

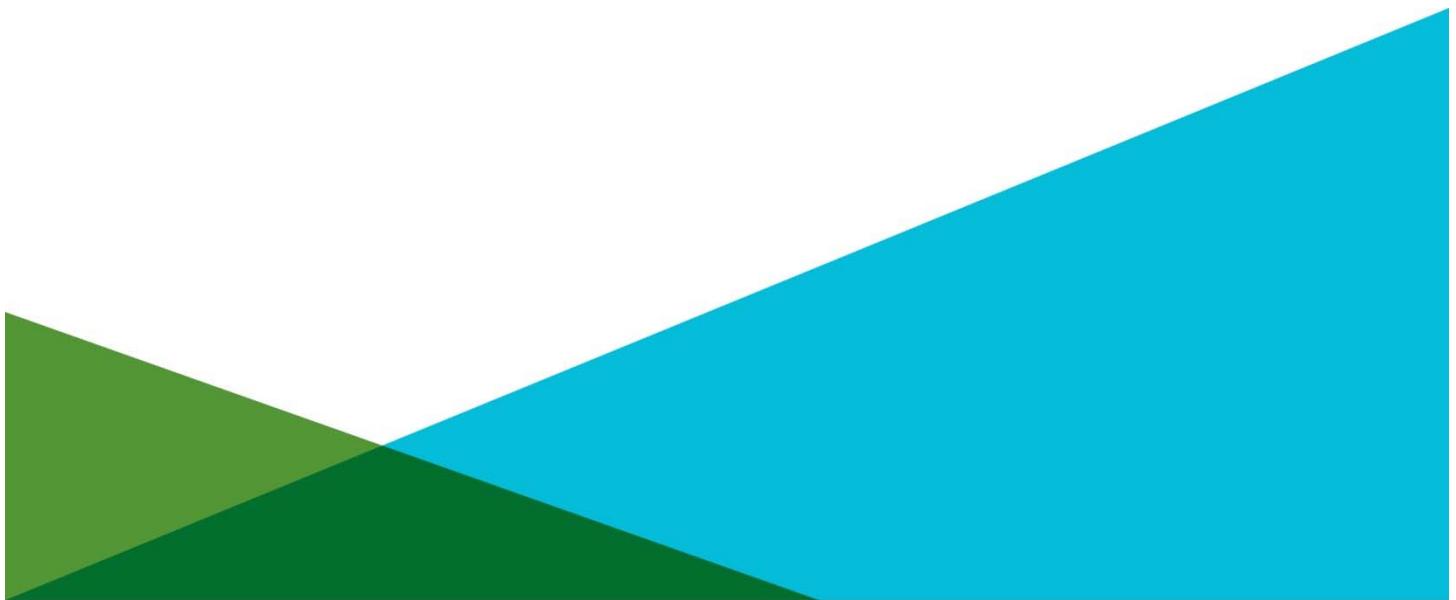
**CONFIDENTIAL INFORMATION**

**DRAFT REPORT ON  
LIMITED PHASE II INVESTIGATION  
345-347 NORTH MONTGOMERY  
STREET  
SAN JOSE, CALIFORNIA**

By Haley & Aldrich, Inc.  
Walnut Creek, California

for TC Agoge Associates, LLC  
Dallas, Texas

File No. 128730-019  
September 2017



14 September 2017  
File No. 128730-019

CONFIDENTIAL INFORMATION

TC Agoge Associates, LLC  
2100 McKinney Avenue, Suite 800  
Dallas, Texas 75201

Incorrect parcel numbers;  
this is Block 259-27....

Attention: Mr. Will Parker  
Senior Vice President

Subject: Limited Phase II Investigation  
345-347 North Montgomery Street  
San Jose, California

Ladies and Gentlemen:

The enclosed report presents the results of a Limited Phase II Investigation (Phase II) conducted at the above-referenced property, located at 345-347 North Montgomery Street, Santa Clara County Assessor Parcel Numbers (APNs) 261-27-011, 261-27-014, and 261-27-015, in San Jose, California, (herein referred to as the "subject site" or "site"; Figure 1). This work was performed by Haley & Aldrich, Inc. (Haley & Aldrich), in accordance with our proposal to TC Agoge Associates, LLC (TC Agoge), dated 28 August 2017 ("Agreement"). The goal of this Limited Phase II was to identify potential environmental concerns for the site that could affect its future redevelopment.

## Project Background

Haley & Aldrich conducted a Phase I Environmental Site Assessment (ESA) on the subject site and identified one Recognized Environmental Condition (REC) and one Historical Recognized Environmental Condition (HREC). The REC is associated with a spill of metals and organic chemicals in soil at an unknown area of the Site. The HREC is associated with a former heating oil leaking underground storage tank (LUST) and a gasoline LUST, which were closed in June 2001 with residual contamination left in soil at the site.

The site has been used for industrial purposes since 1945, including machine shops and auto repair. Previous environmental investigations at the site identified contaminants of concern in soil and groundwater above Environmental Screening Levels (ESLs) established by the San Francisco Bay Regional Water Quality Control Board (RWQCB).

## Field Investigation

On 31 August and 1 September 2017, Haley & Aldrich conducted environmental sampling activities in accessible areas of the site to characterize existing subsurface conditions. The sampling locations were

selected based on the findings of the Phase I ESA. Prior to conducting subsurface work, the boring locations were marked on the ground using white spray paint and Underground Service Alert (USA) was notified. In addition, drilling locations were scanned by a private utility firm, Coast Wide Utility Locators, to identify subsurface utilities prior to the start of work.

Haley & Aldrich subcontracted PeneCore Drilling (PeneCore) to provide direct-push technology drilling services for the collection of soil and grab groundwater samples at four locations, SB-01, SB-02, SB-03, and SB-04. SB-01, SB-02, and SB-03 were located along the northeastern perimeter of the site, which is the downgradient edge of site, and downgradient of the site's former underground clarifier sump and former gasoline underground storage tank (UST). SB-04 was located in the southwestern area of the site, downgradient of the former heating oil UST. Five shallow hand-auger borings were also advanced by Penecore to 5 feet below ground surface (bgs), SB-05, SB-06, SB-07, SB-08, and SB-09 at locations situated along the western and northern unpaved edges of the site. These areas were historically used by a drum recycling facility, and was considered to be the most likely location of a spill of metals and organic chemicals in soil noted in the Phase I ESA. SB-06 was also located next to an area formerly used for waste storage. Boring locations and referenced former site features are shown on Figure 2.

At each boring location, PeneCore cored through existing hardscapes (asphalt) as necessary. Following surface coring, a soil sample was collected from the presumed native soil beneath hardscape and fill material, at approximately 1 to 2 feet bgs. Borings were then hand augured to a depth of 5 feet bgs in accordance with Haley & Aldrich's Health and Safety Plan. A direct push drill bit was advanced to the approximate target depth of 20 to 30 feet bgs at each boring. Continuous soil cores were collected in 5-foot intervals. The soil cores were screened for volatile organic compounds (VOCs) using a photo-ionization detector (PID) approximately every 5 feet, and basic geologic properties and observations were continuously logged (Appendix A). VOC soil samples were collected using Terracore sampling devices, and the remainder of sample analytes were collected using an unpreserved glass jar. Sample locations were selected based on visual observations of the soil and at the top of groundwater. Following sampling at each location, the borings were backfilled with grout and completed with a concrete patch to match surrounding conditions.

#### **SOIL BORINGS**

Boring SB-01 was located in an open parking area in the northeast corner of the site, downgradient from a former gasoline UST. The boring was drilled to 20 feet bgs. No signs of impact were observed, and PID readings were consistently 0.0 parts per million (ppm). Soils encountered in this boring consisted of clay, with several layers of silt and sand. Groundwater was encountered at 17 feet bgs. Soil samples were collected at 1.5 feet bgs and 17 feet bgs, and a grab groundwater sample was collected.

Boring SB-02 was located in a landscaping planter on the eastern border of the site, at the northeast corner of the 345 North Montgomery Street building. The boring was drilled to 20 feet bgs. No signs of impact were observed, and PID readings were consistently 0.0 ppm. Crushed chunks of brick were observed at 0.5 foot bgs. Soils encountered in this boring consisted of clay, with several layers of silt and sand. Groundwater was encountered at 15 feet bgs. Soil samples were collected at 1.5 feet bgs and 15.5 feet bgs, and a grab groundwater sample was collected.

Boring SB-03 was located in a landscaping planter on the southwest corner of the site, in front of the east entrance to the 341 North Montgomery Street building. The boring was drilled to 20 feet bgs. No signs of impact were observed, and PID readings were consistently 0.0 ppm. Soils encountered in this boring consisted of clay, with several layers of silt and sand. Groundwater was encountered at 16 feet bgs. Soil samples were collected at 2 feet bgs and 16 feet bgs, and a grab groundwater sample was collected.

Boring SB-04 was located in an unpaved vehicle storage and washing area in the southwest corner of the site, downgradient from a former heating oil UST. The boring was drilled to 30 feet bgs. No signs of impact were observed, and PID readings were consistently 0.0 ppm. Small chunks of brick and a piece of copper tubing was observed at 0.7 foot bgs. Soils encountered in this boring consisted of clay, with several layers of silt and sand. Groundwater was encountered at 21 feet bgs. Soil samples were collected at 3 feet bgs and 21 feet bgs. There was insufficient water to collect a grab groundwater sample.

Borings SB-05, SB-06, and SB-07 were located along the unpaved western area of the site. These three borings were hand augered to 5 feet bgs. No signs of impact were observed, and PID readings were consistently 0.0 ppm. Small chunks of brick were observed in SB-06 at 4 feet bgs. Small metallic debris (wire, nails) was observed in SB-07 at 1.5 feet bgs. Soil samples were collected from each boring location from the first native soil encountered below the fill material, 1 to 3 feet bgs, and from the bottom of each boring at 5 feet bgs.

Borings SB-08 and SB-09 were located in the northern area of the site where ice cream hand carts are currently maintained. SB-08 surface was unpaved, and SB-09 surface was asphalt. The borings were hand augered to 5 feet bgs. No signs of impact were observed, and PID readings were consistently 0.0 ppm. Small chunks of brick, pink chunks of soil, and pieces of rusted metal were observed in SB-08 at 1.5 feet bgs. Soil samples were collected from each location below fill material, 1.5 to 2.5 feet bgs, and from the bottom of each boring at 5 feet bgs.

Investigation-derived waste (IDW) generated through the drilling activities included one 55-gallon drum of soil cuttings. This drum is labeled and stored on the site in a secure location. Haley & Aldrich collected a waste characterization sample of this IDW and is currently coordinating its waste profiling and off-site transportation and disposal.

## Laboratory Analysis

The collected soil and groundwater samples were submitted under chain of custody documentation to TestAmerica Laboratories (TestAmerica), a California-certified analytical laboratory located in Pleasanton, California. The 22 soil samples collected were analyzed for the following:

- total petroleum hydrocarbons as diesel-range organics (TPH-DRO) and as motor oil (TPH-MO) using United States Environmental Protection Agency (USEPA) Method 8015B;
- total petroleum hydrocarbons as gasoline range organics (TPH-GRO) and VOCs using USEPA Method 8260B; and

- California Title 22 metals using USEPA Method 6010B/7471A.

The 14 near-surface (less than 5 feet bgs) soil samples were additionally analyzed for the following:

- Semi-volatile organic compounds (SVOCs) full list, including polycyclic aromatic hydrocarbons (PAHs);
- Polychlorinated biphenyls (PCBs) using USEPA Method 8082;

The three groundwater grab samples were analyzed for the following:

- TPH-DRO and TPH-MO using USEPA Method 8015B;
- TPH-GRO and VOCs using USEPA Method 8260B;
- California Title 22 metals (dissolved) using USEPA Method 6010B/7470A; and
- SVOCs using USEPA Method 8270C.

## Analytical Results

The TestAmerica analytical laboratory reports are included in Appendix B. These analytical results were evaluated using the RWQCB Tier 1 ESLs, dated February 2016 (Revision 3). The ESLs provide a tiered approach to evaluating environmental risk. Under Tier 1, sample data are directly compared to ESLs for a more conservative conceptual site model (e.g., residential land use and potable groundwater). The ESLs are considered to be protective for typical San Francisco Bay Area sites. Under most circumstances, and within the limitations described, the presence of a chemical in soil, or groundwater at concentrations below the corresponding Tier 1 ESL can be assumed to not pose a significant threat to human health, water resources, or the environment.

### SOIL SAMPLES

Analytical results for the 22 soil samples collected during the Limited Phase II are presented in Table 1. Listed below are the analytes detected at concentrations exceeding Tier 1 ESLs and the range of detected concentrations:

- Cobalt 3.6 to 27 milligrams per kilogram (mg/kg)
- Lead 4.8 to 480 mg/kg
- Thallium 5.7 to 22 mg/kg
- Benzo(a)anthracene 38 to 190 micrograms per kilogram ( $\mu\text{g}/\text{kg}$ )
- Benzo(a)pyrene 32 to 310  $\mu\text{g}/\text{kg}$
- Benzo(b)fluoranthene 25 to 330  $\mu\text{g}/\text{kg}$
- Dibenz(a,h)anthracene 25 to 72  $\mu\text{g}/\text{kg}$
- Indeno(1,2,3-cd)pyrene 30 to 280  $\mu\text{g}/\text{kg}$
- Naphthalene 19 to 37  $\mu\text{g}/\text{kg}$

The following analytes were detected, but at concentrations below Tier 1 ESLs:

- Metals: antimony, arsenic, barium, beryllium, cadmium, chromium, copper, mercury, molybdenum, selenium, vanadium, and zinc
- VOCs: 1,1,1-trichloroethane, methylene chloride, tetrachloroethene, and xylenes
- SVOCs and PAHs: acenaphthylene, anthracene, benzo[g,h,i]perylene, benzo[k]fluoranthene, benzoic acid, bis(2-ethylhexyl) phthalate, butyl benzyl phthalate, chrysene, fluoranthene, fluorene, phenanthrene, and pyrene
- TPH-DRO and TPH-MO
- PCB-1254

Detected concentrations of chromium, copper, and lead also exceed the industry rules-of-thumb for potential California hazardous waste (soluble threshold limit concentration, STLC) and Federal Resource Conservation and Recovery Act (RCRA) hazardous waste (toxicity characteristic leaching procedure, TCLP). Additional analysis was performed, and the results are presented in Table 1. Listed below are the detected concentration ranges:

- Copper STLC 7.5 milligrams per liter (mg/L) (hazardous waste threshold is 25 mg/L)
- Chromium STLC 0.42 to 1.0 mg/L (hazardous waste threshold is 5 mg/L)
- Lead STLC 0.15 to 15 mg/L (hazardous waste threshold is 5 mg/L)
- Lead TCLP 0.085 to 0.16 mg/L (hazardous waste threshold is 5 mg/L)

The following analyte group was sampled, but not detected:

- TPH-GRO

#### GROUNDWATER SAMPLES

Analytical results for the three grab groundwater samples collected during the Limited Phase II are presented in Table 2. Listed below are the analytes detected at concentrations exceeding Tier 1 ESLs and the range of detected concentrations:

- 1,1-Dichloroethane (DCA) 0.78 to 9.5 µg/L
- Lead 0.011 to 0.012 mg/L
- Selenium 0.079 to 0.14 mg/L

The following analytes were detected, but at concentrations below Tier 1 ESLs:

- Metals: barium, beryllium, cobalt, selenium, and zinc
- VOCs: 1,1,1-trichloroethane, methyl tert-butyl ether
- TPH-DRO and TPH-MO

The following analyte groups were sampled, but not detected:

- TPH-GRO
- SVOCs and PAHs

## Discussion of Results

### SOIL

Several metals and PAHs were detected at concentrations exceeding Tier 1 ESLs. Given these Tier 1 exceedances, a Tier 2 evaluation was conducted to determine whether the detected concentration would also represent a potential concern for commercial/industrial land use. The Tier 2 evaluation did not include leaching to groundwater as the shallow groundwater unit encountered below the site is not a current or likely future drinking water resource.

- Cobalt: The Tier 1 ESL (23 mg/kg) for cobalt is based on direct exposure to residential shallow soil. One soil sample collected from SB-06 contained cobalt at 27 mg/kg, while no other samples collected contained cobalt concentrations exceeding the Tier 1 ESL. The detected concentration in this sample did not exceed the ESL established by the RWQCB for direct exposure to commercial/industrial shallow soil (350 mg/kg).
- Lead: The Tier 1 ESL (80 mg/kg) for lead is based on direct exposure to residential shallow soil. Soil samples collected from each boring location, except SB-01, SB-03 and SB-04, contained lead concentrations exceeding the Tier 1 ESL. Detected concentrations in SB-06 and SB-09 also exceeded the ESL established by the RWQCB for direct exposure to commercial/industrial shallow soil (320 mg/kg).
- Thallium: The Tier 1 ESL (0.78 mg/kg) for thallium is based on direct exposure to residential shallow soil. Soil samples from each boring location, contained thallium concentrations equal to or exceeding the Tier 1 ESL. Soil samples from each boring location, except for SB-03, contained thallium concentrations equal to or exceeding the ESL established by the RWQCB for direct exposure to commercial/industrial shallow soil (12 mg/kg). The detected concentrations of thallium, however, appear to be within the range of California background soil concentrations.<sup>1</sup>
- Benzo(a)anthracene: The Tier 1 ESL (160 µg/kg) for benzo(a)anthracene is based on direct exposure to residential shallow soil. Soil samples from SB-06 and SB-08 contained benzo(a)anthracene concentrations exceeding the Tier 1 ESL. Detected concentrations did not exceed the ESL established by the RWQCB for direct exposure to commercial/industrial shallow soil (2,900 µg/kg).
- Benzo(a)pyrene: The Tier 1 ESL (16 µg/kg) for benzo(a)pyrene is based on direct exposure to residential shallow soil. Soil samples collected from each boring location, except SB-01 and SB-03 contained benzo(a)pyrene concentrations exceeding the Tier 1 ESL. The detected

<sup>1</sup> The mean California background concentration of thallium was 15.7 mg/kg, with a standard deviation of 7.6 mg/kg as noted in the *Background Concentrations of Trace and Major Elements in California Soils* (Kearney Foundation of Soil Science, Bradford, et al.).

concentration in SB-06 at 5 feet bgs also exceeded the ESL established by the RWQCB for direct exposure to commercial/industrial shallow soil (290 µg/kg).

- Benzo(b)fluoranthene: The Tier 1 ESL (160 µg/kg) for benzo(b)fluoranthene is based on direct exposure to residential shallow soil. Soil samples from SB-06 and SB-08 contained benzo(b)fluoranthene concentrations exceeding the Tier 1 ESL. Detected concentrations did not exceed the ESL established by the RWQCB for direct exposure to commercial/industrial shallow soil (2,900 µg/kg).
- Dibenz(a,h)anthracene: The Tier 1 ESL (16 µg/kg) for dibenz(a,h)anthracene is based on direct exposure to residential shallow soil. Soil samples from SB-04, SB-05, SB-08 and SB-09 contained dibenz(a,h)anthracene concentrations exceeding the Tier 1 ESL. Detected concentrations did not exceed the ESL established by the RWQCB for direct exposure to commercial/industrial shallow soil (290 µg/kg).
- Indeno(1,2,3-cd)pyrene: The Tier 1 ESL (160 µg/kg) for indeno(1,2,3-cd)pyrene is based on direct exposure to residential shallow soil. Soil samples from SB-06 and SB-08 contained indeno(1,2,3-cd)pyrene concentrations exceeding the Tier 1 ESL. Detected concentrations did not exceed the ESL established by the RWQCB for direct exposure to commercial/industrial shallow soil (2,900 µg/kg).
- Naphthalene: The Tier 1 ESL (33 µg/kg) for naphthalene is based on potential leaching to groundwater, where groundwater is a drinking water source. Groundwater at the site is not a drinking water source. One soil sample collected from SB-08 contained naphthalene at 37 µg/kg, while no other samples collected contained cobalt concentrations exceeding the Tier 1 ESL. Detected concentrations did not exceed the ESL established by the RWQCB for direct exposure to residential shallow soil (3,300 µg/kg).

Concentrations of lead, thallium, and benzo(a)pyrene exceeded ESLs for both residential and commercial/industrial shallow soils, while the other analytes listed above only exceeded residential ESLs. Therefore, depending on the site's redevelopment plans, mitigation measures will be warranted to address these areas of impacted soil.

Detected chromium, copper, and lead concentrations also exceeded the industry rule-of-thumb for assessing whether this soil would be characterized as California hazardous waste or RCRA hazardous waste should it be excavated as part of the redevelopment plans. Additional analysis for STLC and TCLP was performed. Concentrations of lead for STLC were above hazardous criteria at SB-06, SB-07 and SB-09, classifying these soils as California hazardous waste if they are managed during redevelopment.

## GROUNDWATER

The majority of the groundwater results were non-detect for the analyzed chemicals. The concentrations of three analytes, 1,1-DCA, lead, and selenium exceeded their respective Tier 1 ESLs.

- 1,1-DCA: This compound was detected only in the groundwater sample collected from SB-02 at a concentration of 9.5 µg/L, which exceeds its Tier 1 ESL of 5.0 µg/L. The Tier 1 ESL for 1,1-DCA is

based on groundwater being used as a drinking water source, which is not a relevant exposure concern for the site. The detected concentration of 1,1-DCA is less than the next highest relevant ESL established by the RWQCB of 25 µg/L for assessing vapor intrusion risk from deep groundwater (i.e., greater than 10 feet bgs).

- Lead: This metal was detected in the groundwater samples collected SB-01 and SB-03 at concentrations exceeding the Tier 1 ESL of 0.0025 mg/L. The Tier 1 ESL for lead is based on fresh water ecotoxicity, which is not applicable to on-site receptors or activities. The detected lead concentrations are below the gross contamination level ESLs established by the RWQCB, 50 mg/L.<sup>2</sup>
- Selenium: This metal was detected in the groundwater samples collected SB-01 and SB-03 at concentrations exceeding the Tier 1 ESL of 0.005 mg/L. The Tier 1 ESL for lead is based on fresh water ecotoxicity, which is not applicable to on-site receptors or activities. The detected lead concentrations are below the gross contamination level ESLs established by the RWQCB, 50 mg/L.<sup>3</sup>

The groundwater underlying the site does not appear to present an environmental concern to future redevelopment.

## Conclusions and Recommendations

The results of the Limited Phase II conducted for the site identified shallow soil with environmental concerns should either residential or commercial/industrial redevelopment be considered. The potential generation of California hazardous waste was also noted. No environmental concerns, including potential vapor intrusion, were identified for the underlying shallow groundwater as this groundwater is not considered a current or potential future source of drinking water.

Given the shallow soil impacts identified to be present at the site, Haley & Aldrich recommends the preparation of a Soil Management Plan to be followed should the site undergo redevelopment. This Soil Management Plan would specify the areas of concern identified from the site investigation findings and include testing, special handling, and management procedures for the impacted soil conditions. Haley & Aldrich notes that should TC Agoge seek a regulatory “no further action” determination and closure of the open, inactive, RWQCB case at the site, regulatory agencies should be contacted to determine the requirements for closure prior to performing additional sampling or redevelopment of the site.

<sup>2</sup> The detected lead concentration was not compared against the California Maximum Contaminant Level of 0.015 mg/L as this shallow groundwater unit is not likely considered a drinking water resource.

<sup>3</sup> The detected lead concentration was not compared against the California Maximum Contaminant Level of 0.015 mg/L as this shallow groundwater unit is not likely considered a drinking water resource.

We appreciate the opportunity to perform these services for you on this project. Please do not hesitate to call if you have any questions or comments.

Sincerely yours,  
HALEY & ALDRICH, INC.

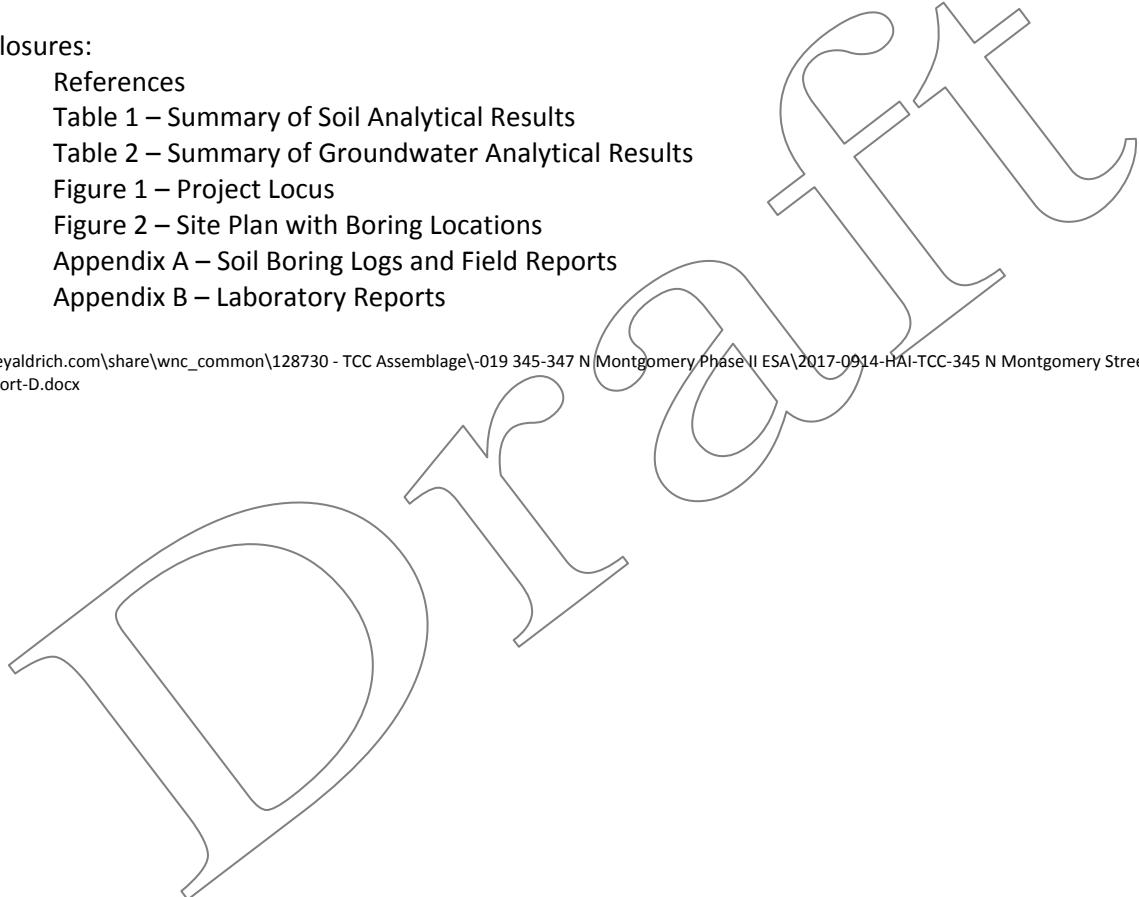
Edison Ticken, P.E.  
Assistant Project Manager

Voytek Bajsarowicz  
Senior Associate

Enclosures:

- References
- Table 1 – Summary of Soil Analytical Results
- Table 2 – Summary of Groundwater Analytical Results
- Figure 1 – Project Locus
- Figure 2 – Site Plan with Boring Locations
- Appendix A – Soil Boring Logs and Field Reports
- Appendix B – Laboratory Reports

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## REFERENCES

Bradford, G.R., A.C. Chang, A.L. Page, D. Bakhtar, J.A. Frampton, and H. Wright. 1996. Background Concentrations of Trace and Major Elements in California Soils. Kearney Foundation of Soil Science, Division of Agriculture and Natural Resources, University of California Special Report, U.C. Riverside and Cal/EPA, DTSC.

San Francisco Bay Regional Water Quality Control Board (SFBRWQCB), 2013. User's Guide: Derivation and Application of Environmental Screening Levels, Interim Final. Oakland, CA.

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## **TABLES**

**TABLE 1**  
 SUMMARY OF SOIL ANALYTICAL RESULTS  
 345-347 NORTH MONTGOMERY STREET  
 SAN JOSE, CALIFORNIA

Location Sample Date Sample Depth (ft bgs)	Tier 1 Soil ESLs <sup>1</sup>	SB-01 08/31/2017 1.5	SB-01 08/31/2017 17.0	SB-02 09/01/2017 1.5	SB-02 09/01/2017 15.5	SB-03 09/01/2017 2.0	SB-03 09/01/2017 16.0	SB-04 08/31/2017 3.0	SB-04 08/31/2017 21.0	SB-05 08/31/2017 3.0	SB-05 08/31/2017 5.0	SB-06 08/31/2017 1.0	SB-06 08/31/2017 5.0	SB-07 08/31/2017 1.0	SB-07 08/31/2017 5.0
<b>Metal Compounds (mg/kg)</b>															
Antimony	31	< 1.5	< 1.3	< 1.7	< 1.7	< 4.2	< 1	< 1.8	< 1.4	< 1.7	< 1.6	< 1.6	2	< 1.3	< 1.3
Arsenic	11 <sup>2</sup>	< 3	3.1	5.5	< 3.3	< 3.4	2.2	< 3.6	5.3	< 3.5	4.5	4.5	7.4	3.1	8.1
Barium	3000	250	94	330	120	240	100	270	140	240	160	560	330	320	870
Beryllium	42	0.73	0.39	0.71	0.52	< 0.34	0.48	0.55	0.55	0.41	0.61	0.72	0.33	0.29	0.65
Cadmium	39	< 0.38	< 0.32	0.53	< 0.41	< 0.42	< 0.26	< 0.45	< 0.35	0.5	< 0.39	< 0.39	6	0.81	< 0.32
Chromium	120000	57	64	59	62	26	51	54	57	50	88	62	330	100	60
Cobalt	23	7.4	8.1	10	8.9	3.6	8.7	8.2	10	6.6	8.4	12	27	15	18
Copper	3100	26	24	47	29	16	27	110	31	46	27	28	410	110	29
Lead	80	11	4.8	120	6.2	12	5.6	72	6.3	230	7.7	8.6	330	220	5.5
Mercury	13	0.089	0.023	0.43	0.052	0.041	0.03	0.12	0.045	0.2	0.032	0.051	0.28	0.17	0.037
Molybdenum	390	< 1.5	< 1.3	< 1.7	< 1.7	< 1	< 1.8	< 1.4	< 1.7	< 1.6	4	6.7	1.4	4.7	
Nickel	86	50	62	78	70	22	66	55	69	52	84	87	410	150	61
Selenium	390	< 3	< 2.6	< 3.4	< 3.3	< 8.5	< 2.1	< 3.6	3.9	< 3.5	< 3.1	< 7.8	4.5	< 2.5	< 6.3
Silver	390	< 0.76	< 0.65	< 0.85	< 0.83	< 0.85	< 0.52	< 0.89	< 0.69	< 0.87	< 0.78	< 0.78	< 0.68	< 0.63	< 0.63
Thallium	0.78	10	13	12	12	5.7	10	12	12	9.7	13	< 3.9	14	22	< 3.2
Vanadium	390	40	50	44	48	21	41	46	48	35	52	47	52	86	60
Zinc	23000	49	46	120	53	41	52	230	53	200	56	53	880	210	48
<b>Polychlorinated Biphenyls (PCBs) (µg/kg)</b>															
Aroclor-1016 (PCB-1016)	250 <sup>3</sup>	< 49	-	< 49	-	< 49	-	< 49	-	< 49	< 50	< 49	< 49	< 49	< 50
Aroclor-1221 (PCB-1221)	250 <sup>3</sup>	< 49	-	< 49	-	< 49	-	< 49	-	< 49	< 50	< 49	< 49	< 49	< 50
Aroclor-1232 (PCB-1232)	250 <sup>3</sup>	< 49	-	< 49	-	< 49	-	< 49	-	< 49	< 50	< 49	< 49	< 49	< 50
Aroclor-1242 (PCB-1242)	250 <sup>3</sup>	< 49	-	< 49	-	< 49	-	< 49	-	< 49	< 50	< 49	< 49	< 49	< 50
Aroclor-1248 (PCB-1248)	250 <sup>3</sup>	< 49	-	< 49	-	< 49	-	< 49	-	< 49	< 50	< 49	< 49	< 49	< 50
Aroclor-1254 (PCB-1254)	250 <sup>3</sup>	< 49	-	< 49	-	< 49	-	< 49	-	< 49	< 50	< 49	230	< 49	< 50
Aroclor-1260 (PCB-1260)	250 <sup>3</sup>	< 49	-	< 49	-	< 49	-	< 49	-	< 49	< 50	< 49	< 49	< 49	< 50
<b>Semi-Volatile Organic Compounds (mg/kg)</b>															
1,2,4-Trichlorobenzene	1.5	< 0.067	-	< 0.13	-	< 0.067	-	< 0.067	-	< 0.13	< 0.067	< 0.067	< 0.67	< 0.33	< 0.067
1,2-Dichlorobenzene	1.6	< 0.067	-	< 0.13	-	< 0.067	-	< 0.067	-	< 0.13	< 0.067	< 0.067	< 0.67	< 0.33	< 0.067
1,3-Dichlorobenzene	7.4	< 0.067	-	< 0.13	-	< 0.067	-	< 0.067	-	< 0.13	< 0.067	< 0.067	< 0.67	< 0.33	< 0.067
1,4-Dichlorobenzene	0.59	< 0.067	-	< 0.13	-	< 0.067	-	< 0.067	-	< 0.13	< 0.067	< 0.067	< 0.67	< 0.33	< 0.067
2,4,5-Trichlorophenol	0.18	< 0.067	-	< 0.13	-	< 0.067	-	< 0.067	-	< 0.13	< 0.067	< 0.067	< 0.67	< 0.33	< 0.067
2,4,6-Trichlorophenol	0.21	< 0.17	-	< 0.34	-	< 0.17	-	< 0.17	-	< 0.34	< 0.17	< 0.17	< 1.7	< 0.85	< 0.17
2,4-Dichlorophenol	0.3	< 0.33	-	< 0.66	-	< 0.33	-	< 0.33	-	< 0.66	< 0.33	< 0.33	< 3.3	< 1.6	< 0.33
2,4-Dimethylphenol	0.67	< 0.067	-	< 0.13	-	< 0.067	-	< 0.067	-	< 0.13	< 0.067	< 0.067	< 0.67	< 0.33	< 0.067
2,4-Dinitrophenol	0.11	< 0.66	-	< 1.3	-	< 0.66	-	< 0.66	-	< 1.3	< 0.66	< 0.66	< 6.6	< 3.3	< 0.66
2,4-Dinitrotoluene	0.0018	< 0.067	-	< 0.13	-	< 0.067	-	< 0.067	-	< 0.13	< 0.067	< 0.067	< 0.67	< 0.33	< 0.067
2,6-Dinitrotoluene	-	< 0.067	-	< 0.13	-	< 0.067	-	< 0.067	-	< 0.13	< 0.067	< 0.067	< 0.67	< 0.33	< 0.067
2-Chloronaphthalene	-	< 0.067	-	< 0.13	-	< 0.067	-	< 0.067	-	< 0.13	< 0.067	< 0.067	< 0.67	< 0.33	< 0.067
2-Chlorophenol	0.012	< 0.067	-	< 0.13	-	< 0.067	-	< 0.067	-	< 0.13	< 0.067	< 0.067	< 0.67	< 0.33	< 0.067
2-Methyl-4,6-dinitrophenol	-	< 0.33	-	< 0.66	-	< 0.33	-	< 0.33	-	< 0.66	< 0.33	< 0.33	< 3.3	< 1.6	< 0.33
2-Methylnaphthalene	0.25	< 0.067	-	< 0.13	-	< 0.067	-	< 0.067	-	< 0.13	< 0.067	< 0.067	< 0.67	< 0.33	< 0.067
2-Methylphenol (o-Cresol)	-	< 0.067	-	< 0.13	-	< 0.067									

**TABLE 1**  
 SUMMARY OF SOIL ANALYTICAL RESULTS  
 345-347 NORTH MONTGOMERY STREET  
 SAN JOSE, CALIFORNIA

Location Sample Date Sample Depth (ft bgs)	Tier 1 Soil ESLs <sup>1</sup>	SB-01 08/31/2017 1.5	SB-01 08/31/2017 17.0	SB-02 09/01/2017 1.5	SB-02 09/01/2017 15.5	SB-03 09/01/2017 2.0	SB-03 09/01/2017 16.0	SB-04 08/31/2017 3.0	SB-04 08/31/2017 21.0	SB-05 08/31/2017 3.0	SB-05 08/31/2017 5.0	SB-06 08/31/2017 1.0	SB-06 08/31/2017 5.0	SB-07 08/31/2017 1.0	SB-07 08/31/2017 5.0
4-Nitroaniline	-	< 0.33	-	< 0.66	-	< 0.33	-	< 0.33	-	< 0.66	< 0.33	< 0.33	< 3.3	< 1.6	< 0.33
4-Nitrophenol	-	< 0.33	-	< 0.66	-	< 0.33	-	< 0.33	-	< 0.66	< 0.33	< 0.33	< 3.3	< 1.6	< 0.33
Acenaphthene	16	< 0.067	-	< 0.13	-	< 0.067	-	< 0.067	-	< 0.13	< 0.067	< 0.067	< 0.67	< 0.33	< 0.067
Acenaphthylene	13	< 0.067	-	< 0.13	-	< 0.067	-	< 0.067	-	< 0.13	< 0.067	< 0.067	< 0.67	< 0.33	< 0.067
Anthracene	2.8	< 0.067	-	< 0.13	-	< 0.067	-	< 0.067	-	< 0.13	< 0.067	< 0.067	< 0.67	< 0.33	< 0.067
Azobenzene	-	< 0.067	-	< 0.13	-	< 0.067	-	< 0.067	-	< 0.13	< 0.067	< 0.067	< 0.67	< 0.33	< 0.067
Benzo(a)anthracene	0.16	< 0.33	-	< 0.66	-	< 0.33	-	< 0.33	-	< 0.66	< 0.33	< 0.33	< 3.3	< 1.6	< 0.33
Benzo(a)pyrene	0.016	< 0.067	-	< 0.13	-	< 0.067	-	< 0.067	-	< 0.13	< 0.067	< 0.067	< 0.67	< 0.33	< 0.067
Benzo(b)fluoranthene	0.16	< 0.067	-	< 0.13	-	< 0.067	-	< 0.067	-	< 0.13	< 0.067	< 0.067	< 0.67	< 0.33	< 0.067
Benzo(g,h,i)perylene	2.5	< 0.067	-	< 0.13	-	< 0.067	-	< 0.067	-	< 0.13	< 0.067	< 0.067	< 0.67	< 0.33	< 0.067
Benzo(k)fluoranthene	1.6	< 0.067	-	< 0.13	-	< 0.067	-	< 0.067	-	< 0.13	< 0.067	< 0.067	< 0.67	< 0.33	< 0.067
Benzoic acid	-	< 0.33	-	< 0.66	-	< 0.33	-	< 0.33	-	< 0.66	< 0.33	< 0.33	< 3.3	< 1.6	< 0.33
Benzyl Alcohol	-	< 0.17	-	< 0.34	-	< 0.17	-	< 0.17	-	< 0.34	< 0.17	< 0.17	< 1.7	< 0.85	< 0.17
bis(2-Chloroethoxy)methane	-	< 0.17	-	< 0.34	-	< 0.17	-	< 0.17	-	< 0.34	< 0.17	< 0.17	< 1.7	< 0.85	< 0.17
bis(2-Chloroethyl)ether	0.00008	< 0.067	-	< 0.13	-	< 0.067	-	< 0.067	-	< 0.13	< 0.067	< 0.067	< 0.67	< 0.33	< 0.067
bis(2-Ethylhexyl)phthalate	39	< 0.33	-	< 0.66	-	< 0.33	-	< 0.33	-	< 0.66	< 0.33	< 0.33	< 3.3	< 1.6	< 0.33
Butyl benzylphthalate	-	< 0.17	-	< 0.34	-	< 0.17	-	< 0.17	-	< 0.34	< 0.17	< 0.17	< 1.7	< 0.85	< 0.17
Chrysene	3.8	< 0.067	-	< 0.13	-	< 0.067	-	< 0.067	-	< 0.13	< 0.067	< 0.067	< 0.67	< 0.33	< 0.067
Dibenz(a,h)anthracene	0.016	< 0.067	-	< 0.13	-	< 0.067	-	< 0.067	-	< 0.13	< 0.067	< 0.067	< 0.67	< 0.33	< 0.067
Dibenzofuran	-	< 0.067	-	< 0.13	-	< 0.067	-	< 0.067	-	< 0.13	< 0.067	< 0.067	< 0.67	< 0.33	< 0.067
Diethyl phthalate	0.035	< 0.17	-	< 0.34	-	< 0.17	-	< 0.17	-	< 0.34	< 0.17	< 0.17	< 1.7	< 0.85	< 0.17
Dimethyl phthalate	0.035	< 0.17	-	< 0.34	-	< 0.17	-	< 0.17	-	< 0.34	< 0.17	< 0.17	< 1.7	< 0.85	< 0.17
Di-n-butylphthalate	-	< 0.17	-	< 0.34	-	< 0.17	-	< 0.17	-	< 0.34	< 0.17	< 0.17	< 1.7	< 0.85	< 0.17
Di-n-octyl phthalate	-	< 0.17	-	< 0.34	-	< 0.17	-	< 0.17	-	< 0.34	< 0.17	< 0.17	< 1.7	< 0.85	< 0.17
Fluoranthene	60	< 0.067	-	< 0.13	-	< 0.067	-	< 0.067	-	< 0.13	< 0.067	< 0.067	< 0.67	< 0.33	< 0.067
Fluorene	8.9	< 0.067	-	< 0.13	-	< 0.067	-	< 0.067	-	< 0.13	< 0.067	< 0.067	< 0.67	< 0.33	< 0.067
Hexachlorobenzene	0.34	< 0.067	-	< 0.13	-	< 0.067	-	< 0.067	-	< 0.13	< 0.067	< 0.067	< 0.67	< 0.33	< 0.067
Hexachlorobutadiene	0.68	< 0.067	-	< 0.13	-	< 0.067	-	< 0.067	-	< 0.13	< 0.067	< 0.067	< 0.67	< 0.33	< 0.067
Hexachlorocyclopentadiene	-	< 0.17	-	< 0.34	-	< 0.17	-	< 0.17	-	< 0.34	< 0.17	< 0.17	< 1.7	< 0.85	< 0.17
Hexachloroethane	1.1	< 0.067	-	< 0.13	-	< 0.067	-	< 0.067	-	< 0.13	< 0.067	< 0.067	< 0.67	< 0.33	< 0.067
Indeno(1,2,3-cd)pyrene	0.16	< 0.067	-	< 0.13	-	< 0.067	-	< 0.067	-	< 0.13	< 0.067	< 0.067	< 0.67	< 0.33	< 0.067
Isophorone	-	< 0.067	-	< 0.13	-	< 0.067	-	< 0.067	-	< 0.13	< 0.067	< 0.067	< 0.67	< 0.33	< 0.067
Naphthalene	0.033	< 0.067	-	< 0.13	-	< 0.067	-	< 0.067	-	< 0.13	< 0.067	< 0.067	< 0.67	< 0.33	< 0.067
Nitrobenzene	-	< 0.067	-	< 0.13	-	< 0.067	-	< 0.067	-	< 0.13	< 0.067	< 0.067	< 0.67	< 0.33	< 0.067
N-Nitrosodi-n-propylamine	-	< 0.067	-	< 0.13	-	< 0.067	-	< 0.067	-	< 0.13	< 0.067	< 0.067	< 0.67	< 0.33	< 0.067
N-Nitrosodiphenylamine	-	< 0.067	-	< 0.13	-	< 0.067	-	< 0.067	-	< 0.13	< 0.067	< 0.067	< 0.67	< 0.33	< 0.067
Pentachlorophenol	1	< 0.33	-	< 0.66	-	< 0.33	-	< 0.33	-	< 0.66	< 0.33	< 0.33	< 3.3	< 1.6	< 0.33
Phenanthrene	11	< 0.067	-	< 0.13	-	< 0.067	-	< 0.067	-	< 0.13	< 0.067	< 0.067	< 0.67	< 0.33	< 0.067
Phenol	0.076	< 0.067	-	< 0.13	-	< 0.067	-	< 0.067	-	< 0.13	< 0.067	< 0.067	< 0.67	< 0.33	< 0.067
Pyrene	85	< 0.067	-	< 0.13	-	< 0.067	-	< 0.067	-	< 0.13	< 0.067	< 0.067			

