ID: SS-6

Lab Sample ID: 720-60503-9

Date Collected: 10/10/14 12:40

Matrix: Solid

Date Received: 10/10/14 18:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			168731	10/13/14 17:47	CTD	TAL PLS
Total/NA	Analysis	6010B		4	168793	10/14/14 12:46	EFH	TAL PLS

Client Sample ID: SS-7

Lab Sample ID: 720-60503-10

Date Collected: 10/10/14 13:00

Matrix: Solid

Date Received: 10/10/14 18:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			168731	10/13/14 17:47	CTD	TAL PLS
Total/NA	Analysis	6010B		4	168793	10/14/14 13:01	EFH	TAL PLS

Client Sample ID: SS-8

Lab Sample ID: 720-60503-11

Date Collected: 10/10/14 13:20

Matrix: Solid

Date Received: 10/10/14 18:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			168731	10/13/14 17:47	CTD	TAL PLS
Total/NA	Analysis	6010B		4	168793	10/14/14 13:05	EFH	TAL PLS

Client Sample ID: SS-9

Lab Sample ID: 720-60503-12

Date Collected: 10/10/14 13:25

Matrix: Solid

Date Received: 10/10/14 18:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			168731	10/13/14 17:47	CTD	TAL PLS
Total/NA	Analysis	6010B		4	168793	10/14/14 13:10	EFH	TAL PLS

TestAmerica Pleasanton

Lab Chronicle

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60503-1

Client Sample ID: SS-10

Lab Sample ID: 720-60503-13

Date Collected: 10/10/14 14:20

Matrix: Solid

Date Received: 10/10/14 18:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			168731	10/13/14 17:47	CTD	TAL PLS
Total/NA	Analysis	6010B		4	168793	10/14/14 13:15	EFH	TAL PLS

Client Sample ID: SS-11

Lab Sample ID: 720-60503-14

Date Collected: 10/10/14 13:55

Matrix: Solid

Date Received: 10/10/14 18:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			168731	10/13/14 17:47	CTD	TAL PLS
Total/NA	Analysis	6010B		4	168793	10/14/14 13:20	EFH	TAL PLS

Client Sample ID: SS-12

Lab Sample ID: 720-60503-15

Date Collected: 10/10/14 14:00

Matrix: Solid

Date Received: 10/10/14 18:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			168731	10/13/14 17:47	CTD	TAL PLS
Total/NA	Analysis	6010B		4	168793	10/14/14 13:25	EFH	TAL PLS

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

Certification Summary

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60503-1

Laboratory: TestAmerica Pleasanton

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

Authority	Program	EPA Region	Certification ID	Expiration Date
California	State Program	9	2496	01-31-16

Analysis Method	Prep Method	Matrix	Analyte
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- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
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- 10
- 11
- 12
- 13
- 14

Method Summary

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60503-1

Method	Method Description	Protocol	Laboratory
6010B	Metals (ICP)	SW846	TAL PLS

Protocol References:

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

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919



Sample Summary

Client: URS Corporation
Project/Site: Philips San Jose

TestAmerica Job ID: 720-60503-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-60503-1	SSBG-1	Solid	10/10/14 10:30	10/10/14 18:45
720-60503-2	SSBG-2	Solid	10/10/14 11:00	10/10/14 18:45
720-60503-3	SSBG-3	Solid	10/10/14 11:15	10/10/14 18:45
720-60503-4	SS-1	Solid	10/10/14 11:45	10/10/14 18:45
720-60503-5	SS-2	Solid	10/10/14 12:00	10/10/14 18:45
720-60503-6	SS-3	Solid	10/10/14 12:15	10/10/14 18:45
720-60503-7	SS-4	Solid	10/10/14 12:25	10/10/14 18:45
720-60503-8	SS-5	Solid	10/10/14 13:10	10/10/14 18:45
720-60503-9	SS-6	Solid	10/10/14 12:40	10/10/14 18:45
720-60503-10	SS-7	Solid	10/10/14 13:00	10/10/14 18:45
720-60503-11	SS-8	Solid	10/10/14 13:20	10/10/14 18:45
720-60503-12	SS-9	Solid	10/10/14 13:25	10/10/14 18:45
720-60503-13	SS-10	Solid	10/10/14 14:20	10/10/14 18:45
720-60503-14	SS-11	Solid	10/10/14 13:55	10/10/14 18:45
720-60503-15	SS-12	Solid	10/10/14 14:00	10/10/14 18:45



TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING
780-50503

TESTAMERICA Pleasanton Chain of Custody
 1220 Quarry Lane • Pleasanton CA 94566-4756
 Phone: (925) 484-1919 • Fax: (925) 600-3002

Reference #: _____
 Date 10/10/14 Page 2 of 2

Report To

Analysis Request

Attr: Eric Skov
 Company: WES Corp
 Address: One Montgomery Ste 900
 Email: eric.skov@wes.com
 Bill To: WES
 Attn: Eric Skov
 Sampled By: Calvin
 Phone: _____
 Date: _____
 Mat: _____
 Presrv: _____

Volatile Organics GC/MS (VOCs)
 EPA 8260B
 HVOCs by EPA 8260B
 EPA 8260B: Gas BTEX
 5 Oxygenates DCA, EDB Ethanol
 TEPH EPA 8015B Silica Gel
 Diesel Motor Oil Other _____
 SemiVolatile Organics GC/MS
 EPA 8270C
 PNA/PAH's by 8270C
 8270C SIM
 Oil and Grease Petroleum
 (EPA 1664/9071) Total
 Pesticides EPA 8081
 PCBs EPA 8082
 CAM17 Metals
 (EPA 6010/7470/7471)
 Metals: 6010B 200.7
 Lead LUFT RCRA
 Other: _____
 Metals: 6020 200.8
 (CP-MS): _____
 W.E.T (STLC)
 W.E.T (DI) TCLP
 Hex. Chrom by EPA 7196
 or EPA 7199
 pH 9040
 SM4500
 Spec. Cond. Alkalinity
 TSS SS TDS
 Anions: Cl SO₄ NO₃ F
 Br NO₂ PO₄
 Perchlorate by EPA 314.0
 COD EPA 410.4 SM5220D
 Turbidity
arsenic

Sample ID	Date	Time	Mat	Presrv	Volatile Organics GC/MS (VOCs)	HVOCs by	EPA 8260B	TEPH EPA 8015B	SemiVolatile Organics GC/MS	PNA/PAH's by	Oil and Grease	Pesticides	CAM17 Metals	Metals:	Metals:	Hex. Chrom by	pH	Spec. Cond.	TSS	Anions:	Perchlorate by	COD	Turbidity	Number of Containers	
SS-8	10/10/14	1320	soil																						1
SS-9	10/10/14	1325																							
SS-10		1420																							
SS-11		1355																							
SS-12		1400																							

Project Info.
 Project Name: # Phillips
 # of Containers: 5
 Head Space: _____
 Temp: _____
 PO#: _____
 Credit Card V/N: _____
 If yes, please call with payment information ASAP

Sample Receipt

Received by:	Signature	Time	Date
1) Relinquished by:	<u>Eric Skov</u>	<u>1715</u>	<u>10/10/14</u>
2) Relinquished by:	<u>Ed Martinez</u>	<u>1845</u>	<u>10/10/14</u>
3) Relinquished by:	_____	_____	_____

Signature _____ Time _____ Date _____
 Printed Name _____
 Company _____

Signature _____ Time _____ Date _____
 Printed Name _____
 Company _____

Signature _____ Time _____ Date _____
 Printed Name _____
 Company _____

Report: Routine Level 3 Level 4 EDD EDF
 Special Instructions / Comments: Global ID _____
 See Terms and Conditions on reverse

Login Sample Receipt Checklist

Client: URS Corporation

Job Number: 720-60503-1

Login Number: 60503

List Source: TestAmerica Pleasanton

List Number: 1

Creator: Gonzales, Justinn

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
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 containers received 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.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