**TABLE 1**  
 SUMMARY OF SOIL ANALYTICAL RESULTS  
 345-347 NORTH MONTGOMERY STREET  
 SAN JOSE, CALIFORNIA

Location Sample Date Sample Depth (ft bgs)	Tier 1 Soil ESLs <sup>1</sup>	SB-01 08/31/2017 1.5	SB-01 08/31/2017 17.0	SB-02 09/01/2017 1.5	SB-02 09/01/2017 15.5	SB-03 09/01/2017 2.0	SB-03 09/01/2017 16.0	SB-04 08/31/2017 3.0	SB-04 08/31/2017 21.0	SB-05 08/31/2017 3.0	SB-05 08/31/2017 5.0	SB-06 08/31/2017 1.0	SB-06 08/31/2017 5.0	SB-07 08/31/2017 1.0	SB-07 08/31/2017 5.0
<b>Volatile Organic Compounds (µg/kg)</b>															
1,1,1,2-Tetrachloroethane	10	< 5.8	< 6	< 6	< 4.9	< 6.6	< 5.7	< 5.8	< 6.1	< 11	< 4.9	< 4.5	< 4.2	< 4.5	< 5.1
1,1,1-Trichloroethane	7800	< 5.8	< 6	< 6	< 4.9	< 6.6	< 5.7	< 5.8	< 6.1	< 11	< 4.9	< 4.5	< 4.2	< 4.5	< 5.1
1,1,2,2-Tetrachloroethane	18	< 5.8	< 6	< 6	< 4.9	< 6.6	< 5.7	< 5.8	< 6.1	< 11	< 4.9	< 4.5	< 4.2	< 4.5	< 5.1
1,1,2-Trichloroethane	70	< 5.8	< 6	< 6	< 4.9	< 6.6	< 5.7	< 5.8	< 6.1	< 11	< 4.9	< 4.5	< 4.2	< 4.5	< 5.1
1,1-Dichloroethane	200	< 5.8	< 6	< 6	< 4.9	< 6.6	< 5.7	< 5.8	< 6.1	< 11	< 4.9	< 4.5	< 4.2	< 4.5	< 5.1
1,1-Dichloroethene	550	< 5.8	< 6	< 6	< 4.9	< 6.6	< 5.7	< 5.8	< 6.1	< 11	< 4.9	< 4.5	< 4.2	< 4.5	< 5.1
1,1-Dichloropropene	-	< 5.8	< 6	< 6	< 4.9	< 6.6	< 5.7	< 5.8	< 6.1	< 11	< 4.9	< 4.5	< 4.2	< 4.5	< 5.1
1,2,3-Trichlorobenzene	-	< 5.8	< 6	< 6	< 4.9	< 6.6	< 5.7	< 5.8	< 6.1	< 11	< 4.9	< 4.5	< 4.2	< 4.5	< 5.1
1,2,4-Trichlorobenzene	1500	< 5.8	< 6	< 6	< 4.9	< 6.6	< 5.7	< 5.8	< 6.1	< 11	< 4.9	< 4.5	< 4.2	< 4.5	< 5.1
1,2,4-Trimethylbenzene	-	< 5.8	< 6	< 6	< 4.9	< 6.6	< 5.7	< 5.8	< 6.1	< 11	< 4.9	< 4.5	< 4.2	< 4.5	< 5.1
1,2-Dibromo-3-chloropropane (DBCP)	4.5	< 12	< 12	< 12	< 9.9	< 13	< 11	< 12	< 12	< 21	< 9.7	< 8.9	< 8.4	< 9	< 10
1,2-Dibromoethane (Ethylene Dibromide)	0.33	< 5.8	< 6	< 6	< 4.9	< 6.6	< 5.7	< 5.8	< 6.1	< 11	< 4.9	< 4.5	< 4.2	< 4.5	< 5.1
1,2-Dichlorobenzene	1600	< 5.8	< 6	< 6	< 4.9	< 6.6	< 5.7	< 5.8	< 6.1	< 11	< 4.9	< 4.5	< 4.2	< 4.5	< 5.1
1,2-Dichloroethane	4.5	< 5.8	< 6	< 6	< 4.9	< 6.6	< 5.7	< 5.8	< 6.1	< 11	< 4.9	< 4.5	< 4.2	< 4.5	< 5.1
1,2-Dichloropropane	120	< 5.8	< 6	< 6	< 4.9	< 6.6	< 5.7	< 5.8	< 6.1	< 11	< 4.9	< 4.5	< 4.2	< 4.5	< 5.1
1,3,5-Trimethylbenzene	-	< 5.8	< 6	< 6	< 4.9	< 6.6	< 5.7	< 5.8	< 6.1	< 11	< 4.9	< 4.5	< 4.2	< 4.5	< 5.1
1,3-Dichlorobenzene	7400	< 5.8	< 6	< 6	< 4.9	< 6.6	< 5.7	< 5.8	< 6.1	< 11	< 4.9	< 4.5	< 4.2	< 4.5	< 5.1
1,3-Dichloropropane	-	< 5.8	< 6	< 6	< 4.9	< 6.6	< 5.7	< 5.8	< 6.1	< 11	< 4.9	< 4.5	< 4.2	< 4.5	< 5.1
1,4-Dichlorobenzene	590	< 5.8	< 6	< 6	< 4.9	< 6.6	< 5.7	< 5.8	< 6.1	< 11	< 4.9	< 4.5	< 4.2	< 4.5	< 5.1
2,2-Dichloropropane	-	< 5.8	< 6	< 6	< 4.9	< 6.6	< 5.7	< 5.8	< 6.1	< 11	< 4.9	< 4.5	< 4.2	< 4.5	< 5.1
2-Butanone (Methyl Ethyl Ketone)	5100	< 58	< 60	< 60	< 49	< 66	< 57	< 58	< 61	< 110	< 49	< 45	< 42	< 45	< 51
2-Chlorotoluene	-	< 5.8	< 6	< 6	< 4.9	< 6.6	< 5.7	< 5.8	< 6.1	< 11	< 4.9	< 4.5	< 4.2	< 4.5	< 5.1
2-Hexanone	-	< 58	< 60	< 60	< 49	< 66	< 57	< 58	< 61	< 110	< 49	< 45	< 42	< 45	< 51
2-Phenylbutane (sec-Butylbenzene)	-	< 5.8	< 6	< 6	< 4.9	< 6.6	< 5.7	< 5.8	< 6.1	< 11	< 4.9	< 4.5	< 4.2	< 4.5	< 5.1
4-Chlorotoluene	-	< 5.8	< 6	< 6	< 4.9	< 6.6	< 5.7	< 5.8	< 6.1	< 11	< 4.9	< 4.5	< 4.2	< 4.5	< 5.1
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	2800	< 58	< 60	< 60	< 49	< 66	< 57	< 58	< 61	< 110	< 49	< 45	< 42	< 45	< 51
Acetone	500	< 58	< 60	< 60	< 49	< 66	< 57	< 58	< 61	< 110	< 49	< 45	< 42	< 45	< 51
Benzene	44	< 5.8	< 6	< 6	< 4.9	< 6.6	< 5.7	< 5.8	< 6.1	< 11	< 4.9	< 4.5	< 4.2	< 4.5	< 5.1
Bromobenzene	-	< 5.8	< 6	< 6	< 4.9	< 6.6	< 5.7	< 5.8	< 6.1	< 11	< 4.9	< 4.5	< 4.2	< 4.5	< 5.1
Bromodichloromethane	520	< 5.8	< 6	< 6	< 4.9	< 6.6	< 5.7	< 5.8	< 6.1	< 11	< 4.9	< 4.5	< 4.2	< 4.5	< 5.1
Bromoform	1700	< 5.8	< 6	< 6	< 4.9	< 6.6	< 5.7	< 5.8	< 6.1	< 11	< 4.9	< 4.5	< 4.2	< 4.5	< 5.1
Bromomethane (Methyl Bromide)	300	< 12	< 12	< 12	< 9.9	< 13	< 11	< 12	< 12	< 21	< 9.7	< 8.9	< 8.4	< 9	< 10
Carbon disulfide	-	< 5.8	< 6	< 6	< 4.9	< 6.6	< 5.7	< 5.8	< 6.1	< 11	< 4.9	< 4.5	< 4.2	< 4.5	< 5.1
Carbon tetrachloride	48	< 5.8	< 6	< 6	< 4.9	< 6.6	< 5.7	< 5.8	< 6.1	< 11	< 4.9	< 4.5	< 4.2	< 4.5	< 5.1
Chlorobenzene	1500	< 5.8	< 6	< 6	< 4.9	< 6.6	< 5.7	< 5.8	< 6.1	< 11	< 4.9	< 4.5	< 4.2	< 4.5	< 5.1
Chlorobromomethane	-	< 23	< 24	< 24	< 20	< 27	< 23	< 23	< 25	< 42	< 19	< 18	< 17	< 18	< 21
Chloroethane	1100	< 12	< 12	< 12	< 9.9	< 13	< 11	< 12	< 12	< 21	< 9.7	< 8.9	< 8.4	< 9	< 10
Chloroform (Trichloromethane)	68	< 5.8	< 6	< 6	<										

**TABLE 1**  
 SUMMARY OF SOIL ANALYTICAL RESULTS  
 345-347 NORTH MONTGOMERY STREET  
 SAN JOSE, CALIFORNIA

Location Sample Date Sample Depth (ft bgs)	Tier 1 Soil ESLs <sup>1</sup>	SB-01 08/31/2017 1.5	SB-01 08/31/2017 17.0	SB-02 09/01/2017 1.5	SB-02 09/01/2017 15.5	SB-03 09/01/2017 2.0	SB-03 09/01/2017 16.0	SB-04 08/31/2017 3.0	SB-04 08/31/2017 21.0	SB-05 08/31/2017 3.0	SB-05 08/31/2017 5.0	SB-06 08/31/2017 1.0	SB-06 08/31/2017 5.0	SB-07 08/31/2017 1.0	SB-07 08/31/2017 5.0
tert-Butylbenzene	-	< 5.8	< 6	< 6	< 4.9	< 6.6	< 5.7	< 5.8	< 6.1	< 11	< 4.9	< 4.5	< 4.2	< 4.5	< 5.1
Tetrachloroethene	420	< 5.8	< 6	< 6	< 4.9	< 6.6	< 5.7	< 5.8	< 6.1	< 11	< 4.9	< 4.5	< 4.2	< 4.5	< 5.1
Toluene	2900	< 5.8	< 6	< 6	< 4.9	< 6.6	< 5.7	< 5.8	< 6.1	< 11	< 4.9	< 4.5	< 4.2	< 4.5	< 5.1
Total Petroleum Hydrocarbons (C5-C12) GRO	-	< 290	< 300	< 300	< 250	< 330	< 290	< 290	< 310	< 530	< 240	< 220	< 210	< 230	< 260
trans-1,2-Dichloroethene	670	< 5.8	< 6	< 6	< 4.9	< 6.6	< 5.7	< 5.8	< 6.1	< 11	< 4.9	< 4.5	< 4.2	< 4.5	< 5.1
trans-1,3-Dichloropropene	-	< 5.8	< 6	< 6	< 4.9	< 6.6	< 5.7	< 5.8	< 6.1	< 11	< 4.9	< 4.5	< 4.2	< 4.5	< 5.1
Trichloroethene	460	< 5.8	< 6	< 6	< 4.9	< 6.6	< 5.7	< 5.8	< 6.1	< 11	< 4.9	< 4.5	< 4.2	< 4.5	< 5.1
Trichlorofluoromethane (CFC-11)	-	< 5.8	< 6	< 6	< 4.9	< 6.6	< 5.7	< 5.8	< 6.1	< 11	< 4.9	< 4.5	< 4.2	< 4.5	< 5.1
Trifluorotrichloroethane (Freon 113)	-	< 5.8	< 6	< 6	< 4.9	< 6.6	< 5.7	< 5.8	< 6.1	< 11	< 4.9	< 4.5	< 4.2	< 4.5	< 5.1
Vinyl acetate	-	< 23	< 24	< 24	< 20	< 27	< 23	< 23	< 25	< 42	< 19	< 18	< 17	< 18	< 21
Vinyl chloride	8.2	< 5.8	< 6	< 6	< 4.9	< 6.6	< 5.7	< 5.8	< 6.1	< 11	< 4.9	< 4.5	< 4.2	< 4.5	< 5.1
Xylene (total)	2300	< 12	< 12	< 12	< 9.9	< 13	< 11	< 12	< 12	< 21	< 9.7	< 8.9	< 8.4	< 9	< 10

Metal TCLP (mg/L)	Hazardous Waste Criteria														
Chromium	5	-	-	-	-	-	-	-	-	-	-	-	< 0.1	< 0.1	-
Lead	5	-	-	0.16	-	-	-	-	-	-	-	-	0.15	0.085	-

Metal STLC (mg/L)	Hazardous Waste Criteria														
Chromium	5	-	-	-	-	-	-	-	-	-	-	-	1	0.42	-
Copper	25	-	-	-	-	-	-	-	-	-	-	-	7.5	-	-
Lead	5	-	-	0.78	-	-	-	-	0.44	-	-	-	9.7	5.9	-

1. Tier 1 Environmental Screening Level (ESL) established for soil by the San Francisco Bay Regional Water Quality Control Board (RWQCB), dated February 2016 (Rev 3)

2. Arsenic concentrations compared to the regional background level of 11 mg/kg as established by: Duvergé, D.J., 2011. Establishing Background Arsenic in Soil of the Urbanized San Francisco Bay Region. Master's thesis, San Francisco State University

3. PCB Tier 1 ESL is for total PCBs

**Bold** = Concentration exceeds Tier 1 Soil ESL  
 ft bgs: feet below ground surface

DRO: Diesel Range Organics

mg/kg: milligrams per kilogram

µg/kg: micrograms per kilogram

< X: analyte not detected at a concentration greater than or equal to laboratory reporting limit of X

J: The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

**TABLE 1**  
 SUMMARY OF SOIL ANALYTICAL RESULTS  
 345-347 NORTH MONTGOMERY STREET  
 SAN JOSE, CALIFORNIA

Location Sample Date Sample Depth (ft bgs)	Tier 1 Soil ESLs <sup>1</sup>	SB-08 08/31/2017 1.5	SB-08 08/31/2017 5.0	SB-09 08/31/2017 2.5	SB-09 08/31/2017 5.0
<b>Metal Compounds (mg/kg)</b>					
Antimony	31	1.7	< 1.6	< 1.4	< 1.2
Arsenic	11 <sup>2</sup>	7	4.4	6.3	2.7
Barium	3000	380	240	430	280
Beryllium	42	0.49	0.52	0.61	0.87
Cadmium	39	0.72	< 0.39	0.67	< 0.3
Chromium	120000	57	52	66	60
Cobalt	23	9.2	7.2	11	8.4
Copper	3100	66	19	35	23
Lead	80	<b>250</b>	6.3	<b>480</b>	7
Mercury	13	0.68	0.072	2.2	0.055
Molybdenum	390	< 1.1	< 1.6	< 1.4	< 1.2
Nickel	86	68	42	84	56
Selenium	390	< 2.1	< 3.1	< 2.9	< 2.4
Silver	390	< 0.53	< 0.79	< 0.72	< 0.6
Thallium	0.78	<b>13</b>	<b>11</b>	<b>12</b>	<b>13</b>
Vanadium	390	48	41	48	52
Zinc	23000	250	35	240	42
<b>Polychlorinated Biphenyls (PCBs) (µg/kg)</b>					
Aroclor-1016 (PCB-1016)	250 <sup>3</sup>	< 50	< 49	< 49	< 49
Aroclor-1221 (PCB-1221)	250 <sup>3</sup>	< 50	< 49	< 49	< 49
Aroclor-1232 (PCB-1232)	250 <sup>3</sup>	< 50	< 49	< 49	< 49
Aroclor-1242 (PCB-1242)	250 <sup>3</sup>	< 50	< 49	< 49	< 49
Aroclor-1248 (PCB-1248)	250 <sup>3</sup>	< 50	< 49	< 49	< 49
Aroclor-1254 (PCB-1254)	250 <sup>3</sup>	< 50	< 49	< 49	< 49
Aroclor-1260 (PCB-1260)	250 <sup>3</sup>	< 50	< 49	< 49	< 49
<b>Semi-Volatile Organic Compounds (mg/kg)</b>					
1,2,4-Trichlorobenzene	1.5	< 0.13	< 0.067	< 0.13	< 0.067
1,2-Dichlorobenzene	1.6	< 0.13	< 0.067	< 0.13	< 0.067
1,3-Dichlorobenzene	7.4	< 0.13	< 0.067	< 0.13	< 0.067
1,4-Dichlorobenzene	0.59	< 0.13	< 0.067	< 0.13	< 0.067
2,4,5-Trichlorophenol	0.18	< 0.13	< 0.067	< 0.13	< 0.067
2,4,6-Trichlorophenol	0.21	< 0.34	< 0.17	< 0.34	< 0.17
2,4-Dichlorophenol	0.3	< 0.66	< 0.33	< 0.66	< 0.33
2,4-Dimethylphenol	0.67	< 0.13	< 0.067	< 0.13	< 0.067
2,4-Dinitrophenol	0.11	< 1.3	< 0.66	< 1.3	< 0.66
2,4-Dinitrotoluene	0.0018	< 0.13	< 0.067	< 0.13	< 0.067
2,6-Dinitrotoluene	-	< 0.13	< 0.067	< 0.13	< 0.067
2-Chloronaphthalene	-	< 0.13	< 0.067	< 0.13	< 0.067
2-Chlorophenol	0.012	< 0.13	< 0.067	< 0.13	< 0.067
2-Methyl-4,6-dinitrophenol	-	< 0.66	< 0.33	< 0.66	< 0.33
2-Methylnaphthalene	0.25	< 0.13	< 0.067	< 0.13	< 0.067
2-Methylphenol (o-Cresol)	-	< 0.13	< 0.067	< 0.13	< 0.067
2-Nitroaniline	-	< 0.66	< 0.33	< 0.66	< 0.33
2-Nitrophenol	-	< 0.13	< 0.067	< 0.13	< 0.067
3&4-Methylphenol	-	< 0.13	< 0.067	< 0.13	< 0.067
3,3'-Dichlorobenzidine	0.012	< 0.34	< 0.17	< 0.34	< 0.17
3-Nitroaniline	-	< 0.34	< 0.17	< 0.34	< 0.17
4-Bromophenyl phenyl ether	-	< 0.34	< 0.17	< 0.34	< 0.17
4-Chloro-3-methylphenol	-	< 0.34	< 0.17	< 0.34	< 0.17
4-Chloroaniline	0.0039	< 0.34	< 0.17	< 0.34	< 0.17
4-Chlorophenyl phenyl ether	-	< 0.34	< 0.17	< 0.34	< 0.17

**TABLE 1**  
 SUMMARY OF SOIL ANALYTICAL RESULTS  
 345-347 NORTH MONTGOMERY STREET  
 SAN JOSE, CALIFORNIA

Location Sample Date Sample Depth (ft bgs)	Tier 1 Soil ESLs <sup>1</sup>	SB-08 08/31/2017 1.5	SB-08 08/31/2017 5.0	SB-09 08/31/2017 2.5	SB-09 08/31/2017 5.0
4-Nitroaniline	-	< 0.66	< 0.33	< 0.66	< 0.33
4-Nitrophenol	-	< 0.66	< 0.33	< 0.66	< 0.33
Acenaphthene	16	< 0.13	< 0.067	< 0.13	< 0.067
Acenaphthylene	13	< 0.13	< 0.067	< 0.13	< 0.067
Anthracene	2.8	< 0.13	< 0.067	< 0.13	< 0.067
Azobenzene	-	< 0.13	< 0.067	< 0.13	< 0.067
Benzo(a)anthracene	0.16	< 0.66	< 0.33	< 0.66	< 0.33
Benzo(a)pyrene	0.016	<b>0.24</b>	< 0.067	< 0.13	< 0.067
Benzo(b)fluoranthene	0.16	<b>0.33</b>	< 0.067	< 0.13	< 0.067
Benzo(g,h,i)perylene	2.5	0.24	< 0.067	< 0.13	< 0.067
Benzo(k)fluoranthene	1.6	< 0.13	< 0.067	< 0.13	< 0.067
Benzoic acid	-	< 0.66	< 0.33	< 0.66	< 0.33
Benzyl Alcohol	-	< 0.34	< 0.17	< 0.34	< 0.17
bis(2-Chloroethoxy)methane	-	< 0.34	< 0.17	< 0.34	< 0.17
bis(2-Chloroethyl)ether	0.00008	< 0.13	< 0.067	< 0.13	< 0.067
bis(2-Ethylhexyl)phthalate	39	< 0.66	< 0.33	< 0.66	< 0.33
Butyl benzylphthalate	-	< 0.34	< 0.17	< 0.34	< 0.17
Chrysene	3.8	0.22	< 0.067	< 0.13	< 0.067
Dibenz(a,h)anthracene	0.016	< 0.13	< 0.067	< 0.13	< 0.067
Dibenzofuran	-	< 0.13	< 0.067	< 0.13	< 0.067
Diethyl phthalate	0.035	< 0.34	< 0.17	< 0.34	< 0.17
Dimethyl phthalate	0.035	< 0.34	< 0.17	< 0.34	< 0.17
Di-n-butylphthalate	-	< 0.34	< 0.17	< 0.34	< 0.17
Di-n-octyl phthalate	-	< 0.34	< 0.17	< 0.34	< 0.17
Fluoranthene	60	0.59	< 0.067	< 0.13	< 0.067
Fluorene	8.9	< 0.13	< 0.067	< 0.13	< 0.067
Hexachlorobenzene	0.34	< 0.13	< 0.067	< 0.13	< 0.067
Hexachlorobutadiene	0.68	< 0.13	< 0.067	< 0.13	< 0.067
Hexachlorocyclopentadiene	-	< 0.34	< 0.17	< 0.34	< 0.17
Hexachloroethane	1.1	< 0.13	< 0.067	< 0.13	< 0.067
Indeno(1,2,3-cd)pyrene	0.16	<b>0.2</b>	< 0.067	< 0.13	< 0.067
Isophorone	-	< 0.13	< 0.067	< 0.13	< 0.067
Naphthalene	0.033	< 0.13	< 0.067	< 0.13	< 0.067
Nitrobenzene	-	< 0.13	< 0.067	< 0.13	< 0.067
N-Nitrosodi-n-propylamine	-	< 0.13	< 0.067	< 0.13	< 0.067
N-Nitrosodiphenylamine	-	< 0.13	< 0.067	< 0.13	< 0.067
Pentachlorophenol	1	< 0.66	< 0.33	< 0.66	< 0.33
Phenanthrene	11	0.49	< 0.067	< 0.13	< 0.067
Phenol	0.076	< 0.13	< 0.067	< 0.13	< 0.067
Pyrene	85	0.7	< 0.067	< 0.13	< 0.067
<b>Total Petroleum Hydrocarbons (mg/kg)</b>					
Total Petroleum Hydrocarbons (C10-C28) DRO	230	31	1.5	20	1.1
Total Petroleum Hydrocarbons (C24-C36) Motor Oil	5100	84	< 50	65	< 50

**TABLE 1**  
 SUMMARY OF SOIL ANALYTICAL RESULTS  
 345-347 NORTH MONTGOMERY STREET  
 SAN JOSE, CALIFORNIA

Location Sample Date Sample Depth (ft bgs)	Tier 1 Soil ESLs <sup>1</sup>	SB-08 08/31/2017 1.5	SB-08 08/31/2017 5.0	SB-09 08/31/2017 2.5	SB-09 08/31/2017 5.0
<b>Volatile Organic Compounds (µg/kg)</b>					
1,1,1,2-Tetrachloroethane	10	< 8.8	< 5.6	< 8.8	< 4.1
1,1,1-Trichloroethane	7800	< 8.8	< 5.6	< 8.8	< 4.1
1,1,2,2-Tetrachloroethane	18	< 8.8	< 5.6	< 8.8	< 4.1
1,1,2-Trichloroethane	70	< 8.8	< 5.6	< 8.8	< 4.1
1,1-Dichloroethane	200	< 8.8	< 5.6	< 8.8	< 4.1
1,1-Dichloroethene	550	< 8.8	< 5.6	< 8.8	< 4.1
1,1-Dichloropropene	-	< 8.8	< 5.6	< 8.8	< 4.1
1,2,3-Trichlorobenzene	-	< 8.8	< 5.6	< 8.8	< 4.1
1,2,3-Trichloropropane	-	< 8.8	< 5.6	< 8.8	< 4.1
1,2,4-Trichlorobenzene	1500	< 8.8	< 5.6	< 8.8	< 4.1
1,2,4-Trimethylbenzene	-	< 8.8	< 5.6	< 8.8	< 4.1
1,2-Dibromo-3-chloropropane (DBCP)	4.5	< 18	< 11	< 18	< 8.2
1,2-Dibromoethane (Ethylene Dibromide)	0.33	< 8.8	< 5.6	< 8.8	< 4.1
1,2-Dichlorobenzene	1600	< 8.8	< 5.6	< 8.8	< 4.1
1,2-Dichloroethane	4.5	< 8.8	< 5.6	< 8.8	< 4.1
1,2-Dichloropropane	120	< 8.8	< 5.6	< 8.8	< 4.1
1,3,5-Trimethylbenzene	-	< 8.8	< 5.6	< 8.8	< 4.1
1,3-Dichlorobenzene	7400	< 8.8	< 5.6	< 8.8	< 4.1
1,3-Dichloropropane	-	< 8.8	< 5.6	< 8.8	< 4.1
1,4-Dichlorobenzene	590	< 8.8	< 5.6	< 8.8	< 4.1
2,2-Dichloropropane	-	< 8.8	< 5.6	< 8.8	< 4.1
2-Butanone (Methyl Ethyl Ketone)	5100	< 88	< 56	< 88	< 41
2-Chlorotoluene	-	< 8.8	< 5.6	< 8.8	< 4.1
2-Hexanone	-	< 88	< 56	< 88	< 41
2-Phenylbutane (sec-Butylbenzene)	-	< 8.8	< 5.6	< 8.8	< 4.1
4-Chlorotoluene	-	< 8.8	< 5.6	< 8.8	< 4.1
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	2800	< 88	< 56	< 88	< 41
Acetone	500	< 88	< 56	< 88	< 41
Benzene	44	< 8.8	< 5.6	< 8.8	< 4.1
Bromobenzene	-	< 8.8	< 5.6	< 8.8	< 4.1
Bromodichloromethane	520	< 8.8	< 5.6	< 8.8	< 4.1
Bromoform	1700	< 8.8	< 5.6	< 8.8	< 4.1
Bromomethane (Methyl Bromide)	300	< 18	< 11	< 18	< 8.2
Carbon disulfide	-	< 8.8	< 5.6	< 8.8	< 4.1
Carbon tetrachloride	48	< 8.8	< 5.6	< 8.8	< 4.1
Chlorobenzene	1500	< 8.8	< 5.6	< 8.8	< 4.1
Chlorobromomethane	-	< 35	< 22	< 35	< 16
Chloroethane	1100	< 18	< 11	< 18	< 8.2
Chloroform (Trichloromethane)	68	< 8.8	< 5.6	< 8.8	< 4.1
Chloromethane (Methyl Chloride)	29000	< 18	< 11	< 18	< 8.2
cis-1,2-Dichloroethene	190	< 8.8	< 5.6	< 8.8	< 4.1
cis-1,3-Dichloropropene	-	< 8.8	< 5.6	< 8.8	< 4.1
Cymene (p-Isopropyltoluene)	-	< 8.8	< 5.6	< 8.8	< 4.1
Dibromochloromethane	3800	< 8.8	< 5.6	< 8.8	< 4.1
Dibromomethane	-	< 18	< 11	< 18	< 8.2
Dichlorodifluoromethane (CFC-12)	-	< 18	< 11	< 18	< 8.2
Ethylbenzene	1400	< 8.8	< 5.6	< 8.8	< 4.1
Hexachlorobutadiene	680	< 8.8	< 5.6	< 8.8	< 4.1
Isopropylbenzene (Cumene)	-	< 8.8	< 5.6	< 8.8	< 4.1
Methyl Tert Butyl Ether	23	< 8.8	< 5.6	< 8.8	< 4.1
Methylene chloride	77	< 18	< 11	< 18	< 8.2
Naphthalene	33	< 18	< 11	< 18	< 8.2
n-Butylbenzene	-	< 8.8	< 5.6	< 8.8	< 4.1
n-Propylbenzene	-	< 8.8	< 5.6	< 8.8	< 4.1
Styrene	1500	< 8.8	< 5.6	< 8.8	< 4.1

**TABLE 1**  
 SUMMARY OF SOIL ANALYTICAL RESULTS  
 345-347 NORTH MONTGOMERY STREET  
 SAN JOSE, CALIFORNIA

Location Sample Date Sample Depth (ft bgs)	Tier 1 Soil ESLs <sup>1</sup>	SB-08 08/31/2017 1.5	SB-08 08/31/2017 5.0	SB-09 08/31/2017 2.5	SB-09 08/31/2017 5.0
tert-Butylbenzene	-	< 8.8	< 5.6	< 8.8	< 4.1
Tetrachloroethene	420	< 8.8	< 5.6	< 8.8	< 4.1
Toluene	2900	< 8.8	< 5.6	< 8.8	< 4.1
Total Petroleum Hydrocarbons (C5-C12) GRO	-	< 440	< 280	< 440	< 210
trans-1,2-Dichloroethene	670	< 8.8	< 5.6	< 8.8	< 4.1
trans-1,3-Dichloropropene	-	< 8.8	< 5.6	< 8.8	< 4.1
Trichloroethene	460	< 8.8	< 5.6	< 8.8	< 4.1
Trichlorofluoromethane (CFC-11)	-	< 8.8	< 5.6	< 8.8	< 4.1
Trifluorotrichloroethane (Freon 113)	-	< 8.8	< 5.6	< 8.8	< 4.1
Vinyl acetate	-	< 35	< 22	< 35	< 16
Vinyl chloride	8.2	< 8.8	< 5.6	< 8.8	< 4.1
Xylene (total)	2300	< 18	< 11	< 18	< 8.2

Metal TCLP (mg/L)	Hazardous Waste Criteria				
Chromium	5	-	-	-	-
Lead	5	-	-	0.099	-

Metal STLC (mg/L)	Hazardous Waste Criteria				
Chromium	5	-	-	-	-
Copper	25	-	-	-	-
Lead	5	-	-	15	-

1. Tier 1 Environmental Screening Level (ESL) established for soil by the San Francisco Bay Regional Water Quality Control Board (RWQCB), dated February 2016 (Rev 3)

2. Arsenic concentrations compared to the regional background level of 11 mg/kg as established by: Duvergé, D.J., 2011. Establishing Background Arsenic in Soil of the Urbanized San Francisco Bay Region. Master's thesis, San Francisco State University

3. PCB Tier 1 ESL is for total PCBs

**Bold** = Concentration exceeds Tier 1 Soil ESL

ft bgs: feet below ground surface

DRO: Diesel Range Organics

mg/kg: milligrams per kilogram

µg/kg: micrograms per kilogram

< X: analyte not detected at a concentration greater than or equal to laboratory reporting limit of X

J: The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

**TABLE 2**  
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS  
345-347 NORTH MONTGOMERY STREET  
SAN JOSE, CALIFORNIA

Location Sample Date Sample Depth (ft bgs)	Tier 1 Groundwater ESLs <sup>1</sup>	SB-01 08/31/2017 15 - 20	SB-02 09/01/2017 15 - 20	SB-03 09/01/2017 15 - 20
<b>Metal Compounds (mg/L)</b>				
Antimony, Dissolved	0.006	< 0.01	< 0.01	< 0.01
Arsenic, Dissolved	0.01	< 0.01	< 0.01	< 0.01
Barium, Dissolved	1	0.05	0.13	< 0.05
Beryllium, Dissolved	0.0026	< 0.002	< 0.002	< 0.002
Cadmium, Dissolved	0.00025	< 0.002	< 0.002	< 0.002
Chromium, Dissolved	0.05	< 0.01	< 0.01	< 0.01
Cobalt, Dissolved	0.003	0.0023	< 0.002	0.0026
Copper, Dissolved	0.0031	< 0.02	< 0.02	< 0.02
Lead, Dissolved	0.0025	<b>0.011</b>	< 0.005	<b>0.012</b>
Mercury, Dissolved	0.000051	< 0.0002	< 0.0002	< 0.0002
Molybdenum, Dissolved	0.1	< 0.01	< 0.01	< 0.01
Nickel, Dissolved	0.0082	< 0.01	< 0.01	< 0.01
Selenium, Dissolved	0.005	<b>0.079</b>	< 0.02	<b>0.14</b>
Silver, Dissolved	0.00019	< 0.005	< 0.005	< 0.005
Thallium, Dissolved	0.002	< 0.01	< 0.01	< 0.01
Vanadium, Dissolved	0.019	< 0.01	< 0.01	< 0.01
Zinc, Dissolved	0.081	< 0.02	< 0.02	0.04
<b>Semi-Volatile Organic Compounds (µg/L)</b>				
1,2,4-Trichlorobenzene	5	< 2.3	< 2.4	< 2.6
1,2-Dichlorobenzene	14	< 2.3	< 2.4	< 2.6
1,3-Dichlorobenzene	64	< 2.3	< 2.4	< 2.6
1,4-Dichlorobenzene	5	< 2.3	< 2.4	< 2.6
2,4,5-Trichlorophenol	11	< 4.5	< 4.8	< 5.2
2,4,6-Trichlorophenol	0.63	< 2.3	< 2.4	< 2.6
2,4-Dichlorophenol	0.3	< 5.7	< 6	< 6.4
2,4-Dimethylphenol	100	< 3.4	< 3.6	< 3.9
2,4-Dinitrophenol	39	< 23	< 24	< 26
2,4-Dinitrotoluene	0.24	< 4.5	< 4.8	< 5.2
2,6-Dinitrotoluene	-	< 5.7	< 6	< 6.4
2-Chloronaphthalene	-	< 4.5	< 4.8	< 5.2
2-Chlorophenol	0.18	< 4.5	< 4.8	< 5.2
2-Methyl-4,6-dinitrophenol	-	< 11	< 12	< 13
2-Methylnaphthalene	2.1	< 2.3	< 2.4	< 2.6
2-Methylphenol (o-Cresol)	-	< 4.5	< 4.8	< 5.2
2-Nitroaniline	-	< 11	< 12	< 13
2-Nitrophenol	-	< 2.3	< 2.4	< 2.6
3,3'-Dichlorobenzidine	0.046	< 5.7	< 6	< 6.4
3-Nitroaniline	-	< 5.7	< 6	< 6.4
4-Bromophenyl phenyl ether	-	< 5.7	< 6	< 6.4
4-Chloro-3-methylphenol	-	< 5.7	< 6	< 6.4
4-Chloroaniline	0.36	< 2.3	< 2.4	< 2.6
4-Chlorophenyl phenyl ether	-	< 5.7	< 6	< 6.4
4-Methylphenol	-	< 9.1	< 9.6	< 10
4-Nitroaniline	-	< 11	< 12	< 13
4-Nitrophenol	-	< 11	< 12	< 13
Acenaphthene	20	< 2.3	< 2.4	< 2.6
Acenaphthylene	30	< 4.5	< 4.8	< 5.2
Anthracene	0.73	< 2.3	< 2.4	< 2.6
Azobenzene	-	< 2.3	< 2.4	< 2.6
Benzo(a)anthracene	0.027	< 5.7	< 6	< 6.4
Benzo(a)pyrene	0.014	< 2.3	< 2.4	< 2.6
Benzo(b)fluoranthene	0.012	< 2.3	< 2.4	< 2.6
Benzo(g,h,i)perylene	0.1	< 2.3	< 2.4	< 2.6
Benzo(k)fluoranthene	0.017	< 2.3	< 2.4	< 2.6
Benzoic acid	-	< 23	< 24	< 26
Benzyl Alcohol	-	< 5.7	< 6	< 6.4
bis(2-Chloroethoxy)methane	-	< 5.7	< 6	< 6.4
bis(2-Chloroethyl)ether	0.0063	< 2.3	< 2.4	< 2.6
bis(2-Ethylhexyl)phthalate	4	< 11	< 12	< 13
Butyl benzylphthalate	-	< 5.7	< 6	< 6.4
Chrysene	0.049	< 2.3	< 2.4	< 2.6
Dibenz(a,h)anthracene	0.0034	< 2.3	< 2.4	< 2.6
Dibenzofuran	-	< 4.5	< 4.8	< 5.2
Diethyl phthalate	1.5	< 5.7	< 6	< 6.4
Dimethyl phthalate	1.5	< 5.7	< 6	< 6.4
Di-n-butylphthalate	-	< 5.7	< 6	< 6.4
Di-n-octyl phthalate	-	< 5.7	< 6	< 6.4
Fluoranthene	8	< 2.3	< 2.4	< 2.6
Fluorene	3.9	< 4.5	< 4.8	< 5.2
Hexachlorobenzene	0.00077	< 2.3	< 2.4	< 2.6
Hexachlorobutadiene	0.14	< 2.3	< 2.4	< 2.6
Hexachlorocyclopentadiene	-	< 11	< 12	< 13
Hexachloroethane	0.33	< 2.3	< 2.4	< 2.6
Indeno(1,2,3-cd)pyrene	0.034	< 2.3	< 2.4	< 2.6
Isophorone	-	< 4.5	< 4.8	< 5.2
Naphthalene	0.17	< 2.3	< 2.4	< 2.6
Nitrobenzene	-	< 2.3	< 2.4	< 2.6
N-Nitrosodi-n-propylamine	-	< 2.3	< 2.4	< 2.6
N-Nitrosodiphenylamine	-	< 2.3	< 2.4	< 2.6
Pentachlorophenol	1	< 11	< 12	< 13
Phenanthrene	4.6	< 2.3	< 2.4	< 2.6
Phenol	5	< 2.3	< 2.4	< 2.6
Pyrene	2	< 2.3	< 2.4	< 2.6
<b>Total Petroleum Hydrocarbons (µg/L)</b>				
Total Petroleum Hydrocarbons (C10-C28) DRO	100	< 52	91	< 58
Total Petroleum Hydrocarbons (C24-C36) Motor Oil	-	< 100	120	< 120
<b>Volatile Organic Compounds (µg/L)</b>				
1,1,1,2-Tetrachloroethane	0.57	< 0.5	< 0.5	< 0.5 J
1,1,1-Trichloroethane	62	< 0.5	0.86	< 0.5 J
1,1,2,2-Tetrachloroethane	1	< 0.5	< 0.5	< 0.5 J
1,1,2-Trichloroethane	5	< 0.5	< 0.5	< 0.5 J
1,1-Dichloroethane	5	< 0.5	<b>9.5</b>	< 0.5 J
1,1-Dichloroethene	3.2	< 0.5	0.78	< 0.5 J

Location Sample Date Sample Depth (ft bgs)	Tier 1 Groundwater ESLs <sup>1</sup>	SB-01 08/31/2017 15 - 20	SB-02 09/01/2017 15 - 20	SB-03 09/01/2017 15 - 20
1,1-Dichloropropene	-	< 0.5	< 0.5	< 0.5 J
1,2,3-Trichlorobenzene	-	< 1	< 1	< 1 J
1,2,3-Trichloropropane	-	< 0.5	< 0.5	< 0.5 J
1,2,4-Trichlorobenzene	5	< 1	< 1	< 1 J
1,2,4-Trimethylbenzene	-	< 0.5	< 0.5	< 0.5 J
1,2-Dibromo-3-chloropropane (DBCP)	0.2	< 1	< 1	< 1 J
1,2-Dibromoethane (Ethylene Dibromide)	0.05	< 0.5	< 0.5	< 0.5 J
1,2-Dichlorobenzene	14	< 0.5	< 0.5	< 0.5 J
1,2-Dichloroethane	0.5	< 0.5	< 0.5	< 0.5 J
1,2-Dichloropropane	5	< 0.5	< 0.5	< 0.5 J
1,3,5-Trimethylbenzene	-	< 0.5	< 0.5	< 0.5 J
1,3-Dichlorobenzene	64	< 0.5	< 0.5	< 0.5 J
1,3-Dichloropropane	-	< 1	< 1	< 1 J
1,4-Dichlorobenzene	5	< 0.5	< 0.5	< 0.5 J
2,2-Dichloropropane	-	< 0.5	< 0.5	< 0.5 J
2-Butanone (Methyl Ethyl Ketone)	5600	< 50	< 50	< 50 J
2-Chlorotoluene	-	< 0.5	< 0.5	< 0.5 J
2-Hexanone	-	< 50	< 50	< 50 J
2-Phenylbutane (sec-Butylbenzene)	-	< 1	< 1	< 1 J
4-Chlorotoluene	-	< 0.5	< 0.5	< 0.5 J
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	120	< 50	< 50	< 50 J
Acetone	1500	< 50	< 50	< 50 J
Benzene	1	< 0.5	< 0.5	< 0.5 J
Bromobenzene	-	< 1	< 1	< 1 J
Bromodichloromethane	80	< 0.5	< 0.5	< 0.5 J
Bromoform	80	< 1	< 1	< 1 J
Bromomethane (Methyl Bromide)	7.5	< 1	< 1	< 1 J
Carbon disulfide	-	< 5	< 5	< 5 J
Carbon tetrachloride	0.22	< 0.5	< 0.5	< 0.5 J
Chlorobenzene	25	< 0.5	< 0.5	< 0.5 J
Chlorobromomethane	-	< 1	< 1	< 1 J
Chloroethane	16	< 1	< 1	< 1 J
Chloroform (Trichloromethane)	2.3	< 1	< 1	< 1 J
Chloromethane (Methyl Chloride)	190	< 1	< 1	< 1 J
cis-1,2-Dichloroethene	6	< 0.5	< 0.5	< 0.5 J
cis-1,3-Dichloropropene	-	< 0.5	< 0.5	< 0.5 J
Cymene (p-Isopropyltoluene)	-	< 1	< 1	< 1 J
Dibromochloromethane	46	< 0.5	< 0.5	< 0.5 J
Dibromomethane	-	< 0.5	< 0.5	< 0.5 J
Dichlorodifluoromethane (CFC-12)	-	< 0.5	< 0.5	< 0.5 J
Ethylbenzene	13	< 0.5	< 0.5	< 0.5 J
Hexachlorobutadiene	0.14	< 1	< 1	< 1 J
Isopropylbenzene (Cumene)	-	< 0.5	< 0.5	< 0.5 J
Methyl Tert Butyl Ether	5	< 0.5	0.72	< 0.5 J
Methylene chloride	5	< 5	< 5	< 5 J
Naphthalene	0.17	< 1	< 1	< 1 J
n-Butylbenzene	-	< 1	< 1	< 1 J
n-Propylbenzene	-	< 1	< 1	< 1 J
Styrene	10	< 0.5	< 0.5	< 0.5 J
tert-Butylbenzene	-	< 1	< 1	< 1 J
Tetrachloroethene	3	< 0.5	< 0.5	< 0.5 J
Toluene	40	< 0.5	< 0.5	< 0.5 J
Total Petroleum Hydrocarbons (C5-C12) GRO	-	< 50	< 50	< 50
trans-1,2-Dichloroethene	10	< 0.5	< 0.5	< 0.5 J
trans-1,3-Dichloropropene	-	< 0.5	< 0.5	< 0.5 J
Trichloroethene	5	< 0.5	< 0.5	< 0.5 J
Trichlorofluoromethane (CFC-11)	-	< 1	< 1	< 1 J
Trifluorotrichloroethane (Freon 113)	-	< 0.5	< 0.5	< 0.5 J
Vinyl acetate	-	< 10	< 10	< 10 J
Vinyl chloride	0.061	< 0.5	< 0.5	< 0.5 J
Xylene (total)	20	< 1	< 1	< 1 J

**Notes:**

1. Tier 1 Environmental Screening Levels (ESLs) for Groundwater  
 Screening Levels established by the San Francisco Bay Regional  
 Water Quality Control Board (RWQCB), dated February 2016 (Rev 3).

**Bold** = Exceeds screening level

DRO: Diesel Range Organics

GRO: Gasoline Range Organics

mg/L: milligrams per liter

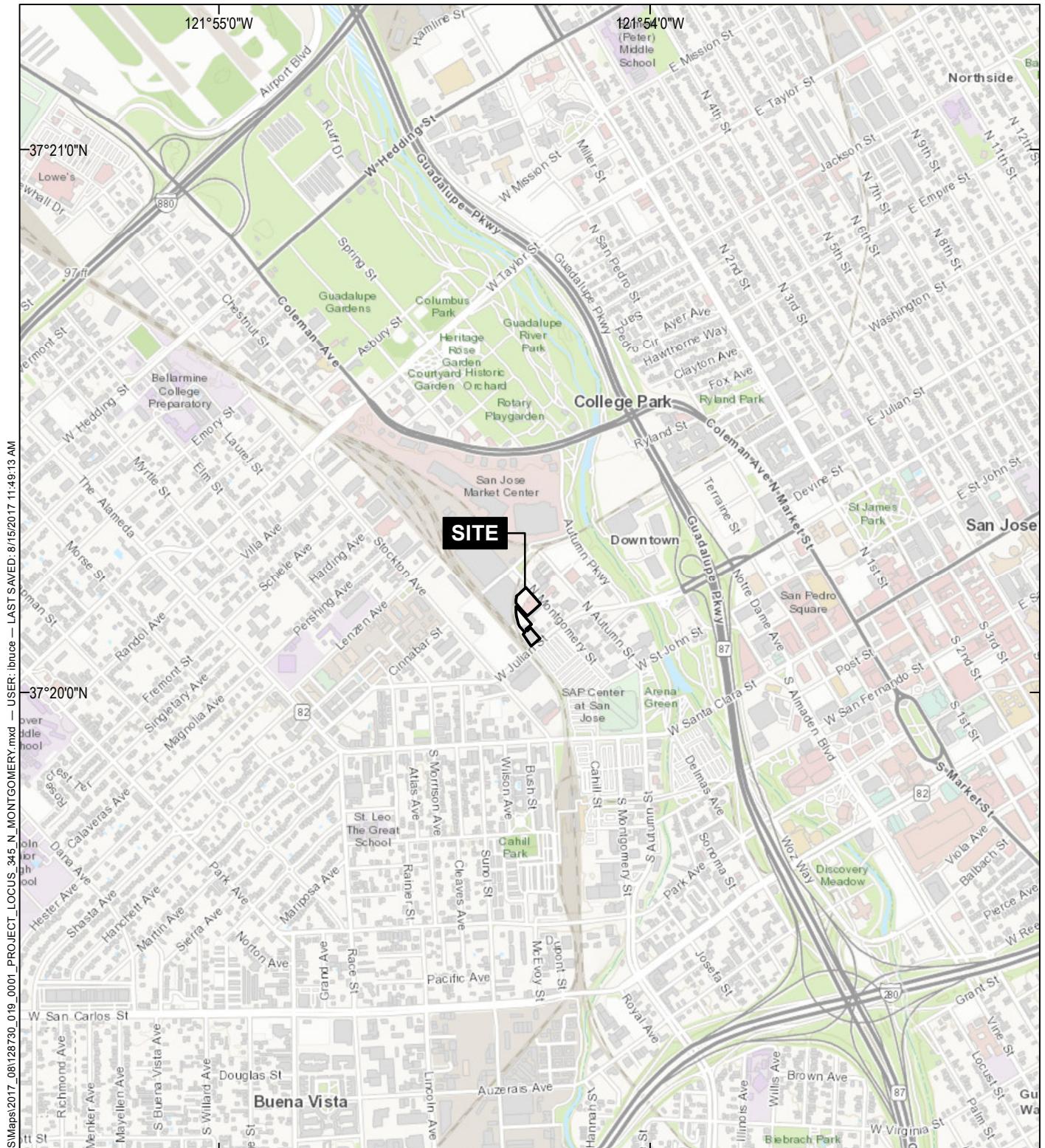
µg/L: micrograms per liter

< X: analyte not detected at a concentration greater than or equal to  
 laboratory reporting limit of X.

UJ: The analyte was not detected above the reported sample quantitation  
 limit. However, the reported quantitation limit is approximate and may  
 or may not represent the actual limit of quantitation necessary to  
 accurately and precisely measure the analyte in the sample.

J: The analyte was positively identified; the associated numerical value  
 is the approximate concentration of the analyte in the sample.

## **FIGURES**



MAP SOURCE: ESRI  
SITE COORDINATES: 37°20'9"N, 121°54'17"W

**HALEY**  
**ALDRICH**

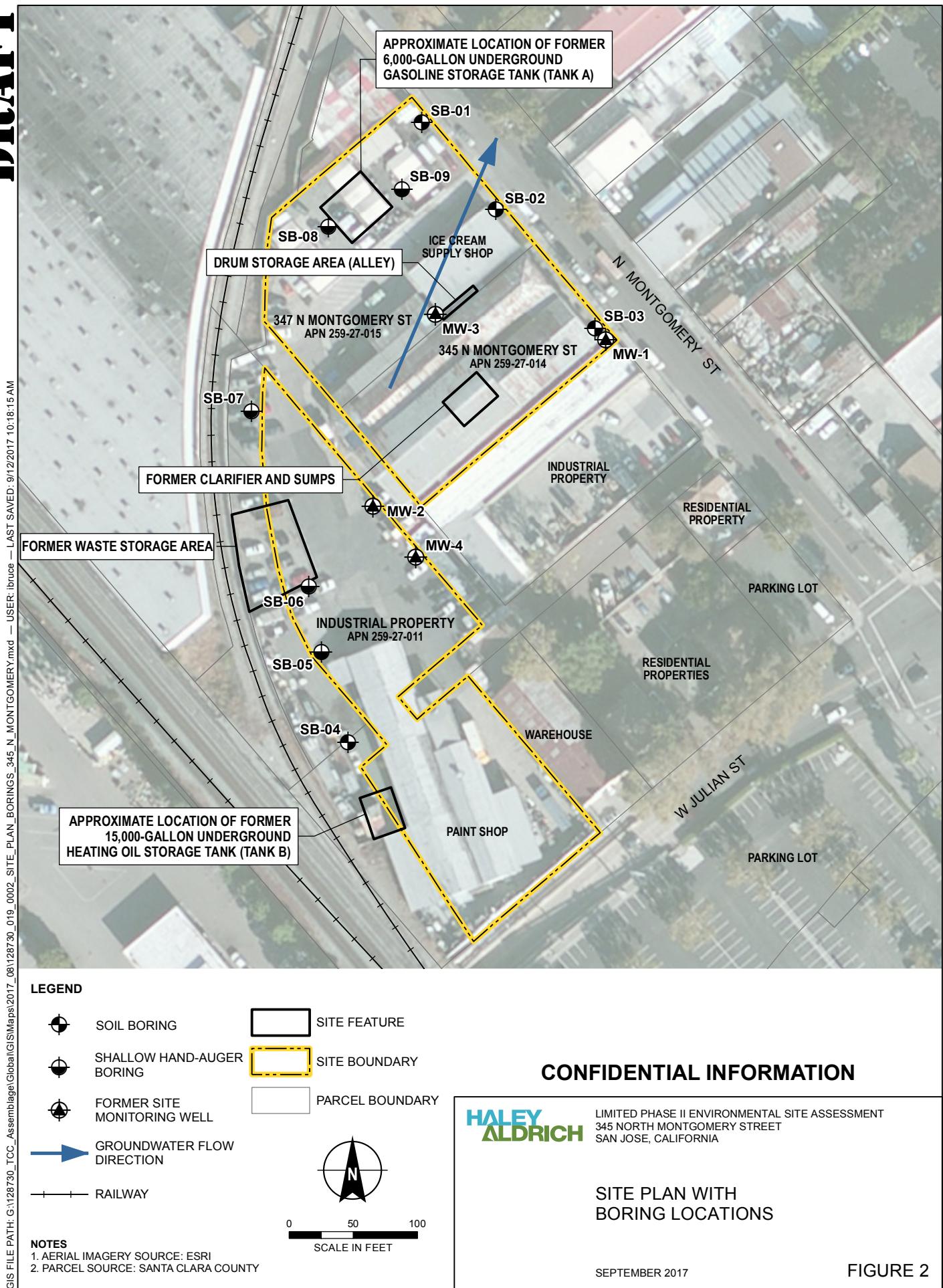
LIMITED PHASE II ENVIRONMENTAL SITE ASSESSMENT  
345 NORTH MONTGOMERY STREET  
SAN JOSE, CALIFORNIA

PROJECT LOCUS

APPROXIMATE SCALE: 1 IN = 2000 FT  
SEPTEMBER 2017

FIGURE 1

DRAFT



**APPENDIX A**

**Soil Boring Logs and Field Reports**

HALEY ALDRICH

## BORING LOG

BORING NO.

SB-01

Page 1 of

PROJECT	345 N. Montgomery St. Phase II						H&A FILE NO.	128730-019							
LOCATION	San Jose, CA						PROJECT MGR.	J. Grant							
CLIENT	TCC						FIELD REP.	E. Tickler							
CONTRACTOR	Penecore						DATE STARTED	8/31/17							
DRILLER	Juan Munoz						DATE FINISHED	8/31/17							
Elevation	ft.	Datum	Boring Location				PID Make / Model:	mini-Ras 2000.65							
Item	Casing	Sampler	Core Barrel	Rig Make & Model	Geoprobe 6712 DT				Hammer Type	Drilling Mud	Casing Advance				
Type				<input type="checkbox"/> Truck	<input type="checkbox"/> Tripod	<input type="checkbox"/> Cat-Head	<input type="checkbox"/> Safety	<input type="checkbox"/> Bentonite	Type Method Depth						
Inside Diameter (in.)	3	2		<input type="checkbox"/> ATV	<input checked="" type="checkbox"/> Geoprobe	<input type="checkbox"/> Winch	<input type="checkbox"/> Doughnut	<input type="checkbox"/> Polymer							
Hammer Weight (lb.)				<input type="checkbox"/> Track	<input type="checkbox"/> Air Track	<input type="checkbox"/> Roller Bit	<input checked="" type="checkbox"/> Automatic	<input type="checkbox"/> None							
Hammer Fall (in.)				<input type="checkbox"/> Skid	<input type="checkbox"/> Cutting Head										
Drilling Notes:															
Depth (ft.)	Sampler Blows per 6 in.	Sample No. & Recovery (in.)	Sample Depth (ft.)	Well Diagram	Stratum Change (ft.)	USCS Symbol	Visual-Manual Identification & Description (color, GROUP NAME & SYMBOL, maximum particle size*, structure, odor, moisture, optional descriptions, geologic interpretation)			Field Test					
							% Coarse	% Fine	% Coarse	% Medium	% Fine	Dilatancy	Toughness	Plasticity	Strength
0			1.5	0.0	0.5		0.1 asphalt Aggregate base					30	70		
				0.0	1.0		Brown Sandy silt					20	80		
				0.0	3.0		Very dark brown Sandy loam clay								
							Light brown poorly graded Sand with silt					40	40	20	
5				4.0	0.0		No recovery 5-8 ft								
10				12.0	0.0										
15					14.5		Brown clayey silt No recovery 15-17						10	90	
20					17	0.0	Brown silty Sand, wet 17-18						80	20	
25															
30															
Water Level Data							Sample ID	Well Diagram	Summary						
Date	Time	Elapsed Time (hr.)	Depth in feet to:			O Open End Rod	Riser Pipe	Overburden (Linear ft.)							
			Bottom of Casing	Bottom of Hole	Water			T Thin Wall Tube	Screen	Rock Cored (Linear ft.)					
						U Undisturbed Sample	Filter Sand	Number of Samples							
						S Split Spoon Sample	Cuttings								
						G Geoprobe	Grout								
							Concrete	BORING NO.							
							Bentonite Seal								
Field Tests			Dilatancy: R - Rapid S - Slow N - None			Plasticity: N - Nonplastic L - Low M - Medium H - High									
			Toughness: L - Low M - Medium H - High			Dry Strength: N - None L - Low M - Medium H - High V - Very High									
*NOTE: Maximum Particle Size is determined by direct observation within the limitations of sampler size.															
NOTE: Soil identifications based on visual-manual methods of the USCS system as practiced by Haley & Aldrich, Inc.															

HALEY ALDRICH

## BORING LOG

BORING NO.

SB-02

Page 1 of

PROJECT	345 N. Montgomery			H&A FILE NO.	12B730-019	
LOCATION	San Jose, CA			PROJECT MGR.	J. Grant	
CLIENT	TCC			FIELD REP.	E. Ticken	
CONTRACTOR	Penercone			DATE STARTED	9/1/17	
DRILLER	Juan Munoz			DATE FINISHED	9/1/17	

Elevation	ft.	Datum	Boring Location			PID Make / Model:	miniRae 2000.65	Casing Advance
Item	Casing	Sampler	Core Barrel	Rig Make & Model	Geoprobe 671ZDT	Hammer Type	Drilling Mud	Type Method Depth
Type				<input type="checkbox"/> Truck <input type="checkbox"/> Tripod	<input type="checkbox"/> Cat-Head	<input type="checkbox"/> Safety	<input type="checkbox"/> Bentonite	
Inside Diameter (in.)	3	2		<input checked="" type="checkbox"/> Geoprobe	<input type="checkbox"/> Winch	<input type="checkbox"/> Doughnut	<input type="checkbox"/> Polymer	
Hammer Weight (lb.)				<input type="checkbox"/> Air Track	<input type="checkbox"/> Roller Bit	<input checked="" type="checkbox"/> Automatic	<input checked="" type="checkbox"/> None	
Hammer Fall (in.)				<input type="checkbox"/> Skid	<input type="checkbox"/> Cutting Head			

Depth (ft.)	Sampler Blows per 6 in.	Sample No. & Recovery (in.)	Sample Depth (ft.)	Well Diagram (ppm)	Stratum Change (ft.)	USCS Symbol	Visual-Manual Identification & Description (color, GROUP NAME & SYMBOL, maximum particle size*, structure, odor, moisture, optional descriptions, geologic interpretation)		% Coarse	% Fine	% Coarse	% Medium	% Fine	Field Test		
														Dilatancy	Toughness	Plasticity
0	Hand Auger	0.5	0.0	1.0			Crushed chunks of brick									
		1.5	0.0				Very dark brown sandy clay							20	80	
5	5ft	5.0	0.0		4.0		Light brown clay with sand							10	90	
							Brown lean clay									
10		8.0	0.0				14.0 ft USA									
		12.0	0.0				moist at 12									
15		15.5	0.0	15			Brown silty sand, moist							80	10	
20		19.5	0.0	19.5			4 in layer of brownish gray fine sand							45	55	
							Gray lean clay							5	75	
							Boring Completed at 20 ft.									
25																
30																

Water Level Data						Sample ID	Well Diagram	Summary			
Date	Time	Elapsed Time (hr.)	Depth in feet to:			O Open End Rod	Riser Pipe	Overburden (Linear ft.)			
			Bottom of Casing	Bottom of Hole	Water			T Thin Wall Tube	Screen		
O Undisturbed Sample	S Split Spoon Sample	G Geoprobe						U Cuttings	F Filter Sand		
S								G Grout			
G								V Concrete			
								Bentonite Seal			
Field Tests	Dilatancy:	R - Rapid S - Slow N - None	Plasticity:	N - Nonplastic L - Low M - Medium H - High							
Toughness:	L - Low M - Medium H - High	Dry Strength:	N - None L - Low M - Medium H - High V - Very High								

\*NOTE: Maximum Particle Size is determined by direct observation within the limitations of sampler size.

NOTE: Soil identifications based on visual-manual methods of the USCS system as practiced by Haley &amp; Aldrich, Inc.

HALEY ALDRICH

## BORING LOG

BORING NO.

SB-03

Page 1 of 1

PROJECT LOCATION	345 N. Montgomery St. Phase II San Jose, CA				H&A FILE NO.	128730-019								
CLIENT	TCC				PROJECT MGR.	J. Grant								
CONTRACTOR	Denecon				FIELD REP.	E. Ticken								
DRILLER	Juan Munoz				DATE STARTED	9/1/17								
				DATE FINISHED	9/1/17									
Elevation	ft.	Datum	Boring Location		PID Make / Model:	Minirae 2000 65								
Item	Casing	Sampler	Core Barrel	Rig Make & Model	Geoprobe C712DT	Hammer Type	Drilling Mud	Casing Advance						
Type				<input type="checkbox"/> Truck	<input type="checkbox"/> Tripod	<input type="checkbox"/> Cat-Head	<input type="checkbox"/> Safety	<input type="checkbox"/> Bentonite						
Inside Diameter (in.)	3	7		<input type="checkbox"/> ATV	<input checked="" type="checkbox"/> Geoprobe	<input type="checkbox"/> Winch	<input type="checkbox"/> Doughnut	<input type="checkbox"/> Polymer						
Hammer Weight (lb.)				<input type="checkbox"/> Track	<input type="checkbox"/> Air Track	<input type="checkbox"/> Roller Bit	<input checked="" type="checkbox"/> Automatic	<input type="checkbox"/> None						
Hammer Fall (in.)				<input type="checkbox"/> Skid	<input type="checkbox"/>	<input type="checkbox"/> Cutting Head	Drilling Notes:							
Depth (ft.)	Sampler Blows per 6 in.	Sample No. & Recovery (in.)	Sample Depth (ft.)	Well Diagram	Stratum Change (ft.)	USCS Symbol	Visual-Manual Identification & Description (color, GROUP NAME & SYMBOL, maximum particle size*, structure, odor, moisture, optional descriptions, geologic interpretation)			Gravel	Sand	Field Test		
							% Coarse	% Fine	% Coarse	% Medium	% Fine	Dilatancy	Toughness	Plasticity Strength
0	Hand		1.0	0.0			Brown topsoil with roots							
	Auger		2.0	0.0 = 2.0			Grayish brown sandy clay							52075
5	5ft.		4.5	0.0	4.0	5.0	Light brown clay with sand							1585
							Brown lean clay							100
10			7.0	0.0			Brown sandy lean clay							3070
			11.0	0.0	11									
15			16.0	0.0	16		moist at 16 Brown silty sand							8022
20			20.0	0.0	19		thin layer of well graded sand @ 19.0 @ 19.1 Brown lean clay							3030355 1040
							End boring at 20 ft.							
25														
30														
Water Level Data							Sample ID	Well Diagram	Summary					
Date	Time	Elapsed Time (hr.)	Depth in feet to:			O Open End Rod T Thin Wall Tube U Undisturbed Sample S Split Spoon Sample G Geoprobe	<input type="checkbox"/> Riser Pipe <input type="checkbox"/> Screen <input type="checkbox"/> Filter Sand <input checked="" type="checkbox"/> Cuttings <input type="checkbox"/> Grout <input type="checkbox"/> Concrete <input type="checkbox"/> Bentonite Seal	Overburden (Linear ft.)						
			Bottom of Casing	Bottom of Hole	Water			Rock Cored (Linear ft.)						
							Number of Samples _____							
							BORING NO. _____							
Field Tests			Dilatancy: R - Rapid S - Slow N - None Toughness: L - Low M - Medium H - High			Plasticity: N - Nonplastic L - Low M - Medium H - High Dry Strength: N - None L - Low M - Medium H - High V - Very High								
*NOTE: Maximum Particle Size is determined by direct observation within the limitations of sampler size.														
NOTE: Soil identifications based on visual-manual methods of the USCS system as practiced by Haley & Aldrich, Inc.														

HALEY  
ALDRICH

## **BORING LOG**

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**BORING NO.**

SB-04

Page 1 of 1

PROJECT	345 N. Montgomery St. Phase II
LOCATION	San Jose, CA
CLIENT	TCC
CONTRACTOR	Denecon
DRILLER	Juan Munoz

**H&A FILE NO.**  
**PROJECT MGR.**  
**FIELD REP.**  
**DATE STARTED**  
**DATE FINISHED**

128730-019  
J. Grant  
E. Ticken  
8/31/17  
8/31/17

Elevation	ft.	Datum	Boring Location				PID Make / Model: <i>Mhi R2 2000, C5</i>		
Item	Casing	Sampler	Core Barrel	Rig Make & Model	<i>GeoProbe 6712 DT</i>		Hammer Type	Drilling Mud	Casing Advance
Type				<input type="checkbox"/> Truck	<input type="checkbox"/> Tripod	<input type="checkbox"/> Cat-Head	<input type="checkbox"/> Safety	<input type="checkbox"/> Bentonite	Type Method Depth
Inside Diameter (in.)	<i>3</i>	<i>2</i>		<input type="checkbox"/> ATV	<input checked="" type="checkbox"/> Geoprobe	<input type="checkbox"/> Winch	<input type="checkbox"/> Doughnut	<input type="checkbox"/> Polymer	
Hammer Weight (lb.)				<input type="checkbox"/> Track	<input type="checkbox"/> Air Track	<input type="checkbox"/> Roller Bit	<input checked="" type="checkbox"/> Automatic	<input type="checkbox"/> None	
Hammer Fall (in.)				<input type="checkbox"/> Skid	<input type="checkbox"/>	<input type="checkbox"/> Cutting Head	Drilling Notes:		

Hammer Fall (in.)		Grid		Cutting Head		Drilling Notes		Gravel		Sand		Field Test										
Depth (ft.)	Sampler Blows per 6 in.	Sample No. & Recovery (in.)	Sample Depth (ft.)	(rpm) Well Diagram	Stratum Change (ft.)	USCS Symbol	Visual-Manual Identification & Description (color, GROUP NAME & SYMBOL, maximum particle size*, structure, odor, moisture, optional descriptions, geologic interpretation)						% Coarse	% Fine	% Coarse	% Medium	% Fine	% Fines	Dilatancy	Toughness	Plasticity	Strength
0	Hand Auger	0.0	0.0	0.0	0.5		1 in gravel surface cover Aggregate base Brown sandy silt, piece of copper tubing Pieces of brick @ 0.7											30	70			
5	5 ft	3.0	3.0	0.0	3.0		Very dark brown sandy lean clay, dry											10	80			
10				0.0	5.0		Well graded sand with silt, 1/4" gravel Brown										15	25	20	20	20	
15				6.5	9.0		Brown lean clay											100				
20				11.0	0.0		Wet at 11-15															
25				15.0	0.0		no recovery 12-15															
30				18.2	18.0		wet 15-18															
				18.0	18.0		Dark gray clayey silt, wet															
				19.0	20		Dark gray silty sand, moist											75	25			
				21	21		Brown lean clay											100				
				22	22		Dark gray silty sand, wet											75	25			
				23	23		Dark gray lean clay											100				
				24	24		Dark gray silty sand, wet											75	25			
				29.5	29.5		Very dark gray silty lean clay											5	10	5		
				30.0	0.0		No recovery 25-29.5. Driller reports very soft conditions and recovery 15-29.5-30.0															
							Brown well graded sand with 2.1+											20	30	30	20	

Water Level Data						Sample ID	Well Diagram	Summary
Date	Time	Elapsed Time (hr.)	Depth in feet to:			O Open End Rod T Thin Wall Tube U Undisturbed Sample S Split Spoon Sample G Geoprobe	Riser Pipe Screen Filter Sand Cuttings Grout Concrete Bentonite Seal	Overburden (Linear ft.) Rock Cored (Linear ft.) Number of Samples  <b>BORING NO.</b>
			Bottom of Casing	Bottom of Hole	Water			

**Field Tests** Dilatancy: R - Rapid S - Slow N - None  
Toughness: L - Low M - Medium H - High

Plasticity: N - Nonplastic L - Low M - Medium H - High  
Dr. Strength: N - Nonplastic L - Low M - Medium H - High

Dry Strength: N - None L - Low M - Medium H - High V

**\*NOTE: Maximum Particle Size is determined by direct observation within the limitations of sampler size.**

HALEY ALDRICH

## BORING LOG

BORING NO.

SB-05

Page 1 of 1

PROJECT	345 N. Montgomery St. Phase II					H&A FILE NO.	128730-019							
LOCATION	San Jose, CA					PROJECT MGR.	J. Grant							
CLIENT	TCC					FIELD REP.	E. Tidwell							
CONTRACTOR	Perecome					DATE STARTED	8/13/17							
DRILLER	Juan Munoz					DATE FINISHED	8/13/17							
Elevation	ft.	Datum	Boring Location			PID Make / Model:	Min-Rae 7000.65							
Item	Casing	Sampler	Core Barrel	Rig Make & Model			Hammer Type	Drilling Mud	Casing Advance					
Type				<input type="checkbox"/> Truck	<input type="checkbox"/> Tripod	<input type="checkbox"/> Cat-Head	<input type="checkbox"/> Safety	<input type="checkbox"/> Bentonite	Type Method Depth					
Inside Diameter (in.)				<input type="checkbox"/> ATV	<input type="checkbox"/> Geoprobe	<input type="checkbox"/> Winch	<input type="checkbox"/> Doughnut	<input type="checkbox"/> Polymer						
Hammer Weight (lb.)				<input type="checkbox"/> Track	<input type="checkbox"/> Air Track	<input type="checkbox"/> Roller Bit	<input type="checkbox"/> Automatic	<input type="checkbox"/> None						
Hammer Fall (in.)				<input type="checkbox"/> Skid	<input type="checkbox"/> Cutting Head		Drilling Notes:							
Depth (ft.)	Sampler Blows per 6 in.	Sample No. & Recovery (in.)	Sample Depth (ft.)	PID Well Diagram (ppm)	Stratum Change (ft.)	USCS Symbol	Visual-Manual Identification & Description (color, GROUP NAME & SYMBOL, maximum particle size*, structure, odor, moisture, optional descriptions, geologic interpretation)			Gravel	Sand		Field Test	
							% Coarse	% Fine	% Coarse	% Medium	% Fine	% Fines	Dilatancy	
0	Hand Auger				0.5		1 in gravel surface cover						20 70	
	to 5 ft			(3.0)	0.0	3.0	Aggregate base						20 80	
				(5.0)	5.0		Brown Sandy Silt							
							Very dark brown sandy lean clay, dry							
							End boring at 5.0 ft.							
Water Level Data						Sample ID	Well Diagram	Summary						
Date	Time	Elapsed Time (hr.)	Depth in feet to:			O Open End Rod	Riser Pipe	Overburden (Linear ft.)						
			Bottom of Casing	Bottom of Hole	Water								T Thin Wall Tube	Screen
						U Undisturbed Sample	Filter Sand	Rock Cored (Linear ft.)						
						S Split Spoon Sample	Cuttings							
						G Geoprobe	Grout	Number of Samples						
							Concrete							
							Bentonite Seal	BORING NO.						
Field Tests			Dilatancy: R - Rapid S - Slow N - None			Plasticity:	N - Nonplastic	L - Low	M - Medium	H - High				
			Toughness: L - Low M - Medium H - High			Dry Strength:	N - None	L - Low	M - Medium	H - High	V - Very High			
*NOTE: Maximum Particle Size is determined by direct observation within the limitations of sampler size.														
NOTE: Soil identifications based on visual-manual methods of the USCS system as practiced by Haley & Aldrich, Inc.														



## **BORING LOG**

**BORING NO.**

SB-06

Page 1 of

PROJECT	345 N Montgomery Phase II
LOCATION	San Jose, CA
CLIENT	JCC
CONTRACTOR	Perezcone
DRILLER	Juan Munoz

**H&A FILE NO.**  
**PROJECT MGR.**  
**FIELD REP.**  
**DATE STARTED**  
**DATE FINISHED**

128730-19  
J. Grant  
E. Ticker  
8/31/17  
8/31/17

Elevation		ft.	Datum	Boring Location				PID Make / Model: miniRae 200.65				
Item	Casing	Sampler	Core Barrel	Rig Make & Model				Hammer Type	Drilling Mud	Casing Advance		
Type				<input type="checkbox"/> Truck	<input type="checkbox"/> Tripod	<input type="checkbox"/> Cat-Head	<input type="checkbox"/> Safety	<input type="checkbox"/> Bentonite	Type Method Depth			
Inside Diameter (in.)				<input type="checkbox"/> ATV	<input type="checkbox"/> Geoprobe	<input type="checkbox"/> Winch	<input type="checkbox"/> Doughnut	<input type="checkbox"/> Polymer				
Hammer Weight (lb.)				<input type="checkbox"/> Track	<input type="checkbox"/> Air Track	<input type="checkbox"/> Roller Bit	<input type="checkbox"/> Automatic	<input type="checkbox"/> None				
Hammer Fall (in.)				<input type="checkbox"/> Skid	<input type="checkbox"/>	<input type="checkbox"/> Cutting Head			Drilling Notes:			
Depth (ft.)	Sampler Blows per 6 in.	Sample No. & Recovery (in.)	Sample Depth (ft.)	PID Well Diagram (ppm)	Stratum Change (ft.)	USCS Symbol	Visual-Manual Identification & Description (color, GROUP NAME & SYMBOL, maximum particle size*, structure, odor, moisture, optional descriptions, geologic interpretation)					
0	Hand Auger	1.0	1.0	0.0 - 1.0	0.5		1 in. gravel / surface cover 0.5 Aggregate base Brown sandy silt very dark brown sandy lean clay					
5 ft		4	2.0	0.0	3.5		Brown well graded sand with silt and gravel 1/8" - 2" small chunks of brick < 1/8"					
		5	5.0	0.0			End boring at 5ft					
							% Coarse	% Fine	% Coarse	% Medium		
									% Fines			
									Dilatancy	Toughness		
									Plasticity	Strength		

HALEY ALDRICH

## BORING LOG

BORING NO.

SB-07

Page 1 of 1

PROJECT LOCATION  
CLIENT CONTRACTOR DRILLER

345 N. Montgomery Phase II  
San Jose, CA  
JCC  
Penecore  
Juan Munoz

H&A FILE NO.  
PROJECT MGR.  
FIELD REP.  
DATE STARTED  
DATE FINISHED

128730-019  
J. Grant  
E. Ticken  
8/31/17  
8/31/17

Boring Location								PID Make / Model:	Casing Advance							
Elevation	ft.	Datum	Item	Casing	Sampler	Core Barrel	Rig Make & Model	Hammer Type	Drilling Mud	Type Method Depth	Hammer	Bentonite	Polymer	None		
Type																
Inside Diameter (in.)																
Hammer Weight (lb.)																
Hammer Fall (in.)																
0	Hand Auger to 5ft		Sample No. & Recovery (in.)	1.0	Well Diagram (PPM)	0.0	Stratum Change (ft.)	0.5	USCS Symbol	Visual-Manual Identification & Description (color, GROUP NAME & SYMBOL, maximum particle size*, structure, odor, moisture, optional descriptions, geologic interpretation)	% Coarse	% Fine	% Coarse	% Medium	% Fine	Field Test
								1.5		1 in gravel surface cover Aggregate base Brown well graded sand with gravel - small metallic debris - wire shims Very dark brown sandy lean clay	20	25	15	20	20	5
								3.5		Brown well graded sand with H 5 15 20 20 20 20 and gravel 1/8" to 2"	30	70				
										End boring at 5ft						

Water Level Data			Depth in feet to:			Sample ID		Well Diagram		Summary																
Date	Time	Elapsed Time (hr.)	Bottom of Casing	Bottom of Hole	Water	O	Open End Rod	Riser Pipe	Overburden (Linear ft.)																	
						T	Thin Wall Tube	Screen	Rock Cored (Linear ft.)																	
						U	Undisturbed Sample	Filter Sand	Number of Samples																	
						S	Split Spoon Sample	Cuttings																		
						G	Geoprobe	Grout																		
								Concrete	BORING NO.																	
								Bentonite Seal																		
Field Tests			Dilatancy: R - Rapid S - Slow N - None			Plasticity: N - Nonplastic L - Low M - Medium H - High																				
Toughness: L - Low M - Medium H - High			Dry Strength: N - None L - Low M - Medium H - High V - Very High																							
*NOTE: Maximum Particle Size is determined by direct observation within the limitations of sampler size.																										
NOTE: Soil identifications based on visual-manual methods of the USCS system as practiced by Haley & Aldrich, Inc.																										

HALEY ALDRICH

## BORING LOG

BORING NO.

SB-08

Page 1 of 1

PROJECT	345 N. Montgomery St. Phase II				H&A FILE NO.	128730-019									
LOCATION	San Jose, CA				PROJECT MGR.	J. Grant									
CLIENT	TCC				FIELD REP.	E. Ticken									
CONTRACTOR	Perencore				DATE STARTED	8/31/17									
DRILLER	Juan Muñoz				DATE FINISHED	8/31/17									
Elevation	ft.	Datum	Boring Location			PID Make / Model:	minilac 2000.65								
Item	Casing	Sampler	Core Barrel	Rig Make & Model			Hammer Type	Drilling Mud	Casing Advance						
Type				<input type="checkbox"/> Truck	<input type="checkbox"/> Tripod	<input type="checkbox"/> Cat-Head	<input type="checkbox"/> Safety	<input type="checkbox"/> Bentonite	Type Method Depth						
Inside Diameter (in.)				<input type="checkbox"/> ATV	<input type="checkbox"/> Geoprobe	<input type="checkbox"/> Winch	<input type="checkbox"/> Doughnut	<input type="checkbox"/> Polymer							
Hammer Weight (lb.)				<input type="checkbox"/> Track	<input type="checkbox"/> Air Track	<input type="checkbox"/> Roller Bit	<input type="checkbox"/> Automatic	<input type="checkbox"/> None							
Hammer Fall (in.)				<input type="checkbox"/> Skid	<input type="checkbox"/> Cutting Head	Drilling Notes:									
Depth (ft.)	Sampler Blows per 6 in.	Sample No. & Recovery (in.)	Sample Depth (ft.)	PID Well Diagram (PPm)	Stratum Change (ft.)	USCS Symbol	Visual-Manual Identification & Description (color, GROUP NAME & SYMBOL, maximum particle size*, structure, odor, moisture, optional descriptions, geologic interpretation)			Gravel	Sand	Field Test			
							% Coarse	% Fine	% Coarse	% Medium	% Fine	Dilatancy	Toughness	Plasticity	Strength
0	Hand Auger to 5 ft.	1.5	0.0	0.5 1.0	3.5		1 in gravel surface cover Aggregate base Brown well graded Sand with gravel Very dark brown sandy lean clay chunks of brick and pink chunks present Found piece of rusted metal.			20	25	15	70	25	30
		5.0	0.0				Brown well graded sand with silt + silty sand			20	80	20	20	40	
							End boring at 5ft.								
Water Level Data						Sample ID	Well Diagram	Summary							
Date	Time	Elapsed Time (hr.)	Depth in feet to:			O Open End Rod T Thin Wall Tube U Undisturbed Sample S Split Spoon Sample G Geoprobe	Riser Pipe Screen Filter Sand Cuttings Grout Concrete Bentonite Seal	Overburden (Linear ft.) Rock Cored (Linear ft.) Number of Samples							
			Bottom of Casing	Bottom of Hole	Water										
								BORING NO.							
Field Tests			Dilatancy: R - Rapid S - Slow N - None Toughness: L - Low M - Medium H - High			Plasticity: N - Nonplastic L - Low M - Medium H - High Dry Strength: N - None L - Low M - Medium H - High V - Very High									
*NOTE: Maximum Particle Size is determined by direct observation within the limitations of sampler size.															
NOTE: Soil identifications based on visual-manual methods of the USCS system as practiced by Haley & Aldrich, Inc.															

HALEY ALDRICH

## BORING LOG

BORING NO.

SB-09

Page 1 of

PROJECT LOCATION	345 N. Montgomery St. Phase II San Jose, CA				H&A FILE NO.	128730-019							
CLIENT	TCC				PROJECT MGR.	J. Grant							
CONTRACTOR	Pencore				FIELD REP.	E. T. Baker							
DRILLER	Juan Munoz				DATE STARTED	9/31/17							
				DATE FINISHED	8/31/17								
Elevation	ft.	Datum	Boring Location			PID Make / Model:	mini-Rae 7,000, 65						
Item	Casing	Sampler	Core Barrel	Rig Make & Model			Hammer Type	Drilling Mud	Casing Advance				
Type				□ Truck	□ Tripod	□ Cat-Head	□ Safety	□ Bentonite	Type Method Depth				
Inside Diameter (in.)				□ ATV	□ Geoprobe	□ Winch	□ Doughnut	□ Polymer					
Hammer Weight (lb.)				□ Track	□ Air Track	□ Roller Bit	□ Automatic	□ None					
Hammer Fall (in.)				□ Skid	□ Cutting Head	Drilling Notes:							
Depth (ft.)	Sampler Blows per 6 in.	Sample No. & Recovery (in.)	Sample Depth (ft.)	PID Well Diagram (ppm)	Stratum Change (ft.)	USCS Symbol	Visual-Manual Identification & Description (color, GROUP NAME & SYMBOL, maximum particle size*, structure, odor, moisture, optional descriptions, geologic interpretation)			Gravel	Sand	Field Test	
							% Coarse	% Fine	% Coarse	% Medium	% Fine	Dilatancy	
0	Hand Auger to 5 ft.			2.5	0.0		0.4	1.0	Asphalt				
							1.5	Aggregate base					
							2.0	Orange-brown base soil					
							2.5	Aggregate base					
							3.0	Brown sandy silt					
							4.5	Very dark brown sandy loam clay					
							5.0	Brown well graded silty sand	20	20	20	40	
Water Level Data							Sample ID	Well Diagram	Summary				
Date	Time	Elapsed Time (hr.)	Depth in feet to:			O Open End Rod	Riser Pipe	Overburden (Linear ft.)					
			Bottom of Casing	Bottom of Hole	Water	T Thin Wall Tube	Screen	Rock Cored (Linear ft.)					
						U Undisturbed Sample	Filter Sand	Number of Samples					
						S Split Spoon Sample	Cuttings						
						G Geoprobe	Grout						
							Concrete						
							Bentonite Seal	BORING NO.					
Field Tests			Dilatancy: R - Rapid S - Slow N - None			Plasticity: N - Nonplastic	L - Low	M - Medium	H - High				
			Toughness: L - Low M - Medium H - High			Dry Strength: N - None	L - Low	M - Mediuim	H - High	V - Very High			
*NOTE: Maximum Particle Size is determined by direct observation within the limitations of sampler size.													
NOTE: Soil identifications based on visual-manual methods of the USCS system as practiced by Haley & Aldrich, Inc.													

## DAILY FIELD REPORT

Page 1 of 2

PROJECT	TCC Assemblage Phase II Borings	H&A FILE NO.	128730
LOCATION	345 N. Montgomery St., San Jose, CA	PROJECT MGR	Jason Grant
CLIENT	TCC	REPORT NO.	1
CONTRACTOR	PeneCore Drilling	DATE	8/31/17
WEATHER	Sunny, hot	TEMPERATURE	90°

0700	Arrived onsite. Met Sergio for utility clearance.
1000	Utility clearance completed. Drillers scheduled to arrive 6:30 - 11 AM.
1100	Drill crew arrived onsite.
1120	Talked with Ron Z. w/ Fleetwork. We will park trailer and store drums along west fence at SB-05 area. Tailgate safety meeting.
1210	SB-04 Hand augered to 5 feet. Collected soil sample from 3.0 feet.
1220	Wet clay encountered at 11 feet bgs. Wait 5 mins to see how much water there is. Begin hand augering SB-05.
1250	Drilled SB-04 to 25 feet bgs. Interbedded zones of sand, silt and clay, wet from 21-22 and 23-24. Will wait for water to recharge and attempt sample.
1255	Collect SB-05 soil sample at 3.0 ft.
1300	Collect SB-05 soil sample at 5.0 ft
1320	Not enough water to collect GW sample at SB-04. Will drill to 30 ft bgs.
1340	Collect SB-04 Soil Sample at 21 ft bgs. Limited recovery at SB-04 25-29. 3 ft bgs, dry. Placed PVC at SB-04 and will start next boring to wait for water.
1410	Began hand auger at SB-06. Circus Ice Cream left fenced areas open for us for SB-08 and SB-07 and we are to close perimeter when completed. They prefer we complete this afternoon during off-hours.
1415	Began hand auger at SB-01
1425	Hand auger at SB-01 completed. Collected soil sample at 1.5 ft bgs. Begin direct push
1440	SB-01 drilled to 20 ft. Wet at 17 feet in silty sand, will attempt GW sample. No water at SB-04, will grout after completing SB-01.
1455	Collected soil sample at SB-01 @ 17 ft.
1500	Collected GW sample at SB-01, screen 15-20 ft. Hand Augering begins at SB-06 - SB-09.

Field Representative(s)  
E. Ticken

Time on site  
0700 - 1700

Report/Travel/Other  
2.5

Total hours  
12.5

Distribution:



Haley & Aldrich, Inc.

## DAILY FIELD REPORT

Page 2 of 2

PROJECT	TCC Assemblage Phase II Borings	H&A FILE NO.	128730
LOCATION	345 N. Montgomery St., San Jose, CA	PROJECT MGR	Jason Grant
CLIENT	TCC	REPORT NO.	1
CONTRACTOR	PeneCore Drilling	DATE	8/31/17
WEATHER		TEMPERATURE	

1535 Collected soil samples at SB-06 at 1.0 and 5.0 ft.  
1555 Collected soil samples at SB-07 at 1.0 and 5.0 ft.  
1615 Collected soil samples at SB-08 at 1.5 and 5.0 ft.  
1630 Collected soil samples at SB-09 at 2.5 and 5.0 ft.  
1700 All 7 DBs from today were grouted and patched  
at the surface with concrete. Left site

Field Representative(s)	Time on site	Report/Travel/Other	Total hours
Distribution:			

Haley &amp; Aldrich, Inc.

## DAILY FIELD REPORT

Page 1 of 1

PROJECT	TCC Assemblage Phase II Borings	H&A FILE NO.	128730
LOCATION	345 N. Montgomery St., San Jose, CA	PROJECT MGR	Jason Grant
CLIENT	TCC	REPORT NO.	2
CONTRACTOR	PeneCore Drilling	DATE	9/11/17
WEATHER	sunny, hot	TEMPERATURE	90°

- 0700 Arrived onsite. Tailgate HHS meeting.  
 0720 SB-02 hand augered to 5ft bgs. collected sample at 1.5 feet (soil)  
 0740 SB-07 drilled to 20ft. moist soil, check for water by placing PVC in hole.  
 0750 Collected Soil Sample at SB-02 at 15.5 ft.  
 SB-03 hand augered to 5 ft bgs.  
 0800 Collected soil sample at SB-03 at 2.0 ft.  
 0820 Collected soil sample at SB-03 at 16 ft.  
 Boring drilled to 20 ft bgs.  
 0830 Collected GW sample at SB-02.  
 0900 Collected GW sample at SB-03. Begin wrapping up site and grouting SB-02 and SB-03.  
 0930 Collected IDW sample from 55-gal soil drum, 1 drum generated.  
 1000 Verified SB today were grouted and restored to existing surface condition. Site cleanup of trash and debris, left site.

Field Representative(s)	Time on site	Report/Travel/Other	Total hours
E. Ticken	0700 - 1000	2	6
Distribution:			

Haley &amp; Aldrich, Inc.

**APPENDIX B**

**Laboratory Reports**

# 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: 720-81635-1

Client Project/Site: 345 North Montgomery

Revision: 1

**For:**

Haley & Aldrich, Inc.

2033 North Main Street

Suite 309

Walnut Creek, California 94596

Attn: Jason Grant



Authorized for release by:

9/8/2017 1:08:02 PM

Micah Smith, Project Manager II

(916)374-4302

[micah.smith@testamericainc.com](mailto:micah.smith@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.

# Table of Contents

Cover Page . . . . .	1
Table of Contents . . . . .	2
Definitions/Glossary . . . . .	3
Case Narrative . . . . .	4
Detection Summary . . . . .	6
Client Sample Results . . . . .	15
Surrogate Summary . . . . .	95
QC Sample Results . . . . .	100
QC Association Summary . . . . .	155
Lab Chronicle . . . . .	165
Certification Summary . . . . .	174
Method Summary . . . . .	175
Sample Summary . . . . .	176
Chain of Custody . . . . .	177
Receipt Checklists . . . . .	182

# Definitions/Glossary

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

## Qualifiers

### GC/MS VOA

Qualifier	Qualifier Description
*	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.
*	LCS or LCSD is outside acceptance limits.

### 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	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
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 (Radiochemistry)
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: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

## Job ID: 720-81635-1

### Laboratory: TestAmerica Pleasanton

#### Narrative

#### Job Narrative 720-81635-1

#### Comments

As requested, this report was revised on 9/8/17 to report the 8270C and the 8260B to the MDL.

#### Receipt

The samples were received on 9/1/2017 5:00 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 1.5° C and 1.8° C.

#### Receipt Exceptions

The Terra cores and the 8oz jar did not have sample ID's on the containers for sample SB-01-SO-17 (720-81635-6); all vials and 8oz jars were received in the same Ziploc bag and were labeled accordingly. The Terra cores vials only for sample SB-06-SO-5.0 (720-81635-9) did not have sample ID's but were received in the same Ziploc bag as the 8oz jar and were labeled accordingly. This bag also had melting ice in it, which caused the tared preweight labels to slide around on the vials.

#### GC/MS VOA

Method(s) 8260B: The laboratory control sample duplicate (LCSD) for analytical batch 720-229485 recovered outside control limits for the following analytes: Hexachlorobutadiene. These analytes were biased high in the LCSD 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 were outside control limits: SB-04-SO-3.0 (720-81635-1), SB-05-SO-3.0 (720-81635-2), SB-04-SO-21 (720-81635-4), SB-06-SO-5.0 (720-81635-9), SB-09-SO-2.5 (720-81635-14), SB-02-SO-1.5 (720-81635-16) and SB-03-SO-16 (720-81635-19). The samples were re-extracted and/or re-analyzed with concurring results, and the second set of data has been reported.

Method(s) 8260B: The following volatile sample was analyzed with significant headspace in the sample Container(s): SB-03-GW-15-20 (720-81635-21). Significant headspace is defined as a bubble greater than 6 mm in diameter.

Method(s) 8260B: The following sample(s) were collected in properly preserved vials for analysis of volatile organic compounds (VOCs). However, the pH was outside the required criteria when verified by the laboratory, and corrective action was not possible: SB-02-GW-15-20 (720-81635-20) and SB-03-GW-15-20 (720-81635-21). Samples were analyzed within 7 days of collection per EPA recommendation.

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 following samples was diluted due to the abundance of non-target analytes: SB-05-SO-3.0 (720-81635-2), SB-06-SO-5.0 (720-81635-9), SB-07-SO-1.0 (720-81635-10), SB-08-SO-1.5 (720-81635-12), SB-09-SO-2.5 (720-81635-14) and SB-02-SO-1.5 (720-81635-16). 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.

#### GC Semi VOA

Method(s) 8082: The following sample(s) contained more than one Aroclor with insufficient separation to quantify individually. The PCBs present are quantified as the predominant Aroclor: SB-06-SO-5.0 (720-81635-9).

Method(s) 8082: The following samples required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: SB-04-SO-3.0 (720-81635-1), SB-05-SO-3.0 (720-81635-2), SB-05-SO-5.0 (720-81635-3), SB-01-SO-1.5 (720-81635-5), SB-06-SO-1.0 (720-81635-8), SB-06-SO-5.0 (720-81635-9), SB-07-SO-1.0 (720-81635-10), SB-07-SO-5.0 (720-81635-11), SB-08-SO-1.5 (720-81635-12), SB-08-SO-5.0 (720-81635-13), SB-09-SO-2.5 (720-81635-14), SB-09-SO-5.0 (720-81635-15), SB-02-SO-1.5 (720-81635-16), SB-03-SO-2.0 (720-81635-17), (LCS 720-229537/2-A), (LCSD 720-229537/3-A) and (MB 720-229537/1-A).

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

#### Metals

## Case Narrative

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

### Job ID: 720-81635-1 (Continued)

#### Laboratory: TestAmerica Pleasanton (Continued)

Method(s) 3005A: The following samples requested dissolved metals and were not filtered in the field. A 1 liter unpreserved amber container was used to the filtering: SB-01-GW-15-20 (720-81635-7), SB-02-GW-15-20 (720-81635-20), SB-03-GW-15-20 (720-81635-21), (720-81635-I-7-A MS) and (720-81635-I-7-A MSD). These samples were filtered and preserved upon receipt to the laboratory.

Method(s) 6010B: The following samples was diluted due to the abundance of non-target analytes: SB-04-SO-3.0 (720-81635-1), SB-05-SO-3.0 (720-81635-2), SB-05-SO-5.0 (720-81635-3), SB-04-SO-21 (720-81635-4), SB-01-SO-1.5 (720-81635-5), SB-01-SO-17 (720-81635-6), SB-06-SO-1.0 (720-81635-8), SB-06-SO-5.0 (720-81635-9), SB-07-SO-1.0 (720-81635-10), SB-07-SO-5.0 (720-81635-11), SB-08-SO-1.5 (720-81635-12), SB-08-SO-5.0 (720-81635-13), SB-09-SO-2.5 (720-81635-14), SB-09-SO-5.0 (720-81635-15), SB-02-SO-1.5 (720-81635-16), SB-03-SO-2.0 (720-81635-17), SB-02-SO-15.5 (720-81635-18) and SB-03-SO-16 (720-81635-19). Elevated reporting limits (RLs) are provided.

Method(s) 7470A: The following samples requested dissolved metals and were not filtered in the field. A 1 liter unpreserved amber container was used to the filtering: SB-01-GW-15-20 (720-81635-7), SB-02-GW-15-20 (720-81635-20), SB-03-GW-15-20 (720-81635-21), (720-81635-I-20-A MS) and (720-81635-I-20-A MSD). These samples were filtered and preserved upon receipt to the laboratory.

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

Method(s) 3510C: EPA 8015B: A matrix spike/matrix spike duplicate was not included because insufficient sample volume was available.

Method(s) 3546: EPA 8082: A matrix spike/matrix spike duplicate was not included because insufficient sample volume was available.

Method(s) 3546: EPA 8015B: A matrix spike/matrix spike duplicate was not included because insufficient sample volume was available.

Method(s) 3546: EPA 8270C: A matrix spike/matrix spike duplicate was not included because insufficient sample volume was available

Method(s) 3510C: EPA 8270C: A matrix spike/matrix spike duplicate was not included because insufficient sample volume was available.

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

# Detection Summary

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

**Client Sample ID: SB-04-SO-3.0**

**Lab Sample ID: 720-81635-1**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluorene	0.0043	J	0.067	0.0040	mg/Kg	1		8270C	Total/NA
Phenanthrene	0.012	J	0.067	0.0046	mg/Kg	1		8270C	Total/NA
Fluoranthene	0.019	J	0.067	0.0073	mg/Kg	1		8270C	Total/NA
Pyrene	0.021	J	0.067	0.0038	mg/Kg	1		8270C	Total/NA
Bis(2-ethylhexyl) phthalate	0.037	J	0.33	0.0066	mg/Kg	1		8270C	Total/NA
Benzo[b]fluoranthene	0.025	J	0.067	0.0094	mg/Kg	1		8270C	Total/NA
Benzo[a]pyrene	0.032	J	0.067	0.0066	mg/Kg	1		8270C	Total/NA
Indeno[1,2,3-cd]pyrene	0.030	J	0.067	0.013	mg/Kg	1		8270C	Total/NA
Benzo[g,h,i]perylene	0.021	J	0.067	0.020	mg/Kg	1		8270C	Total/NA
Benzoic acid	0.046	J	0.33	0.034	mg/Kg	1		8270C	Total/NA
Dibenz(a,h)anthracene	0.025	J	0.067	0.015	mg/Kg	1		8270C	Total/NA
Diesel Range Organics [C10-C28]	38		1.0		mg/Kg	1		8015B	Total/NA
Motor Oil Range Organics [C24-C36]	99		50		mg/Kg	1		8015B	Total/NA
Barium	270		1.8		mg/Kg	4		6010B	Total/NA
Beryllium	0.55		0.36		mg/Kg	4		6010B	Total/NA
Chromium	54		1.8		mg/Kg	4		6010B	Total/NA
Cobalt	8.2		0.71		mg/Kg	4		6010B	Total/NA
Copper	110		5.4		mg/Kg	4		6010B	Total/NA
Lead	72		1.8		mg/Kg	4		6010B	Total/NA
Nickel	55		1.8		mg/Kg	4		6010B	Total/NA
Thallium	12		1.8		mg/Kg	4		6010B	Total/NA
Vanadium	46		1.8		mg/Kg	4		6010B	Total/NA
Zinc	230		5.4		mg/Kg	4		6010B	Total/NA
Mercury	0.12		0.015		mg/Kg	1		7471A	Total/NA

**Client Sample ID: SB-05-SO-3.0**

**Lab Sample ID: 720-81635-2**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluorene	0.0081	J	0.13	0.0080	mg/Kg	2		8270C	Total/NA
Phenanthrene	0.039	J	0.13	0.0092	mg/Kg	2		8270C	Total/NA
Fluoranthene	0.050	J	0.13	0.015	mg/Kg	2		8270C	Total/NA
Pyrene	0.049	J	0.13	0.0076	mg/Kg	2		8270C	Total/NA
Bis(2-ethylhexyl) phthalate	0.068	J	0.66	0.013	mg/Kg	2		8270C	Total/NA
Benzo[b]fluoranthene	0.047	J	0.13	0.019	mg/Kg	2		8270C	Total/NA
Benzo[a]pyrene	0.060	J	0.13	0.013	mg/Kg	2		8270C	Total/NA
Indeno[1,2,3-cd]pyrene	0.055	J	0.13	0.026	mg/Kg	2		8270C	Total/NA
Benzoic acid	0.096	J	0.66	0.068	mg/Kg	2		8270C	Total/NA
Dibenz(a,h)anthracene	0.046	J	0.13	0.030	mg/Kg	2		8270C	Total/NA
Diesel Range Organics [C10-C28]	63		0.99		mg/Kg	1		8015B	Total/NA
Motor Oil Range Organics [C24-C36]	170		50		mg/Kg	1		8015B	Total/NA
Barium	240		1.7		mg/Kg	4		6010B	Total/NA
Beryllium	0.41		0.35		mg/Kg	4		6010B	Total/NA
Cadmium	0.50		0.43		mg/Kg	4		6010B	Total/NA
Chromium	50		1.7		mg/Kg	4		6010B	Total/NA
Cobalt	6.6		0.70		mg/Kg	4		6010B	Total/NA
Copper	46		5.2		mg/Kg	4		6010B	Total/NA
Lead	230		1.7		mg/Kg	4		6010B	Total/NA
Nickel	52		1.7		mg/Kg	4		6010B	Total/NA
Thallium	9.7		1.7		mg/Kg	4		6010B	Total/NA
Vanadium	35		1.7		mg/Kg	4		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Pleasanton

# Detection Summary

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

## Client Sample ID: SB-05-SO-3.0 (Continued)

## Lab Sample ID: 720-81635-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Zinc	200		5.2		mg/Kg	4		6010B	Total/NA
Mercury	0.20		0.016		mg/Kg	1		7471A	Total/NA

## Client Sample ID: SB-05-SO-5.0

## Lab Sample ID: 720-81635-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	4.5		1.0		mg/Kg	1		8015B	Total/NA
Arsenic	4.5		3.1		mg/Kg	4		6010B	Total/NA
Barium	160		1.6		mg/Kg	4		6010B	Total/NA
Beryllium	0.61		0.31		mg/Kg	4		6010B	Total/NA
Chromium	88		1.6		mg/Kg	4		6010B	Total/NA
Cobalt	8.4		0.62		mg/Kg	4		6010B	Total/NA
Copper	27		4.7		mg/Kg	4		6010B	Total/NA
Lead	7.7		1.6		mg/Kg	4		6010B	Total/NA
Nickel	84		1.6		mg/Kg	4		6010B	Total/NA
Thallium	13		1.6		mg/Kg	4		6010B	Total/NA
Vanadium	52		1.6		mg/Kg	4		6010B	Total/NA
Zinc	56		4.7		mg/Kg	4		6010B	Total/NA
Mercury	0.032		0.016		mg/Kg	1		7471A	Total/NA

## Client Sample ID: SB-04-SO-21

## Lab Sample ID: 720-81635-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	7.1		1.0		mg/Kg	1		8015B	Total/NA
Arsenic	5.3		2.8		mg/Kg	4		6010B	Total/NA
Barium	140		1.4		mg/Kg	4		6010B	Total/NA
Beryllium	0.55		0.28		mg/Kg	4		6010B	Total/NA
Chromium	57		1.4		mg/Kg	4		6010B	Total/NA
Cobalt	10		0.56		mg/Kg	4		6010B	Total/NA
Copper	31		4.2		mg/Kg	4		6010B	Total/NA
Lead	6.3		1.4		mg/Kg	4		6010B	Total/NA
Nickel	69		1.4		mg/Kg	4		6010B	Total/NA
Selenium	3.9		2.8		mg/Kg	4		6010B	Total/NA
Thallium	12		1.4		mg/Kg	4		6010B	Total/NA
Vanadium	48		1.4		mg/Kg	4		6010B	Total/NA
Zinc	53		4.2		mg/Kg	4		6010B	Total/NA
Mercury	0.045		0.017		mg/Kg	1		7471A	Total/NA

## Client Sample ID: SB-01-SO-1.5

## Lab Sample ID: 720-81635-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	8.8		1.0		mg/Kg	1		8015B	Total/NA
Barium	250		1.5		mg/Kg	4		6010B	Total/NA
Beryllium	0.73		0.30		mg/Kg	4		6010B	Total/NA
Chromium	57		1.5		mg/Kg	4		6010B	Total/NA
Cobalt	7.4		0.61		mg/Kg	4		6010B	Total/NA
Copper	26		4.5		mg/Kg	4		6010B	Total/NA
Lead	11		1.5		mg/Kg	4		6010B	Total/NA
Nickel	50		1.5		mg/Kg	4		6010B	Total/NA
Thallium	10		1.5		mg/Kg	4		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Pleasanton

# Detection Summary

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

## Client Sample ID: SB-01-SO-1.5 (Continued)

## Lab Sample ID: 720-81635-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vanadium	40		1.5		mg/Kg	4		6010B	Total/NA
Zinc	49		4.5		mg/Kg	4		6010B	Total/NA
Mercury	0.089		0.015		mg/Kg	1		7471A	Total/NA

## Client Sample ID: SB-01-SO-17

## Lab Sample ID: 720-81635-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	13		1.0		mg/Kg	1		8015B	Total/NA
Arsenic	3.1		2.6		mg/Kg	4		6010B	Total/NA
Barium	94		1.3		mg/Kg	4		6010B	Total/NA
Beryllium	0.39		0.26		mg/Kg	4		6010B	Total/NA
Chromium	64		1.3		mg/Kg	4		6010B	Total/NA
Cobalt	8.1		0.52		mg/Kg	4		6010B	Total/NA
Copper	24		3.9		mg/Kg	4		6010B	Total/NA
Lead	4.8		1.3		mg/Kg	4		6010B	Total/NA
Nickel	62		1.3		mg/Kg	4		6010B	Total/NA
Thallium	13		1.3		mg/Kg	4		6010B	Total/NA
Vanadium	50		1.3		mg/Kg	4		6010B	Total/NA
Zinc	46		3.9		mg/Kg	4		6010B	Total/NA
Mercury	0.023		0.015		mg/Kg	1		7471A	Total/NA

## Client Sample ID: SB-01-GW-15-20

## Lab Sample ID: 720-81635-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.050		0.050		mg/L	1		6010B	Dissolved
Cobalt	0.0023		0.0020		mg/L	1		6010B	Dissolved
Lead	0.011		0.0050		mg/L	1		6010B	Dissolved
Selenium	0.079		0.020		mg/L	1		6010B	Dissolved

## Client Sample ID: SB-06-SO-1.0

## Lab Sample ID: 720-81635-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	2.7		1.0		mg/Kg	1		8015B	Total/NA
Arsenic	4.5		3.1		mg/Kg	4		6010B	Total/NA
Barium	560		1.6		mg/Kg	4		6010B	Total/NA
Beryllium	0.72		0.31		mg/Kg	4		6010B	Total/NA
Chromium	62		1.6		mg/Kg	4		6010B	Total/NA
Cobalt	12		0.62		mg/Kg	4		6010B	Total/NA
Copper	28		4.7		mg/Kg	4		6010B	Total/NA
Lead	8.6		3.9		mg/Kg	10		6010B	Total/NA
Molybdenum	4.0		1.6		mg/Kg	4		6010B	Total/NA
Nickel	87		1.6		mg/Kg	4		6010B	Total/NA
Vanadium	47		1.6		mg/Kg	4		6010B	Total/NA
Zinc	53		4.7		mg/Kg	4		6010B	Total/NA
Mercury	0.051		0.015		mg/Kg	1		7471A	Total/NA

## Client Sample ID: SB-06-SO-5.0

## Lab Sample ID: 720-81635-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.93	J	4.2	0.56	ug/Kg	1		8260B/CA_LUFT MS	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Pleasanton

# Detection Summary

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

## Client Sample ID: SB-06-SO-5.0 (Continued)

## Lab Sample ID: 720-81635-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Xylenes, Total	1.6	J	8.4	1.0	ug/Kg	1		8260B/CA_LUFT MS	Total/NA
Fluorene	0.045	J	0.67	0.040	mg/Kg	2		8270C	Total/NA
Phenanthrene	0.13	J	0.67	0.046	mg/Kg	2		8270C	Total/NA
Fluoranthene	0.19	J	0.67	0.073	mg/Kg	2		8270C	Total/NA
Pyrene	0.21	J	0.67	0.038	mg/Kg	2		8270C	Total/NA
Butyl benzyl phthalate	0.67	J	1.7	0.054	mg/Kg	2		8270C	Total/NA
Benzo[a]anthracene	0.19	J	3.3	0.18	mg/Kg	2		8270C	Total/NA
Bis(2-ethylhexyl) phthalate	0.56	J	3.3	0.066	mg/Kg	2		8270C	Total/NA
Benzo[b]fluoranthene	0.21	J	0.67	0.095	mg/Kg	2		8270C	Total/NA
Benzo[a]pyrene	0.31	J	0.67	0.066	mg/Kg	2		8270C	Total/NA
Indeno[1,2,3-cd]pyrene	0.28	J	0.67	0.13	mg/Kg	2		8270C	Total/NA
Diesel Range Organics [C10-C28]	180		7.5		mg/Kg	3		8015B	Total/NA
Motor Oil Range Organics [C24-C36]	610		370		mg/Kg	3		8015B	Total/NA
PCB-1254	230		49		ug/Kg	1		8082	Total/NA
Antimony	2.0		1.4		mg/Kg	4		6010B	Total/NA
Arsenic	7.4		2.7		mg/Kg	4		6010B	Total/NA
Barium	330		1.4		mg/Kg	4		6010B	Total/NA
Beryllium	0.33		0.27		mg/Kg	4		6010B	Total/NA
Cadmium	6.0		0.34		mg/Kg	4		6010B	Total/NA
Chromium	330		1.4		mg/Kg	4		6010B	Total/NA
Cobalt	27		0.55		mg/Kg	4		6010B	Total/NA
Copper	410		4.1		mg/Kg	4		6010B	Total/NA
Lead	330		1.4		mg/Kg	4		6010B	Total/NA
Molybdenum	6.7		1.4		mg/Kg	4		6010B	Total/NA
Nickel	410		1.4		mg/Kg	4		6010B	Total/NA
Selenium	4.5		2.7		mg/Kg	4		6010B	Total/NA
Thallium	14		1.4		mg/Kg	4		6010B	Total/NA
Vanadium	52		1.4		mg/Kg	4		6010B	Total/NA
Zinc	880		4.1		mg/Kg	4		6010B	Total/NA
Mercury	0.28		0.015		mg/Kg	1		7471A	Total/NA

## Client Sample ID: SB-07-SO-1.0

## Lab Sample ID: 720-81635-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Pyrene	0.035	J	0.33	0.019	mg/Kg	5		8270C	Total/NA
Bis(2-ethylhexyl) phthalate	0.18	J	1.6	0.033	mg/Kg	5		8270C	Total/NA
Benzo[a]pyrene	0.11	J	0.33	0.033	mg/Kg	5		8270C	Total/NA
Indeno[1,2,3-cd]pyrene	0.11	J	0.33	0.065	mg/Kg	5		8270C	Total/NA
Diesel Range Organics [C10-C28]	27		1.0		mg/Kg	1		8015B	Total/NA
Motor Oil Range Organics [C24-C36]	110		50		mg/Kg	1		8015B	Total/NA
Arsenic	3.1		2.5		mg/Kg	4		6010B	Total/NA
Barium	320		1.3		mg/Kg	4		6010B	Total/NA
Beryllium	0.29		0.25		mg/Kg	4		6010B	Total/NA
Cadmium	0.81		0.32		mg/Kg	4		6010B	Total/NA
Chromium	100		1.3		mg/Kg	4		6010B	Total/NA
Cobalt	15		0.51		mg/Kg	4		6010B	Total/NA
Copper	110		3.8		mg/Kg	4		6010B	Total/NA
Lead	220		1.3		mg/Kg	4		6010B	Total/NA
Molybdenum	1.4		1.3		mg/Kg	4		6010B	Total/NA
Nickel	150		1.3		mg/Kg	4		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Pleasonton

# Detection Summary

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

## Client Sample ID: SB-07-SO-1.0 (Continued)

## Lab Sample ID: 720-81635-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Thallium	22		1.3		mg/Kg	4		6010B	Total/NA
Vanadium	86		1.3		mg/Kg	4		6010B	Total/NA
Zinc	210		3.8		mg/Kg	4		6010B	Total/NA
Mercury	0.17		0.017		mg/Kg	1		7471A	Total/NA

## Client Sample ID: SB-07-SO-5.0

## Lab Sample ID: 720-81635-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Phenanthrene	0.0054	J	0.067	0.0046	mg/Kg	1		8270C	Total/NA
Diesel Range Organics [C10-C28]	1.0		1.0		mg/Kg	1		8015B	Total/NA
Arsenic	8.1		2.5		mg/Kg	4		6010B	Total/NA
Barium	870		1.3		mg/Kg	4		6010B	Total/NA
Beryllium	0.65		0.25		mg/Kg	4		6010B	Total/NA
Chromium	60		1.3		mg/Kg	4		6010B	Total/NA
Cobalt	18		0.51		mg/Kg	4		6010B	Total/NA
Copper	29		3.8		mg/Kg	4		6010B	Total/NA
Lead	5.5		3.2		mg/Kg	10		6010B	Total/NA
Molybdenum	4.7		1.3		mg/Kg	4		6010B	Total/NA
Nickel	61		1.3		mg/Kg	4		6010B	Total/NA
Vanadium	60		1.3		mg/Kg	4		6010B	Total/NA
Zinc	48		3.8		mg/Kg	4		6010B	Total/NA
Mercury	0.037		0.016		mg/Kg	1		7471A	Total/NA

## Client Sample ID: SB-08-SO-1.5

## Lab Sample ID: 720-81635-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	0.037	J	0.13	0.0096	mg/Kg	2		8270C	Total/NA
Acenaphthylene	0.098	J	0.13	0.011	mg/Kg	2		8270C	Total/NA
Fluorene	0.018	J	0.13	0.0080	mg/Kg	2		8270C	Total/NA
Phenanthrene	0.49		0.13	0.0092	mg/Kg	2		8270C	Total/NA
Anthracene	0.037	J	0.13	0.0086	mg/Kg	2		8270C	Total/NA
Fluoranthene	0.59		0.13	0.015	mg/Kg	2		8270C	Total/NA
Pyrene	0.70		0.13	0.0076	mg/Kg	2		8270C	Total/NA
Benzo[a]anthracene	0.15	J	0.66	0.036	mg/Kg	2		8270C	Total/NA
Bis(2-ethylhexyl) phthalate	0.074	J	0.66	0.013	mg/Kg	2		8270C	Total/NA
Chrysene	0.22		0.13	0.066	mg/Kg	2		8270C	Total/NA
Benzo[b]fluoranthene	0.33		0.13	0.019	mg/Kg	2		8270C	Total/NA
Benzo[a]pyrene	0.24		0.13	0.013	mg/Kg	2		8270C	Total/NA
Benzo[k]fluoranthene	0.082	J	0.13	0.028	mg/Kg	2		8270C	Total/NA
Indeno[1,2,3-cd]pyrene	0.20		0.13	0.026	mg/Kg	2		8270C	Total/NA
Benzo[g,h,i]perylene	0.24		0.13	0.040	mg/Kg	2		8270C	Total/NA
Dibenz(a,h)anthracene	0.072	J	0.13	0.030	mg/Kg	2		8270C	Total/NA
Diesel Range Organics [C10-C28]	31		1.0		mg/Kg	1		8015B	Total/NA
Motor Oil Range Organics [C24-C36]	84		50		mg/Kg	1		8015B	Total/NA
Antimony	1.7		1.1		mg/Kg	4		6010B	Total/NA
Arsenic	7.0		2.1		mg/Kg	4		6010B	Total/NA
Barium	380		1.1		mg/Kg	4		6010B	Total/NA
Beryllium	0.49		0.21		mg/Kg	4		6010B	Total/NA
Cadmium	0.72		0.26		mg/Kg	4		6010B	Total/NA
Chromium	57		1.1		mg/Kg	4		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Pleasanton

# Detection Summary

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

## Client Sample ID: SB-08-SO-1.5 (Continued)

## Lab Sample ID: 720-81635-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	9.2		0.42		mg/Kg	4		6010B	Total/NA
Copper	66		3.2		mg/Kg	4		6010B	Total/NA
Lead	250		1.1		mg/Kg	4		6010B	Total/NA
Nickel	68		1.1		mg/Kg	4		6010B	Total/NA
Thallium	13		1.1		mg/Kg	4		6010B	Total/NA
Vanadium	48		1.1		mg/Kg	4		6010B	Total/NA
Zinc	250		3.2		mg/Kg	4		6010B	Total/NA
Mercury	0.68		0.016		mg/Kg	1		7471A	Total/NA

## Client Sample ID: SB-08-SO-5.0

## Lab Sample ID: 720-81635-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Phenanthrene	0.0059	J	0.067	0.0046	mg/Kg	1		8270C	Total/NA
Bis(2-ethylhexyl) phthalate	0.044	J	0.33	0.0066	mg/Kg	1		8270C	Total/NA
Diesel Range Organics [C10-C28]	1.5		1.0		mg/Kg	1		8015B	Total/NA
Arsenic	4.4		3.1		mg/Kg	4		6010B	Total/NA
Barium	240		1.6		mg/Kg	4		6010B	Total/NA
Beryllium	0.52		0.31		mg/Kg	4		6010B	Total/NA
Chromium	52		1.6		mg/Kg	4		6010B	Total/NA
Cobalt	7.2		0.63		mg/Kg	4		6010B	Total/NA
Copper	19		4.7		mg/Kg	4		6010B	Total/NA
Lead	6.3		1.6		mg/Kg	4		6010B	Total/NA
Nickel	42		1.6		mg/Kg	4		6010B	Total/NA
Thallium	11		1.6		mg/Kg	4		6010B	Total/NA
Vanadium	41		1.6		mg/Kg	4		6010B	Total/NA
Zinc	35		4.7		mg/Kg	4		6010B	Total/NA
Mercury	0.072		0.015		mg/Kg	1		7471A	Total/NA

## Client Sample ID: SB-09-SO-2.5

## Lab Sample ID: 720-81635-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	0.019	J	0.13	0.0096	mg/Kg	2		8270C	Total/NA
Fluorene	0.0084	J	0.13	0.0080	mg/Kg	2		8270C	Total/NA
Phenanthrene	0.048	J	0.13	0.0092	mg/Kg	2		8270C	Total/NA
Fluoranthene	0.093	J	0.13	0.015	mg/Kg	2		8270C	Total/NA
Pyrene	0.089	J	0.13	0.0076	mg/Kg	2		8270C	Total/NA
Benzo[a]anthracene	0.044	J	0.66	0.036	mg/Kg	2		8270C	Total/NA
Benzo[b]fluoranthene	0.10	J	0.13	0.019	mg/Kg	2		8270C	Total/NA
Benzo[a]pyrene	0.078	J	0.13	0.013	mg/Kg	2		8270C	Total/NA
Benzo[k]fluoranthene	0.030	J	0.13	0.028	mg/Kg	2		8270C	Total/NA
Indeno[1,2,3-cd]pyrene	0.085	J	0.13	0.026	mg/Kg	2		8270C	Total/NA
Benzo[g,h,i]perylene	0.070	J	0.13	0.040	mg/Kg	2		8270C	Total/NA
Dibenz(a,h)anthracene	0.051	J	0.13	0.030	mg/Kg	2		8270C	Total/NA
Diesel Range Organics [C10-C28]	20		1.0		mg/Kg	1		8015B	Total/NA
Motor Oil Range Organics [C24-C36]	65		50		mg/Kg	1		8015B	Total/NA
Arsenic	6.3		2.9		mg/Kg	4		6010B	Total/NA
Barium	430		1.4		mg/Kg	4		6010B	Total/NA
Beryllium	0.61		0.29		mg/Kg	4		6010B	Total/NA
Cadmium	0.67		0.36		mg/Kg	4		6010B	Total/NA
Chromium	66		1.4		mg/Kg	4		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Pleasanton

# Detection Summary

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

## Client Sample ID: SB-09-SO-2.5 (Continued)

## Lab Sample ID: 720-81635-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	11		0.58		mg/Kg	4		6010B	Total/NA
Copper	35		4.3		mg/Kg	4		6010B	Total/NA
Lead	480		1.4		mg/Kg	4		6010B	Total/NA
Nickel	84		1.4		mg/Kg	4		6010B	Total/NA
Thallium	12		1.4		mg/Kg	4		6010B	Total/NA
Vanadium	48		1.4		mg/Kg	4		6010B	Total/NA
Zinc	240		4.3		mg/Kg	4		6010B	Total/NA
Mercury	2.2		0.15		mg/Kg	10		7471A	Total/NA

## Client Sample ID: SB-09-SO-5.0

## Lab Sample ID: 720-81635-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	1.1		0.99		mg/Kg	1		8015B	Total/NA
Arsenic	2.7		2.4		mg/Kg	4		6010B	Total/NA
Barium	280		1.2		mg/Kg	4		6010B	Total/NA
Beryllium	0.87		0.24		mg/Kg	4		6010B	Total/NA
Chromium	60		1.2		mg/Kg	4		6010B	Total/NA
Cobalt	8.4		0.48		mg/Kg	4		6010B	Total/NA
Copper	23		3.6		mg/Kg	4		6010B	Total/NA
Lead	7.0		1.2		mg/Kg	4		6010B	Total/NA
Nickel	56		1.2		mg/Kg	4		6010B	Total/NA
Thallium	13		1.2		mg/Kg	4		6010B	Total/NA
Vanadium	52		1.2		mg/Kg	4		6010B	Total/NA
Zinc	42		3.6		mg/Kg	4		6010B	Total/NA
Mercury	0.055		0.016		mg/Kg	1		7471A	Total/NA

## Client Sample ID: SB-02-SO-1.5

## Lab Sample ID: 720-81635-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Phenanthrene	0.032	J	0.13	0.0092	mg/Kg	2		8270C	Total/NA
Fluoranthene	0.062	J	0.13	0.015	mg/Kg	2		8270C	Total/NA
Pyrene	0.067	J	0.13	0.0076	mg/Kg	2		8270C	Total/NA
Benzo[a]anthracene	0.038	J	0.66	0.036	mg/Kg	2		8270C	Total/NA
Benzo[b]fluoranthene	0.066	J	0.13	0.019	mg/Kg	2		8270C	Total/NA
Benzo[a]pyrene	0.071	J	0.13	0.013	mg/Kg	2		8270C	Total/NA
Indeno[1,2,3-cd]pyrene	0.065	J	0.13	0.026	mg/Kg	2		8270C	Total/NA
Benzo[g,h,i]perylene	0.045	J	0.13	0.040	mg/Kg	2		8270C	Total/NA
Diesel Range Organics [C10-C28]	15		1.0		mg/Kg	1		8015B	Total/NA
Arsenic	5.5		3.4		mg/Kg	4		6010B	Total/NA
Barium	330		1.7		mg/Kg	4		6010B	Total/NA
Beryllium	0.71		0.34		mg/Kg	4		6010B	Total/NA
Cadmium	0.53		0.43		mg/Kg	4		6010B	Total/NA
Chromium	59		1.7		mg/Kg	4		6010B	Total/NA
Cobalt	10		0.68		mg/Kg	4		6010B	Total/NA
Copper	47		5.1		mg/Kg	4		6010B	Total/NA
Lead	120		1.7		mg/Kg	4		6010B	Total/NA
Nickel	78		1.7		mg/Kg	4		6010B	Total/NA
Thallium	12		1.7		mg/Kg	4		6010B	Total/NA
Vanadium	44		1.7		mg/Kg	4		6010B	Total/NA
Zinc	120		5.1		mg/Kg	4		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Pleasonton

# Detection Summary

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

## Client Sample ID: SB-02-SO-1.5 (Continued)

## Lab Sample ID: 720-81635-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mercury	0.43		0.016		mg/Kg	1		7471A	Total/NA

## Client Sample ID: SB-03-SO-2.0

## Lab Sample ID: 720-81635-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Bis(2-ethylhexyl) phthalate	0.059	J	0.33	0.0066	mg/Kg	1		8270C	Total/NA
Diesel Range Organics [C10-C28]	3.9		1.0		mg/Kg	1		8015B	Total/NA
Barium	240		1.7		mg/Kg	4		6010B	Total/NA
Chromium	26		1.7		mg/Kg	4		6010B	Total/NA
Cobalt	3.6		0.68		mg/Kg	4		6010B	Total/NA
Copper	16		13		mg/Kg	10		6010B	Total/NA
Lead	12		1.7		mg/Kg	4		6010B	Total/NA
Nickel	22		4.2		mg/Kg	10		6010B	Total/NA
Thallium	5.7		1.7		mg/Kg	4		6010B	Total/NA
Vanadium	21		1.7		mg/Kg	4		6010B	Total/NA
Zinc	41		5.1		mg/Kg	4		6010B	Total/NA
Mercury	0.041		0.016		mg/Kg	1		7471A	Total/NA

## Client Sample ID: SB-02-SO-15.5

## Lab Sample ID: 720-81635-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	4.2	J	9.9	3.9	ug/Kg	1		8260B	Total/NA
1,1,1-Trichloroethane	3.1	J	4.9	0.60	ug/Kg	1		8260B	Total/NA
Diesel Range Organics [C10-C28]	4.3		1.0		mg/Kg	1		8015B	Total/NA
Barium	120		1.7		mg/Kg	4		6010B	Total/NA
Beryllium	0.52		0.33		mg/Kg	4		6010B	Total/NA
Chromium	62		1.7		mg/Kg	4		6010B	Total/NA
Cobalt	8.9		0.66		mg/Kg	4		6010B	Total/NA
Copper	29		5.0		mg/Kg	4		6010B	Total/NA
Lead	6.2		1.7		mg/Kg	4		6010B	Total/NA
Nickel	70		1.7		mg/Kg	4		6010B	Total/NA
Thallium	12		1.7		mg/Kg	4		6010B	Total/NA
Vanadium	48		1.7		mg/Kg	4		6010B	Total/NA
Zinc	53		5.0		mg/Kg	4		6010B	Total/NA
Mercury	0.052		0.016		mg/Kg	1		7471A	Total/NA

## Client Sample ID: SB-03-SO-16

## Lab Sample ID: 720-81635-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	7.1		1.0		mg/Kg	1		8015B	Total/NA
Arsenic	2.2		2.1		mg/Kg	4		6010B	Total/NA
Barium	100		1.0		mg/Kg	4		6010B	Total/NA
Beryllium	0.48		0.21		mg/Kg	4		6010B	Total/NA
Chromium	51		1.0		mg/Kg	4		6010B	Total/NA
Cobalt	8.7		0.41		mg/Kg	4		6010B	Total/NA
Copper	27		3.1		mg/Kg	4		6010B	Total/NA
Lead	5.6		1.0		mg/Kg	4		6010B	Total/NA
Nickel	66		1.0		mg/Kg	4		6010B	Total/NA
Thallium	10		1.0		mg/Kg	4		6010B	Total/NA
Vanadium	41		1.0		mg/Kg	4		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Pleasonton

# Detection Summary

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

## Client Sample ID: SB-03-SO-16 (Continued)

## Lab Sample ID: 720-81635-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Zinc	52		3.1		mg/Kg	4		6010B	Total/NA
Mercury	0.030			0.016	mg/Kg	1		7471A	Total/NA

## Client Sample ID: SB-02-GW-15-20

## Lab Sample ID: 720-81635-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl tert-butyl ether	0.72		0.50	0.069	ug/L	1		8260B/CA_LUFT MS	Total/NA
1,1-Dichloroethane	9.5		0.50	0.11	ug/L	1		8260B/CA_LUFT MS	Total/NA
1,1-Dichloroethene	0.78		0.50	0.20	ug/L	1		8260B/CA_LUFT MS	Total/NA
1,1,1-Trichloroethane	0.86		0.50	0.20	ug/L	1		8260B/CA_LUFT MS	Total/NA
Diesel Range Organics [C10-C28]	91		59		ug/L	1		8015B	Total/NA
Motor Oil Range Organics [C24-C36]	120		120		ug/L	1		8015B	Total/NA
Barium	0.13		0.050		mg/L	1		6010B	Dissolved

## Client Sample ID: SB-03-GW-15-20

## Lab Sample ID: 720-81635-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	0.0026		0.0020		mg/L	1		6010B	Dissolved
Lead	0.012		0.0050		mg/L	1		6010B	Dissolved
Selenium	0.14		0.020		mg/L	1		6010B	Dissolved
Zinc	0.040		0.020		mg/L	1		6010B	Dissolved

This Detection Summary does not include radiochemical test results.

TestAmerica Pleasanton

# Client Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

**Client Sample ID: SB-04-SO-3.0**

Date Collected: 08/31/17 12:10

Date Received: 09/01/17 17:00

**Lab Sample ID: 720-81635-1**

Matrix: Solid

**Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		5.8	1.4	ug/Kg	09/01/17 22:55	09/06/17 12:28		1
Acetone	ND		58	44	ug/Kg	09/01/17 22:55	09/06/17 12:28		1
Benzene	ND		5.8	0.75	ug/Kg	09/01/17 22:55	09/06/17 12:28		1
Dichlorobromomethane	ND		5.8	0.83	ug/Kg	09/01/17 22:55	09/06/17 12:28		1
Bromobenzene	ND *		5.8	0.91	ug/Kg	09/01/17 22:55	09/06/17 12:28		1
Chlorobromomethane	ND		23	0.83	ug/Kg	09/01/17 22:55	09/06/17 12:28		1
Bromoform	ND		5.8	2.3	ug/Kg	09/01/17 22:55	09/06/17 12:28		1
Bromomethane	ND		12	0.91	ug/Kg	09/01/17 22:55	09/06/17 12:28		1
2-Butanone (MEK)	ND		58	24	ug/Kg	09/01/17 22:55	09/06/17 12:28		1
n-Butylbenzene	ND *		5.8	1.2	ug/Kg	09/01/17 22:55	09/06/17 12:28		1
sec-Butylbenzene	ND *		5.8	0.83	ug/Kg	09/01/17 22:55	09/06/17 12:28		1
tert-Butylbenzene	ND *		5.8	0.84	ug/Kg	09/01/17 22:55	09/06/17 12:28		1
Carbon disulfide	ND		5.8	2.3	ug/Kg	09/01/17 22:55	09/06/17 12:28		1
Carbon tetrachloride	ND		5.8	0.72	ug/Kg	09/01/17 22:55	09/06/17 12:28		1
Chlorobenzene	ND		5.8	0.80	ug/Kg	09/01/17 22:55	09/06/17 12:28		1
Chloroethane	ND		12	0.65	ug/Kg	09/01/17 22:55	09/06/17 12:28		1
Chloroform	ND		5.8	0.76	ug/Kg	09/01/17 22:55	09/06/17 12:28		1
Chloromethane	ND		12	0.83	ug/Kg	09/01/17 22:55	09/06/17 12:28		1
2-Chlorotoluene	ND *		5.8	0.75	ug/Kg	09/01/17 22:55	09/06/17 12:28		1
4-Chlorotoluene	ND *		5.8	0.79	ug/Kg	09/01/17 22:55	09/06/17 12:28		1
Chlorodibromomethane	ND		5.8	0.82	ug/Kg	09/01/17 22:55	09/06/17 12:28		1
1,2-Dichlorobenzene	ND *		5.8	0.79	ug/Kg	09/01/17 22:55	09/06/17 12:28		1
1,3-Dichlorobenzene	ND *		5.8	0.83	ug/Kg	09/01/17 22:55	09/06/17 12:28		1
1,4-Dichlorobenzene	ND *		5.8	0.82	ug/Kg	09/01/17 22:55	09/06/17 12:28		1
1,3-Dichloropropane	ND		5.8	0.84	ug/Kg	09/01/17 22:55	09/06/17 12:28		1
1,1-Dichloropropene	ND		5.8	0.80	ug/Kg	09/01/17 22:55	09/06/17 12:28		1
1,2-Dibromo-3-Chloropropane	ND *		12	2.0	ug/Kg	09/01/17 22:55	09/06/17 12:28		1
Ethylene Dibromide	ND		5.8	1.7	ug/Kg	09/01/17 22:55	09/06/17 12:28		1
Dibromomethane	ND		12	0.99	ug/Kg	09/01/17 22:55	09/06/17 12:28		1
Dichlorodifluoromethane	ND		12	0.91	ug/Kg	09/01/17 22:55	09/06/17 12:28		1
1,1-Dichloroethane	ND		5.8	0.79	ug/Kg	09/01/17 22:55	09/06/17 12:28		1
1,2-Dichloroethane	ND		5.8	0.88	ug/Kg	09/01/17 22:55	09/06/17 12:28		1
1,1-Dichloroethene	ND		5.8	0.72	ug/Kg	09/01/17 22:55	09/06/17 12:28		1
cis-1,2-Dichloroethene	ND		5.8	0.79	ug/Kg	09/01/17 22:55	09/06/17 12:28		1
trans-1,2-Dichloroethene	ND		5.8	0.87	ug/Kg	09/01/17 22:55	09/06/17 12:28		1
1,2-Dichloropropane	ND		5.8	0.73	ug/Kg	09/01/17 22:55	09/06/17 12:28		1
cis-1,3-Dichloropropene	ND		5.8	0.80	ug/Kg	09/01/17 22:55	09/06/17 12:28		1
trans-1,3-Dichloropropene	ND		5.8	0.77	ug/Kg	09/01/17 22:55	09/06/17 12:28		1
Ethylbenzene	ND		5.8	0.87	ug/Kg	09/01/17 22:55	09/06/17 12:28		1
Hexachlorobutadiene	ND *		5.8	1.0	ug/Kg	09/01/17 22:55	09/06/17 12:28		1
2-Hexanone	ND		58	12	ug/Kg	09/01/17 22:55	09/06/17 12:28		1
Isopropylbenzene	ND		5.8	0.79	ug/Kg	09/01/17 22:55	09/06/17 12:28		1
4-Isopropyltoluene	ND *		5.8	2.9	ug/Kg	09/01/17 22:55	09/06/17 12:28		1
Methylene Chloride	ND		12	4.6	ug/Kg	09/01/17 22:55	09/06/17 12:28		1
4-Methyl-2-pentanone (MIBK)	ND		58	12	ug/Kg	09/01/17 22:55	09/06/17 12:28		1
Naphthalene	ND *		12	1.7	ug/Kg	09/01/17 22:55	09/06/17 12:28		1
N-Propylbenzene	ND *		5.8	0.76	ug/Kg	09/01/17 22:55	09/06/17 12:28		1
Styrene	ND		5.8	0.73	ug/Kg	09/01/17 22:55	09/06/17 12:28		1
1,1,1,2-Tetrachloroethane	ND		5.8	0.88	ug/Kg	09/01/17 22:55	09/06/17 12:28		1

TestAmerica Pleasanton

# Client Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

**Client Sample ID: SB-04-SO-3.0**

**Date Collected: 08/31/17 12:10**

**Date Received: 09/01/17 17:00**

**Lab Sample ID: 720-81635-1**

**Matrix: Solid**

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND	*	5.8	0.87	ug/Kg		09/01/17 22:55	09/06/17 12:28	1
Tetrachloroethene	ND		5.8	0.77	ug/Kg		09/01/17 22:55	09/06/17 12:28	1
Toluene	ND		5.8	0.82	ug/Kg		09/01/17 22:55	09/06/17 12:28	1
1,2,3-Trichlorobenzene	ND	*	5.8	0.85	ug/Kg		09/01/17 22:55	09/06/17 12:28	1
1,2,4-Trichlorobenzene	ND	*	5.8	0.82	ug/Kg		09/01/17 22:55	09/06/17 12:28	1
1,1,1-Trichloroethane	ND		5.8	0.70	ug/Kg		09/01/17 22:55	09/06/17 12:28	1
1,1,2-Trichloroethane	ND		5.8	0.81	ug/Kg		09/01/17 22:55	09/06/17 12:28	1
Trichloroethene	ND		5.8	0.73	ug/Kg		09/01/17 22:55	09/06/17 12:28	1
Trichlorofluoromethane	ND		5.8	0.65	ug/Kg		09/01/17 22:55	09/06/17 12:28	1
1,2,3-Trichloropropane	ND	*	5.8	0.89	ug/Kg		09/01/17 22:55	09/06/17 12:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.8	2.4	ug/Kg		09/01/17 22:55	09/06/17 12:28	1
1,2,4-Trimethylbenzene	ND	*	5.8	1.9	ug/Kg		09/01/17 22:55	09/06/17 12:28	1
1,3,5-Trimethylbenzene	ND	*	5.8	0.75	ug/Kg		09/01/17 22:55	09/06/17 12:28	1
Vinyl acetate	ND		23	5.8	ug/Kg		09/01/17 22:55	09/06/17 12:28	1
Vinyl chloride	ND		5.8	0.84	ug/Kg		09/01/17 22:55	09/06/17 12:28	1
Xylenes, Total	ND		12	1.4	ug/Kg		09/01/17 22:55	09/06/17 12:28	1
2,2-Dichloropropane	ND		5.8	2.3	ug/Kg		09/01/17 22:55	09/06/17 12:28	1
Gasoline Range Organics (GRO) -C5-C12	ND		290	120	ug/Kg		09/01/17 22:55	09/06/17 12:28	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>		<b>Limits</b>			<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
4-Bromofluorobenzene	81			45 - 131			09/01/17 22:55	09/06/17 12:28	1
1,2-Dichloroethane-d4 (Surr)	103			60 - 140			09/01/17 22:55	09/06/17 12:28	1
Toluene-d8 (Surr)	91			58 - 140			09/01/17 22:55	09/06/17 12:28	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	0.0055	mg/Kg		09/05/17 12:00	09/06/17 22:03	1
Bis(2-chloroethyl)ether	ND		0.067	0.0070	mg/Kg		09/05/17 12:00	09/06/17 22:03	1
2-Chlorophenol	ND		0.067	0.0037	mg/Kg		09/05/17 12:00	09/06/17 22:03	1
1,3-Dichlorobenzene	ND		0.067	0.0040	mg/Kg		09/05/17 12:00	09/06/17 22:03	1
1,4-Dichlorobenzene	ND		0.067	0.0090	mg/Kg		09/05/17 12:00	09/06/17 22:03	1
Benzyl alcohol	ND		0.17	0.0052	mg/Kg		09/05/17 12:00	09/06/17 22:03	1
1,2-Dichlorobenzene	ND		0.067	0.0047	mg/Kg		09/05/17 12:00	09/06/17 22:03	1
2-Methylphenol	ND		0.067	0.0050	mg/Kg		09/05/17 12:00	09/06/17 22:03	1
Methylphenol, 3 & 4	ND		0.067	0.0094	mg/Kg		09/05/17 12:00	09/06/17 22:03	1
N-Nitrosodi-n-propylamine	ND		0.067	0.033	mg/Kg		09/05/17 12:00	09/06/17 22:03	1
Hexachloroethane	ND		0.067	0.033	mg/Kg		09/05/17 12:00	09/06/17 22:03	1
Nitrobenzene	ND		0.067	0.014	mg/Kg		09/05/17 12:00	09/06/17 22:03	1
Isophorone	ND		0.067	0.0047	mg/Kg		09/05/17 12:00	09/06/17 22:03	1
2-Nitrophenol	ND		0.067	0.033	mg/Kg		09/05/17 12:00	09/06/17 22:03	1
2,4-Dimethylphenol	ND		0.067	0.027	mg/Kg		09/05/17 12:00	09/06/17 22:03	1
Bis(2-chloroethoxy)methane	ND		0.17	0.0055	mg/Kg		09/05/17 12:00	09/06/17 22:03	1
2,4-Dichlorophenol	ND		0.33	0.0045	mg/Kg		09/05/17 12:00	09/06/17 22:03	1
1,2,4-Trichlorobenzene	ND		0.067	0.0070	mg/Kg		09/05/17 12:00	09/06/17 22:03	1
Naphthalene	ND		0.067	0.0048	mg/Kg		09/05/17 12:00	09/06/17 22:03	1
4-Chloroaniline	ND		0.17	0.0044	mg/Kg		09/05/17 12:00	09/06/17 22:03	1
Hexachlorobutadiene	ND		0.067	0.0052	mg/Kg		09/05/17 12:00	09/06/17 22:03	1
4-Chloro-3-methylphenol	ND		0.17	0.0054	mg/Kg		09/05/17 12:00	09/06/17 22:03	1
2-Methylnaphthalene	ND		0.067	0.0062	mg/Kg		09/05/17 12:00	09/06/17 22:03	1

TestAmerica Pleasanton

# Client Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

**Client Sample ID: SB-04-SO-3.0**

**Lab Sample ID: 720-81635-1**

Date Collected: 08/31/17 12:10

Matrix: Solid

Date Received: 09/01/17 17:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorocyclopentadiene	ND		0.17	0.027	mg/Kg		09/05/17 12:00	09/06/17 22:03	1
2,4,6-Trichlorophenol	ND		0.17	0.0097	mg/Kg		09/05/17 12:00	09/06/17 22:03	1
2,4,5-Trichlorophenol	ND		0.067	0.0042	mg/Kg		09/05/17 12:00	09/06/17 22:03	1
2-Chloronaphthalene	ND		0.067	0.0048	mg/Kg		09/05/17 12:00	09/06/17 22:03	1
2-Nitroaniline	ND		0.33	0.034	mg/Kg		09/05/17 12:00	09/06/17 22:03	1
Dimethyl phthalate	ND		0.17	0.0058	mg/Kg		09/05/17 12:00	09/06/17 22:03	1
Acenaphthylene	ND		0.067	0.0056	mg/Kg		09/05/17 12:00	09/06/17 22:03	1
3-Nitroaniline	ND		0.17	0.039	mg/Kg		09/05/17 12:00	09/06/17 22:03	1
Acenaphthene	ND		0.067	0.0038	mg/Kg		09/05/17 12:00	09/06/17 22:03	1
2,4-Dinitrophenol	ND		0.66	0.066	mg/Kg		09/05/17 12:00	09/06/17 22:03	1
4-Nitrophenol	ND		0.33	0.034	mg/Kg		09/05/17 12:00	09/06/17 22:03	1
Dibenzofuran	ND		0.067	0.0053	mg/Kg		09/05/17 12:00	09/06/17 22:03	1
2,4-Dinitrotoluene	ND		0.067	0.033	mg/Kg		09/05/17 12:00	09/06/17 22:03	1
2,6-Dinitrotoluene	ND		0.067	0.034	mg/Kg		09/05/17 12:00	09/06/17 22:03	1
Diethyl phthalate	ND		0.17	0.0047	mg/Kg		09/05/17 12:00	09/06/17 22:03	1
4-Chlorophenyl phenyl ether	ND		0.17	0.0059	mg/Kg		09/05/17 12:00	09/06/17 22:03	1
<b>Fluorene</b>	<b>0.0043 J</b>		0.067	0.0040	mg/Kg		09/05/17 12:00	09/06/17 22:03	1
4-Nitroaniline	ND		0.33	0.033	mg/Kg		09/05/17 12:00	09/06/17 22:03	1
2-Methyl-4,6-dinitrophenol	ND		0.33	0.034	mg/Kg		09/05/17 12:00	09/06/17 22:03	1
N-Nitrosodiphenylamine	ND		0.067	0.0039	mg/Kg		09/05/17 12:00	09/06/17 22:03	1
4-Bromophenyl phenyl ether	ND		0.17	0.0051	mg/Kg		09/05/17 12:00	09/06/17 22:03	1
Hexachlorobenzene	ND		0.067	0.033	mg/Kg		09/05/17 12:00	09/06/17 22:03	1
Pentachlorophenol	ND		0.33	0.016	mg/Kg		09/05/17 12:00	09/06/17 22:03	1
<b>Phenanthrene</b>	<b>0.012 J</b>		0.067	0.0046	mg/Kg		09/05/17 12:00	09/06/17 22:03	1
Anthracene	ND		0.067	0.0043	mg/Kg		09/05/17 12:00	09/06/17 22:03	1
Di-n-butyl phthalate	ND		0.17	0.033	mg/Kg		09/05/17 12:00	09/06/17 22:03	1
<b>Fluoranthene</b>	<b>0.019 J</b>		0.067	0.0073	mg/Kg		09/05/17 12:00	09/06/17 22:03	1
<b>Pyrene</b>	<b>0.021 J</b>		0.067	0.0038	mg/Kg		09/05/17 12:00	09/06/17 22:03	1
Butyl benzyl phthalate	ND		0.17	0.0054	mg/Kg		09/05/17 12:00	09/06/17 22:03	1
3,3'-Dichlorobenzidine	ND		0.17	0.0099	mg/Kg		09/05/17 12:00	09/06/17 22:03	1
Benzo[a]anthracene	ND		0.33	0.018	mg/Kg		09/05/17 12:00	09/06/17 22:03	1
<b>Bis(2-ethylhexyl) phthalate</b>	<b>0.037 J</b>		0.33	0.0066	mg/Kg		09/05/17 12:00	09/06/17 22:03	1
Chrysene	ND		0.067	0.033	mg/Kg		09/05/17 12:00	09/06/17 22:03	1
Di-n-octyl phthalate	ND		0.17	0.0048	mg/Kg		09/05/17 12:00	09/06/17 22:03	1
<b>Benzo[b]fluoranthene</b>	<b>0.025 J</b>		0.067	0.0094	mg/Kg		09/05/17 12:00	09/06/17 22:03	1
<b>Benzo[a]pyrene</b>	<b>0.032 J</b>		0.067	0.0066	mg/Kg		09/05/17 12:00	09/06/17 22:03	1
Benzo[k]fluoranthene	ND		0.067	0.014	mg/Kg		09/05/17 12:00	09/06/17 22:03	1
<b>Indeno[1,2,3-cd]pyrene</b>	<b>0.030 J</b>		0.067	0.013	mg/Kg		09/05/17 12:00	09/06/17 22:03	1
<b>Benzo[g,h,i]perylene</b>	<b>0.021 J</b>		0.067	0.020	mg/Kg		09/05/17 12:00	09/06/17 22:03	1
<b>Benzoic acid</b>	<b>0.046 J</b>		0.33	0.034	mg/Kg		09/05/17 12:00	09/06/17 22:03	1
Azobenzene	ND		0.067	0.0058	mg/Kg		09/05/17 12:00	09/06/17 22:03	1
<b>Dibenzo(a,h)anthracene</b>	<b>0.025 J</b>		0.067	0.015	mg/Kg		09/05/17 12:00	09/06/17 22:03	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>		<b>Limits</b>			<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
Nitrobenzene-d5	47			21 - 98			09/05/17 12:00	09/06/17 22:03	1
2-Fluorobiphenyl	58			30 - 112			09/05/17 12:00	09/06/17 22:03	1
Terphenyl-d14	65			59 - 134			09/05/17 12:00	09/06/17 22:03	1
2-Fluorophenol	49			28 - 98			09/05/17 12:00	09/06/17 22:03	1
Phenol-d5	53			23 - 101			09/05/17 12:00	09/06/17 22:03	1
2,4,6-Tribromophenol	50			37 - 114			09/05/17 12:00	09/06/17 22:03	1

TestAmerica Pleasanton

# Client Sample Results

Client: Haley & Aldrich, Inc.

Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	38		1.0		mg/Kg	D	09/06/17 14:54	09/07/17 04:52	1
Motor Oil Range Organics [C24-C36]	99		50		mg/Kg		09/06/17 14:54	09/07/17 04:52	1
<b>Surrogate</b>									
p-Terphenyl	73		40 - 130				09/06/17 14:54	09/07/17 04:52	1

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		49		ug/Kg	D	09/05/17 12:59	09/06/17 20:14	1
PCB-1221	ND		49		ug/Kg		09/05/17 12:59	09/06/17 20:14	1
PCB-1232	ND		49		ug/Kg		09/05/17 12:59	09/06/17 20:14	1
PCB-1242	ND		49		ug/Kg		09/05/17 12:59	09/06/17 20:14	1
PCB-1248	ND		49		ug/Kg		09/05/17 12:59	09/06/17 20:14	1
PCB-1254	ND		49		ug/Kg		09/05/17 12:59	09/06/17 20:14	1
PCB-1260	ND		49		ug/Kg		09/05/17 12:59	09/06/17 20:14	1
<b>Surrogate</b>									
Tetrachloro-m-xylene	74		45 - 132				09/05/17 12:59	09/06/17 20:14	1
DCB Decachlorobiphenyl	84		42 - 146				09/05/17 12:59	09/06/17 20:14	1

## Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.8		mg/Kg	D	09/02/17 09:04	09/05/17 09:34	4
Arsenic	ND		3.6		mg/Kg		09/02/17 09:04	09/05/17 09:34	4
<b>Barium</b>	270		1.8		mg/Kg		09/02/17 09:04	09/05/17 09:34	4
<b>Beryllium</b>	0.55		0.36		mg/Kg		09/02/17 09:04	09/05/17 09:34	4
Cadmium	ND		0.45		mg/Kg		09/02/17 09:04	09/05/17 09:34	4
<b>Chromium</b>	54		1.8		mg/Kg		09/02/17 09:04	09/05/17 09:34	4
<b>Cobalt</b>	8.2		0.71		mg/Kg		09/02/17 09:04	09/05/17 09:34	4
<b>Copper</b>	110		5.4		mg/Kg		09/02/17 09:04	09/05/17 09:34	4
<b>Lead</b>	72		1.8		mg/Kg		09/02/17 09:04	09/05/17 09:34	4
Molybdenum	ND		1.8		mg/Kg		09/02/17 09:04	09/05/17 09:34	4
<b>Nickel</b>	55		1.8		mg/Kg		09/02/17 09:04	09/05/17 09:34	4
Selenium	ND		3.6		mg/Kg		09/02/17 09:04	09/05/17 09:34	4
Silver	ND		0.89		mg/Kg		09/02/17 09:04	09/05/17 09:34	4
<b>Thallium</b>	12		1.8		mg/Kg		09/02/17 09:04	09/05/17 09:34	4
<b>Vanadium</b>	46		1.8		mg/Kg		09/02/17 09:04	09/05/17 09:34	4
<b>Zinc</b>	230		5.4		mg/Kg		09/02/17 09:04	09/05/17 09:34	4

## Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	0.12		0.015		mg/Kg	D	09/06/17 09:15	09/06/17 11:53	1

TestAmerica Pleasanton

# Client Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

**Client Sample ID: SB-05-SO-3.0**

Date Collected: 08/31/17 12:55

Date Received: 09/01/17 17:00

**Lab Sample ID: 720-81635-2**

Matrix: Solid

**Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		11	2.5	ug/Kg	09/01/17 22:55	09/06/17 12:56		1
Acetone	ND		110	80	ug/Kg	09/01/17 22:55	09/06/17 12:56		1
Benzene	ND		11	1.4	ug/Kg	09/01/17 22:55	09/06/17 12:56		1
Dichlorobromomethane	ND		11	1.5	ug/Kg	09/01/17 22:55	09/06/17 12:56		1
Bromobenzene	ND *		11	1.7	ug/Kg	09/01/17 22:55	09/06/17 12:56		1
Chlorobromomethane	ND		42	1.5	ug/Kg	09/01/17 22:55	09/06/17 12:56		1
Bromoform	ND		11	4.2	ug/Kg	09/01/17 22:55	09/06/17 12:56		1
Bromomethane	ND		21	1.7	ug/Kg	09/01/17 22:55	09/06/17 12:56		1
2-Butanone (MEK)	ND		110	44	ug/Kg	09/01/17 22:55	09/06/17 12:56		1
n-Butylbenzene	ND *		11	2.1	ug/Kg	09/01/17 22:55	09/06/17 12:56		1
sec-Butylbenzene	ND *		11	1.5	ug/Kg	09/01/17 22:55	09/06/17 12:56		1
tert-Butylbenzene	ND *		11	1.5	ug/Kg	09/01/17 22:55	09/06/17 12:56		1
Carbon disulfide	ND		11	4.2	ug/Kg	09/01/17 22:55	09/06/17 12:56		1
Carbon tetrachloride	ND		11	1.3	ug/Kg	09/01/17 22:55	09/06/17 12:56		1
Chlorobenzene	ND		11	1.5	ug/Kg	09/01/17 22:55	09/06/17 12:56		1
Chloroethane	ND		21	1.2	ug/Kg	09/01/17 22:55	09/06/17 12:56		1
Chloroform	ND		11	1.4	ug/Kg	09/01/17 22:55	09/06/17 12:56		1
Chloromethane	ND		21	1.5	ug/Kg	09/01/17 22:55	09/06/17 12:56		1
2-Chlorotoluene	ND *		11	1.4	ug/Kg	09/01/17 22:55	09/06/17 12:56		1
4-Chlorotoluene	ND *		11	1.4	ug/Kg	09/01/17 22:55	09/06/17 12:56		1
Chlorodibromomethane	ND		11	1.5	ug/Kg	09/01/17 22:55	09/06/17 12:56		1
1,2-Dichlorobenzene	ND *		11	1.4	ug/Kg	09/01/17 22:55	09/06/17 12:56		1
1,3-Dichlorobenzene	ND *		11	1.5	ug/Kg	09/01/17 22:55	09/06/17 12:56		1
1,4-Dichlorobenzene	ND *		11	1.5	ug/Kg	09/01/17 22:55	09/06/17 12:56		1
1,3-Dichloropropane	ND		11	1.5	ug/Kg	09/01/17 22:55	09/06/17 12:56		1
1,1-Dichloropropene	ND		11	1.5	ug/Kg	09/01/17 22:55	09/06/17 12:56		1
1,2-Dibromo-3-Chloropropane	ND *		21	3.6	ug/Kg	09/01/17 22:55	09/06/17 12:56		1
Ethylene Dibromide	ND		11	3.0	ug/Kg	09/01/17 22:55	09/06/17 12:56		1
Dibromomethane	ND		21	1.8	ug/Kg	09/01/17 22:55	09/06/17 12:56		1
Dichlorodifluoromethane	ND		21	1.7	ug/Kg	09/01/17 22:55	09/06/17 12:56		1
1,1-Dichloroethane	ND		11	1.4	ug/Kg	09/01/17 22:55	09/06/17 12:56		1
1,2-Dichloroethane	ND		11	1.6	ug/Kg	09/01/17 22:55	09/06/17 12:56		1
1,1-Dichloroethene	ND		11	1.3	ug/Kg	09/01/17 22:55	09/06/17 12:56		1
cis-1,2-Dichloroethene	ND		11	1.4	ug/Kg	09/01/17 22:55	09/06/17 12:56		1
trans-1,2-Dichloroethene	ND		11	1.6	ug/Kg	09/01/17 22:55	09/06/17 12:56		1
1,2-Dichloropropane	ND		11	1.3	ug/Kg	09/01/17 22:55	09/06/17 12:56		1
cis-1,3-Dichloropropene	ND		11	1.5	ug/Kg	09/01/17 22:55	09/06/17 12:56		1
trans-1,3-Dichloropropene	ND		11	1.4	ug/Kg	09/01/17 22:55	09/06/17 12:56		1
Ethylbenzene	ND		11	1.6	ug/Kg	09/01/17 22:55	09/06/17 12:56		1
Hexachlorobutadiene	ND *		11	1.9	ug/Kg	09/01/17 22:55	09/06/17 12:56		1
2-Hexanone	ND		110	21	ug/Kg	09/01/17 22:55	09/06/17 12:56		1
Isopropylbenzene	ND		11	1.4	ug/Kg	09/01/17 22:55	09/06/17 12:56		1
4-Isopropyltoluene	ND *		11	5.3	ug/Kg	09/01/17 22:55	09/06/17 12:56		1
Methylene Chloride	ND		21	8.4	ug/Kg	09/01/17 22:55	09/06/17 12:56		1
4-Methyl-2-pentanone (MIBK)	ND		110	21	ug/Kg	09/01/17 22:55	09/06/17 12:56		1
Naphthalene	ND *		21	3.2	ug/Kg	09/01/17 22:55	09/06/17 12:56		1
N-Propylbenzene	ND *		11	1.4	ug/Kg	09/01/17 22:55	09/06/17 12:56		1
Styrene	ND		11	1.3	ug/Kg	09/01/17 22:55	09/06/17 12:56		1
1,1,1,2-Tetrachloroethane	ND		11	1.6	ug/Kg	09/01/17 22:55	09/06/17 12:56		1

TestAmerica Pleasanton

# Client Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

**Client Sample ID: SB-05-SO-3.0**

**Date Collected: 08/31/17 12:55**

**Date Received: 09/01/17 17:00**

**Lab Sample ID: 720-81635-2**

**Matrix: Solid**

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND *		11	1.6	ug/Kg		09/01/17 22:55	09/06/17 12:56	1
Tetrachloroethene	ND		11	1.4	ug/Kg		09/01/17 22:55	09/06/17 12:56	1
Toluene	ND		11	1.5	ug/Kg		09/01/17 22:55	09/06/17 12:56	1
1,2,3-Trichlorobenzene	ND *		11	1.6	ug/Kg		09/01/17 22:55	09/06/17 12:56	1
1,2,4-Trichlorobenzene	ND *		11	1.5	ug/Kg		09/01/17 22:55	09/06/17 12:56	1
1,1,1-Trichloroethane	ND		11	1.3	ug/Kg		09/01/17 22:55	09/06/17 12:56	1
1,1,2-Trichloroethane	ND		11	1.5	ug/Kg		09/01/17 22:55	09/06/17 12:56	1
Trichloroethene	ND		11	1.3	ug/Kg		09/01/17 22:55	09/06/17 12:56	1
Trichlorofluoromethane	ND		11	1.2	ug/Kg		09/01/17 22:55	09/06/17 12:56	1
1,2,3-Trichloropropane	ND *		11	1.6	ug/Kg		09/01/17 22:55	09/06/17 12:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		11	4.4	ug/Kg		09/01/17 22:55	09/06/17 12:56	1
1,2,4-Trimethylbenzene	ND *		11	3.5	ug/Kg		09/01/17 22:55	09/06/17 12:56	1
1,3,5-Trimethylbenzene	ND *		11	1.4	ug/Kg		09/01/17 22:55	09/06/17 12:56	1
Vinyl acetate	ND		42	11	ug/Kg		09/01/17 22:55	09/06/17 12:56	1
Vinyl chloride	ND		11	1.5	ug/Kg		09/01/17 22:55	09/06/17 12:56	1
Xylenes, Total	ND		21	2.6	ug/Kg		09/01/17 22:55	09/06/17 12:56	1
2,2-Dichloropropane	ND		11	4.2	ug/Kg		09/01/17 22:55	09/06/17 12:56	1
Gasoline Range Organics (GRO) -C5-C12	ND		530	210	ug/Kg		09/01/17 22:55	09/06/17 12:56	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>		<b>Limits</b>			<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
4-Bromofluorobenzene	79			45 - 131			09/01/17 22:55	09/06/17 12:56	1
1,2-Dichloroethane-d4 (Surr)	108			60 - 140			09/01/17 22:55	09/06/17 12:56	1
Toluene-d8 (Surr)	91			58 - 140			09/01/17 22:55	09/06/17 12:56	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		0.13	0.011	mg/Kg		09/05/17 12:00	09/06/17 22:25	2
Bis(2-chloroethyl)ether	ND		0.13	0.014	mg/Kg		09/05/17 12:00	09/06/17 22:25	2
2-Chlorophenol	ND		0.13	0.0074	mg/Kg		09/05/17 12:00	09/06/17 22:25	2
1,3-Dichlorobenzene	ND		0.13	0.0080	mg/Kg		09/05/17 12:00	09/06/17 22:25	2
1,4-Dichlorobenzene	ND		0.13	0.018	mg/Kg		09/05/17 12:00	09/06/17 22:25	2
Benzyl alcohol	ND		0.34	0.010	mg/Kg		09/05/17 12:00	09/06/17 22:25	2
1,2-Dichlorobenzene	ND		0.13	0.0094	mg/Kg		09/05/17 12:00	09/06/17 22:25	2
2-Methylphenol	ND		0.13	0.010	mg/Kg		09/05/17 12:00	09/06/17 22:25	2
Methylphenol, 3 & 4	ND		0.13	0.019	mg/Kg		09/05/17 12:00	09/06/17 22:25	2
N-Nitrosodi-n-propylamine	ND		0.13	0.066	mg/Kg		09/05/17 12:00	09/06/17 22:25	2
Hexachloroethane	ND		0.13	0.066	mg/Kg		09/05/17 12:00	09/06/17 22:25	2
Nitrobenzene	ND		0.13	0.028	mg/Kg		09/05/17 12:00	09/06/17 22:25	2
Isophorone	ND		0.13	0.0094	mg/Kg		09/05/17 12:00	09/06/17 22:25	2
2-Nitrophenol	ND		0.13	0.066	mg/Kg		09/05/17 12:00	09/06/17 22:25	2
2,4-Dimethylphenol	ND		0.13	0.054	mg/Kg		09/05/17 12:00	09/06/17 22:25	2
Bis(2-chloroethoxy)methane	ND		0.34	0.011	mg/Kg		09/05/17 12:00	09/06/17 22:25	2
2,4-Dichlorophenol	ND		0.66	0.0090	mg/Kg		09/05/17 12:00	09/06/17 22:25	2
1,2,4-Trichlorobenzene	ND		0.13	0.014	mg/Kg		09/05/17 12:00	09/06/17 22:25	2
Naphthalene	ND		0.13	0.0096	mg/Kg		09/05/17 12:00	09/06/17 22:25	2
4-Chloroaniline	ND		0.34	0.0088	mg/Kg		09/05/17 12:00	09/06/17 22:25	2
Hexachlorobutadiene	ND		0.13	0.010	mg/Kg		09/05/17 12:00	09/06/17 22:25	2
4-Chloro-3-methylphenol	ND		0.34	0.011	mg/Kg		09/05/17 12:00	09/06/17 22:25	2
2-Methylnaphthalene	ND		0.13	0.012	mg/Kg		09/05/17 12:00	09/06/17 22:25	2

TestAmerica Pleasanton

# Client Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

**Client Sample ID: SB-05-SO-3.0**

**Lab Sample ID: 720-81635-2**

Date Collected: 08/31/17 12:55

Matrix: Solid

Date Received: 09/01/17 17:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorocyclopentadiene	ND		0.34	0.054	mg/Kg		09/05/17 12:00	09/06/17 22:25	2
2,4,6-Trichlorophenol	ND		0.34	0.020	mg/Kg		09/05/17 12:00	09/06/17 22:25	2
2,4,5-Trichlorophenol	ND		0.13	0.0084	mg/Kg		09/05/17 12:00	09/06/17 22:25	2
2-Chloronaphthalene	ND		0.13	0.0096	mg/Kg		09/05/17 12:00	09/06/17 22:25	2
2-Nitroaniline	ND		0.66	0.068	mg/Kg		09/05/17 12:00	09/06/17 22:25	2
Dimethyl phthalate	ND		0.34	0.012	mg/Kg		09/05/17 12:00	09/06/17 22:25	2
Acenaphthylene	ND		0.13	0.011	mg/Kg		09/05/17 12:00	09/06/17 22:25	2
3-Nitroaniline	ND		0.34	0.078	mg/Kg		09/05/17 12:00	09/06/17 22:25	2
Acenaphthene	ND		0.13	0.0076	mg/Kg		09/05/17 12:00	09/06/17 22:25	2
2,4-Dinitrophenol	ND		1.3	0.13	mg/Kg		09/05/17 12:00	09/06/17 22:25	2
4-Nitrophenol	ND		0.66	0.068	mg/Kg		09/05/17 12:00	09/06/17 22:25	2
Dibenzofuran	ND		0.13	0.011	mg/Kg		09/05/17 12:00	09/06/17 22:25	2
2,4-Dinitrotoluene	ND		0.13	0.066	mg/Kg		09/05/17 12:00	09/06/17 22:25	2
2,6-Dinitrotoluene	ND		0.13	0.068	mg/Kg		09/05/17 12:00	09/06/17 22:25	2
Diethyl phthalate	ND		0.34	0.0094	mg/Kg		09/05/17 12:00	09/06/17 22:25	2
4-Chlorophenyl phenyl ether	ND		0.34	0.012	mg/Kg		09/05/17 12:00	09/06/17 22:25	2
<b>Fluorene</b>	<b>0.0081 J</b>		0.13	0.0080	mg/Kg		09/05/17 12:00	09/06/17 22:25	2
4-Nitroaniline	ND		0.66	0.066	mg/Kg		09/05/17 12:00	09/06/17 22:25	2
2-Methyl-4,6-dinitrophenol	ND		0.66	0.068	mg/Kg		09/05/17 12:00	09/06/17 22:25	2
N-Nitrosodiphenylamine	ND		0.13	0.0078	mg/Kg		09/05/17 12:00	09/06/17 22:25	2
4-Bromophenyl phenyl ether	ND		0.34	0.010	mg/Kg		09/05/17 12:00	09/06/17 22:25	2
Hexachlorobenzene	ND		0.13	0.066	mg/Kg		09/05/17 12:00	09/06/17 22:25	2
Pentachlorophenol	ND		0.66	0.032	mg/Kg		09/05/17 12:00	09/06/17 22:25	2
<b>Phenanthrene</b>	<b>0.039 J</b>		0.13	0.0092	mg/Kg		09/05/17 12:00	09/06/17 22:25	2
Anthracene	ND		0.13	0.0086	mg/Kg		09/05/17 12:00	09/06/17 22:25	2
Di-n-butyl phthalate	ND		0.34	0.066	mg/Kg		09/05/17 12:00	09/06/17 22:25	2
<b>Fluoranthene</b>	<b>0.050 J</b>		0.13	0.015	mg/Kg		09/05/17 12:00	09/06/17 22:25	2
<b>Pyrene</b>	<b>0.049 J</b>		0.13	0.0076	mg/Kg		09/05/17 12:00	09/06/17 22:25	2
Butyl benzyl phthalate	ND		0.34	0.011	mg/Kg		09/05/17 12:00	09/06/17 22:25	2
3,3'-Dichlorobenzidine	ND		0.34	0.020	mg/Kg		09/05/17 12:00	09/06/17 22:25	2
Benzo[a]anthracene	ND		0.66	0.036	mg/Kg		09/05/17 12:00	09/06/17 22:25	2
<b>Bis(2-ethylhexyl) phthalate</b>	<b>0.068 J</b>		0.66	0.013	mg/Kg		09/05/17 12:00	09/06/17 22:25	2
Chrysene	ND		0.13	0.066	mg/Kg		09/05/17 12:00	09/06/17 22:25	2
Di-n-octyl phthalate	ND		0.34	0.0096	mg/Kg		09/05/17 12:00	09/06/17 22:25	2
<b>Benzo[b]fluoranthene</b>	<b>0.047 J</b>		0.13	0.019	mg/Kg		09/05/17 12:00	09/06/17 22:25	2
<b>Benzo[a]pyrene</b>	<b>0.060 J</b>		0.13	0.013	mg/Kg		09/05/17 12:00	09/06/17 22:25	2
Benzo[k]fluoranthene	ND		0.13	0.028	mg/Kg		09/05/17 12:00	09/06/17 22:25	2
<b>Indeno[1,2,3-cd]pyrene</b>	<b>0.055 J</b>		0.13	0.026	mg/Kg		09/05/17 12:00	09/06/17 22:25	2
Benzo[g,h,i]perylene	ND		0.13	0.040	mg/Kg		09/05/17 12:00	09/06/17 22:25	2
<b>Benzoic acid</b>	<b>0.096 J</b>		0.66	0.068	mg/Kg		09/05/17 12:00	09/06/17 22:25	2
Azobenzene	ND		0.13	0.012	mg/Kg		09/05/17 12:00	09/06/17 22:25	2
<b>Dibenz(a,h)anthracene</b>	<b>0.046 J</b>		0.13	0.030	mg/Kg		09/05/17 12:00	09/06/17 22:25	2
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>		<b>Limits</b>			<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
Nitrobenzene-d5	48			21 - 98			09/05/17 12:00	09/06/17 22:25	2
2-Fluorobiphenyl	59			30 - 112			09/05/17 12:00	09/06/17 22:25	2
Terphenyl-d14	64			59 - 134			09/05/17 12:00	09/06/17 22:25	2
2-Fluorophenol	51			28 - 98			09/05/17 12:00	09/06/17 22:25	2
Phenol-d5	56			23 - 101			09/05/17 12:00	09/06/17 22:25	2
2,4,6-Tribromophenol	40			37 - 114			09/05/17 12:00	09/06/17 22:25	2

TestAmerica Pleasanton

# Client Sample Results

Client: Haley & Aldrich, Inc.

Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	63		0.99		mg/Kg	D	09/06/17 14:54	09/07/17 04:30	1
Motor Oil Range Organics [C24-C36]	170		50		mg/Kg		09/06/17 14:54	09/07/17 04:30	1
<b>Surrogate</b>									
p-Terphenyl	50		40 - 130				09/06/17 14:54	09/07/17 04:30	1

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		49		ug/Kg	D	09/05/17 12:59	09/06/17 20:31	1
PCB-1221	ND		49		ug/Kg		09/05/17 12:59	09/06/17 20:31	1
PCB-1232	ND		49		ug/Kg		09/05/17 12:59	09/06/17 20:31	1
PCB-1242	ND		49		ug/Kg		09/05/17 12:59	09/06/17 20:31	1
PCB-1248	ND		49		ug/Kg		09/05/17 12:59	09/06/17 20:31	1
PCB-1254	ND		49		ug/Kg		09/05/17 12:59	09/06/17 20:31	1
PCB-1260	ND		49		ug/Kg		09/05/17 12:59	09/06/17 20:31	1
<b>Surrogate</b>									
Tetrachloro-m-xylene	75		45 - 132				09/05/17 12:59	09/06/17 20:31	1
DCB Decachlorobiphenyl	83		42 - 146				09/05/17 12:59	09/06/17 20:31	1

## Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.7		mg/Kg	D	09/02/17 09:04	09/05/17 09:38	4
Arsenic	ND		3.5		mg/Kg		09/02/17 09:04	09/05/17 09:38	4
Barium	240		1.7		mg/Kg		09/02/17 09:04	09/05/17 09:38	4
Beryllium	0.41		0.35		mg/Kg		09/02/17 09:04	09/05/17 09:38	4
Cadmium	0.50		0.43		mg/Kg		09/02/17 09:04	09/05/17 09:38	4
Chromium	50		1.7		mg/Kg		09/02/17 09:04	09/05/17 09:38	4
Cobalt	6.6		0.70		mg/Kg		09/02/17 09:04	09/05/17 09:38	4
Copper	46		5.2		mg/Kg		09/02/17 09:04	09/05/17 09:38	4
Lead	230		1.7		mg/Kg		09/02/17 09:04	09/05/17 09:38	4
Molybdenum	ND		1.7		mg/Kg		09/02/17 09:04	09/05/17 09:38	4
Nickel	52		1.7		mg/Kg		09/02/17 09:04	09/05/17 09:38	4
Selenium	ND		3.5		mg/Kg		09/02/17 09:04	09/05/17 09:38	4
Silver	ND		0.87		mg/Kg		09/02/17 09:04	09/05/17 09:38	4
Thallium	9.7		1.7		mg/Kg		09/02/17 09:04	09/05/17 09:38	4
Vanadium	35		1.7		mg/Kg		09/02/17 09:04	09/05/17 09:38	4
Zinc	200		5.2		mg/Kg		09/02/17 09:04	09/05/17 09:38	4

## Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20		0.016		mg/Kg	D	09/06/17 09:15	09/06/17 11:55	1

TestAmerica Pleasanton

# Client Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

**Client Sample ID: SB-05-SO-5.0**

**Date Collected: 08/31/17 13:00**

**Date Received: 09/01/17 17:00**

**Lab Sample ID: 720-81635-3**

**Matrix: Solid**

**Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		4.9	1.2	ug/Kg	09/01/17 22:55	09/05/17 17:37		1
Acetone	ND		49	37	ug/Kg	09/01/17 22:55	09/05/17 17:37		1
Benzene	ND		4.9	0.63	ug/Kg	09/01/17 22:55	09/05/17 17:37		1
Dichlorobromomethane	ND		4.9	0.70	ug/Kg	09/01/17 22:55	09/05/17 17:37		1
Bromobenzene	ND		4.9	0.77	ug/Kg	09/01/17 22:55	09/05/17 17:37		1
Chlorobromomethane	ND		19	0.70	ug/Kg	09/01/17 22:55	09/05/17 17:37		1
Bromoform	ND		4.9	1.9	ug/Kg	09/01/17 22:55	09/05/17 17:37		1
Bromomethane	ND		9.7	0.77	ug/Kg	09/01/17 22:55	09/05/17 17:37		1
2-Butanone (MEK)	ND		49	20	ug/Kg	09/01/17 22:55	09/05/17 17:37		1
n-Butylbenzene	ND		4.9	0.97	ug/Kg	09/01/17 22:55	09/05/17 17:37		1
sec-Butylbenzene	ND		4.9	0.70	ug/Kg	09/01/17 22:55	09/05/17 17:37		1
tert-Butylbenzene	ND		4.9	0.71	ug/Kg	09/01/17 22:55	09/05/17 17:37		1
Carbon disulfide	ND		4.9	1.9	ug/Kg	09/01/17 22:55	09/05/17 17:37		1
Carbon tetrachloride	ND		4.9	0.60	ug/Kg	09/01/17 22:55	09/05/17 17:37		1
Chlorobenzene	ND		4.9	0.67	ug/Kg	09/01/17 22:55	09/05/17 17:37		1
Chloroethane	ND		9.7	0.55	ug/Kg	09/01/17 22:55	09/05/17 17:37		1
Chloroform	ND		4.9	0.64	ug/Kg	09/01/17 22:55	09/05/17 17:37		1
Chloromethane	ND		9.7	0.70	ug/Kg	09/01/17 22:55	09/05/17 17:37		1
2-Chlorotoluene	ND		4.9	0.63	ug/Kg	09/01/17 22:55	09/05/17 17:37		1
4-Chlorotoluene	ND		4.9	0.66	ug/Kg	09/01/17 22:55	09/05/17 17:37		1
Chlorodibromomethane	ND		4.9	0.69	ug/Kg	09/01/17 22:55	09/05/17 17:37		1
1,2-Dichlorobenzene	ND		4.9	0.66	ug/Kg	09/01/17 22:55	09/05/17 17:37		1
1,3-Dichlorobenzene	ND		4.9	0.70	ug/Kg	09/01/17 22:55	09/05/17 17:37		1
1,4-Dichlorobenzene	ND		4.9	0.69	ug/Kg	09/01/17 22:55	09/05/17 17:37		1
1,3-Dichloropropane	ND		4.9	0.71	ug/Kg	09/01/17 22:55	09/05/17 17:37		1
1,1-Dichloropropene	ND		4.9	0.67	ug/Kg	09/01/17 22:55	09/05/17 17:37		1
1,2-Dibromo-3-Chloropropane	ND		9.7	1.7	ug/Kg	09/01/17 22:55	09/05/17 17:37		1
Ethylene Dibromide	ND		4.9	1.4	ug/Kg	09/01/17 22:55	09/05/17 17:37		1
Dibromomethane	ND		9.7	0.84	ug/Kg	09/01/17 22:55	09/05/17 17:37		1
Dichlorodifluoromethane	ND		9.7	0.77	ug/Kg	09/01/17 22:55	09/05/17 17:37		1
1,1-Dichloroethane	ND		4.9	0.66	ug/Kg	09/01/17 22:55	09/05/17 17:37		1
1,2-Dichloroethane	ND		4.9	0.74	ug/Kg	09/01/17 22:55	09/05/17 17:37		1
1,1-Dichloroethene	ND		4.9	0.60	ug/Kg	09/01/17 22:55	09/05/17 17:37		1
cis-1,2-Dichloroethene	ND		4.9	0.66	ug/Kg	09/01/17 22:55	09/05/17 17:37		1
trans-1,2-Dichloroethene	ND		4.9	0.73	ug/Kg	09/01/17 22:55	09/05/17 17:37		1
1,2-Dichloropropane	ND		4.9	0.61	ug/Kg	09/01/17 22:55	09/05/17 17:37		1
cis-1,3-Dichloropropene	ND		4.9	0.67	ug/Kg	09/01/17 22:55	09/05/17 17:37		1
trans-1,3-Dichloropropene	ND		4.9	0.65	ug/Kg	09/01/17 22:55	09/05/17 17:37		1
Ethylbenzene	ND		4.9	0.73	ug/Kg	09/01/17 22:55	09/05/17 17:37		1
Hexachlorobutadiene	ND		4.9	0.88	ug/Kg	09/01/17 22:55	09/05/17 17:37		1
2-Hexanone	ND		49	9.7	ug/Kg	09/01/17 22:55	09/05/17 17:37		1
Isopropylbenzene	ND		4.9	0.66	ug/Kg	09/01/17 22:55	09/05/17 17:37		1
4-Isopropyltoluene	ND		4.9	2.4	ug/Kg	09/01/17 22:55	09/05/17 17:37		1
Methylene Chloride	ND		9.7	3.9	ug/Kg	09/01/17 22:55	09/05/17 17:37		1
4-Methyl-2-pentanone (MIBK)	ND		49	9.7	ug/Kg	09/01/17 22:55	09/05/17 17:37		1
Naphthalene	ND		9.7	1.5	ug/Kg	09/01/17 22:55	09/05/17 17:37		1
N-Propylbenzene	ND		4.9	0.64	ug/Kg	09/01/17 22:55	09/05/17 17:37		1
Styrene	ND		4.9	0.61	ug/Kg	09/01/17 22:55	09/05/17 17:37		1
1,1,1,2-Tetrachloroethane	ND		4.9	0.74	ug/Kg	09/01/17 22:55	09/05/17 17:37		1

TestAmerica Pleasanton

# Client Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

**Client Sample ID: SB-05-SO-5.0**

**Date Collected: 08/31/17 13:00**

**Date Received: 09/01/17 17:00**

**Lab Sample ID: 720-81635-3**

**Matrix: Solid**

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		4.9	0.73	ug/Kg		09/01/17 22:55	09/05/17 17:37	1
Tetrachloroethene	ND		4.9	0.65	ug/Kg		09/01/17 22:55	09/05/17 17:37	1
Toluene	ND		4.9	0.69	ug/Kg		09/01/17 22:55	09/05/17 17:37	1
1,2,3-Trichlorobenzene	ND		4.9	0.72	ug/Kg		09/01/17 22:55	09/05/17 17:37	1
1,2,4-Trichlorobenzene	ND		4.9	0.69	ug/Kg		09/01/17 22:55	09/05/17 17:37	1
1,1,1-Trichloroethane	ND		4.9	0.59	ug/Kg		09/01/17 22:55	09/05/17 17:37	1
1,1,2-Trichloroethane	ND		4.9	0.68	ug/Kg		09/01/17 22:55	09/05/17 17:37	1
Trichloroethene	ND		4.9	0.61	ug/Kg		09/01/17 22:55	09/05/17 17:37	1
Trichlorofluoromethane	ND		4.9	0.55	ug/Kg		09/01/17 22:55	09/05/17 17:37	1
1,2,3-Trichloropropane	ND		4.9	0.75	ug/Kg		09/01/17 22:55	09/05/17 17:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.9	2.0	ug/Kg		09/01/17 22:55	09/05/17 17:37	1
1,2,4-Trimethylbenzene	ND		4.9	1.6	ug/Kg		09/01/17 22:55	09/05/17 17:37	1
1,3,5-Trimethylbenzene	ND		4.9	0.63	ug/Kg		09/01/17 22:55	09/05/17 17:37	1
Vinyl acetate	ND		19	4.9	ug/Kg		09/01/17 22:55	09/05/17 17:37	1
Vinyl chloride	ND		4.9	0.71	ug/Kg		09/01/17 22:55	09/05/17 17:37	1
Xylenes, Total	ND		9.7	1.2	ug/Kg		09/01/17 22:55	09/05/17 17:37	1
2,2-Dichloropropane	ND		4.9	1.9	ug/Kg		09/01/17 22:55	09/05/17 17:37	1
Gasoline Range Organics (GRO) -C5-C12	ND		240	97	ug/Kg		09/01/17 22:55	09/05/17 17:37	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>		<b>Limits</b>			<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
4-Bromofluorobenzene	95			45 - 131			09/01/17 22:55	09/05/17 17:37	1
1,2-Dichloroethane-d4 (Surr)	119			60 - 140			09/01/17 22:55	09/05/17 17:37	1
Toluene-d8 (Surr)	100			58 - 140			09/01/17 22:55	09/05/17 17:37	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	0.0055	mg/Kg		09/05/17 12:00	09/06/17 19:24	1
Bis(2-chloroethyl)ether	ND		0.067	0.0070	mg/Kg		09/05/17 12:00	09/06/17 19:24	1
2-Chlorophenol	ND		0.067	0.0037	mg/Kg		09/05/17 12:00	09/06/17 19:24	1
1,3-Dichlorobenzene	ND		0.067	0.0040	mg/Kg		09/05/17 12:00	09/06/17 19:24	1
1,4-Dichlorobenzene	ND		0.067	0.0090	mg/Kg		09/05/17 12:00	09/06/17 19:24	1
Benzyl alcohol	ND		0.17	0.0052	mg/Kg		09/05/17 12:00	09/06/17 19:24	1
1,2-Dichlorobenzene	ND		0.067	0.0047	mg/Kg		09/05/17 12:00	09/06/17 19:24	1
2-Methylphenol	ND		0.067	0.0050	mg/Kg		09/05/17 12:00	09/06/17 19:24	1
Methylphenol, 3 & 4	ND		0.067	0.0095	mg/Kg		09/05/17 12:00	09/06/17 19:24	1
N-Nitrosodi-n-propylamine	ND		0.067	0.033	mg/Kg		09/05/17 12:00	09/06/17 19:24	1
Hexachloroethane	ND		0.067	0.033	mg/Kg		09/05/17 12:00	09/06/17 19:24	1
Nitrobenzene	ND		0.067	0.014	mg/Kg		09/05/17 12:00	09/06/17 19:24	1
Isophorone	ND		0.067	0.0047	mg/Kg		09/05/17 12:00	09/06/17 19:24	1
2-Nitrophenol	ND		0.067	0.033	mg/Kg		09/05/17 12:00	09/06/17 19:24	1
2,4-Dimethylphenol	ND		0.067	0.027	mg/Kg		09/05/17 12:00	09/06/17 19:24	1
Bis(2-chloroethoxy)methane	ND		0.17	0.0055	mg/Kg		09/05/17 12:00	09/06/17 19:24	1
2,4-Dichlorophenol	ND		0.33	0.0045	mg/Kg		09/05/17 12:00	09/06/17 19:24	1
1,2,4-Trichlorobenzene	ND		0.067	0.0070	mg/Kg		09/05/17 12:00	09/06/17 19:24	1
Naphthalene	ND		0.067	0.0048	mg/Kg		09/05/17 12:00	09/06/17 19:24	1
4-Chloroaniline	ND		0.17	0.0044	mg/Kg		09/05/17 12:00	09/06/17 19:24	1
Hexachlorobutadiene	ND		0.067	0.0052	mg/Kg		09/05/17 12:00	09/06/17 19:24	1
4-Chloro-3-methylphenol	ND		0.17	0.0054	mg/Kg		09/05/17 12:00	09/06/17 19:24	1
2-Methylnaphthalene	ND		0.067	0.0062	mg/Kg		09/05/17 12:00	09/06/17 19:24	1

TestAmerica Pleasanton

# Client Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

**Client Sample ID: SB-05-SO-5.0**

**Date Collected: 08/31/17 13:00**

**Date Received: 09/01/17 17:00**

**Lab Sample ID: 720-81635-3**

**Matrix: Solid**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorocyclopentadiene	ND		0.17	0.027	mg/Kg		09/05/17 12:00	09/06/17 19:24	1
2,4,6-Trichlorophenol	ND		0.17	0.0098	mg/Kg		09/05/17 12:00	09/06/17 19:24	1
2,4,5-Trichlorophenol	ND		0.067	0.0042	mg/Kg		09/05/17 12:00	09/06/17 19:24	1
2-Chloronaphthalene	ND		0.067	0.0048	mg/Kg		09/05/17 12:00	09/06/17 19:24	1
2-Nitroaniline	ND		0.33	0.034	mg/Kg		09/05/17 12:00	09/06/17 19:24	1
Dimethyl phthalate	ND		0.17	0.0058	mg/Kg		09/05/17 12:00	09/06/17 19:24	1
Acenaphthylene	ND		0.067	0.0056	mg/Kg		09/05/17 12:00	09/06/17 19:24	1
3-Nitroaniline	ND		0.17	0.039	mg/Kg		09/05/17 12:00	09/06/17 19:24	1
Acenaphthene	ND		0.067	0.0038	mg/Kg		09/05/17 12:00	09/06/17 19:24	1
2,4-Dinitrophenol	ND		0.66	0.066	mg/Kg		09/05/17 12:00	09/06/17 19:24	1
4-Nitrophenol	ND		0.33	0.034	mg/Kg		09/05/17 12:00	09/06/17 19:24	1
Dibenzofuran	ND		0.067	0.0053	mg/Kg		09/05/17 12:00	09/06/17 19:24	1
2,4-Dinitrotoluene	ND		0.067	0.033	mg/Kg		09/05/17 12:00	09/06/17 19:24	1
2,6-Dinitrotoluene	ND		0.067	0.034	mg/Kg		09/05/17 12:00	09/06/17 19:24	1
Diethyl phthalate	ND		0.17	0.0047	mg/Kg		09/05/17 12:00	09/06/17 19:24	1
4-Chlorophenyl phenyl ether	ND		0.17	0.0059	mg/Kg		09/05/17 12:00	09/06/17 19:24	1
Fluorene	ND		0.067	0.0040	mg/Kg		09/05/17 12:00	09/06/17 19:24	1
4-Nitroaniline	ND		0.33	0.033	mg/Kg		09/05/17 12:00	09/06/17 19:24	1
2-Methyl-4,6-dinitrophenol	ND		0.33	0.034	mg/Kg		09/05/17 12:00	09/06/17 19:24	1
N-Nitrosodiphenylamine	ND		0.067	0.0039	mg/Kg		09/05/17 12:00	09/06/17 19:24	1
4-Bromophenyl phenyl ether	ND		0.17	0.0051	mg/Kg		09/05/17 12:00	09/06/17 19:24	1
Hexachlorobenzene	ND		0.067	0.033	mg/Kg		09/05/17 12:00	09/06/17 19:24	1
Pentachlorophenol	ND		0.33	0.016	mg/Kg		09/05/17 12:00	09/06/17 19:24	1
Phenanthrene	ND		0.067	0.0046	mg/Kg		09/05/17 12:00	09/06/17 19:24	1
Anthracene	ND		0.067	0.0043	mg/Kg		09/05/17 12:00	09/06/17 19:24	1
Di-n-butyl phthalate	ND		0.17	0.033	mg/Kg		09/05/17 12:00	09/06/17 19:24	1
Fluoranthene	ND		0.067	0.0073	mg/Kg		09/05/17 12:00	09/06/17 19:24	1
Pyrene	ND		0.067	0.0038	mg/Kg		09/05/17 12:00	09/06/17 19:24	1
Butyl benzyl phthalate	ND		0.17	0.0054	mg/Kg		09/05/17 12:00	09/06/17 19:24	1
3,3'-Dichlorobenzidine	ND		0.17	0.010	mg/Kg		09/05/17 12:00	09/06/17 19:24	1
Benzo[a]anthracene	ND		0.33	0.018	mg/Kg		09/05/17 12:00	09/06/17 19:24	1
Bis(2-ethylhexyl) phthalate	ND		0.33	0.0066	mg/Kg		09/05/17 12:00	09/06/17 19:24	1
Chrysene	ND		0.067	0.033	mg/Kg		09/05/17 12:00	09/06/17 19:24	1
Di-n-octyl phthalate	ND		0.17	0.0048	mg/Kg		09/05/17 12:00	09/06/17 19:24	1
Benzo[b]fluoranthene	ND		0.067	0.0095	mg/Kg		09/05/17 12:00	09/06/17 19:24	1
Benzo[a]pyrene	ND		0.067	0.0066	mg/Kg		09/05/17 12:00	09/06/17 19:24	1
Benzo[k]fluoranthene	ND		0.067	0.014	mg/Kg		09/05/17 12:00	09/06/17 19:24	1
Indeno[1,2,3-cd]pyrene	ND		0.067	0.013	mg/Kg		09/05/17 12:00	09/06/17 19:24	1
Benzo[g,h,i]perylene	ND		0.067	0.020	mg/Kg		09/05/17 12:00	09/06/17 19:24	1
Benzoic acid	ND		0.33	0.034	mg/Kg		09/05/17 12:00	09/06/17 19:24	1
Azobenzene	ND		0.067	0.0058	mg/Kg		09/05/17 12:00	09/06/17 19:24	1
Dibenzo(a,h)anthracene	ND		0.067	0.015	mg/Kg		09/05/17 12:00	09/06/17 19:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	40		21 - 98			
2-Fluorobiphenyl	48		30 - 112			
Terphenyl-d14	60		59 - 134			
2-Fluorophenol	43		28 - 98			
Phenol-d5	47		23 - 101			
2,4,6-Tribromophenol	53		37 - 114			

TestAmerica Pleasanton

# Client Sample Results

Client: Haley & Aldrich, Inc.

Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	4.5		1.0		mg/Kg		09/06/17 14:54	09/07/17 02:33	1
Motor Oil Range Organics [C24-C36]	ND		50		mg/Kg		09/06/17 14:54	09/07/17 02:33	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
p-Terphenyl	86		40 - 130				09/06/17 14:54	09/07/17 02:33	1

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		50		ug/Kg		09/05/17 12:59	09/06/17 20:47	1
PCB-1221	ND		50		ug/Kg		09/05/17 12:59	09/06/17 20:47	1
PCB-1232	ND		50		ug/Kg		09/05/17 12:59	09/06/17 20:47	1
PCB-1242	ND		50		ug/Kg		09/05/17 12:59	09/06/17 20:47	1
PCB-1248	ND		50		ug/Kg		09/05/17 12:59	09/06/17 20:47	1
PCB-1254	ND		50		ug/Kg		09/05/17 12:59	09/06/17 20:47	1
PCB-1260	ND		50		ug/Kg		09/05/17 12:59	09/06/17 20:47	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
Tetrachloro-m-xylene	78		45 - 132				09/05/17 12:59	09/06/17 20:47	1
DCB Decachlorobiphenyl	85		42 - 146				09/05/17 12:59	09/06/17 20:47	1

## Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.6		mg/Kg		09/02/17 09:04	09/05/17 09:42	4
Arsenic	4.5		3.1		mg/Kg		09/02/17 09:04	09/05/17 09:42	4
Barium	160		1.6		mg/Kg		09/02/17 09:04	09/05/17 09:42	4
Beryllium	0.61		0.31		mg/Kg		09/02/17 09:04	09/05/17 09:42	4
Cadmium	ND		0.39		mg/Kg		09/02/17 09:04	09/05/17 09:42	4
Chromium	88		1.6		mg/Kg		09/02/17 09:04	09/05/17 09:42	4
Cobalt	8.4		0.62		mg/Kg		09/02/17 09:04	09/05/17 09:42	4
Copper	27		4.7		mg/Kg		09/02/17 09:04	09/05/17 09:42	4
Lead	7.7		1.6		mg/Kg		09/02/17 09:04	09/05/17 09:42	4
Molybdenum	ND		1.6		mg/Kg		09/02/17 09:04	09/05/17 09:42	4
Nickel	84		1.6		mg/Kg		09/02/17 09:04	09/05/17 09:42	4
Selenium	ND		3.1		mg/Kg		09/02/17 09:04	09/05/17 09:42	4
Silver	ND		0.78		mg/Kg		09/02/17 09:04	09/05/17 09:42	4
Thallium	13		1.6		mg/Kg		09/02/17 09:04	09/05/17 09:42	4
Vanadium	52		1.6		mg/Kg		09/02/17 09:04	09/05/17 09:42	4
Zinc	56		4.7		mg/Kg		09/02/17 09:04	09/05/17 09:42	4

## Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.032		0.016		mg/Kg		09/06/17 09:15	09/06/17 11:58	1

TestAmerica Pleasanton

# Client Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

**Client Sample ID: SB-04-SO-21**

**Date Collected: 08/31/17 13:20**

**Date Received: 09/01/17 17:00**

**Lab Sample ID: 720-81635-4**

**Matrix: Solid**

**Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		6.1	1.5	ug/Kg	09/01/17 22:55	09/06/17 13:25		1
Acetone	ND		61	47	ug/Kg	09/01/17 22:55	09/06/17 13:25		1
Benzene	ND		6.1	0.80	ug/Kg	09/01/17 22:55	09/06/17 13:25		1
Dichlorobromomethane	ND		6.1	0.88	ug/Kg	09/01/17 22:55	09/06/17 13:25		1
Bromobenzene	ND *		6.1	0.97	ug/Kg	09/01/17 22:55	09/06/17 13:25		1
Chlorobromomethane	ND		25	0.88	ug/Kg	09/01/17 22:55	09/06/17 13:25		1
Bromoform	ND		6.1	2.5	ug/Kg	09/01/17 22:55	09/06/17 13:25		1
Bromomethane	ND		12	0.97	ug/Kg	09/01/17 22:55	09/06/17 13:25		1
2-Butanone (MEK)	ND		61	26	ug/Kg	09/01/17 22:55	09/06/17 13:25		1
n-Butylbenzene	ND *		6.1	1.2	ug/Kg	09/01/17 22:55	09/06/17 13:25		1
sec-Butylbenzene	ND *		6.1	0.88	ug/Kg	09/01/17 22:55	09/06/17 13:25		1
tert-Butylbenzene	ND *		6.1	0.90	ug/Kg	09/01/17 22:55	09/06/17 13:25		1
Carbon disulfide	ND		6.1	2.5	ug/Kg	09/01/17 22:55	09/06/17 13:25		1
Carbon tetrachloride	ND		6.1	0.76	ug/Kg	09/01/17 22:55	09/06/17 13:25		1
Chlorobenzene	ND		6.1	0.85	ug/Kg	09/01/17 22:55	09/06/17 13:25		1
Chloroethane	ND		12	0.69	ug/Kg	09/01/17 22:55	09/06/17 13:25		1
Chloroform	ND		6.1	0.81	ug/Kg	09/01/17 22:55	09/06/17 13:25		1
Chloromethane	ND		12	0.88	ug/Kg	09/01/17 22:55	09/06/17 13:25		1
2-Chlorotoluene	ND *		6.1	0.80	ug/Kg	09/01/17 22:55	09/06/17 13:25		1
4-Chlorotoluene	ND *		6.1	0.83	ug/Kg	09/01/17 22:55	09/06/17 13:25		1
Chlorodibromomethane	ND		6.1	0.87	ug/Kg	09/01/17 22:55	09/06/17 13:25		1
1,2-Dichlorobenzene	ND *		6.1	0.83	ug/Kg	09/01/17 22:55	09/06/17 13:25		1
1,3-Dichlorobenzene	ND *		6.1	0.88	ug/Kg	09/01/17 22:55	09/06/17 13:25		1
1,4-Dichlorobenzene	ND *		6.1	0.87	ug/Kg	09/01/17 22:55	09/06/17 13:25		1
1,3-Dichloropropane	ND		6.1	0.90	ug/Kg	09/01/17 22:55	09/06/17 13:25		1
1,1-Dichloropropene	ND		6.1	0.85	ug/Kg	09/01/17 22:55	09/06/17 13:25		1
1,2-Dibromo-3-Chloropropane	ND *		12	2.1	ug/Kg	09/01/17 22:55	09/06/17 13:25		1
Ethylene Dibromide	ND		6.1	1.8	ug/Kg	09/01/17 22:55	09/06/17 13:25		1
Dibromomethane	ND		12	1.1	ug/Kg	09/01/17 22:55	09/06/17 13:25		1
Dichlorodifluoromethane	ND		12	0.97	ug/Kg	09/01/17 22:55	09/06/17 13:25		1
1,1-Dichloroethane	ND		6.1	0.83	ug/Kg	09/01/17 22:55	09/06/17 13:25		1
1,2-Dichloroethane	ND		6.1	0.93	ug/Kg	09/01/17 22:55	09/06/17 13:25		1
1,1-Dichloroethene	ND		6.1	0.76	ug/Kg	09/01/17 22:55	09/06/17 13:25		1
cis-1,2-Dichloroethene	ND		6.1	0.83	ug/Kg	09/01/17 22:55	09/06/17 13:25		1
trans-1,2-Dichloroethene	ND		6.1	0.92	ug/Kg	09/01/17 22:55	09/06/17 13:25		1
1,2-Dichloropropane	ND		6.1	0.77	ug/Kg	09/01/17 22:55	09/06/17 13:25		1
cis-1,3-Dichloropropene	ND		6.1	0.85	ug/Kg	09/01/17 22:55	09/06/17 13:25		1
trans-1,3-Dichloropropene	ND		6.1	0.82	ug/Kg	09/01/17 22:55	09/06/17 13:25		1
Ethylbenzene	ND		6.1	0.92	ug/Kg	09/01/17 22:55	09/06/17 13:25		1
Hexachlorobutadiene	ND *		6.1	1.1	ug/Kg	09/01/17 22:55	09/06/17 13:25		1
2-Hexanone	ND		61	12	ug/Kg	09/01/17 22:55	09/06/17 13:25		1
Isopropylbenzene	ND		6.1	0.83	ug/Kg	09/01/17 22:55	09/06/17 13:25		1
4-Isopropyltoluene	ND *		6.1	3.1	ug/Kg	09/01/17 22:55	09/06/17 13:25		1
Methylene Chloride	ND		12	4.9	ug/Kg	09/01/17 22:55	09/06/17 13:25		1
4-Methyl-2-pentanone (MIBK)	ND		61	12	ug/Kg	09/01/17 22:55	09/06/17 13:25		1
Naphthalene	ND *		12	1.8	ug/Kg	09/01/17 22:55	09/06/17 13:25		1
N-Propylbenzene	ND *		6.1	0.81	ug/Kg	09/01/17 22:55	09/06/17 13:25		1
Styrene	ND		6.1	0.77	ug/Kg	09/01/17 22:55	09/06/17 13:25		1
1,1,1,2-Tetrachloroethane	ND		6.1	0.93	ug/Kg	09/01/17 22:55	09/06/17 13:25		1

TestAmerica Pleasanton

# Client Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

**Client Sample ID: SB-04-SO-21**

**Lab Sample ID: 720-81635-4**

Date Collected: 08/31/17 13:20

Matrix: Solid

Date Received: 09/01/17 17:00

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND *		6.1	0.92	ug/Kg		09/01/17 22:55	09/06/17 13:25	1
Tetrachloroethene	ND		6.1	0.82	ug/Kg		09/01/17 22:55	09/06/17 13:25	1
Toluene	ND		6.1	0.87	ug/Kg		09/01/17 22:55	09/06/17 13:25	1
1,2,3-Trichlorobenzene	ND *		6.1	0.91	ug/Kg		09/01/17 22:55	09/06/17 13:25	1
1,2,4-Trichlorobenzene	ND *		6.1	0.87	ug/Kg		09/01/17 22:55	09/06/17 13:25	1
1,1,1-Trichloroethane	ND		6.1	0.75	ug/Kg		09/01/17 22:55	09/06/17 13:25	1
1,1,2-Trichloroethane	ND		6.1	0.86	ug/Kg		09/01/17 22:55	09/06/17 13:25	1
Trichloroethene	ND		6.1	0.77	ug/Kg		09/01/17 22:55	09/06/17 13:25	1
Trichlorofluoromethane	ND		6.1	0.69	ug/Kg		09/01/17 22:55	09/06/17 13:25	1
1,2,3-Trichloropropane	ND *		6.1	0.95	ug/Kg		09/01/17 22:55	09/06/17 13:25	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.1	2.6	ug/Kg		09/01/17 22:55	09/06/17 13:25	1
1,2,4-Trimethylbenzene	ND *		6.1	2.0	ug/Kg		09/01/17 22:55	09/06/17 13:25	1
1,3,5-Trimethylbenzene	ND *		6.1	0.80	ug/Kg		09/01/17 22:55	09/06/17 13:25	1
Vinyl acetate	ND		25	6.1	ug/Kg		09/01/17 22:55	09/06/17 13:25	1
Vinyl chloride	ND		6.1	0.90	ug/Kg		09/01/17 22:55	09/06/17 13:25	1
Xylenes, Total	ND		12	1.5	ug/Kg		09/01/17 22:55	09/06/17 13:25	1
2,2-Dichloropropane	ND		6.1	2.5	ug/Kg		09/01/17 22:55	09/06/17 13:25	1
Gasoline Range Organics (GRO) -C5-C12	ND		310	120	ug/Kg		09/01/17 22:55	09/06/17 13:25	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>		<b>Limits</b>			<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
4-Bromofluorobenzene	74			45 - 131			09/01/17 22:55	09/06/17 13:25	1
1,2-Dichloroethane-d4 (Surr)	105			60 - 140			09/01/17 22:55	09/06/17 13:25	1
Toluene-d8 (Surr)	88			58 - 140			09/01/17 22:55	09/06/17 13:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	7.1		1.0		mg/Kg		09/06/17 14:54	09/07/17 03:31	1
Motor Oil Range Organics [C24-C36]	ND		50		mg/Kg		09/06/17 14:54	09/07/17 03:31	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>		<b>Limits</b>			<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
p-Terphenyl	76			40 - 130			09/06/17 14:54	09/07/17 03:31	1

## Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.4		mg/Kg		09/02/17 09:04	09/05/17 09:54	4
Arsenic	5.3		2.8		mg/Kg		09/02/17 09:04	09/05/17 09:54	4
Barium	140		1.4		mg/Kg		09/02/17 09:04	09/05/17 09:54	4
Beryllium	0.55		0.28		mg/Kg		09/02/17 09:04	09/05/17 09:54	4
Cadmium	ND		0.35		mg/Kg		09/02/17 09:04	09/05/17 09:54	4
Chromium	57		1.4		mg/Kg		09/02/17 09:04	09/05/17 09:54	4
Cobalt	10		0.56		mg/Kg		09/02/17 09:04	09/05/17 09:54	4
Copper	31		4.2		mg/Kg		09/02/17 09:04	09/05/17 09:54	4
Lead	6.3		1.4		mg/Kg		09/02/17 09:04	09/05/17 09:54	4
Molybdenum	ND		1.4		mg/Kg		09/02/17 09:04	09/05/17 09:54	4
Nickel	69		1.4		mg/Kg		09/02/17 09:04	09/05/17 09:54	4
Selenium	3.9		2.8		mg/Kg		09/02/17 09:04	09/05/17 09:54	4
Silver	ND		0.69		mg/Kg		09/02/17 09:04	09/05/17 09:54	4
Thallium	12		1.4		mg/Kg		09/02/17 09:04	09/05/17 09:54	4
Vanadium	48		1.4		mg/Kg		09/02/17 09:04	09/05/17 09:54	4
Zinc	53		4.2		mg/Kg		09/02/17 09:04	09/05/17 09:54	4

TestAmerica Pleasanton

# Client Sample Results

Client: Haley & Aldrich, Inc.

Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

## Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.045		0.017		mg/Kg	D	09/06/17 09:15	09/06/17 12:00	1

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TestAmerica Pleasanton

# Client Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

**Client Sample ID: SB-01-SO-1.5**

Date Collected: 08/31/17 14:25

Date Received: 09/01/17 17:00

**Lab Sample ID: 720-81635-5**

Matrix: Solid

**Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		5.8	1.4	ug/Kg	09/01/17 22:55	09/06/17 21:26		1
Acetone	ND		58	44	ug/Kg	09/01/17 22:55	09/06/17 21:26		1
Benzene	ND		5.8	0.75	ug/Kg	09/01/17 22:55	09/06/17 21:26		1
Dichlorobromomethane	ND		5.8	0.83	ug/Kg	09/01/17 22:55	09/06/17 21:26		1
Bromobenzene	ND		5.8	0.91	ug/Kg	09/01/17 22:55	09/06/17 21:26		1
Chlorobromomethane	ND		23	0.83	ug/Kg	09/01/17 22:55	09/06/17 21:26		1
Bromoform	ND		5.8	2.3	ug/Kg	09/01/17 22:55	09/06/17 21:26		1
Bromomethane	ND		12	0.91	ug/Kg	09/01/17 22:55	09/06/17 21:26		1
2-Butanone (MEK)	ND		58	24	ug/Kg	09/01/17 22:55	09/06/17 21:26		1
n-Butylbenzene	ND		5.8	1.2	ug/Kg	09/01/17 22:55	09/06/17 21:26		1
sec-Butylbenzene	ND		5.8	0.83	ug/Kg	09/01/17 22:55	09/06/17 21:26		1
tert-Butylbenzene	ND		5.8	0.84	ug/Kg	09/01/17 22:55	09/06/17 21:26		1
Carbon disulfide	ND		5.8	2.3	ug/Kg	09/01/17 22:55	09/06/17 21:26		1
Carbon tetrachloride	ND		5.8	0.71	ug/Kg	09/01/17 22:55	09/06/17 21:26		1
Chlorobenzene	ND		5.8	0.79	ug/Kg	09/01/17 22:55	09/06/17 21:26		1
Chloroethane	ND		12	0.65	ug/Kg	09/01/17 22:55	09/06/17 21:26		1
Chloroform	ND		5.8	0.76	ug/Kg	09/01/17 22:55	09/06/17 21:26		1
Chloromethane	ND		12	0.83	ug/Kg	09/01/17 22:55	09/06/17 21:26		1
2-Chlorotoluene	ND		5.8	0.75	ug/Kg	09/01/17 22:55	09/06/17 21:26		1
4-Chlorotoluene	ND		5.8	0.78	ug/Kg	09/01/17 22:55	09/06/17 21:26		1
Chlorodibromomethane	ND		5.8	0.82	ug/Kg	09/01/17 22:55	09/06/17 21:26		1
1,2-Dichlorobenzene	ND		5.8	0.78	ug/Kg	09/01/17 22:55	09/06/17 21:26		1
1,3-Dichlorobenzene	ND		5.8	0.83	ug/Kg	09/01/17 22:55	09/06/17 21:26		1
1,4-Dichlorobenzene	ND		5.8	0.82	ug/Kg	09/01/17 22:55	09/06/17 21:26		1
1,3-Dichloropropane	ND		5.8	0.84	ug/Kg	09/01/17 22:55	09/06/17 21:26		1
1,1-Dichloropropene	ND		5.8	0.79	ug/Kg	09/01/17 22:55	09/06/17 21:26		1
1,2-Dibromo-3-Chloropropane	ND		12	2.0	ug/Kg	09/01/17 22:55	09/06/17 21:26		1
Ethylene Dibromide	ND		5.8	1.6	ug/Kg	09/01/17 22:55	09/06/17 21:26		1
Dibromomethane	ND		12	0.99	ug/Kg	09/01/17 22:55	09/06/17 21:26		1
Dichlorodifluoromethane	ND		12	0.91	ug/Kg	09/01/17 22:55	09/06/17 21:26		1
1,1-Dichloroethane	ND		5.8	0.78	ug/Kg	09/01/17 22:55	09/06/17 21:26		1
1,2-Dichloroethane	ND		5.8	0.88	ug/Kg	09/01/17 22:55	09/06/17 21:26		1
1,1-Dichloroethene	ND		5.8	0.71	ug/Kg	09/01/17 22:55	09/06/17 21:26		1
cis-1,2-Dichloroethene	ND		5.8	0.78	ug/Kg	09/01/17 22:55	09/06/17 21:26		1
trans-1,2-Dichloroethene	ND		5.8	0.86	ug/Kg	09/01/17 22:55	09/06/17 21:26		1
1,2-Dichloropropane	ND		5.8	0.73	ug/Kg	09/01/17 22:55	09/06/17 21:26		1
cis-1,3-Dichloropropene	ND		5.8	0.79	ug/Kg	09/01/17 22:55	09/06/17 21:26		1
trans-1,3-Dichloropropene	ND		5.8	0.77	ug/Kg	09/01/17 22:55	09/06/17 21:26		1
Ethylbenzene	ND		5.8	0.86	ug/Kg	09/01/17 22:55	09/06/17 21:26		1
Hexachlorobutadiene	ND		5.8	1.0	ug/Kg	09/01/17 22:55	09/06/17 21:26		1
2-Hexanone	ND		58	12	ug/Kg	09/01/17 22:55	09/06/17 21:26		1
Isopropylbenzene	ND		5.8	0.78	ug/Kg	09/01/17 22:55	09/06/17 21:26		1
4-Isopropyltoluene	ND		5.8	2.9	ug/Kg	09/01/17 22:55	09/06/17 21:26		1
Methylene Chloride	ND		12	4.6	ug/Kg	09/01/17 22:55	09/06/17 21:26		1
4-Methyl-2-pentanone (MIBK)	ND		58	12	ug/Kg	09/01/17 22:55	09/06/17 21:26		1
Naphthalene	ND		12	1.7	ug/Kg	09/01/17 22:55	09/06/17 21:26		1
N-Propylbenzene	ND		5.8	0.76	ug/Kg	09/01/17 22:55	09/06/17 21:26		1
Styrene	ND		5.8	0.73	ug/Kg	09/01/17 22:55	09/06/17 21:26		1
1,1,1,2-Tetrachloroethane	ND		5.8	0.88	ug/Kg	09/01/17 22:55	09/06/17 21:26		1

TestAmerica Pleasanton

# Client Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

**Client Sample ID: SB-01-SO-1.5**

**Date Collected: 08/31/17 14:25**

**Date Received: 09/01/17 17:00**

**Lab Sample ID: 720-81635-5**

**Matrix: Solid**

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		5.8	0.86	ug/Kg		09/01/17 22:55	09/06/17 21:26	1
Tetrachloroethene	ND		5.8	0.77	ug/Kg		09/01/17 22:55	09/06/17 21:26	1
Toluene	ND		5.8	0.82	ug/Kg		09/01/17 22:55	09/06/17 21:26	1
1,2,3-Trichlorobenzene	ND		5.8	0.85	ug/Kg		09/01/17 22:55	09/06/17 21:26	1
1,2,4-Trichlorobenzene	ND		5.8	0.82	ug/Kg		09/01/17 22:55	09/06/17 21:26	1
1,1,1-Trichloroethane	ND		5.8	0.70	ug/Kg		09/01/17 22:55	09/06/17 21:26	1
1,1,2-Trichloroethane	ND		5.8	0.81	ug/Kg		09/01/17 22:55	09/06/17 21:26	1
Trichloroethene	ND		5.8	0.73	ug/Kg		09/01/17 22:55	09/06/17 21:26	1
Trichlorofluoromethane	ND		5.8	0.65	ug/Kg		09/01/17 22:55	09/06/17 21:26	1
1,2,3-Trichloropropane	ND		5.8	0.89	ug/Kg		09/01/17 22:55	09/06/17 21:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.8	2.4	ug/Kg		09/01/17 22:55	09/06/17 21:26	1
1,2,4-Trimethylbenzene	ND		5.8	1.9	ug/Kg		09/01/17 22:55	09/06/17 21:26	1
1,3,5-Trimethylbenzene	ND		5.8	0.75	ug/Kg		09/01/17 22:55	09/06/17 21:26	1
Vinyl acetate	ND		23	5.8	ug/Kg		09/01/17 22:55	09/06/17 21:26	1
Vinyl chloride	ND		5.8	0.84	ug/Kg		09/01/17 22:55	09/06/17 21:26	1
Xylenes, Total	ND		12	1.4	ug/Kg		09/01/17 22:55	09/06/17 21:26	1
2,2-Dichloropropane	ND		5.8	2.3	ug/Kg		09/01/17 22:55	09/06/17 21:26	1
Gasoline Range Organics (GRO) -C5-C12	ND		290	120	ug/Kg		09/01/17 22:55	09/06/17 21:26	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>			<b>D</b>	<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
4-Bromofluorobenzene	96		45 - 131				09/01/17 22:55	09/06/17 21:26	1
1,2-Dichloroethane-d4 (Surr)	107		60 - 140				09/01/17 22:55	09/06/17 21:26	1
Toluene-d8 (Surr)	105		58 - 140				09/01/17 22:55	09/06/17 21:26	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	0.0055	mg/Kg		09/05/17 12:00	09/06/17 19:47	1
Bis(2-chloroethyl)ether	ND		0.067	0.0070	mg/Kg		09/05/17 12:00	09/06/17 19:47	1
2-Chlorophenol	ND		0.067	0.0037	mg/Kg		09/05/17 12:00	09/06/17 19:47	1
1,3-Dichlorobenzene	ND		0.067	0.0040	mg/Kg		09/05/17 12:00	09/06/17 19:47	1
1,4-Dichlorobenzene	ND		0.067	0.0090	mg/Kg		09/05/17 12:00	09/06/17 19:47	1
Benzyl alcohol	ND		0.17	0.0052	mg/Kg		09/05/17 12:00	09/06/17 19:47	1
1,2-Dichlorobenzene	ND		0.067	0.0047	mg/Kg		09/05/17 12:00	09/06/17 19:47	1
2-Methylphenol	ND		0.067	0.0050	mg/Kg		09/05/17 12:00	09/06/17 19:47	1
Methylphenol, 3 & 4	ND		0.067	0.0095	mg/Kg		09/05/17 12:00	09/06/17 19:47	1
N-Nitrosodi-n-propylamine	ND		0.067	0.033	mg/Kg		09/05/17 12:00	09/06/17 19:47	1
Hexachloroethane	ND		0.067	0.033	mg/Kg		09/05/17 12:00	09/06/17 19:47	1
Nitrobenzene	ND		0.067	0.014	mg/Kg		09/05/17 12:00	09/06/17 19:47	1
Isophorone	ND		0.067	0.0047	mg/Kg		09/05/17 12:00	09/06/17 19:47	1
2-Nitrophenol	ND		0.067	0.033	mg/Kg		09/05/17 12:00	09/06/17 19:47	1
2,4-Dimethylphenol	ND		0.067	0.027	mg/Kg		09/05/17 12:00	09/06/17 19:47	1
Bis(2-chloroethoxy)methane	ND		0.17	0.0055	mg/Kg		09/05/17 12:00	09/06/17 19:47	1
2,4-Dichlorophenol	ND		0.33	0.0045	mg/Kg		09/05/17 12:00	09/06/17 19:47	1
1,2,4-Trichlorobenzene	ND		0.067	0.0070	mg/Kg		09/05/17 12:00	09/06/17 19:47	1
Naphthalene	ND		0.067	0.0048	mg/Kg		09/05/17 12:00	09/06/17 19:47	1
4-Chloroaniline	ND		0.17	0.0044	mg/Kg		09/05/17 12:00	09/06/17 19:47	1
Hexachlorobutadiene	ND		0.067	0.0052	mg/Kg		09/05/17 12:00	09/06/17 19:47	1
4-Chloro-3-methylphenol	ND		0.17	0.0054	mg/Kg		09/05/17 12:00	09/06/17 19:47	1
2-Methylnaphthalene	ND		0.067	0.0062	mg/Kg		09/05/17 12:00	09/06/17 19:47	1

TestAmerica Pleasanton

# Client Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

**Client Sample ID: SB-01-SO-1.5**

**Lab Sample ID: 720-81635-5**

Date Collected: 08/31/17 14:25

Matrix: Solid

Date Received: 09/01/17 17:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorocyclopentadiene	ND		0.17	0.027	mg/Kg		09/05/17 12:00	09/06/17 19:47	1
2,4,6-Trichlorophenol	ND		0.17	0.0098	mg/Kg		09/05/17 12:00	09/06/17 19:47	1
2,4,5-Trichlorophenol	ND		0.067	0.0042	mg/Kg		09/05/17 12:00	09/06/17 19:47	1
2-Chloronaphthalene	ND		0.067	0.0048	mg/Kg		09/05/17 12:00	09/06/17 19:47	1
2-Nitroaniline	ND		0.33	0.034	mg/Kg		09/05/17 12:00	09/06/17 19:47	1
Dimethyl phthalate	ND		0.17	0.0058	mg/Kg		09/05/17 12:00	09/06/17 19:47	1
Acenaphthylene	ND		0.067	0.0056	mg/Kg		09/05/17 12:00	09/06/17 19:47	1
3-Nitroaniline	ND		0.17	0.039	mg/Kg		09/05/17 12:00	09/06/17 19:47	1
Acenaphthene	ND		0.067	0.0038	mg/Kg		09/05/17 12:00	09/06/17 19:47	1
2,4-Dinitrophenol	ND		0.66	0.066	mg/Kg		09/05/17 12:00	09/06/17 19:47	1
4-Nitrophenol	ND		0.33	0.034	mg/Kg		09/05/17 12:00	09/06/17 19:47	1
Dibenzofuran	ND		0.067	0.0053	mg/Kg		09/05/17 12:00	09/06/17 19:47	1
2,4-Dinitrotoluene	ND		0.067	0.033	mg/Kg		09/05/17 12:00	09/06/17 19:47	1
2,6-Dinitrotoluene	ND		0.067	0.034	mg/Kg		09/05/17 12:00	09/06/17 19:47	1
Diethyl phthalate	ND		0.17	0.0047	mg/Kg		09/05/17 12:00	09/06/17 19:47	1
4-Chlorophenyl phenyl ether	ND		0.17	0.0059	mg/Kg		09/05/17 12:00	09/06/17 19:47	1
Fluorene	ND		0.067	0.0040	mg/Kg		09/05/17 12:00	09/06/17 19:47	1
4-Nitroaniline	ND		0.33	0.033	mg/Kg		09/05/17 12:00	09/06/17 19:47	1
2-Methyl-4,6-dinitrophenol	ND		0.33	0.034	mg/Kg		09/05/17 12:00	09/06/17 19:47	1
N-Nitrosodiphenylamine	ND		0.067	0.0039	mg/Kg		09/05/17 12:00	09/06/17 19:47	1
4-Bromophenyl phenyl ether	ND		0.17	0.0051	mg/Kg		09/05/17 12:00	09/06/17 19:47	1
Hexachlorobenzene	ND		0.067	0.033	mg/Kg		09/05/17 12:00	09/06/17 19:47	1
Pentachlorophenol	ND		0.33	0.016	mg/Kg		09/05/17 12:00	09/06/17 19:47	1
Phenanthrene	ND		0.067	0.0046	mg/Kg		09/05/17 12:00	09/06/17 19:47	1
Anthracene	ND		0.067	0.0043	mg/Kg		09/05/17 12:00	09/06/17 19:47	1
Di-n-butyl phthalate	ND		0.17	0.033	mg/Kg		09/05/17 12:00	09/06/17 19:47	1
Fluoranthene	ND		0.067	0.0073	mg/Kg		09/05/17 12:00	09/06/17 19:47	1
Pyrene	ND		0.067	0.0038	mg/Kg		09/05/17 12:00	09/06/17 19:47	1
Butyl benzyl phthalate	ND		0.17	0.0054	mg/Kg		09/05/17 12:00	09/06/17 19:47	1
3,3'-Dichlorobenzidine	ND		0.17	0.010	mg/Kg		09/05/17 12:00	09/06/17 19:47	1
Benzo[a]anthracene	ND		0.33	0.018	mg/Kg		09/05/17 12:00	09/06/17 19:47	1
Bis(2-ethylhexyl) phthalate	ND		0.33	0.0066	mg/Kg		09/05/17 12:00	09/06/17 19:47	1
Chrysene	ND		0.067	0.033	mg/Kg		09/05/17 12:00	09/06/17 19:47	1
Di-n-octyl phthalate	ND		0.17	0.0048	mg/Kg		09/05/17 12:00	09/06/17 19:47	1
Benzo[b]fluoranthene	ND		0.067	0.0095	mg/Kg		09/05/17 12:00	09/06/17 19:47	1
Benzo[a]pyrene	ND		0.067	0.0066	mg/Kg		09/05/17 12:00	09/06/17 19:47	1
Benzo[k]fluoranthene	ND		0.067	0.014	mg/Kg		09/05/17 12:00	09/06/17 19:47	1
Indeno[1,2,3-cd]pyrene	ND		0.067	0.013	mg/Kg		09/05/17 12:00	09/06/17 19:47	1
Benzo[g,h,i]perylene	ND		0.067	0.020	mg/Kg		09/05/17 12:00	09/06/17 19:47	1
Benzoic acid	ND		0.33	0.034	mg/Kg		09/05/17 12:00	09/06/17 19:47	1
Azobenzene	ND		0.067	0.0058	mg/Kg		09/05/17 12:00	09/06/17 19:47	1
Dibenzo(a,h)anthracene	ND		0.067	0.015	mg/Kg		09/05/17 12:00	09/06/17 19:47	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
Nitrobenzene-d5	34		21 - 98				09/05/17 12:00	09/06/17 19:47	1
2-Fluorobiphenyl	31		30 - 112				09/05/17 12:00	09/06/17 19:47	1
Terphenyl-d14	65		59 - 134				09/05/17 12:00	09/06/17 19:47	1
2-Fluorophenol	42		28 - 98				09/05/17 12:00	09/06/17 19:47	1
Phenol-d5	47		23 - 101				09/05/17 12:00	09/06/17 19:47	1
2,4,6-Tribromophenol	48		37 - 114				09/05/17 12:00	09/06/17 19:47	1

TestAmerica Pleasanton

# Client Sample Results

Client: Haley & Aldrich, Inc.

Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	8.8		1.0		mg/Kg	D	09/06/17 14:54	09/07/17 03:02	1
Motor Oil Range Organics [C24-C36]	ND		50		mg/Kg		09/06/17 14:54	09/07/17 03:02	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
p-Terphenyl	71		40 - 130				09/06/17 14:54	09/07/17 03:02	1

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		49		ug/Kg	D	09/05/17 12:59	09/06/17 21:04	1
PCB-1221	ND		49		ug/Kg		09/05/17 12:59	09/06/17 21:04	1
PCB-1232	ND		49		ug/Kg		09/05/17 12:59	09/06/17 21:04	1
PCB-1242	ND		49		ug/Kg		09/05/17 12:59	09/06/17 21:04	1
PCB-1248	ND		49		ug/Kg		09/05/17 12:59	09/06/17 21:04	1
PCB-1254	ND		49		ug/Kg		09/05/17 12:59	09/06/17 21:04	1
PCB-1260	ND		49		ug/Kg		09/05/17 12:59	09/06/17 21:04	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
Tetrachloro-m-xylene	78		45 - 132				09/05/17 12:59	09/06/17 21:04	1
DCB Decachlorobiphenyl	90		42 - 146				09/05/17 12:59	09/06/17 21:04	1

## Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.5		mg/Kg	D	09/02/17 09:04	09/05/17 09:59	4
Arsenic	ND		3.0		mg/Kg		09/02/17 09:04	09/05/17 09:59	4
<b>Barium</b>	<b>250</b>		1.5		mg/Kg	D	09/02/17 09:04	09/05/17 09:59	4
<b>Beryllium</b>	<b>0.73</b>		0.30		mg/Kg		09/02/17 09:04	09/05/17 09:59	4
Cadmium	ND		0.38		mg/Kg		09/02/17 09:04	09/05/17 09:59	4
<b>Chromium</b>	<b>57</b>		1.5		mg/Kg		09/02/17 09:04	09/05/17 09:59	4
<b>Cobalt</b>	<b>7.4</b>		0.61		mg/Kg		09/02/17 09:04	09/05/17 09:59	4
<b>Copper</b>	<b>26</b>		4.5		mg/Kg		09/02/17 09:04	09/05/17 09:59	4
<b>Lead</b>	<b>11</b>		1.5		mg/Kg		09/02/17 09:04	09/05/17 09:59	4
Molybdenum	ND		1.5		mg/Kg		09/02/17 09:04	09/05/17 09:59	4
<b>Nickel</b>	<b>50</b>		1.5		mg/Kg		09/02/17 09:04	09/05/17 09:59	4
Selenium	ND		3.0		mg/Kg		09/02/17 09:04	09/05/17 09:59	4
Silver	ND		0.76		mg/Kg		09/02/17 09:04	09/05/17 09:59	4
<b>Thallium</b>	<b>10</b>		1.5		mg/Kg		09/02/17 09:04	09/05/17 09:59	4
<b>Vanadium</b>	<b>40</b>		1.5		mg/Kg		09/02/17 09:04	09/05/17 09:59	4
<b>Zinc</b>	<b>49</b>		4.5		mg/Kg		09/02/17 09:04	09/05/17 09:59	4

## Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.089		0.015		mg/Kg	D	09/06/17 09:15	09/06/17 12:07	1

TestAmerica Pleasanton

# Client Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

**Client Sample ID: SB-01-SO-17**

Date Collected: 08/31/17 14:55

Date Received: 09/01/17 17:00

**Lab Sample ID: 720-81635-6**

Matrix: Solid

**Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		6.0	1.4	ug/Kg	09/01/17 22:55	09/06/17 14:22	1	
Acetone	ND		60	46	ug/Kg	09/01/17 22:55	09/06/17 14:22	1	
Benzene	ND		6.0	0.78	ug/Kg	09/01/17 22:55	09/06/17 14:22	1	
Dichlorobromomethane	ND		6.0	0.86	ug/Kg	09/01/17 22:55	09/06/17 14:22	1	
Bromobenzene	ND		6.0	0.95	ug/Kg	09/01/17 22:55	09/06/17 14:22	1	
Chlorobromomethane	ND		24	0.86	ug/Kg	09/01/17 22:55	09/06/17 14:22	1	
Bromoform	ND		6.0	2.4	ug/Kg	09/01/17 22:55	09/06/17 14:22	1	
Bromomethane	ND		12	0.95	ug/Kg	09/01/17 22:55	09/06/17 14:22	1	
2-Butanone (MEK)	ND		60	25	ug/Kg	09/01/17 22:55	09/06/17 14:22	1	
n-Butylbenzene	ND		6.0	1.2	ug/Kg	09/01/17 22:55	09/06/17 14:22	1	
sec-Butylbenzene	ND		6.0	0.86	ug/Kg	09/01/17 22:55	09/06/17 14:22	1	
tert-Butylbenzene	ND		6.0	0.88	ug/Kg	09/01/17 22:55	09/06/17 14:22	1	
Carbon disulfide	ND		6.0	2.4	ug/Kg	09/01/17 22:55	09/06/17 14:22	1	
Carbon tetrachloride	ND		6.0	0.74	ug/Kg	09/01/17 22:55	09/06/17 14:22	1	
Chlorobenzene	ND		6.0	0.83	ug/Kg	09/01/17 22:55	09/06/17 14:22	1	
Chloroethane	ND		12	0.67	ug/Kg	09/01/17 22:55	09/06/17 14:22	1	
Chloroform	ND		6.0	0.79	ug/Kg	09/01/17 22:55	09/06/17 14:22	1	
Chloromethane	ND		12	0.86	ug/Kg	09/01/17 22:55	09/06/17 14:22	1	
2-Chlorotoluene	ND		6.0	0.78	ug/Kg	09/01/17 22:55	09/06/17 14:22	1	
4-Chlorotoluene	ND		6.0	0.82	ug/Kg	09/01/17 22:55	09/06/17 14:22	1	
Chlorodibromomethane	ND		6.0	0.85	ug/Kg	09/01/17 22:55	09/06/17 14:22	1	
1,2-Dichlorobenzene	ND		6.0	0.82	ug/Kg	09/01/17 22:55	09/06/17 14:22	1	
1,3-Dichlorobenzene	ND		6.0	0.86	ug/Kg	09/01/17 22:55	09/06/17 14:22	1	
1,4-Dichlorobenzene	ND		6.0	0.85	ug/Kg	09/01/17 22:55	09/06/17 14:22	1	
1,3-Dichloropropane	ND		6.0	0.88	ug/Kg	09/01/17 22:55	09/06/17 14:22	1	
1,1-Dichloropropene	ND		6.0	0.83	ug/Kg	09/01/17 22:55	09/06/17 14:22	1	
1,2-Dibromo-3-Chloropropane	ND		12	2.0	ug/Kg	09/01/17 22:55	09/06/17 14:22	1	
Ethylene Dibromide	ND		6.0	1.7	ug/Kg	09/01/17 22:55	09/06/17 14:22	1	
Dibromomethane	ND		12	1.0	ug/Kg	09/01/17 22:55	09/06/17 14:22	1	
Dichlorodifluoromethane	ND		12	0.95	ug/Kg	09/01/17 22:55	09/06/17 14:22	1	
1,1-Dichloroethane	ND		6.0	0.82	ug/Kg	09/01/17 22:55	09/06/17 14:22	1	
1,2-Dichloroethane	ND		6.0	0.91	ug/Kg	09/01/17 22:55	09/06/17 14:22	1	
1,1-Dichloroethene	ND		6.0	0.74	ug/Kg	09/01/17 22:55	09/06/17 14:22	1	
cis-1,2-Dichloroethene	ND		6.0	0.82	ug/Kg	09/01/17 22:55	09/06/17 14:22	1	
trans-1,2-Dichloroethene	ND		6.0	0.90	ug/Kg	09/01/17 22:55	09/06/17 14:22	1	
1,2-Dichloropropane	ND		6.0	0.76	ug/Kg	09/01/17 22:55	09/06/17 14:22	1	
cis-1,3-Dichloropropene	ND		6.0	0.83	ug/Kg	09/01/17 22:55	09/06/17 14:22	1	
trans-1,3-Dichloropropene	ND		6.0	0.80	ug/Kg	09/01/17 22:55	09/06/17 14:22	1	
Ethylbenzene	ND		6.0	0.90	ug/Kg	09/01/17 22:55	09/06/17 14:22	1	
Hexachlorobutadiene	ND		6.0	1.1	ug/Kg	09/01/17 22:55	09/06/17 14:22	1	
2-Hexanone	ND		60	12	ug/Kg	09/01/17 22:55	09/06/17 14:22	1	
Isopropylbenzene	ND		6.0	0.82	ug/Kg	09/01/17 22:55	09/06/17 14:22	1	
4-Isopropyltoluene	ND		6.0	3.0	ug/Kg	09/01/17 22:55	09/06/17 14:22	1	
Methylene Chloride	ND		12	4.8	ug/Kg	09/01/17 22:55	09/06/17 14:22	1	
4-Methyl-2-pentanone (MIBK)	ND		60	12	ug/Kg	09/01/17 22:55	09/06/17 14:22	1	
Naphthalene	ND		12	1.8	ug/Kg	09/01/17 22:55	09/06/17 14:22	1	
N-Propylbenzene	ND		6.0	0.79	ug/Kg	09/01/17 22:55	09/06/17 14:22	1	
Styrene	ND		6.0	0.76	ug/Kg	09/01/17 22:55	09/06/17 14:22	1	
1,1,1,2-Tetrachloroethane	ND		6.0	0.91	ug/Kg	09/01/17 22:55	09/06/17 14:22	1	

TestAmerica Pleasanton

# Client Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

**Client Sample ID: SB-01-SO-17**

Date Collected: 08/31/17 14:55

Date Received: 09/01/17 17:00

**Lab Sample ID: 720-81635-6**

Matrix: Solid

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		6.0	0.90	ug/Kg		09/01/17 22:55	09/06/17 14:22	1
Tetrachloroethene	ND		6.0	0.80	ug/Kg		09/01/17 22:55	09/06/17 14:22	1
Toluene	ND		6.0	0.85	ug/Kg		09/01/17 22:55	09/06/17 14:22	1
1,2,3-Trichlorobenzene	ND		6.0	0.89	ug/Kg		09/01/17 22:55	09/06/17 14:22	1
1,2,4-Trichlorobenzene	ND		6.0	0.85	ug/Kg		09/01/17 22:55	09/06/17 14:22	1
1,1,1-Trichloroethane	ND		6.0	0.73	ug/Kg		09/01/17 22:55	09/06/17 14:22	1
1,1,2-Trichloroethane	ND		6.0	0.84	ug/Kg		09/01/17 22:55	09/06/17 14:22	1
Trichloroethene	ND		6.0	0.76	ug/Kg		09/01/17 22:55	09/06/17 14:22	1
Trichlorofluoromethane	ND		6.0	0.67	ug/Kg		09/01/17 22:55	09/06/17 14:22	1
1,2,3-Trichloropropane	ND		6.0	0.92	ug/Kg		09/01/17 22:55	09/06/17 14:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.0	2.5	ug/Kg		09/01/17 22:55	09/06/17 14:22	1
1,2,4-Trimethylbenzene	ND		6.0	2.0	ug/Kg		09/01/17 22:55	09/06/17 14:22	1
1,3,5-Trimethylbenzene	ND		6.0	0.78	ug/Kg		09/01/17 22:55	09/06/17 14:22	1
Vinyl acetate	ND		24	6.0	ug/Kg		09/01/17 22:55	09/06/17 14:22	1
Vinyl chloride	ND		6.0	0.88	ug/Kg		09/01/17 22:55	09/06/17 14:22	1
Xylenes, Total	ND		12	1.5	ug/Kg		09/01/17 22:55	09/06/17 14:22	1
2,2-Dichloropropane	ND		6.0	2.4	ug/Kg		09/01/17 22:55	09/06/17 14:22	1
Gasoline Range Organics (GRO) -C5-C12	ND		300	120	ug/Kg		09/01/17 22:55	09/06/17 14:22	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>		<b>Limits</b>			<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
4-Bromofluorobenzene	88			45 - 131			09/01/17 22:55	09/06/17 14:22	1
1,2-Dichloroethane-d4 (Surr)	114			60 - 140			09/01/17 22:55	09/06/17 14:22	1
Toluene-d8 (Surr)	92			58 - 140			09/01/17 22:55	09/06/17 14:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	13		1.0		mg/Kg		09/06/17 14:54	09/07/17 04:01	1
Motor Oil Range Organics [C24-C36]	ND		50		mg/Kg		09/06/17 14:54	09/07/17 04:01	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>		<b>Limits</b>			<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
p-Terphenyl	69			40 - 130			09/06/17 14:54	09/07/17 04:01	1

## Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.3		mg/Kg		09/02/17 09:04	09/05/17 10:02	4
Arsenic	3.1		2.6		mg/Kg		09/02/17 09:04	09/05/17 10:02	4
Barium	94		1.3		mg/Kg		09/02/17 09:04	09/05/17 10:02	4
Beryllium	0.39		0.26		mg/Kg		09/02/17 09:04	09/05/17 10:02	4
Cadmium	ND		0.32		mg/Kg		09/02/17 09:04	09/05/17 10:02	4
Chromium	64		1.3		mg/Kg		09/02/17 09:04	09/05/17 10:02	4
Cobalt	8.1		0.52		mg/Kg		09/02/17 09:04	09/05/17 10:02	4
Copper	24		3.9		mg/Kg		09/02/17 09:04	09/05/17 10:02	4
Lead	4.8		1.3		mg/Kg		09/02/17 09:04	09/05/17 10:02	4
Molybdenum	ND		1.3		mg/Kg		09/02/17 09:04	09/05/17 10:02	4
Nickel	62		1.3		mg/Kg		09/02/17 09:04	09/05/17 10:02	4
Selenium	ND		2.6		mg/Kg		09/02/17 09:04	09/05/17 10:02	4
Silver	ND		0.65		mg/Kg		09/02/17 09:04	09/05/17 10:02	4
Thallium	13		1.3		mg/Kg		09/02/17 09:04	09/05/17 10:02	4
Vanadium	50		1.3		mg/Kg		09/02/17 09:04	09/05/17 10:02	4
Zinc	46		3.9		mg/Kg		09/02/17 09:04	09/05/17 10:02	4

TestAmerica Pleasanton

# Client Sample Results

Client: Haley & Aldrich, Inc.

Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

## Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.023		0.015		mg/Kg	D	09/06/17 09:15	09/06/17 12:09	1

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TestAmerica Pleasanton

# Client Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

**Client Sample ID: SB-01-GW-15-20**

Date Collected: 08/31/17 15:00

Date Received: 09/01/17 17:00

**Lab Sample ID: 720-81635-7**

Matrix: Water

**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	0.069	ug/L			09/02/17 21:23	1
Acetone	ND		50	20	ug/L			09/02/17 21:23	1
Benzene	ND		0.50	0.25	ug/L			09/02/17 21:23	1
Dichlorobromomethane	ND		0.50	0.20	ug/L			09/02/17 21:23	1
Bromobenzene	ND		1.0	0.20	ug/L			09/02/17 21:23	1
Chlorobromomethane	ND		1.0	0.25	ug/L			09/02/17 21:23	1
Bromoform	ND		1.0	0.50	ug/L			09/02/17 21:23	1
Bromomethane	ND		1.0	0.49	ug/L			09/02/17 21:23	1
2-Butanone (MEK)	ND		50	8.4	ug/L			09/02/17 21:23	1
n-Butylbenzene	ND		1.0	0.30	ug/L			09/02/17 21:23	1
sec-Butylbenzene	ND		1.0	0.17	ug/L			09/02/17 21:23	1
tert-Butylbenzene	ND		1.0	0.20	ug/L			09/02/17 21:23	1
Carbon disulfide	ND		5.0	0.78	ug/L			09/02/17 21:23	1
Carbon tetrachloride	ND		0.50	0.11	ug/L			09/02/17 21:23	1
Chlorobenzene	ND		0.50	0.13	ug/L			09/02/17 21:23	1
Chloroethane	ND		1.0	0.17	ug/L			09/02/17 21:23	1
Chloroform	ND		1.0	0.40	ug/L			09/02/17 21:23	1
Chloromethane	ND		1.0	0.19	ug/L			09/02/17 21:23	1
2-Chlorotoluene	ND		0.50	0.20	ug/L			09/02/17 21:23	1
4-Chlorotoluene	ND		0.50	0.20	ug/L			09/02/17 21:23	1
Chlorodibromomethane	ND		0.50	0.10	ug/L			09/02/17 21:23	1
1,2-Dichlorobenzene	ND		0.50	0.21	ug/L			09/02/17 21:23	1
1,3-Dichlorobenzene	ND		0.50	0.20	ug/L			09/02/17 21:23	1
1,4-Dichlorobenzene	ND		0.50	0.16	ug/L			09/02/17 21:23	1
1,3-Dichloropropane	ND		1.0	0.17	ug/L			09/02/17 21:23	1
1,1-Dichloropropene	ND		0.50	0.20	ug/L			09/02/17 21:23	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.30	ug/L			09/02/17 21:23	1
Ethylene Dibromide	ND		0.50	0.075	ug/L			09/02/17 21:23	1
Dibromomethane	ND		0.50	0.30	ug/L			09/02/17 21:23	1
Dichlorodifluoromethane	ND		0.50	0.25	ug/L			09/02/17 21:23	1
1,1-Dichloroethane	ND		0.50	0.11	ug/L			09/02/17 21:23	1
1,2-Dichloroethane	ND		0.50	0.077	ug/L			09/02/17 21:23	1
1,1-Dichloroethene	ND		0.50	0.20	ug/L			09/02/17 21:23	1
cis-1,2-Dichloroethene	ND		0.50	0.076	ug/L			09/02/17 21:23	1
trans-1,2-Dichloroethene	ND		0.50	0.13	ug/L			09/02/17 21:23	1
1,2-Dichloropropane	ND		0.50	0.20	ug/L			09/02/17 21:23	1
cis-1,3-Dichloropropene	ND		0.50	0.10	ug/L			09/02/17 21:23	1
trans-1,3-Dichloropropene	ND		0.50	0.17	ug/L			09/02/17 21:23	1
Ethylbenzene	ND		0.50	0.13	ug/L			09/02/17 21:23	1
Hexachlorobutadiene	ND *		1.0	0.27	ug/L			09/02/17 21:23	1
2-Hexanone	ND		50	3.0	ug/L			09/02/17 21:23	1
Isopropylbenzene	ND		0.50	0.20	ug/L			09/02/17 21:23	1
4-Isopropyltoluene	ND		1.0	0.20	ug/L			09/02/17 21:23	1
Methylene Chloride	ND		5.0	1.5	ug/L			09/02/17 21:23	1
4-Methyl-2-pentanone (MIBK)	ND		50	4.5	ug/L			09/02/17 21:23	1
Naphthalene	ND		1.0	0.22	ug/L			09/02/17 21:23	1
N-Propylbenzene	ND		1.0	0.20	ug/L			09/02/17 21:23	1
Styrene	ND		0.50	0.075	ug/L			09/02/17 21:23	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.067	ug/L			09/02/17 21:23	1

TestAmerica Pleasanton

# Client Sample Results

Client: Haley & Aldrich, Inc.

Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

**Client Sample ID: SB-01-GW-15-20**

**Date Collected: 08/31/17 15:00**

**Date Received: 09/01/17 17:00**

**Lab Sample ID: 720-81635-7**

**Matrix: Water**

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		0.50	0.074	ug/L			09/02/17 21:23	1
Tetrachloroethene	ND		0.50	0.20	ug/L			09/02/17 21:23	1
Toluene	ND		0.50	0.17	ug/L			09/02/17 21:23	1
1,2,3-Trichlorobenzene	ND		1.0	0.21	ug/L			09/02/17 21:23	1
1,2,4-Trichlorobenzene	ND		1.0	0.13	ug/L			09/02/17 21:23	1
1,1,1-Trichloroethane	ND		0.50	0.20	ug/L			09/02/17 21:23	1
1,1,2-Trichloroethane	ND		0.50	0.11	ug/L			09/02/17 21:23	1
Trichloroethene	ND		0.50	0.20	ug/L			09/02/17 21:23	1
Trichlorofluoromethane	ND		1.0	0.30	ug/L			09/02/17 21:23	1
1,2,3-Trichloropropane	ND		0.50	0.087	ug/L			09/02/17 21:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.091	ug/L			09/02/17 21:23	1
1,2,4-Trimethylbenzene	ND		0.50	0.20	ug/L			09/02/17 21:23	1
1,3,5-Trimethylbenzene	ND		0.50	0.17	ug/L			09/02/17 21:23	1
Vinyl acetate	ND		10	0.60	ug/L			09/02/17 21:23	1
Vinyl chloride	ND		0.50	0.20	ug/L			09/02/17 21:23	1
Xylenes, Total	ND		1.0	0.40	ug/L			09/02/17 21:23	1
2,2-Dichloropropane	ND		0.50	0.17	ug/L			09/02/17 21:23	1
Gasoline Range Organics (GRO) -C5-C12	ND		50	21	ug/L			09/02/17 21:23	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
4-Bromofluorobenzene	90		67 - 130					09/02/17 21:23	1
1,2-Dichloroethane-d4 (Surr)	87		72 - 130					09/02/17 21:23	1
Toluene-d8 (Surr)	97		70 - 130					09/02/17 21:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		2.3	1.1	ug/L		09/06/17 17:06	09/07/17 01:49	1
Bis(2-chloroethyl)ether	ND		2.3	0.34	ug/L		09/06/17 17:06	09/07/17 01:49	1
2-Chlorophenol	ND		4.5	0.44	ug/L		09/06/17 17:06	09/07/17 01:49	1
1,3-Dichlorobenzene	ND		2.3	1.1	ug/L		09/06/17 17:06	09/07/17 01:49	1
1,4-Dichlorobenzene	ND		2.3	0.30	ug/L		09/06/17 17:06	09/07/17 01:49	1
Benzyl alcohol	ND		5.7	1.1	ug/L		09/06/17 17:06	09/07/17 01:49	1
1,2-Dichlorobenzene	ND		2.3	0.29	ug/L		09/06/17 17:06	09/07/17 01:49	1
2-Methylphenol	ND		4.5	0.43	ug/L		09/06/17 17:06	09/07/17 01:49	1
4-Methylphenol	ND		9.1	0.74	ug/L		09/06/17 17:06	09/07/17 01:49	1
N-Nitrosodi-n-propylamine	ND		2.3	0.46	ug/L		09/06/17 17:06	09/07/17 01:49	1
Hexachloroethane	ND		2.3	1.1	ug/L		09/06/17 17:06	09/07/17 01:49	1
Nitrobenzene	ND		2.3	0.41	ug/L		09/06/17 17:06	09/07/17 01:49	1
Isophorone	ND		4.5	0.68	ug/L		09/06/17 17:06	09/07/17 01:49	1
2-Nitrophenol	ND		2.3	1.1	ug/L		09/06/17 17:06	09/07/17 01:49	1
2,4-Dimethylphenol	ND		3.4	2.2	ug/L		09/06/17 17:06	09/07/17 01:49	1
Bis(2-chloroethoxy)methane	ND		5.7	1.1	ug/L		09/06/17 17:06	09/07/17 01:49	1
2,4-Dichlorophenol	ND		5.7	0.33	ug/L		09/06/17 17:06	09/07/17 01:49	1
1,2,4-Trichlorobenzene	ND		2.3	0.51	ug/L		09/06/17 17:06	09/07/17 01:49	1
Naphthalene	ND		2.3	1.1	ug/L		09/06/17 17:06	09/07/17 01:49	1
4-Chloroaniline	ND		2.3	0.31	ug/L		09/06/17 17:06	09/07/17 01:49	1
Hexachlorobutadiene	ND		2.3	0.58	ug/L		09/06/17 17:06	09/07/17 01:49	1
4-Chloro-3-methylphenol	ND		5.7	1.1	ug/L		09/06/17 17:06	09/07/17 01:49	1
2-Methylnaphthalene	ND		2.3	1.1	ug/L		09/06/17 17:06	09/07/17 01:49	1

TestAmerica Pleasanton

# Client Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

**Client Sample ID: SB-01-GW-15-20**

**Lab Sample ID: 720-81635-7**

**Matrix: Water**

Date Collected: 08/31/17 15:00  
Date Received: 09/01/17 17:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorocyclopentadiene	ND		11	5.7	ug/L		09/06/17 17:06	09/07/17 01:49	1
2,4,6-Trichlorophenol	ND		2.3	0.58	ug/L		09/06/17 17:06	09/07/17 01:49	1
2,4,5-Trichlorophenol	ND		4.5	0.42	ug/L		09/06/17 17:06	09/07/17 01:49	1
2-Chloronaphthalene	ND		4.5	0.51	ug/L		09/06/17 17:06	09/07/17 01:49	1
2-Nitroaniline	ND		11	1.1	ug/L		09/06/17 17:06	09/07/17 01:49	1
Dimethyl phthalate	ND		5.7	0.52	ug/L		09/06/17 17:06	09/07/17 01:49	1
Acenaphthylene	ND		4.5	0.49	ug/L		09/06/17 17:06	09/07/17 01:49	1
3-Nitroaniline	ND		5.7	1.0	ug/L		09/06/17 17:06	09/07/17 01:49	1
Acenaphthene	ND		2.3	0.32	ug/L		09/06/17 17:06	09/07/17 01:49	1
2,4-Dinitrophenol	ND		23	11	ug/L		09/06/17 17:06	09/07/17 01:49	1
4-Nitrophenol	ND		11	2.3	ug/L		09/06/17 17:06	09/07/17 01:49	1
Dibenzofuran	ND		4.5	0.58	ug/L		09/06/17 17:06	09/07/17 01:49	1
2,4-Dinitrotoluene	ND		4.5	0.41	ug/L		09/06/17 17:06	09/07/17 01:49	1
2,6-Dinitrotoluene	ND		5.7	0.47	ug/L		09/06/17 17:06	09/07/17 01:49	1
Diethyl phthalate	ND		5.7	0.65	ug/L		09/06/17 17:06	09/07/17 01:49	1
4-Chlorophenyl phenyl ether	ND		5.7	0.43	ug/L		09/06/17 17:06	09/07/17 01:49	1
Fluorene	ND		4.5	0.56	ug/L		09/06/17 17:06	09/07/17 01:49	1
4-Nitroaniline	ND		11	2.2	ug/L		09/06/17 17:06	09/07/17 01:49	1
2-Methyl-4,6-dinitrophenol	ND		11	2.3	ug/L		09/06/17 17:06	09/07/17 01:49	1
N-Nitrosodiphenylamine	ND		2.3	0.41	ug/L		09/06/17 17:06	09/07/17 01:49	1
4-Bromophenyl phenyl ether	ND		5.7	0.31	ug/L		09/06/17 17:06	09/07/17 01:49	1
Hexachlorobenzene	ND		2.3	0.37	ug/L		09/06/17 17:06	09/07/17 01:49	1
Pentachlorophenol	ND		11	0.91	ug/L		09/06/17 17:06	09/07/17 01:49	1
Phenanthrene	ND		2.3	0.39	ug/L		09/06/17 17:06	09/07/17 01:49	1
Anthracene	ND		2.3	0.33	ug/L		09/06/17 17:06	09/07/17 01:49	1
Di-n-butyl phthalate	ND		5.7	0.42	ug/L		09/06/17 17:06	09/07/17 01:49	1
Fluoranthene	ND		2.3	1.1	ug/L		09/06/17 17:06	09/07/17 01:49	1
Pyrene	ND		2.3	0.36	ug/L		09/06/17 17:06	09/07/17 01:49	1
Butyl benzyl phthalate	ND		5.7	0.34	ug/L		09/06/17 17:06	09/07/17 01:49	1
3,3'-Dichlorobenzidine	ND		5.7	1.1	ug/L		09/06/17 17:06	09/07/17 01:49	1
Benzo[a]anthracene	ND		5.7	0.74	ug/L		09/06/17 17:06	09/07/17 01:49	1
Bis(2-ethylhexyl) phthalate	ND		11	1.7	ug/L		09/06/17 17:06	09/07/17 01:49	1
Chrysene	ND		2.3	1.1	ug/L		09/06/17 17:06	09/07/17 01:49	1
Di-n-octyl phthalate	ND		5.7	0.73	ug/L		09/06/17 17:06	09/07/17 01:49	1
Benzo[b]fluoranthene	ND		2.3	0.39	ug/L		09/06/17 17:06	09/07/17 01:49	1
Benzo[a]pyrene	ND		2.3	1.1	ug/L		09/06/17 17:06	09/07/17 01:49	1
Benzo[k]fluoranthene	ND		2.3	0.35	ug/L		09/06/17 17:06	09/07/17 01:49	1
Indeno[1,2,3-cd]pyrene	ND		2.3	0.44	ug/L		09/06/17 17:06	09/07/17 01:49	1
Benzo[g,h,i]perylene	ND		2.3	0.43	ug/L		09/06/17 17:06	09/07/17 01:49	1
Benzoic acid	ND		23	11	ug/L		09/06/17 17:06	09/07/17 01:49	1
Azobenzene	ND		2.3	0.34	ug/L		09/06/17 17:06	09/07/17 01:49	1
Dibenzo(a,h)anthracene	ND		2.3	0.45	ug/L		09/06/17 17:06	09/07/17 01:49	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>		<b>Limits</b>			<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
Nitrobenzene-d5	57			11 - 92			09/06/17 17:06	09/07/17 01:49	1
2-Fluorobiphenyl	69			10 - 101			09/06/17 17:06	09/07/17 01:49	1
Terphenyl-d14	93			34 - 128			09/06/17 17:06	09/07/17 01:49	1
2-Fluorophenol	31			10 - 65			09/06/17 17:06	09/07/17 01:49	1
Phenol-d5	24			10 - 46			09/06/17 17:06	09/07/17 01:49	1
2,4,6-Tribromophenol	93			17 - 115			09/06/17 17:06	09/07/17 01:49	1

TestAmerica Pleasanton

# Client Sample Results

Client: Haley & Aldrich, Inc.

Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		52		ug/L		09/01/17 21:48	09/02/17 16:05	1
Motor Oil Range Organics [C24-C36]	ND		100		ug/L		09/01/17 21:48	09/02/17 16:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
p-Terphenyl	81		23 - 156				09/01/17 21:48	09/02/17 16:05	1

## Method: 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.010		mg/L		09/06/17 08:15	09/06/17 18:27	1
Arsenic	ND		0.010		mg/L		09/06/17 08:15	09/06/17 18:27	1
<b>Barium</b>	<b>0.050</b>		0.050		mg/L		09/06/17 08:15	09/06/17 18:27	1
Beryllium	ND		0.0020		mg/L		09/06/17 08:15	09/06/17 18:27	1
Cadmium	ND		0.0020		mg/L		09/06/17 08:15	09/06/17 18:27	1
Chromium	ND		0.010		mg/L		09/06/17 08:15	09/06/17 18:27	1
<b>Cobalt</b>	<b>0.0023</b>		0.0020		mg/L		09/06/17 08:15	09/06/17 18:27	1
Copper	ND		0.020		mg/L		09/06/17 08:15	09/06/17 18:27	1
<b>Lead</b>	<b>0.011</b>		0.0050		mg/L		09/06/17 08:15	09/06/17 18:27	1
Molybdenum	ND		0.010		mg/L		09/06/17 08:15	09/06/17 18:27	1
Nickel	ND		0.010		mg/L		09/06/17 08:15	09/06/17 18:27	1
<b>Selenium</b>	<b>0.079</b>		0.020		mg/L		09/06/17 08:15	09/06/17 18:27	1
Silver	ND		0.0050		mg/L		09/06/17 08:15	09/06/17 18:27	1
Thallium	ND		0.010		mg/L		09/06/17 08:15	09/06/17 18:27	1
Vanadium	ND		0.010		mg/L		09/06/17 08:15	09/06/17 18:27	1
Zinc	ND		0.020		mg/L		09/06/17 08:15	09/06/17 18:27	1

## Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		09/07/17 08:53	09/07/17 14:39	1

TestAmerica Pleasanton

# Client Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

**Client Sample ID: SB-06-SO-1.0**

Date Collected: 08/31/17 15:25

Date Received: 09/01/17 17:00

**Lab Sample ID: 720-81635-8**

Matrix: Solid

**Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		4.5	1.1	ug/Kg	09/01/17 22:55	09/06/17 14:50	1	
Acetone	ND		45	34	ug/Kg	09/01/17 22:55	09/06/17 14:50	1	
Benzene	ND		4.5	0.58	ug/Kg	09/01/17 22:55	09/06/17 14:50	1	
Dichlorobromomethane	ND		4.5	0.64	ug/Kg	09/01/17 22:55	09/06/17 14:50	1	
Bromobenzene	ND		4.5	0.71	ug/Kg	09/01/17 22:55	09/06/17 14:50	1	
Chlorobromomethane	ND		18	0.64	ug/Kg	09/01/17 22:55	09/06/17 14:50	1	
Bromoform	ND		4.5	1.8	ug/Kg	09/01/17 22:55	09/06/17 14:50	1	
Bromomethane	ND		8.9	0.71	ug/Kg	09/01/17 22:55	09/06/17 14:50	1	
2-Butanone (MEK)	ND		45	19	ug/Kg	09/01/17 22:55	09/06/17 14:50	1	
n-Butylbenzene	ND		4.5	0.89	ug/Kg	09/01/17 22:55	09/06/17 14:50	1	
sec-Butylbenzene	ND		4.5	0.64	ug/Kg	09/01/17 22:55	09/06/17 14:50	1	
tert-Butylbenzene	ND		4.5	0.65	ug/Kg	09/01/17 22:55	09/06/17 14:50	1	
Carbon disulfide	ND		4.5	1.8	ug/Kg	09/01/17 22:55	09/06/17 14:50	1	
Carbon tetrachloride	ND		4.5	0.55	ug/Kg	09/01/17 22:55	09/06/17 14:50	1	
Chlorobenzene	ND		4.5	0.62	ug/Kg	09/01/17 22:55	09/06/17 14:50	1	
Chloroethane	ND		8.9	0.50	ug/Kg	09/01/17 22:55	09/06/17 14:50	1	
Chloroform	ND		4.5	0.59	ug/Kg	09/01/17 22:55	09/06/17 14:50	1	
Chloromethane	ND		8.9	0.64	ug/Kg	09/01/17 22:55	09/06/17 14:50	1	
2-Chlorotoluene	ND		4.5	0.58	ug/Kg	09/01/17 22:55	09/06/17 14:50	1	
4-Chlorotoluene	ND		4.5	0.61	ug/Kg	09/01/17 22:55	09/06/17 14:50	1	
Chlorodibromomethane	ND		4.5	0.63	ug/Kg	09/01/17 22:55	09/06/17 14:50	1	
1,2-Dichlorobenzene	ND		4.5	0.61	ug/Kg	09/01/17 22:55	09/06/17 14:50	1	
1,3-Dichlorobenzene	ND		4.5	0.64	ug/Kg	09/01/17 22:55	09/06/17 14:50	1	
1,4-Dichlorobenzene	ND		4.5	0.63	ug/Kg	09/01/17 22:55	09/06/17 14:50	1	
1,3-Dichloropropane	ND		4.5	0.65	ug/Kg	09/01/17 22:55	09/06/17 14:50	1	
1,1-Dichloropropene	ND		4.5	0.62	ug/Kg	09/01/17 22:55	09/06/17 14:50	1	
1,2-Dibromo-3-Chloropropane	ND		8.9	1.5	ug/Kg	09/01/17 22:55	09/06/17 14:50	1	
Ethylene Dibromide	ND		4.5	1.3	ug/Kg	09/01/17 22:55	09/06/17 14:50	1	
Dibromomethane	ND		8.9	0.77	ug/Kg	09/01/17 22:55	09/06/17 14:50	1	
Dichlorodifluoromethane	ND		8.9	0.71	ug/Kg	09/01/17 22:55	09/06/17 14:50	1	
1,1-Dichloroethane	ND		4.5	0.61	ug/Kg	09/01/17 22:55	09/06/17 14:50	1	
1,2-Dichloroethane	ND		4.5	0.68	ug/Kg	09/01/17 22:55	09/06/17 14:50	1	
1,1-Dichloroethene	ND		4.5	0.55	ug/Kg	09/01/17 22:55	09/06/17 14:50	1	
cis-1,2-Dichloroethene	ND		4.5	0.61	ug/Kg	09/01/17 22:55	09/06/17 14:50	1	
trans-1,2-Dichloroethene	ND		4.5	0.67	ug/Kg	09/01/17 22:55	09/06/17 14:50	1	
1,2-Dichloropropane	ND		4.5	0.56	ug/Kg	09/01/17 22:55	09/06/17 14:50	1	
cis-1,3-Dichloropropene	ND		4.5	0.62	ug/Kg	09/01/17 22:55	09/06/17 14:50	1	
trans-1,3-Dichloropropene	ND		4.5	0.60	ug/Kg	09/01/17 22:55	09/06/17 14:50	1	
Ethylbenzene	ND		4.5	0.67	ug/Kg	09/01/17 22:55	09/06/17 14:50	1	
Hexachlorobutadiene	ND		4.5	0.80	ug/Kg	09/01/17 22:55	09/06/17 14:50	1	
2-Hexanone	ND		45	8.9	ug/Kg	09/01/17 22:55	09/06/17 14:50	1	
Isopropylbenzene	ND		4.5	0.61	ug/Kg	09/01/17 22:55	09/06/17 14:50	1	
4-Isopropyltoluene	ND		4.5	2.2	ug/Kg	09/01/17 22:55	09/06/17 14:50	1	
Methylene Chloride	ND		8.9	3.6	ug/Kg	09/01/17 22:55	09/06/17 14:50	1	
4-Methyl-2-pentanone (MIBK)	ND		45	8.9	ug/Kg	09/01/17 22:55	09/06/17 14:50	1	
Naphthalene	ND		8.9	1.3	ug/Kg	09/01/17 22:55	09/06/17 14:50	1	
N-Propylbenzene	ND		4.5	0.59	ug/Kg	09/01/17 22:55	09/06/17 14:50	1	
Styrene	ND		4.5	0.56	ug/Kg	09/01/17 22:55	09/06/17 14:50	1	
1,1,1,2-Tetrachloroethane	ND		4.5	0.68	ug/Kg	09/01/17 22:55	09/06/17 14:50	1	

TestAmerica Pleasanton

# Client Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

**Client Sample ID: SB-06-SO-1.0**

Date Collected: 08/31/17 15:25

Date Received: 09/01/17 17:00

**Lab Sample ID: 720-81635-8**

Matrix: Solid

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		4.5	0.67	ug/Kg		09/01/17 22:55	09/06/17 14:50	1
Tetrachloroethene	ND		4.5	0.60	ug/Kg		09/01/17 22:55	09/06/17 14:50	1
Toluene	ND		4.5	0.63	ug/Kg		09/01/17 22:55	09/06/17 14:50	1
1,2,3-Trichlorobenzene	ND		4.5	0.66	ug/Kg		09/01/17 22:55	09/06/17 14:50	1
1,2,4-Trichlorobenzene	ND		4.5	0.63	ug/Kg		09/01/17 22:55	09/06/17 14:50	1
1,1,1-Trichloroethane	ND		4.5	0.55	ug/Kg		09/01/17 22:55	09/06/17 14:50	1
1,1,2-Trichloroethane	ND		4.5	0.63	ug/Kg		09/01/17 22:55	09/06/17 14:50	1
Trichloroethene	ND		4.5	0.56	ug/Kg		09/01/17 22:55	09/06/17 14:50	1
Trichlorofluoromethane	ND		4.5	0.50	ug/Kg		09/01/17 22:55	09/06/17 14:50	1
1,2,3-Trichloropropane	ND		4.5	0.69	ug/Kg		09/01/17 22:55	09/06/17 14:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.5	1.9	ug/Kg		09/01/17 22:55	09/06/17 14:50	1
1,2,4-Trimethylbenzene	ND		4.5	1.5	ug/Kg		09/01/17 22:55	09/06/17 14:50	1
1,3,5-Trimethylbenzene	ND		4.5	0.58	ug/Kg		09/01/17 22:55	09/06/17 14:50	1
Vinyl acetate	ND		18	4.5	ug/Kg		09/01/17 22:55	09/06/17 14:50	1
Vinyl chloride	ND		4.5	0.65	ug/Kg		09/01/17 22:55	09/06/17 14:50	1
Xylenes, Total	ND		8.9	1.1	ug/Kg		09/01/17 22:55	09/06/17 14:50	1
2,2-Dichloropropane	ND		4.5	1.8	ug/Kg		09/01/17 22:55	09/06/17 14:50	1
Gasoline Range Organics (GRO) -C5-C12	ND		220	89	ug/Kg		09/01/17 22:55	09/06/17 14:50	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>		<b>Limits</b>			<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
4-Bromofluorobenzene	87			45 - 131			09/01/17 22:55	09/06/17 14:50	1
1,2-Dichloroethane-d4 (Surr)	120			60 - 140			09/01/17 22:55	09/06/17 14:50	1
Toluene-d8 (Surr)	92			58 - 140			09/01/17 22:55	09/06/17 14:50	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	0.0055	mg/Kg		09/05/17 12:00	09/06/17 20:09	1
Bis(2-chloroethyl)ether	ND		0.067	0.0070	mg/Kg		09/05/17 12:00	09/06/17 20:09	1
2-Chlorophenol	ND		0.067	0.0037	mg/Kg		09/05/17 12:00	09/06/17 20:09	1
1,3-Dichlorobenzene	ND		0.067	0.0040	mg/Kg		09/05/17 12:00	09/06/17 20:09	1
1,4-Dichlorobenzene	ND		0.067	0.0090	mg/Kg		09/05/17 12:00	09/06/17 20:09	1
Benzyl alcohol	ND		0.17	0.0052	mg/Kg		09/05/17 12:00	09/06/17 20:09	1
1,2-Dichlorobenzene	ND		0.067	0.0047	mg/Kg		09/05/17 12:00	09/06/17 20:09	1
2-Methylphenol	ND		0.067	0.0050	mg/Kg		09/05/17 12:00	09/06/17 20:09	1
Methylphenol, 3 & 4	ND		0.067	0.0095	mg/Kg		09/05/17 12:00	09/06/17 20:09	1
N-Nitrosodi-n-propylamine	ND		0.067	0.033	mg/Kg		09/05/17 12:00	09/06/17 20:09	1
Hexachloroethane	ND		0.067	0.033	mg/Kg		09/05/17 12:00	09/06/17 20:09	1
Nitrobenzene	ND		0.067	0.014	mg/Kg		09/05/17 12:00	09/06/17 20:09	1
Isophorone	ND		0.067	0.0047	mg/Kg		09/05/17 12:00	09/06/17 20:09	1
2-Nitrophenol	ND		0.067	0.033	mg/Kg		09/05/17 12:00	09/06/17 20:09	1
2,4-Dimethylphenol	ND		0.067	0.027	mg/Kg		09/05/17 12:00	09/06/17 20:09	1
Bis(2-chloroethoxy)methane	ND		0.17	0.0055	mg/Kg		09/05/17 12:00	09/06/17 20:09	1
2,4-Dichlorophenol	ND		0.33	0.0045	mg/Kg		09/05/17 12:00	09/06/17 20:09	1
1,2,4-Trichlorobenzene	ND		0.067	0.0070	mg/Kg		09/05/17 12:00	09/06/17 20:09	1
Naphthalene	ND		0.067	0.0048	mg/Kg		09/05/17 12:00	09/06/17 20:09	1
4-Chloroaniline	ND		0.17	0.0044	mg/Kg		09/05/17 12:00	09/06/17 20:09	1
Hexachlorobutadiene	ND		0.067	0.0052	mg/Kg		09/05/17 12:00	09/06/17 20:09	1
4-Chloro-3-methylphenol	ND		0.17	0.0054	mg/Kg		09/05/17 12:00	09/06/17 20:09	1
2-Methylnaphthalene	ND		0.067	0.0062	mg/Kg		09/05/17 12:00	09/06/17 20:09	1

TestAmerica Pleasanton

# Client Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

**Client Sample ID: SB-06-SO-1.0**

Date Collected: 08/31/17 15:25

Date Received: 09/01/17 17:00

**Lab Sample ID: 720-81635-8**

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorocyclopentadiene	ND		0.17	0.027	mg/Kg		09/05/17 12:00	09/06/17 20:09	1
2,4,6-Trichlorophenol	ND		0.17	0.0098	mg/Kg		09/05/17 12:00	09/06/17 20:09	1
2,4,5-Trichlorophenol	ND		0.067	0.0042	mg/Kg		09/05/17 12:00	09/06/17 20:09	1
2-Chloronaphthalene	ND		0.067	0.0048	mg/Kg		09/05/17 12:00	09/06/17 20:09	1
2-Nitroaniline	ND		0.33	0.034	mg/Kg		09/05/17 12:00	09/06/17 20:09	1
Dimethyl phthalate	ND		0.17	0.0058	mg/Kg		09/05/17 12:00	09/06/17 20:09	1
Acenaphthylene	ND		0.067	0.0056	mg/Kg		09/05/17 12:00	09/06/17 20:09	1
3-Nitroaniline	ND		0.17	0.039	mg/Kg		09/05/17 12:00	09/06/17 20:09	1
Acenaphthene	ND		0.067	0.0038	mg/Kg		09/05/17 12:00	09/06/17 20:09	1
2,4-Dinitrophenol	ND		0.66	0.066	mg/Kg		09/05/17 12:00	09/06/17 20:09	1
4-Nitrophenol	ND		0.33	0.034	mg/Kg		09/05/17 12:00	09/06/17 20:09	1
Dibenzofuran	ND		0.067	0.0053	mg/Kg		09/05/17 12:00	09/06/17 20:09	1
2,4-Dinitrotoluene	ND		0.067	0.033	mg/Kg		09/05/17 12:00	09/06/17 20:09	1
2,6-Dinitrotoluene	ND		0.067	0.034	mg/Kg		09/05/17 12:00	09/06/17 20:09	1
Diethyl phthalate	ND		0.17	0.0047	mg/Kg		09/05/17 12:00	09/06/17 20:09	1
4-Chlorophenyl phenyl ether	ND		0.17	0.0059	mg/Kg		09/05/17 12:00	09/06/17 20:09	1
Fluorene	ND		0.067	0.0040	mg/Kg		09/05/17 12:00	09/06/17 20:09	1
4-Nitroaniline	ND		0.33	0.033	mg/Kg		09/05/17 12:00	09/06/17 20:09	1
2-Methyl-4,6-dinitrophenol	ND		0.33	0.034	mg/Kg		09/05/17 12:00	09/06/17 20:09	1
N-Nitrosodiphenylamine	ND		0.067	0.0039	mg/Kg		09/05/17 12:00	09/06/17 20:09	1
4-Bromophenyl phenyl ether	ND		0.17	0.0051	mg/Kg		09/05/17 12:00	09/06/17 20:09	1
Hexachlorobenzene	ND		0.067	0.033	mg/Kg		09/05/17 12:00	09/06/17 20:09	1
Pentachlorophenol	ND		0.33	0.016	mg/Kg		09/05/17 12:00	09/06/17 20:09	1
Phenanthrene	ND		0.067	0.0046	mg/Kg		09/05/17 12:00	09/06/17 20:09	1
Anthracene	ND		0.067	0.0043	mg/Kg		09/05/17 12:00	09/06/17 20:09	1
Di-n-butyl phthalate	ND		0.17	0.033	mg/Kg		09/05/17 12:00	09/06/17 20:09	1
Fluoranthene	ND		0.067	0.0073	mg/Kg		09/05/17 12:00	09/06/17 20:09	1
Pyrene	ND		0.067	0.0038	mg/Kg		09/05/17 12:00	09/06/17 20:09	1
Butyl benzyl phthalate	ND		0.17	0.0054	mg/Kg		09/05/17 12:00	09/06/17 20:09	1
3,3'-Dichlorobenzidine	ND		0.17	0.010	mg/Kg		09/05/17 12:00	09/06/17 20:09	1
Benzo[a]anthracene	ND		0.33	0.018	mg/Kg		09/05/17 12:00	09/06/17 20:09	1
Bis(2-ethylhexyl) phthalate	ND		0.33	0.0066	mg/Kg		09/05/17 12:00	09/06/17 20:09	1
Chrysene	ND		0.067	0.033	mg/Kg		09/05/17 12:00	09/06/17 20:09	1
Di-n-octyl phthalate	ND		0.17	0.0048	mg/Kg		09/05/17 12:00	09/06/17 20:09	1
Benzo[b]fluoranthene	ND		0.067	0.0095	mg/Kg		09/05/17 12:00	09/06/17 20:09	1
Benzo[a]pyrene	ND		0.067	0.0066	mg/Kg		09/05/17 12:00	09/06/17 20:09	1
Benzo[k]fluoranthene	ND		0.067	0.014	mg/Kg		09/05/17 12:00	09/06/17 20:09	1
Indeno[1,2,3-cd]pyrene	ND		0.067	0.013	mg/Kg		09/05/17 12:00	09/06/17 20:09	1
Benzo[g,h,i]perylene	ND		0.067	0.020	mg/Kg		09/05/17 12:00	09/06/17 20:09	1
Benzoic acid	ND		0.33	0.034	mg/Kg		09/05/17 12:00	09/06/17 20:09	1
Azobenzene	ND		0.067	0.0058	mg/Kg		09/05/17 12:00	09/06/17 20:09	1
Dibenzo(a,h)anthracene	ND		0.067	0.015	mg/Kg		09/05/17 12:00	09/06/17 20:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	48		21 - 98			
2-Fluorobiphenyl	56		30 - 112			
Terphenyl-d14	69		59 - 134			
2-Fluorophenol	48		28 - 98			
Phenol-d5	52		23 - 101			
2,4,6-Tribromophenol	56		37 - 114			

TestAmerica Pleasanton

# Client Sample Results

Client: Haley & Aldrich, Inc.

Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	2.7		1.0		mg/Kg		09/06/17 14:54	09/07/17 12:39	1
Motor Oil Range Organics [C24-C36]	ND		50		mg/Kg		09/06/17 14:54	09/07/17 12:39	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
p-Terphenyl	67		40 - 130				09/06/17 14:54	09/07/17 12:39	1

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		49		ug/Kg		09/05/17 12:59	09/06/17 21:21	1
PCB-1221	ND		49		ug/Kg		09/05/17 12:59	09/06/17 21:21	1
PCB-1232	ND		49		ug/Kg		09/05/17 12:59	09/06/17 21:21	1
PCB-1242	ND		49		ug/Kg		09/05/17 12:59	09/06/17 21:21	1
PCB-1248	ND		49		ug/Kg		09/05/17 12:59	09/06/17 21:21	1
PCB-1254	ND		49		ug/Kg		09/05/17 12:59	09/06/17 21:21	1
PCB-1260	ND		49		ug/Kg		09/05/17 12:59	09/06/17 21:21	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
Tetrachloro-m-xylene	76		45 - 132				09/05/17 12:59	09/06/17 21:21	1
DCB Decachlorobiphenyl	87		42 - 146				09/05/17 12:59	09/06/17 21:21	1

## Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.6		mg/Kg		09/02/17 09:04	09/05/17 10:06	4
Arsenic	4.5		3.1		mg/Kg		09/02/17 09:04	09/05/17 10:06	4
Barium	560		1.6		mg/Kg		09/02/17 09:04	09/05/17 10:06	4
Beryllium	0.72		0.31		mg/Kg		09/02/17 09:04	09/05/17 10:06	4
Cadmium	ND		0.39		mg/Kg		09/02/17 09:04	09/05/17 10:06	4
Chromium	62		1.6		mg/Kg		09/02/17 09:04	09/05/17 10:06	4
Cobalt	12		0.62		mg/Kg		09/02/17 09:04	09/05/17 10:06	4
Copper	28		4.7		mg/Kg		09/02/17 09:04	09/05/17 10:06	4
Lead	8.6		3.9		mg/Kg		09/02/17 09:04	09/05/17 13:02	10
Molybdenum	4.0		1.6		mg/Kg		09/02/17 09:04	09/05/17 10:06	4
Nickel	87		1.6		mg/Kg		09/02/17 09:04	09/05/17 10:06	4
Selenium	ND		7.8		mg/Kg		09/02/17 09:04	09/05/17 13:02	10
Silver	ND		0.78		mg/Kg		09/02/17 09:04	09/05/17 10:06	4
Thallium	ND		3.9		mg/Kg		09/02/17 09:04	09/05/17 13:02	10
Vanadium	47		1.6		mg/Kg		09/02/17 09:04	09/05/17 10:06	4
Zinc	53		4.7		mg/Kg		09/02/17 09:04	09/05/17 10:06	4

## Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.051		0.015		mg/Kg		09/06/17 09:15	09/06/17 12:12	1

TestAmerica Pleasanton

# Client Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

**Client Sample ID: SB-06-SO-5.0**

Date Collected: 08/31/17 15:35

Date Received: 09/01/17 17:00

**Lab Sample ID: 720-81635-9**

Matrix: Solid

**Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		4.2	1.0	ug/Kg	09/01/17 22:55	09/06/17 21:54	1	
Acetone	ND		42	32	ug/Kg	09/01/17 22:55	09/06/17 21:54	1	
Benzene	ND		4.2	0.55	ug/Kg	09/01/17 22:55	09/06/17 21:54	1	
Dichlorobromomethane	ND		4.2	0.60	ug/Kg	09/01/17 22:55	09/06/17 21:54	1	
Bromobenzene	ND *		4.2	0.66	ug/Kg	09/01/17 22:55	09/06/17 21:54	1	
Chlorobromomethane	ND		17	0.60	ug/Kg	09/01/17 22:55	09/06/17 21:54	1	
Bromoform	ND		4.2	1.7	ug/Kg	09/01/17 22:55	09/06/17 21:54	1	
Bromomethane	ND		8.4	0.66	ug/Kg	09/01/17 22:55	09/06/17 21:54	1	
2-Butanone (MEK)	ND		42	18	ug/Kg	09/01/17 22:55	09/06/17 21:54	1	
n-Butylbenzene	ND *		4.2	0.84	ug/Kg	09/01/17 22:55	09/06/17 21:54	1	
sec-Butylbenzene	ND *		4.2	0.60	ug/Kg	09/01/17 22:55	09/06/17 21:54	1	
tert-Butylbenzene	ND *		4.2	0.61	ug/Kg	09/01/17 22:55	09/06/17 21:54	1	
Carbon disulfide	ND		4.2	1.7	ug/Kg	09/01/17 22:55	09/06/17 21:54	1	
Carbon tetrachloride	ND		4.2	0.52	ug/Kg	09/01/17 22:55	09/06/17 21:54	1	
Chlorobenzene	ND		4.2	0.58	ug/Kg	09/01/17 22:55	09/06/17 21:54	1	
Chloroethane	ND		8.4	0.47	ug/Kg	09/01/17 22:55	09/06/17 21:54	1	
Chloroform	ND		4.2	0.55	ug/Kg	09/01/17 22:55	09/06/17 21:54	1	
Chloromethane	ND		8.4	0.60	ug/Kg	09/01/17 22:55	09/06/17 21:54	1	
2-Chlorotoluene	ND *		4.2	0.55	ug/Kg	09/01/17 22:55	09/06/17 21:54	1	
4-Chlorotoluene	ND *		4.2	0.57	ug/Kg	09/01/17 22:55	09/06/17 21:54	1	
Chlorodibromomethane	ND		4.2	0.60	ug/Kg	09/01/17 22:55	09/06/17 21:54	1	
1,2-Dichlorobenzene	ND *		4.2	0.57	ug/Kg	09/01/17 22:55	09/06/17 21:54	1	
1,3-Dichlorobenzene	ND *		4.2	0.60	ug/Kg	09/01/17 22:55	09/06/17 21:54	1	
1,4-Dichlorobenzene	ND *		4.2	0.60	ug/Kg	09/01/17 22:55	09/06/17 21:54	1	
1,3-Dichloropropane	ND		4.2	0.61	ug/Kg	09/01/17 22:55	09/06/17 21:54	1	
1,1-Dichloropropene	ND		4.2	0.58	ug/Kg	09/01/17 22:55	09/06/17 21:54	1	
1,2-Dibromo-3-Chloropropane	ND *		8.4	1.4	ug/Kg	09/01/17 22:55	09/06/17 21:54	1	
Ethylene Dibromide	ND		4.2	1.2	ug/Kg	09/01/17 22:55	09/06/17 21:54	1	
Dibromomethane	ND		8.4	0.72	ug/Kg	09/01/17 22:55	09/06/17 21:54	1	
Dichlorodifluoromethane	ND		8.4	0.66	ug/Kg	09/01/17 22:55	09/06/17 21:54	1	
1,1-Dichloroethane	ND		4.2	0.57	ug/Kg	09/01/17 22:55	09/06/17 21:54	1	
1,2-Dichloroethane	ND		4.2	0.64	ug/Kg	09/01/17 22:55	09/06/17 21:54	1	
1,1-Dichloroethene	ND		4.2	0.52	ug/Kg	09/01/17 22:55	09/06/17 21:54	1	
cis-1,2-Dichloroethene	ND		4.2	0.57	ug/Kg	09/01/17 22:55	09/06/17 21:54	1	
trans-1,2-Dichloroethene	ND		4.2	0.63	ug/Kg	09/01/17 22:55	09/06/17 21:54	1	
1,2-Dichloropropane	ND		4.2	0.53	ug/Kg	09/01/17 22:55	09/06/17 21:54	1	
cis-1,3-Dichloropropene	ND		4.2	0.58	ug/Kg	09/01/17 22:55	09/06/17 21:54	1	
trans-1,3-Dichloropropene	ND		4.2	0.56	ug/Kg	09/01/17 22:55	09/06/17 21:54	1	
Ethylbenzene	ND		4.2	0.63	ug/Kg	09/01/17 22:55	09/06/17 21:54	1	
Hexachlorobutadiene	ND *		4.2	0.76	ug/Kg	09/01/17 22:55	09/06/17 21:54	1	
2-Hexanone	ND		42	8.4	ug/Kg	09/01/17 22:55	09/06/17 21:54	1	
Isopropylbenzene	ND		4.2	0.57	ug/Kg	09/01/17 22:55	09/06/17 21:54	1	
4-Isopropyltoluene	ND *		4.2	2.1	ug/Kg	09/01/17 22:55	09/06/17 21:54	1	
Methylene Chloride	ND		8.4	3.4	ug/Kg	09/01/17 22:55	09/06/17 21:54	1	
4-Methyl-2-pentanone (MIBK)	ND		42	8.4	ug/Kg	09/01/17 22:55	09/06/17 21:54	1	
Naphthalene	ND *		8.4	1.3	ug/Kg	09/01/17 22:55	09/06/17 21:54	1	
N-Propylbenzene	ND *		4.2	0.55	ug/Kg	09/01/17 22:55	09/06/17 21:54	1	
Styrene	ND		4.2	0.53	ug/Kg	09/01/17 22:55	09/06/17 21:54	1	
1,1,1,2-Tetrachloroethane	ND		4.2	0.64	ug/Kg	09/01/17 22:55	09/06/17 21:54	1	

TestAmerica Pleasanton

# Client Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

**Client Sample ID: SB-06-SO-5.0**

Date Collected: 08/31/17 15:35

Date Received: 09/01/17 17:00

**Lab Sample ID: 720-81635-9**

Matrix: Solid

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND	*	4.2	0.63	ug/Kg		09/01/17 22:55	09/06/17 21:54	1
<b>Tetrachloroethene</b>	<b>0.93</b>	<b>J</b>	4.2	0.56	ug/Kg		09/01/17 22:55	09/06/17 21:54	1
Toluene	ND		4.2	0.60	ug/Kg		09/01/17 22:55	09/06/17 21:54	1
1,2,3-Trichlorobenzene	ND	*	4.2	0.62	ug/Kg		09/01/17 22:55	09/06/17 21:54	1
1,2,4-Trichlorobenzene	ND	*	4.2	0.60	ug/Kg		09/01/17 22:55	09/06/17 21:54	1
1,1,1-Trichloroethane	ND		4.2	0.51	ug/Kg		09/01/17 22:55	09/06/17 21:54	1
1,1,2-Trichloroethane	ND		4.2	0.59	ug/Kg		09/01/17 22:55	09/06/17 21:54	1
Trichloroethene	ND		4.2	0.53	ug/Kg		09/01/17 22:55	09/06/17 21:54	1
Trichlorofluoromethane	ND		4.2	0.47	ug/Kg		09/01/17 22:55	09/06/17 21:54	1
1,2,3-Trichloropropane	ND	*	4.2	0.65	ug/Kg		09/01/17 22:55	09/06/17 21:54	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.2	1.7	ug/Kg		09/01/17 22:55	09/06/17 21:54	1
1,2,4-Trimethylbenzene	ND	*	4.2	1.4	ug/Kg		09/01/17 22:55	09/06/17 21:54	1
1,3,5-Trimethylbenzene	ND	*	4.2	0.55	ug/Kg		09/01/17 22:55	09/06/17 21:54	1
Vinyl acetate	ND		17	4.2	ug/Kg		09/01/17 22:55	09/06/17 21:54	1
Vinyl chloride	ND		4.2	0.61	ug/Kg		09/01/17 22:55	09/06/17 21:54	1
<b>Xylenes, Total</b>	<b>1.6</b>	<b>J</b>	8.4	1.0	ug/Kg		09/01/17 22:55	09/06/17 21:54	1
2,2-Dichloropropane	ND		4.2	1.7	ug/Kg		09/01/17 22:55	09/06/17 21:54	1
Gasoline Range Organics (GRO) -C5-C12	ND		210	84	ug/Kg		09/01/17 22:55	09/06/17 21:54	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>		<b>Limits</b>			<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
4-Bromofluorobenzene	89			45 - 131			09/01/17 22:55	09/06/17 21:54	1
1,2-Dichloroethane-d4 (Surr)	111			60 - 140			09/01/17 22:55	09/06/17 21:54	1
Toluene-d8 (Surr)	100			58 - 140			09/01/17 22:55	09/06/17 21:54	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		0.67	0.055	mg/Kg		09/05/17 12:00	09/06/17 22:48	2
Bis(2-chloroethyl)ether	ND		0.67	0.070	mg/Kg		09/05/17 12:00	09/06/17 22:48	2
2-Chlorophenol	ND		0.67	0.037	mg/Kg		09/05/17 12:00	09/06/17 22:48	2
1,3-Dichlorobenzene	ND		0.67	0.040	mg/Kg		09/05/17 12:00	09/06/17 22:48	2
1,4-Dichlorobenzene	ND		0.67	0.090	mg/Kg		09/05/17 12:00	09/06/17 22:48	2
Benzyl alcohol	ND		1.7	0.052	mg/Kg		09/05/17 12:00	09/06/17 22:48	2
1,2-Dichlorobenzene	ND		0.67	0.047	mg/Kg		09/05/17 12:00	09/06/17 22:48	2
2-Methylphenol	ND		0.67	0.050	mg/Kg		09/05/17 12:00	09/06/17 22:48	2
Methylphenol, 3 & 4	ND		0.67	0.095	mg/Kg		09/05/17 12:00	09/06/17 22:48	2
N-Nitrosodi-n-propylamine	ND		0.67	0.33	mg/Kg		09/05/17 12:00	09/06/17 22:48	2
Hexachloroethane	ND		0.67	0.33	mg/Kg		09/05/17 12:00	09/06/17 22:48	2
Nitrobenzene	ND		0.67	0.14	mg/Kg		09/05/17 12:00	09/06/17 22:48	2
Isophorone	ND		0.67	0.047	mg/Kg		09/05/17 12:00	09/06/17 22:48	2
2-Nitrophenol	ND		0.67	0.33	mg/Kg		09/05/17 12:00	09/06/17 22:48	2
2,4-Dimethylphenol	ND		0.67	0.27	mg/Kg		09/05/17 12:00	09/06/17 22:48	2
Bis(2-chloroethoxy)methane	ND		1.7	0.055	mg/Kg		09/05/17 12:00	09/06/17 22:48	2
2,4-Dichlorophenol	ND		3.3	0.045	mg/Kg		09/05/17 12:00	09/06/17 22:48	2
1,2,4-Trichlorobenzene	ND		0.67	0.070	mg/Kg		09/05/17 12:00	09/06/17 22:48	2
Naphthalene	ND		0.67	0.048	mg/Kg		09/05/17 12:00	09/06/17 22:48	2
4-Chloroaniline	ND		1.7	0.044	mg/Kg		09/05/17 12:00	09/06/17 22:48	2
Hexachlorobutadiene	ND		0.67	0.052	mg/Kg		09/05/17 12:00	09/06/17 22:48	2
4-Chloro-3-methylphenol	ND		1.7	0.054	mg/Kg		09/05/17 12:00	09/06/17 22:48	2
2-Methylnaphthalene	ND		0.67	0.062	mg/Kg		09/05/17 12:00	09/06/17 22:48	2

TestAmerica Pleasanton

# Client Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

**Client Sample ID: SB-06-SO-5.0**

**Lab Sample ID: 720-81635-9**

Date Collected: 08/31/17 15:35

Matrix: Solid

Date Received: 09/01/17 17:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorocyclopentadiene	ND		1.7	0.27	mg/Kg		09/05/17 12:00	09/06/17 22:48	2
2,4,6-Trichlorophenol	ND		1.7	0.098	mg/Kg		09/05/17 12:00	09/06/17 22:48	2
2,4,5-Trichlorophenol	ND		0.67	0.042	mg/Kg		09/05/17 12:00	09/06/17 22:48	2
2-Chloronaphthalene	ND		0.67	0.048	mg/Kg		09/05/17 12:00	09/06/17 22:48	2
2-Nitroaniline	ND		3.3	0.34	mg/Kg		09/05/17 12:00	09/06/17 22:48	2
Dimethyl phthalate	ND		1.7	0.058	mg/Kg		09/05/17 12:00	09/06/17 22:48	2
Acenaphthylene	ND		0.67	0.056	mg/Kg		09/05/17 12:00	09/06/17 22:48	2
3-Nitroaniline	ND		1.7	0.39	mg/Kg		09/05/17 12:00	09/06/17 22:48	2
Acenaphthene	ND		0.67	0.038	mg/Kg		09/05/17 12:00	09/06/17 22:48	2
2,4-Dinitrophenol	ND		6.6	0.66	mg/Kg		09/05/17 12:00	09/06/17 22:48	2
4-Nitrophenol	ND		3.3	0.34	mg/Kg		09/05/17 12:00	09/06/17 22:48	2
Dibenzofuran	ND		0.67	0.053	mg/Kg		09/05/17 12:00	09/06/17 22:48	2
2,4-Dinitrotoluene	ND		0.67	0.33	mg/Kg		09/05/17 12:00	09/06/17 22:48	2
2,6-Dinitrotoluene	ND		0.67	0.34	mg/Kg		09/05/17 12:00	09/06/17 22:48	2
Diethyl phthalate	ND		1.7	0.047	mg/Kg		09/05/17 12:00	09/06/17 22:48	2
4-Chlorophenyl phenyl ether	ND		1.7	0.059	mg/Kg		09/05/17 12:00	09/06/17 22:48	2
<b>Fluorene</b>	<b>0.045 J</b>		0.67	0.040	mg/Kg		09/05/17 12:00	09/06/17 22:48	2
4-Nitroaniline	ND		3.3	0.33	mg/Kg		09/05/17 12:00	09/06/17 22:48	2
2-Methyl-4,6-dinitrophenol	ND		3.3	0.34	mg/Kg		09/05/17 12:00	09/06/17 22:48	2
N-Nitrosodiphenylamine	ND		0.67	0.039	mg/Kg		09/05/17 12:00	09/06/17 22:48	2
4-Bromophenyl phenyl ether	ND		1.7	0.051	mg/Kg		09/05/17 12:00	09/06/17 22:48	2
Hexachlorobenzene	ND		0.67	0.33	mg/Kg		09/05/17 12:00	09/06/17 22:48	2
Pentachlorophenol	ND		3.3	0.16	mg/Kg		09/05/17 12:00	09/06/17 22:48	2
<b>Phenanthrene</b>	<b>0.13 J</b>		0.67	0.046	mg/Kg		09/05/17 12:00	09/06/17 22:48	2
Anthracene	ND		0.67	0.043	mg/Kg		09/05/17 12:00	09/06/17 22:48	2
Di-n-butyl phthalate	ND		1.7	0.33	mg/Kg		09/05/17 12:00	09/06/17 22:48	2
<b>Fluoranthene</b>	<b>0.19 J</b>		0.67	0.073	mg/Kg		09/05/17 12:00	09/06/17 22:48	2
<b>Pyrene</b>	<b>0.21 J</b>		0.67	0.038	mg/Kg		09/05/17 12:00	09/06/17 22:48	2
<b>Butyl benzyl phthalate</b>	<b>0.67 J</b>		1.7	0.054	mg/Kg		09/05/17 12:00	09/06/17 22:48	2
3,3'-Dichlorobenzidine	ND		1.7	0.10	mg/Kg		09/05/17 12:00	09/06/17 22:48	2
<b>Benzo[a]anthracene</b>	<b>0.19 J</b>		3.3	0.18	mg/Kg		09/05/17 12:00	09/06/17 22:48	2
<b>Bis(2-ethylhexyl) phthalate</b>	<b>0.56 J</b>		3.3	0.066	mg/Kg		09/05/17 12:00	09/06/17 22:48	2
Chrysene	ND		0.67	0.33	mg/Kg		09/05/17 12:00	09/06/17 22:48	2
Di-n-octyl phthalate	ND		1.7	0.048	mg/Kg		09/05/17 12:00	09/06/17 22:48	2
<b>Benzo[b]fluoranthene</b>	<b>0.21 J</b>		0.67	0.095	mg/Kg		09/05/17 12:00	09/06/17 22:48	2
<b>Benzo[a]pyrene</b>	<b>0.31 J</b>		0.67	0.066	mg/Kg		09/05/17 12:00	09/06/17 22:48	2
Benzo[k]fluoranthene	ND		0.67	0.14	mg/Kg		09/05/17 12:00	09/06/17 22:48	2
<b>Indeno[1,2,3-cd]pyrene</b>	<b>0.28 J</b>		0.67	0.13	mg/Kg		09/05/17 12:00	09/06/17 22:48	2
Benzo[g,h,i]perylene	ND		0.67	0.20	mg/Kg		09/05/17 12:00	09/06/17 22:48	2
Benzoic acid	ND		3.3	0.34	mg/Kg		09/05/17 12:00	09/06/17 22:48	2
Azobenzene	ND		0.67	0.058	mg/Kg		09/05/17 12:00	09/06/17 22:48	2
Dibenzo(a,h)anthracene	ND		0.67	0.15	mg/Kg		09/05/17 12:00	09/06/17 22:48	2
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>		<b>Limits</b>			<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
Nitrobenzene-d5	36			21 - 98			09/05/17 12:00	09/06/17 22:48	2
2-Fluorobiphenyl	49			30 - 112			09/05/17 12:00	09/06/17 22:48	2
Terphenyl-d14	69			59 - 134			09/05/17 12:00	09/06/17 22:48	2
2-Fluorophenol	42			28 - 98			09/05/17 12:00	09/06/17 22:48	2
Phenol-d5	52			23 - 101			09/05/17 12:00	09/06/17 22:48	2
2,4,6-Tribromophenol	63			37 - 114			09/05/17 12:00	09/06/17 22:48	2

TestAmerica Pleasanton

# Client Sample Results

Client: Haley & Aldrich, Inc.

Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	180		7.5		mg/Kg	D	09/06/17 14:54	09/07/17 13:37	3
Motor Oil Range Organics [C24-C36]	610		370		mg/Kg	D	09/06/17 14:54	09/07/17 13:37	3
<b>Surrogate</b>									
p-Terphenyl	53		40 - 130				09/06/17 14:54	09/07/17 13:37	3

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		49		ug/Kg	D	09/05/17 12:59	09/06/17 21:38	1
PCB-1221	ND		49		ug/Kg	D	09/05/17 12:59	09/06/17 21:38	1
PCB-1232	ND		49		ug/Kg	D	09/05/17 12:59	09/06/17 21:38	1
PCB-1242	ND		49		ug/Kg	D	09/05/17 12:59	09/06/17 21:38	1
PCB-1248	ND		49		ug/Kg	D	09/05/17 12:59	09/06/17 21:38	1
<b>PCB-1254</b>	230		49		ug/Kg	D	09/05/17 12:59	09/06/17 21:38	1
PCB-1260	ND		49		ug/Kg	D	09/05/17 12:59	09/06/17 21:38	1
<b>Surrogate</b>									
Tetrachloro-m-xylene	87		45 - 132				09/05/17 12:59	09/06/17 21:38	1
DCB Decachlorobiphenyl	118		42 - 146				09/05/17 12:59	09/06/17 21:38	1

## Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	2.0		1.4		mg/Kg	D	09/02/17 09:04	09/05/17 10:10	4
Arsenic	7.4		2.7		mg/Kg	D	09/02/17 09:04	09/05/17 10:10	4
Barium	330		1.4		mg/Kg	D	09/02/17 09:04	09/05/17 10:10	4
Beryllium	0.33		0.27		mg/Kg	D	09/02/17 09:04	09/05/17 10:10	4
Cadmium	6.0		0.34		mg/Kg	D	09/02/17 09:04	09/05/17 10:10	4
Chromium	330		1.4		mg/Kg	D	09/02/17 09:04	09/05/17 10:10	4
Cobalt	27		0.55		mg/Kg	D	09/02/17 09:04	09/05/17 10:10	4
Copper	410		4.1		mg/Kg	D	09/02/17 09:04	09/05/17 10:10	4
Lead	330		1.4		mg/Kg	D	09/02/17 09:04	09/05/17 10:10	4
Molybdenum	6.7		1.4		mg/Kg	D	09/02/17 09:04	09/05/17 10:10	4
Nickel	410		1.4		mg/Kg	D	09/02/17 09:04	09/05/17 10:10	4
Selenium	4.5		2.7		mg/Kg	D	09/02/17 09:04	09/05/17 10:10	4
Silver	ND		0.68		mg/Kg	D	09/02/17 09:04	09/05/17 10:10	4
Thallium	14		1.4		mg/Kg	D	09/02/17 09:04	09/05/17 10:10	4
Vanadium	52		1.4		mg/Kg	D	09/02/17 09:04	09/05/17 10:10	4
Zinc	880		4.1		mg/Kg	D	09/02/17 09:04	09/05/17 10:10	4

## Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.28		0.015		mg/Kg	D	09/06/17 09:15	09/06/17 12:14	1

TestAmerica Pleasanton

# Client Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

**Client Sample ID: SB-07-SO-1.0**

Date Collected: 08/31/17 15:45

Date Received: 09/01/17 17:00

**Lab Sample ID: 720-81635-10**

Matrix: Solid

**Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		4.5	1.1	ug/Kg	09/01/17 22:55	09/06/17 22:21	1	
Acetone	ND		45	34	ug/Kg	09/01/17 22:55	09/06/17 22:21	1	
Benzene	ND		4.5	0.59	ug/Kg	09/01/17 22:55	09/06/17 22:21	1	
Dichlorobromomethane	ND		4.5	0.65	ug/Kg	09/01/17 22:55	09/06/17 22:21	1	
Bromobenzene	ND		4.5	0.71	ug/Kg	09/01/17 22:55	09/06/17 22:21	1	
Chlorobromomethane	ND		18	0.65	ug/Kg	09/01/17 22:55	09/06/17 22:21	1	
Bromoform	ND		4.5	1.8	ug/Kg	09/01/17 22:55	09/06/17 22:21	1	
Bromomethane	ND		9.0	0.71	ug/Kg	09/01/17 22:55	09/06/17 22:21	1	
2-Butanone (MEK)	ND		45	19	ug/Kg	09/01/17 22:55	09/06/17 22:21	1	
n-Butylbenzene	ND		4.5	0.90	ug/Kg	09/01/17 22:55	09/06/17 22:21	1	
sec-Butylbenzene	ND		4.5	0.65	ug/Kg	09/01/17 22:55	09/06/17 22:21	1	
tert-Butylbenzene	ND		4.5	0.66	ug/Kg	09/01/17 22:55	09/06/17 22:21	1	
Carbon disulfide	ND		4.5	1.8	ug/Kg	09/01/17 22:55	09/06/17 22:21	1	
Carbon tetrachloride	ND		4.5	0.56	ug/Kg	09/01/17 22:55	09/06/17 22:21	1	
Chlorobenzene	ND		4.5	0.62	ug/Kg	09/01/17 22:55	09/06/17 22:21	1	
Chloroethane	ND		9.0	0.50	ug/Kg	09/01/17 22:55	09/06/17 22:21	1	
Chloroform	ND		4.5	0.59	ug/Kg	09/01/17 22:55	09/06/17 22:21	1	
Chloromethane	ND		9.0	0.65	ug/Kg	09/01/17 22:55	09/06/17 22:21	1	
2-Chlorotoluene	ND		4.5	0.59	ug/Kg	09/01/17 22:55	09/06/17 22:21	1	
4-Chlorotoluene	ND		4.5	0.61	ug/Kg	09/01/17 22:55	09/06/17 22:21	1	
Chlorodibromomethane	ND		4.5	0.64	ug/Kg	09/01/17 22:55	09/06/17 22:21	1	
1,2-Dichlorobenzene	ND		4.5	0.61	ug/Kg	09/01/17 22:55	09/06/17 22:21	1	
1,3-Dichlorobenzene	ND		4.5	0.65	ug/Kg	09/01/17 22:55	09/06/17 22:21	1	
1,4-Dichlorobenzene	ND		4.5	0.64	ug/Kg	09/01/17 22:55	09/06/17 22:21	1	
1,3-Dichloropropane	ND		4.5	0.66	ug/Kg	09/01/17 22:55	09/06/17 22:21	1	
1,1-Dichloropropene	ND		4.5	0.62	ug/Kg	09/01/17 22:55	09/06/17 22:21	1	
1,2-Dibromo-3-Chloropropane	ND		9.0	1.5	ug/Kg	09/01/17 22:55	09/06/17 22:21	1	
Ethylene Dibromide	ND		4.5	1.3	ug/Kg	09/01/17 22:55	09/06/17 22:21	1	
Dibromomethane	ND		9.0	0.77	ug/Kg	09/01/17 22:55	09/06/17 22:21	1	
Dichlorodifluoromethane	ND		9.0	0.71	ug/Kg	09/01/17 22:55	09/06/17 22:21	1	
1,1-Dichloroethane	ND		4.5	0.61	ug/Kg	09/01/17 22:55	09/06/17 22:21	1	
1,2-Dichloroethane	ND		4.5	0.68	ug/Kg	09/01/17 22:55	09/06/17 22:21	1	
1,1-Dichloroethene	ND		4.5	0.56	ug/Kg	09/01/17 22:55	09/06/17 22:21	1	
cis-1,2-Dichloroethene	ND		4.5	0.61	ug/Kg	09/01/17 22:55	09/06/17 22:21	1	
trans-1,2-Dichloroethene	ND		4.5	0.68	ug/Kg	09/01/17 22:55	09/06/17 22:21	1	
1,2-Dichloropropane	ND		4.5	0.57	ug/Kg	09/01/17 22:55	09/06/17 22:21	1	
cis-1,3-Dichloropropene	ND		4.5	0.62	ug/Kg	09/01/17 22:55	09/06/17 22:21	1	
trans-1,3-Dichloropropene	ND		4.5	0.60	ug/Kg	09/01/17 22:55	09/06/17 22:21	1	
Ethylbenzene	ND		4.5	0.68	ug/Kg	09/01/17 22:55	09/06/17 22:21	1	
Hexachlorobutadiene	ND		4.5	0.81	ug/Kg	09/01/17 22:55	09/06/17 22:21	1	
2-Hexanone	ND		45	9.0	ug/Kg	09/01/17 22:55	09/06/17 22:21	1	
Isopropylbenzene	ND		4.5	0.61	ug/Kg	09/01/17 22:55	09/06/17 22:21	1	
4-Isopropyltoluene	ND		4.5	2.3	ug/Kg	09/01/17 22:55	09/06/17 22:21	1	
Methylene Chloride	ND		9.0	3.6	ug/Kg	09/01/17 22:55	09/06/17 22:21	1	
4-Methyl-2-pentanone (MIBK)	ND		45	9.0	ug/Kg	09/01/17 22:55	09/06/17 22:21	1	
Naphthalene	ND		9.0	1.4	ug/Kg	09/01/17 22:55	09/06/17 22:21	1	
N-Propylbenzene	ND		4.5	0.59	ug/Kg	09/01/17 22:55	09/06/17 22:21	1	
Styrene	ND		4.5	0.57	ug/Kg	09/01/17 22:55	09/06/17 22:21	1	
1,1,1,2-Tetrachloroethane	ND		4.5	0.68	ug/Kg	09/01/17 22:55	09/06/17 22:21	1	

TestAmerica Pleasanton

# Client Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

**Client Sample ID: SB-07-SO-1.0**

**Lab Sample ID: 720-81635-10**

Date Collected: 08/31/17 15:45

Matrix: Solid

Date Received: 09/01/17 17:00

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		4.5	0.68	ug/Kg		09/01/17 22:55	09/06/17 22:21	1
Tetrachloroethene	ND		4.5	0.60	ug/Kg		09/01/17 22:55	09/06/17 22:21	1
Toluene	ND		4.5	0.64	ug/Kg		09/01/17 22:55	09/06/17 22:21	1
1,2,3-Trichlorobenzene	ND		4.5	0.67	ug/Kg		09/01/17 22:55	09/06/17 22:21	1
1,2,4-Trichlorobenzene	ND		4.5	0.64	ug/Kg		09/01/17 22:55	09/06/17 22:21	1
1,1,1-Trichloroethane	ND		4.5	0.55	ug/Kg		09/01/17 22:55	09/06/17 22:21	1
1,1,2-Trichloroethane	ND		4.5	0.63	ug/Kg		09/01/17 22:55	09/06/17 22:21	1
Trichloroethene	ND		4.5	0.57	ug/Kg		09/01/17 22:55	09/06/17 22:21	1
Trichlorofluoromethane	ND		4.5	0.50	ug/Kg		09/01/17 22:55	09/06/17 22:21	1
1,2,3-Trichloropropane	ND		4.5	0.69	ug/Kg		09/01/17 22:55	09/06/17 22:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.5	1.9	ug/Kg		09/01/17 22:55	09/06/17 22:21	1
1,2,4-Trimethylbenzene	ND		4.5	1.5	ug/Kg		09/01/17 22:55	09/06/17 22:21	1
1,3,5-Trimethylbenzene	ND		4.5	0.59	ug/Kg		09/01/17 22:55	09/06/17 22:21	1
Vinyl acetate	ND		18	4.5	ug/Kg		09/01/17 22:55	09/06/17 22:21	1
Vinyl chloride	ND		4.5	0.66	ug/Kg		09/01/17 22:55	09/06/17 22:21	1
Xylenes, Total	ND		9.0	1.1	ug/Kg		09/01/17 22:55	09/06/17 22:21	1
2,2-Dichloropropane	ND		4.5	1.8	ug/Kg		09/01/17 22:55	09/06/17 22:21	1
Gasoline Range Organics (GRO) -C5-C12	ND		230	90	ug/Kg		09/01/17 22:55	09/06/17 22:21	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>		<b>Limits</b>			<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
4-Bromofluorobenzene	98			45 - 131			09/01/17 22:55	09/06/17 22:21	1
1,2-Dichloroethane-d4 (Surr)	119			60 - 140			09/01/17 22:55	09/06/17 22:21	1
Toluene-d8 (Surr)	104			58 - 140			09/01/17 22:55	09/06/17 22:21	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		0.33	0.027	mg/Kg		09/05/17 12:00	09/06/17 23:10	5
Bis(2-chloroethyl)ether	ND		0.33	0.035	mg/Kg		09/05/17 12:00	09/06/17 23:10	5
2-Chlorophenol	ND		0.33	0.018	mg/Kg		09/05/17 12:00	09/06/17 23:10	5
1,3-Dichlorobenzene	ND		0.33	0.020	mg/Kg		09/05/17 12:00	09/06/17 23:10	5
1,4-Dichlorobenzene	ND		0.33	0.045	mg/Kg		09/05/17 12:00	09/06/17 23:10	5
Benzyl alcohol	ND		0.85	0.026	mg/Kg		09/05/17 12:00	09/06/17 23:10	5
1,2-Dichlorobenzene	ND		0.33	0.023	mg/Kg		09/05/17 12:00	09/06/17 23:10	5
2-Methylphenol	ND		0.33	0.025	mg/Kg		09/05/17 12:00	09/06/17 23:10	5
Methylphenol, 3 & 4	ND		0.33	0.047	mg/Kg		09/05/17 12:00	09/06/17 23:10	5
N-Nitrosodi-n-propylamine	ND		0.33	0.16	mg/Kg		09/05/17 12:00	09/06/17 23:10	5
Hexachloroethane	ND		0.33	0.16	mg/Kg		09/05/17 12:00	09/06/17 23:10	5
Nitrobenzene	ND		0.33	0.070	mg/Kg		09/05/17 12:00	09/06/17 23:10	5
Isophorone	ND		0.33	0.023	mg/Kg		09/05/17 12:00	09/06/17 23:10	5
2-Nitrophenol	ND		0.33	0.16	mg/Kg		09/05/17 12:00	09/06/17 23:10	5
2,4-Dimethylphenol	ND		0.33	0.13	mg/Kg		09/05/17 12:00	09/06/17 23:10	5
Bis(2-chloroethoxy)methane	ND		0.85	0.027	mg/Kg		09/05/17 12:00	09/06/17 23:10	5
2,4-Dichlorophenol	ND		1.6	0.022	mg/Kg		09/05/17 12:00	09/06/17 23:10	5
1,2,4-Trichlorobenzene	ND		0.33	0.035	mg/Kg		09/05/17 12:00	09/06/17 23:10	5
Naphthalene	ND		0.33	0.024	mg/Kg		09/05/17 12:00	09/06/17 23:10	5
4-Chloroaniline	ND		0.85	0.022	mg/Kg		09/05/17 12:00	09/06/17 23:10	5
Hexachlorobutadiene	ND		0.33	0.026	mg/Kg		09/05/17 12:00	09/06/17 23:10	5
4-Chloro-3-methylphenol	ND		0.85	0.027	mg/Kg		09/05/17 12:00	09/06/17 23:10	5
2-Methylnaphthalene	ND		0.33	0.031	mg/Kg		09/05/17 12:00	09/06/17 23:10	5

TestAmerica Pleasanton

# Client Sample Results

Client: Haley & Aldrich, Inc.

Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

**Client Sample ID: SB-07-SO-1.0**

**Lab Sample ID: 720-81635-10**

Date Collected: 08/31/17 15:45

Matrix: Solid

Date Received: 09/01/17 17:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorocyclopentadiene	ND		0.85	0.13	mg/Kg		09/05/17 12:00	09/06/17 23:10	5
2,4,6-Trichlorophenol	ND		0.85	0.049	mg/Kg		09/05/17 12:00	09/06/17 23:10	5
2,4,5-Trichlorophenol	ND		0.33	0.021	mg/Kg		09/05/17 12:00	09/06/17 23:10	5
2-Chloronaphthalene	ND		0.33	0.024	mg/Kg		09/05/17 12:00	09/06/17 23:10	5
2-Nitroaniline	ND		1.6	0.17	mg/Kg		09/05/17 12:00	09/06/17 23:10	5
Dimethyl phthalate	ND		0.85	0.029	mg/Kg		09/05/17 12:00	09/06/17 23:10	5
Acenaphthylene	ND		0.33	0.028	mg/Kg		09/05/17 12:00	09/06/17 23:10	5
3-Nitroaniline	ND		0.85	0.19	mg/Kg		09/05/17 12:00	09/06/17 23:10	5
Acenaphthene	ND		0.33	0.019	mg/Kg		09/05/17 12:00	09/06/17 23:10	5
2,4-Dinitrophenol	ND		3.3	0.33	mg/Kg		09/05/17 12:00	09/06/17 23:10	5
4-Nitrophenol	ND		1.6	0.17	mg/Kg		09/05/17 12:00	09/06/17 23:10	5
Dibenzofuran	ND		0.33	0.026	mg/Kg		09/05/17 12:00	09/06/17 23:10	5
2,4-Dinitrotoluene	ND		0.33	0.16	mg/Kg		09/05/17 12:00	09/06/17 23:10	5
2,6-Dinitrotoluene	ND		0.33	0.17	mg/Kg		09/05/17 12:00	09/06/17 23:10	5
Diethyl phthalate	ND		0.85	0.023	mg/Kg		09/05/17 12:00	09/06/17 23:10	5
4-Chlorophenyl phenyl ether	ND		0.85	0.029	mg/Kg		09/05/17 12:00	09/06/17 23:10	5
Fluorene	ND		0.33	0.020	mg/Kg		09/05/17 12:00	09/06/17 23:10	5
4-Nitroaniline	ND		1.6	0.16	mg/Kg		09/05/17 12:00	09/06/17 23:10	5
2-Methyl-4,6-dinitrophenol	ND		1.6	0.17	mg/Kg		09/05/17 12:00	09/06/17 23:10	5
N-Nitrosodiphenylamine	ND		0.33	0.019	mg/Kg		09/05/17 12:00	09/06/17 23:10	5
4-Bromophenyl phenyl ether	ND		0.85	0.025	mg/Kg		09/05/17 12:00	09/06/17 23:10	5
Hexachlorobenzene	ND		0.33	0.16	mg/Kg		09/05/17 12:00	09/06/17 23:10	5
Pentachlorophenol	ND		1.6	0.080	mg/Kg		09/05/17 12:00	09/06/17 23:10	5
Phenanthrene	ND		0.33	0.023	mg/Kg		09/05/17 12:00	09/06/17 23:10	5
Anthracene	ND		0.33	0.021	mg/Kg		09/05/17 12:00	09/06/17 23:10	5
Di-n-butyl phthalate	ND		0.85	0.16	mg/Kg		09/05/17 12:00	09/06/17 23:10	5
Fluoranthene	ND		0.33	0.036	mg/Kg		09/05/17 12:00	09/06/17 23:10	5
<b>Pyrene</b>	<b>0.035 J</b>		0.33	0.019	mg/Kg		09/05/17 12:00	09/06/17 23:10	5
Butyl benzyl phthalate	ND		0.85	0.027	mg/Kg		09/05/17 12:00	09/06/17 23:10	5
3,3'-Dichlorobenzidine	ND		0.85	0.050	mg/Kg		09/05/17 12:00	09/06/17 23:10	5
Benzo[a]anthracene	ND		1.6	0.090	mg/Kg		09/05/17 12:00	09/06/17 23:10	5
<b>Bis(2-ethylhexyl) phthalate</b>	<b>0.18 J</b>		1.6	0.033	mg/Kg		09/05/17 12:00	09/06/17 23:10	5
Chrysene	ND		0.33	0.16	mg/Kg		09/05/17 12:00	09/06/17 23:10	5
Di-n-octyl phthalate	ND		0.85	0.024	mg/Kg		09/05/17 12:00	09/06/17 23:10	5
Benzo[b]fluoranthene	ND		0.33	0.047	mg/Kg		09/05/17 12:00	09/06/17 23:10	5
<b>Benzo[a]pyrene</b>	<b>0.11 J</b>		0.33	0.033	mg/Kg		09/05/17 12:00	09/06/17 23:10	5
Benzo[k]fluoranthene	ND		0.33	0.070	mg/Kg		09/05/17 12:00	09/06/17 23:10	5
<b>Indeno[1,2,3-cd]pyrene</b>	<b>0.11 J</b>		0.33	0.065	mg/Kg		09/05/17 12:00	09/06/17 23:10	5
Benzo[g,h,i]perylene	ND		0.33	0.10	mg/Kg		09/05/17 12:00	09/06/17 23:10	5
Benzoic acid	ND		1.6	0.17	mg/Kg		09/05/17 12:00	09/06/17 23:10	5
Azobenzene	ND		0.33	0.029	mg/Kg		09/05/17 12:00	09/06/17 23:10	5
Dibenzo(a,h)anthracene	ND		0.33	0.075	mg/Kg		09/05/17 12:00	09/06/17 23:10	5
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>		<b>Limits</b>			<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
Nitrobenzene-d5	52			21 - 98			09/05/17 12:00	09/06/17 23:10	5
2-Fluorobiphenyl	63			30 - 112			09/05/17 12:00	09/06/17 23:10	5
Terphenyl-d14	68			59 - 134			09/05/17 12:00	09/06/17 23:10	5
2-Fluorophenol	56			28 - 98			09/05/17 12:00	09/06/17 23:10	5
Phenol-d5	62			23 - 101			09/05/17 12:00	09/06/17 23:10	5
2,4,6-Tribromophenol	60			37 - 114			09/05/17 12:00	09/06/17 23:10	5

TestAmerica Pleasanton

# Client Sample Results

Client: Haley & Aldrich, Inc.

Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	27		1.0		mg/Kg	D	09/06/17 14:54	09/07/17 13:07	1
Motor Oil Range Organics [C24-C36]	110		50		mg/Kg	D	09/06/17 14:54	09/07/17 13:07	1
<b>Surrogate</b>									
p-Terphenyl	50		40 - 130				09/06/17 14:54	09/07/17 13:07	1

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		49		ug/Kg	D	09/05/17 12:59	09/06/17 21:54	1
PCB-1221	ND		49		ug/Kg	D	09/05/17 12:59	09/06/17 21:54	1
PCB-1232	ND		49		ug/Kg	D	09/05/17 12:59	09/06/17 21:54	1
PCB-1242	ND		49		ug/Kg	D	09/05/17 12:59	09/06/17 21:54	1
PCB-1248	ND		49		ug/Kg	D	09/05/17 12:59	09/06/17 21:54	1
PCB-1254	ND		49		ug/Kg	D	09/05/17 12:59	09/06/17 21:54	1
PCB-1260	ND		49		ug/Kg	D	09/05/17 12:59	09/06/17 21:54	1
<b>Surrogate</b>									
Tetrachloro-m-xylene	82		45 - 132				09/05/17 12:59	09/06/17 21:54	1
DCB Decachlorobiphenyl	94		42 - 146				09/05/17 12:59	09/06/17 21:54	1

## Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.3		mg/Kg	D	09/02/17 09:04	09/05/17 10:14	4
Arsenic	3.1		2.5		mg/Kg	D	09/02/17 09:04	09/05/17 10:14	4
Barium	320		1.3		mg/Kg	D	09/02/17 09:04	09/05/17 10:14	4
Beryllium	0.29		0.25		mg/Kg	D	09/02/17 09:04	09/05/17 10:14	4
Cadmium	0.81		0.32		mg/Kg	D	09/02/17 09:04	09/05/17 10:14	4
Chromium	100		1.3		mg/Kg	D	09/02/17 09:04	09/05/17 10:14	4
Cobalt	15		0.51		mg/Kg	D	09/02/17 09:04	09/05/17 10:14	4
Copper	110		3.8		mg/Kg	D	09/02/17 09:04	09/05/17 10:14	4
Lead	220		1.3		mg/Kg	D	09/02/17 09:04	09/05/17 10:14	4
Molybdenum	1.4		1.3		mg/Kg	D	09/02/17 09:04	09/05/17 10:14	4
Nickel	150		1.3		mg/Kg	D	09/02/17 09:04	09/05/17 10:14	4
Selenium	ND		2.5		mg/Kg	D	09/02/17 09:04	09/05/17 10:14	4
Silver	ND		0.63		mg/Kg	D	09/02/17 09:04	09/05/17 10:14	4
Thallium	22		1.3		mg/Kg	D	09/02/17 09:04	09/05/17 10:14	4
Vanadium	86		1.3		mg/Kg	D	09/02/17 09:04	09/05/17 10:14	4
Zinc	210		3.8		mg/Kg	D	09/02/17 09:04	09/05/17 10:14	4

## Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.17		0.017		mg/Kg	D	09/06/17 10:03	09/06/17 13:28	1

TestAmerica Pleasanton

# Client Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

**Client Sample ID: SB-07-SO-5.0**

Date Collected: 08/31/17 15:55

Date Received: 09/01/17 17:00

**Lab Sample ID: 720-81635-11**

Matrix: Solid

**Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		5.1	1.2	ug/Kg	09/01/17 22:55	09/06/17 16:16	1	
Acetone	ND		51	39	ug/Kg	09/01/17 22:55	09/06/17 16:16	1	
Benzene	ND		5.1	0.67	ug/Kg	09/01/17 22:55	09/06/17 16:16	1	
Dichlorobromomethane	ND		5.1	0.74	ug/Kg	09/01/17 22:55	09/06/17 16:16	1	
Bromobenzene	ND		5.1	0.81	ug/Kg	09/01/17 22:55	09/06/17 16:16	1	
Chlorobromomethane	ND		21	0.74	ug/Kg	09/01/17 22:55	09/06/17 16:16	1	
Bromoform	ND		5.1	2.1	ug/Kg	09/01/17 22:55	09/06/17 16:16	1	
Bromomethane	ND		10	0.81	ug/Kg	09/01/17 22:55	09/06/17 16:16	1	
2-Butanone (MEK)	ND		51	22	ug/Kg	09/01/17 22:55	09/06/17 16:16	1	
n-Butylbenzene	ND		5.1	1.0	ug/Kg	09/01/17 22:55	09/06/17 16:16	1	
sec-Butylbenzene	ND		5.1	0.74	ug/Kg	09/01/17 22:55	09/06/17 16:16	1	
tert-Butylbenzene	ND		5.1	0.75	ug/Kg	09/01/17 22:55	09/06/17 16:16	1	
Carbon disulfide	ND		5.1	2.1	ug/Kg	09/01/17 22:55	09/06/17 16:16	1	
Carbon tetrachloride	ND		5.1	0.64	ug/Kg	09/01/17 22:55	09/06/17 16:16	1	
Chlorobenzene	ND		5.1	0.71	ug/Kg	09/01/17 22:55	09/06/17 16:16	1	
Chloroethane	ND		10	0.58	ug/Kg	09/01/17 22:55	09/06/17 16:16	1	
Chloroform	ND		5.1	0.68	ug/Kg	09/01/17 22:55	09/06/17 16:16	1	
Chloromethane	ND		10	0.74	ug/Kg	09/01/17 22:55	09/06/17 16:16	1	
2-Chlorotoluene	ND		5.1	0.67	ug/Kg	09/01/17 22:55	09/06/17 16:16	1	
4-Chlorotoluene	ND		5.1	0.70	ug/Kg	09/01/17 22:55	09/06/17 16:16	1	
Chlorodibromomethane	ND		5.1	0.73	ug/Kg	09/01/17 22:55	09/06/17 16:16	1	
1,2-Dichlorobenzene	ND		5.1	0.70	ug/Kg	09/01/17 22:55	09/06/17 16:16	1	
1,3-Dichlorobenzene	ND		5.1	0.74	ug/Kg	09/01/17 22:55	09/06/17 16:16	1	
1,4-Dichlorobenzene	ND		5.1	0.73	ug/Kg	09/01/17 22:55	09/06/17 16:16	1	
1,3-Dichloropropane	ND		5.1	0.75	ug/Kg	09/01/17 22:55	09/06/17 16:16	1	
1,1-Dichloropropene	ND		5.1	0.71	ug/Kg	09/01/17 22:55	09/06/17 16:16	1	
1,2-Dibromo-3-Chloropropane	ND		10	1.7	ug/Kg	09/01/17 22:55	09/06/17 16:16	1	
Ethylene Dibromide	ND		5.1	1.5	ug/Kg	09/01/17 22:55	09/06/17 16:16	1	
Dibromomethane	ND		10	0.88	ug/Kg	09/01/17 22:55	09/06/17 16:16	1	
Dichlorodifluoromethane	ND		10	0.81	ug/Kg	09/01/17 22:55	09/06/17 16:16	1	
1,1-Dichloroethane	ND		5.1	0.70	ug/Kg	09/01/17 22:55	09/06/17 16:16	1	
1,2-Dichloroethane	ND		5.1	0.78	ug/Kg	09/01/17 22:55	09/06/17 16:16	1	
1,1-Dichloroethene	ND		5.1	0.64	ug/Kg	09/01/17 22:55	09/06/17 16:16	1	
cis-1,2-Dichloroethene	ND		5.1	0.70	ug/Kg	09/01/17 22:55	09/06/17 16:16	1	
trans-1,2-Dichloroethene	ND		5.1	0.77	ug/Kg	09/01/17 22:55	09/06/17 16:16	1	
1,2-Dichloropropane	ND		5.1	0.65	ug/Kg	09/01/17 22:55	09/06/17 16:16	1	
cis-1,3-Dichloropropene	ND		5.1	0.71	ug/Kg	09/01/17 22:55	09/06/17 16:16	1	
trans-1,3-Dichloropropene	ND		5.1	0.69	ug/Kg	09/01/17 22:55	09/06/17 16:16	1	
Ethylbenzene	ND		5.1	0.77	ug/Kg	09/01/17 22:55	09/06/17 16:16	1	
Hexachlorobutadiene	ND		5.1	0.93	ug/Kg	09/01/17 22:55	09/06/17 16:16	1	
2-Hexanone	ND		51	10	ug/Kg	09/01/17 22:55	09/06/17 16:16	1	
Isopropylbenzene	ND		5.1	0.70	ug/Kg	09/01/17 22:55	09/06/17 16:16	1	
4-Isopropyltoluene	ND		5.1	2.6	ug/Kg	09/01/17 22:55	09/06/17 16:16	1	
Methylene Chloride	ND		10	4.1	ug/Kg	09/01/17 22:55	09/06/17 16:16	1	
4-Methyl-2-pentanone (MIBK)	ND		51	10	ug/Kg	09/01/17 22:55	09/06/17 16:16	1	
Naphthalene	ND		10	1.5	ug/Kg	09/01/17 22:55	09/06/17 16:16	1	
N-Propylbenzene	ND		5.1	0.68	ug/Kg	09/01/17 22:55	09/06/17 16:16	1	
Styrene	ND		5.1	0.65	ug/Kg	09/01/17 22:55	09/06/17 16:16	1	
1,1,1,2-Tetrachloroethane	ND		5.1	0.78	ug/Kg	09/01/17 22:55	09/06/17 16:16	1	

TestAmerica Pleasanton

# Client Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

**Client Sample ID: SB-07-SO-5.0**

**Lab Sample ID: 720-81635-11**

Date Collected: 08/31/17 15:55

Matrix: Solid

Date Received: 09/01/17 17:00

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		5.1	0.77	ug/Kg		09/01/17 22:55	09/06/17 16:16	1
Tetrachloroethene	ND		5.1	0.69	ug/Kg		09/01/17 22:55	09/06/17 16:16	1
Toluene	ND		5.1	0.73	ug/Kg		09/01/17 22:55	09/06/17 16:16	1
1,2,3-Trichlorobenzene	ND		5.1	0.76	ug/Kg		09/01/17 22:55	09/06/17 16:16	1
1,2,4-Trichlorobenzene	ND		5.1	0.73	ug/Kg		09/01/17 22:55	09/06/17 16:16	1
1,1,1-Trichloroethane	ND		5.1	0.63	ug/Kg		09/01/17 22:55	09/06/17 16:16	1
1,1,2-Trichloroethane	ND		5.1	0.72	ug/Kg		09/01/17 22:55	09/06/17 16:16	1
Trichloroethene	ND		5.1	0.65	ug/Kg		09/01/17 22:55	09/06/17 16:16	1
Trichlorofluoromethane	ND		5.1	0.58	ug/Kg		09/01/17 22:55	09/06/17 16:16	1
1,2,3-Trichloropropane	ND		5.1	0.79	ug/Kg		09/01/17 22:55	09/06/17 16:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.1	2.1	ug/Kg		09/01/17 22:55	09/06/17 16:16	1
1,2,4-Trimethylbenzene	ND		5.1	1.7	ug/Kg		09/01/17 22:55	09/06/17 16:16	1
1,3,5-Trimethylbenzene	ND		5.1	0.67	ug/Kg		09/01/17 22:55	09/06/17 16:16	1
Vinyl acetate	ND		21	5.1	ug/Kg		09/01/17 22:55	09/06/17 16:16	1
Vinyl chloride	ND		5.1	0.75	ug/Kg		09/01/17 22:55	09/06/17 16:16	1
Xylenes, Total	ND		10	1.3	ug/Kg		09/01/17 22:55	09/06/17 16:16	1
2,2-Dichloropropane	ND		5.1	2.1	ug/Kg		09/01/17 22:55	09/06/17 16:16	1
Gasoline Range Organics (GRO) -C5-C12	ND		260	100	ug/Kg		09/01/17 22:55	09/06/17 16:16	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>		<b>Limits</b>			<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
4-Bromofluorobenzene	86			45 - 131			09/01/17 22:55	09/06/17 16:16	1
1,2-Dichloroethane-d4 (Surr)	119			60 - 140			09/01/17 22:55	09/06/17 16:16	1
Toluene-d8 (Surr)	93			58 - 140			09/01/17 22:55	09/06/17 16:16	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	0.0055	mg/Kg		09/05/17 12:00	09/06/17 20:32	1
Bis(2-chloroethyl)ether	ND		0.067	0.0070	mg/Kg		09/05/17 12:00	09/06/17 20:32	1
2-Chlorophenol	ND		0.067	0.0037	mg/Kg		09/05/17 12:00	09/06/17 20:32	1
1,3-Dichlorobenzene	ND		0.067	0.0040	mg/Kg		09/05/17 12:00	09/06/17 20:32	1
1,4-Dichlorobenzene	ND		0.067	0.0090	mg/Kg		09/05/17 12:00	09/06/17 20:32	1
Benzyl alcohol	ND		0.17	0.0052	mg/Kg		09/05/17 12:00	09/06/17 20:32	1
1,2-Dichlorobenzene	ND		0.067	0.0047	mg/Kg		09/05/17 12:00	09/06/17 20:32	1
2-Methylphenol	ND		0.067	0.0050	mg/Kg		09/05/17 12:00	09/06/17 20:32	1
Methylphenol, 3 & 4	ND		0.067	0.0095	mg/Kg		09/05/17 12:00	09/06/17 20:32	1
N-Nitrosodi-n-propylamine	ND		0.067	0.033	mg/Kg		09/05/17 12:00	09/06/17 20:32	1
Hexachloroethane	ND		0.067	0.033	mg/Kg		09/05/17 12:00	09/06/17 20:32	1
Nitrobenzene	ND		0.067	0.014	mg/Kg		09/05/17 12:00	09/06/17 20:32	1
Isophorone	ND		0.067	0.0047	mg/Kg		09/05/17 12:00	09/06/17 20:32	1
2-Nitrophenol	ND		0.067	0.033	mg/Kg		09/05/17 12:00	09/06/17 20:32	1
2,4-Dimethylphenol	ND		0.067	0.027	mg/Kg		09/05/17 12:00	09/06/17 20:32	1
Bis(2-chloroethoxy)methane	ND		0.17	0.0055	mg/Kg		09/05/17 12:00	09/06/17 20:32	1
2,4-Dichlorophenol	ND		0.33	0.0045	mg/Kg		09/05/17 12:00	09/06/17 20:32	1
1,2,4-Trichlorobenzene	ND		0.067	0.0070	mg/Kg		09/05/17 12:00	09/06/17 20:32	1
Naphthalene	ND		0.067	0.0048	mg/Kg		09/05/17 12:00	09/06/17 20:32	1
4-Chloroaniline	ND		0.17	0.0044	mg/Kg		09/05/17 12:00	09/06/17 20:32	1
Hexachlorobutadiene	ND		0.067	0.0052	mg/Kg		09/05/17 12:00	09/06/17 20:32	1
4-Chloro-3-methylphenol	ND		0.17	0.0054	mg/Kg		09/05/17 12:00	09/06/17 20:32	1
2-Methylnaphthalene	ND		0.067	0.0062	mg/Kg		09/05/17 12:00	09/06/17 20:32	1

TestAmerica Pleasanton

# Client Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

**Client Sample ID: SB-07-SO-5.0**

**Lab Sample ID: 720-81635-11**

Date Collected: 08/31/17 15:55

Matrix: Solid

Date Received: 09/01/17 17:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorocyclopentadiene	ND		0.17	0.027	mg/Kg		09/05/17 12:00	09/06/17 20:32	1
2,4,6-Trichlorophenol	ND		0.17	0.0098	mg/Kg		09/05/17 12:00	09/06/17 20:32	1
2,4,5-Trichlorophenol	ND		0.067	0.0042	mg/Kg		09/05/17 12:00	09/06/17 20:32	1
2-Chloronaphthalene	ND		0.067	0.0048	mg/Kg		09/05/17 12:00	09/06/17 20:32	1
2-Nitroaniline	ND		0.33	0.034	mg/Kg		09/05/17 12:00	09/06/17 20:32	1
Dimethyl phthalate	ND		0.17	0.0058	mg/Kg		09/05/17 12:00	09/06/17 20:32	1
Acenaphthylene	ND		0.067	0.0056	mg/Kg		09/05/17 12:00	09/06/17 20:32	1
3-Nitroaniline	ND		0.17	0.039	mg/Kg		09/05/17 12:00	09/06/17 20:32	1
Acenaphthene	ND		0.067	0.0038	mg/Kg		09/05/17 12:00	09/06/17 20:32	1
2,4-Dinitrophenol	ND		0.66	0.066	mg/Kg		09/05/17 12:00	09/06/17 20:32	1
4-Nitrophenol	ND		0.33	0.034	mg/Kg		09/05/17 12:00	09/06/17 20:32	1
Dibenzofuran	ND		0.067	0.0053	mg/Kg		09/05/17 12:00	09/06/17 20:32	1
2,4-Dinitrotoluene	ND		0.067	0.033	mg/Kg		09/05/17 12:00	09/06/17 20:32	1
2,6-Dinitrotoluene	ND		0.067	0.034	mg/Kg		09/05/17 12:00	09/06/17 20:32	1
Diethyl phthalate	ND		0.17	0.0047	mg/Kg		09/05/17 12:00	09/06/17 20:32	1
4-Chlorophenyl phenyl ether	ND		0.17	0.0059	mg/Kg		09/05/17 12:00	09/06/17 20:32	1
Fluorene	ND		0.067	0.0040	mg/Kg		09/05/17 12:00	09/06/17 20:32	1
4-Nitroaniline	ND		0.33	0.033	mg/Kg		09/05/17 12:00	09/06/17 20:32	1
2-Methyl-4,6-dinitrophenol	ND		0.33	0.034	mg/Kg		09/05/17 12:00	09/06/17 20:32	1
N-Nitrosodiphenylamine	ND		0.067	0.0039	mg/Kg		09/05/17 12:00	09/06/17 20:32	1
4-Bromophenyl phenyl ether	ND		0.17	0.0051	mg/Kg		09/05/17 12:00	09/06/17 20:32	1
Hexachlorobenzene	ND		0.067	0.033	mg/Kg		09/05/17 12:00	09/06/17 20:32	1
Pentachlorophenol	ND		0.33	0.016	mg/Kg		09/05/17 12:00	09/06/17 20:32	1
<b>Phenanthrene</b>	<b>0.0054 J</b>		0.067	0.0046	mg/Kg		09/05/17 12:00	09/06/17 20:32	1
Anthracene	ND		0.067	0.0043	mg/Kg		09/05/17 12:00	09/06/17 20:32	1
Di-n-butyl phthalate	ND		0.17	0.033	mg/Kg		09/05/17 12:00	09/06/17 20:32	1
Fluoranthene	ND		0.067	0.0073	mg/Kg		09/05/17 12:00	09/06/17 20:32	1
Pyrene	ND		0.067	0.0038	mg/Kg		09/05/17 12:00	09/06/17 20:32	1
Butyl benzyl phthalate	ND		0.17	0.0054	mg/Kg		09/05/17 12:00	09/06/17 20:32	1
3,3'-Dichlorobenzidine	ND		0.17	0.010	mg/Kg		09/05/17 12:00	09/06/17 20:32	1
Benzo[a]anthracene	ND		0.33	0.018	mg/Kg		09/05/17 12:00	09/06/17 20:32	1
Bis(2-ethylhexyl) phthalate	ND		0.33	0.0066	mg/Kg		09/05/17 12:00	09/06/17 20:32	1
Chrysene	ND		0.067	0.033	mg/Kg		09/05/17 12:00	09/06/17 20:32	1
Di-n-octyl phthalate	ND		0.17	0.0048	mg/Kg		09/05/17 12:00	09/06/17 20:32	1
Benzo[b]fluoranthene	ND		0.067	0.0095	mg/Kg		09/05/17 12:00	09/06/17 20:32	1
Benzo[a]pyrene	ND		0.067	0.0066	mg/Kg		09/05/17 12:00	09/06/17 20:32	1
Benzo[k]fluoranthene	ND		0.067	0.014	mg/Kg		09/05/17 12:00	09/06/17 20:32	1
Indeno[1,2,3-cd]pyrene	ND		0.067	0.013	mg/Kg		09/05/17 12:00	09/06/17 20:32	1
Benzo[g,h,i]perylene	ND		0.067	0.020	mg/Kg		09/05/17 12:00	09/06/17 20:32	1
Benzoic acid	ND		0.33	0.034	mg/Kg		09/05/17 12:00	09/06/17 20:32	1
Azobenzene	ND		0.067	0.0058	mg/Kg		09/05/17 12:00	09/06/17 20:32	1
Dibenzo(a,h)anthracene	ND		0.067	0.015	mg/Kg		09/05/17 12:00	09/06/17 20:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	55		21 - 98			
2-Fluorobiphenyl	68		30 - 112			
Terphenyl-d14	84		59 - 134			
2-Fluorophenol	57		28 - 98			
Phenol-d5	64		23 - 101			
2,4,6-Tribromophenol	70		37 - 114			

TestAmerica Pleasanton

# Client Sample Results

Client: Haley & Aldrich, Inc.

Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	1.0		1.0		mg/Kg		09/06/17 14:54	09/07/17 13:03	1
Motor Oil Range Organics [C24-C36]	ND		50		mg/Kg		09/06/17 14:54	09/07/17 13:03	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
p-Terphenyl	79		40 - 130				09/06/17 14:54	09/07/17 13:03	1

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		50		ug/Kg		09/05/17 12:59	09/06/17 19:24	1
PCB-1221	ND		50		ug/Kg		09/05/17 12:59	09/06/17 19:24	1
PCB-1232	ND		50		ug/Kg		09/05/17 12:59	09/06/17 19:24	1
PCB-1242	ND		50		ug/Kg		09/05/17 12:59	09/06/17 19:24	1
PCB-1248	ND		50		ug/Kg		09/05/17 12:59	09/06/17 19:24	1
PCB-1254	ND		50		ug/Kg		09/05/17 12:59	09/06/17 19:24	1
PCB-1260	ND		50		ug/Kg		09/05/17 12:59	09/06/17 19:24	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
Tetrachloro-m-xylene	79		45 - 132				09/05/17 12:59	09/06/17 19:24	1
DCB Decachlorobiphenyl	91		42 - 146				09/05/17 12:59	09/06/17 19:24	1

## Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.3		mg/Kg		09/02/17 09:04	09/05/17 10:18	4
Arsenic	8.1		2.5		mg/Kg		09/02/17 09:04	09/05/17 10:18	4
Barium	870		1.3		mg/Kg		09/02/17 09:04	09/05/17 10:18	4
Beryllium	0.65		0.25		mg/Kg		09/02/17 09:04	09/05/17 10:18	4
Cadmium	ND		0.32		mg/Kg		09/02/17 09:04	09/05/17 10:18	4
Chromium	60		1.3		mg/Kg		09/02/17 09:04	09/05/17 10:18	4
Cobalt	18		0.51		mg/Kg		09/02/17 09:04	09/05/17 10:18	4
Copper	29		3.8		mg/Kg		09/02/17 09:04	09/05/17 10:18	4
Lead	5.5		3.2		mg/Kg		09/02/17 09:04	09/05/17 13:08	10
Molybdenum	4.7		1.3		mg/Kg		09/02/17 09:04	09/05/17 10:18	4
Nickel	61		1.3		mg/Kg		09/02/17 09:04	09/05/17 10:18	4
Selenium	ND		6.3		mg/Kg		09/02/17 09:04	09/05/17 13:08	10
Silver	ND		0.63		mg/Kg		09/02/17 09:04	09/05/17 10:18	4
Thallium	ND		3.2		mg/Kg		09/02/17 09:04	09/05/17 13:08	10
Vanadium	60		1.3		mg/Kg		09/02/17 09:04	09/05/17 10:18	4
Zinc	48		3.8		mg/Kg		09/02/17 09:04	09/05/17 10:18	4

## Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.037		0.016		mg/Kg		09/06/17 10:03	09/06/17 13:31	1

TestAmerica Pleasanton

# Client Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

**Client Sample ID: SB-08-SO-1.5**

Date Collected: 08/31/17 16:10

Date Received: 09/01/17 17:00

**Lab Sample ID: 720-81635-12**

Matrix: Solid

**Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		8.8	2.1	ug/Kg	09/01/17 22:55	09/06/17 22:49	1	
Acetone	ND		88	67	ug/Kg	09/01/17 22:55	09/06/17 22:49	1	
Benzene	ND		8.8	1.1	ug/Kg	09/01/17 22:55	09/06/17 22:49	1	
Dichlorobromomethane	ND		8.8	1.3	ug/Kg	09/01/17 22:55	09/06/17 22:49	1	
Bromobenzene	ND		8.8	1.4	ug/Kg	09/01/17 22:55	09/06/17 22:49	1	
Chlorobromomethane	ND		35	1.3	ug/Kg	09/01/17 22:55	09/06/17 22:49	1	
Bromoform	ND		8.8	3.5	ug/Kg	09/01/17 22:55	09/06/17 22:49	1	
Bromomethane	ND		18	1.4	ug/Kg	09/01/17 22:55	09/06/17 22:49	1	
2-Butanone (MEK)	ND		88	37	ug/Kg	09/01/17 22:55	09/06/17 22:49	1	
n-Butylbenzene	ND		8.8	1.8	ug/Kg	09/01/17 22:55	09/06/17 22:49	1	
sec-Butylbenzene	ND		8.8	1.3	ug/Kg	09/01/17 22:55	09/06/17 22:49	1	
tert-Butylbenzene	ND		8.8	1.3	ug/Kg	09/01/17 22:55	09/06/17 22:49	1	
Carbon disulfide	ND		8.8	3.5	ug/Kg	09/01/17 22:55	09/06/17 22:49	1	
Carbon tetrachloride	ND		8.8	1.1	ug/Kg	09/01/17 22:55	09/06/17 22:49	1	
Chlorobenzene	ND		8.8	1.2	ug/Kg	09/01/17 22:55	09/06/17 22:49	1	
Chloroethane	ND		18	0.99	ug/Kg	09/01/17 22:55	09/06/17 22:49	1	
Chloroform	ND		8.8	1.2	ug/Kg	09/01/17 22:55	09/06/17 22:49	1	
Chloromethane	ND		18	1.3	ug/Kg	09/01/17 22:55	09/06/17 22:49	1	
2-Chlorotoluene	ND		8.8	1.1	ug/Kg	09/01/17 22:55	09/06/17 22:49	1	
4-Chlorotoluene	ND		8.8	1.2	ug/Kg	09/01/17 22:55	09/06/17 22:49	1	
Chlorodibromomethane	ND		8.8	1.3	ug/Kg	09/01/17 22:55	09/06/17 22:49	1	
1,2-Dichlorobenzene	ND		8.8	1.2	ug/Kg	09/01/17 22:55	09/06/17 22:49	1	
1,3-Dichlorobenzene	ND		8.8	1.3	ug/Kg	09/01/17 22:55	09/06/17 22:49	1	
1,4-Dichlorobenzene	ND		8.8	1.3	ug/Kg	09/01/17 22:55	09/06/17 22:49	1	
1,3-Dichloropropane	ND		8.8	1.3	ug/Kg	09/01/17 22:55	09/06/17 22:49	1	
1,1-Dichloropropene	ND		8.8	1.2	ug/Kg	09/01/17 22:55	09/06/17 22:49	1	
1,2-Dibromo-3-Chloropropane	ND		18	3.0	ug/Kg	09/01/17 22:55	09/06/17 22:49	1	
Ethylene Dibromide	ND		8.8	2.5	ug/Kg	09/01/17 22:55	09/06/17 22:49	1	
Dibromomethane	ND		18	1.5	ug/Kg	09/01/17 22:55	09/06/17 22:49	1	
Dichlorodifluoromethane	ND		18	1.4	ug/Kg	09/01/17 22:55	09/06/17 22:49	1	
1,1-Dichloroethane	ND		8.8	1.2	ug/Kg	09/01/17 22:55	09/06/17 22:49	1	
1,2-Dichloroethane	ND		8.8	1.3	ug/Kg	09/01/17 22:55	09/06/17 22:49	1	
1,1-Dichloroethene	ND		8.8	1.1	ug/Kg	09/01/17 22:55	09/06/17 22:49	1	
cis-1,2-Dichloroethene	ND		8.8	1.2	ug/Kg	09/01/17 22:55	09/06/17 22:49	1	
trans-1,2-Dichloroethene	ND		8.8	1.3	ug/Kg	09/01/17 22:55	09/06/17 22:49	1	
1,2-Dichloropropane	ND		8.8	1.1	ug/Kg	09/01/17 22:55	09/06/17 22:49	1	
cis-1,3-Dichloropropene	ND		8.8	1.2	ug/Kg	09/01/17 22:55	09/06/17 22:49	1	
trans-1,3-Dichloropropene	ND		8.8	1.2	ug/Kg	09/01/17 22:55	09/06/17 22:49	1	
Ethylbenzene	ND		8.8	1.3	ug/Kg	09/01/17 22:55	09/06/17 22:49	1	
Hexachlorobutadiene	ND		8.8	1.6	ug/Kg	09/01/17 22:55	09/06/17 22:49	1	
2-Hexanone	ND		88	18	ug/Kg	09/01/17 22:55	09/06/17 22:49	1	
Isopropylbenzene	ND		8.8	1.2	ug/Kg	09/01/17 22:55	09/06/17 22:49	1	
4-Isopropyltoluene	ND		8.8	4.4	ug/Kg	09/01/17 22:55	09/06/17 22:49	1	
Methylene Chloride	ND		18	7.1	ug/Kg	09/01/17 22:55	09/06/17 22:49	1	
4-Methyl-2-pentanone (MIBK)	ND		88	18	ug/Kg	09/01/17 22:55	09/06/17 22:49	1	
Naphthalene	ND		18	2.6	ug/Kg	09/01/17 22:55	09/06/17 22:49	1	
N-Propylbenzene	ND		8.8	1.2	ug/Kg	09/01/17 22:55	09/06/17 22:49	1	
Styrene	ND		8.8	1.1	ug/Kg	09/01/17 22:55	09/06/17 22:49	1	
1,1,1,2-Tetrachloroethane	ND		8.8	1.3	ug/Kg	09/01/17 22:55	09/06/17 22:49	1	

TestAmerica Pleasanton

# Client Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

**Client Sample ID: SB-08-SO-1.5**

**Lab Sample ID: 720-81635-12**

Date Collected: 08/31/17 16:10

Matrix: Solid

Date Received: 09/01/17 17:00

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		8.8	1.3	ug/Kg		09/01/17 22:55	09/06/17 22:49	1
Tetrachloroethene	ND		8.8	1.2	ug/Kg		09/01/17 22:55	09/06/17 22:49	1
Toluene	ND		8.8	1.3	ug/Kg		09/01/17 22:55	09/06/17 22:49	1
1,2,3-Trichlorobenzene	ND		8.8	1.3	ug/Kg		09/01/17 22:55	09/06/17 22:49	1
1,2,4-Trichlorobenzene	ND		8.8	1.3	ug/Kg		09/01/17 22:55	09/06/17 22:49	1
1,1,1-Trichloroethane	ND		8.8	1.1	ug/Kg		09/01/17 22:55	09/06/17 22:49	1
1,1,2-Trichloroethane	ND		8.8	1.2	ug/Kg		09/01/17 22:55	09/06/17 22:49	1
Trichloroethene	ND		8.8	1.1	ug/Kg		09/01/17 22:55	09/06/17 22:49	1
Trichlorofluoromethane	ND		8.8	0.99	ug/Kg		09/01/17 22:55	09/06/17 22:49	1
1,2,3-Trichloropropane	ND		8.8	1.4	ug/Kg		09/01/17 22:55	09/06/17 22:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		8.8	3.7	ug/Kg		09/01/17 22:55	09/06/17 22:49	1
1,2,4-Trimethylbenzene	ND		8.8	2.9	ug/Kg		09/01/17 22:55	09/06/17 22:49	1
1,3,5-Trimethylbenzene	ND		8.8	1.1	ug/Kg		09/01/17 22:55	09/06/17 22:49	1
Vinyl acetate	ND		35	8.8	ug/Kg		09/01/17 22:55	09/06/17 22:49	1
Vinyl chloride	ND		8.8	1.3	ug/Kg		09/01/17 22:55	09/06/17 22:49	1
Xylenes, Total	ND		18	2.2	ug/Kg		09/01/17 22:55	09/06/17 22:49	1
2,2-Dichloropropane	ND		8.8	3.5	ug/Kg		09/01/17 22:55	09/06/17 22:49	1
Gasoline Range Organics (GRO) -C5-C12	ND		440	180	ug/Kg		09/01/17 22:55	09/06/17 22:49	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>		<b>Limits</b>			<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
4-Bromofluorobenzene	90			45 - 131			09/01/17 22:55	09/06/17 22:49	1
1,2-Dichloroethane-d4 (Surr)	120			60 - 140			09/01/17 22:55	09/06/17 22:49	1
Toluene-d8 (Surr)	101			58 - 140			09/01/17 22:55	09/06/17 22:49	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		0.13	0.011	mg/Kg		09/05/17 12:00	09/06/17 23:33	2
Bis(2-chloroethyl)ether	ND		0.13	0.014	mg/Kg		09/05/17 12:00	09/06/17 23:33	2
2-Chlorophenol	ND		0.13	0.0074	mg/Kg		09/05/17 12:00	09/06/17 23:33	2
1,3-Dichlorobenzene	ND		0.13	0.0080	mg/Kg		09/05/17 12:00	09/06/17 23:33	2
1,4-Dichlorobenzene	ND		0.13	0.018	mg/Kg		09/05/17 12:00	09/06/17 23:33	2
Benzyl alcohol	ND		0.34	0.010	mg/Kg		09/05/17 12:00	09/06/17 23:33	2
1,2-Dichlorobenzene	ND		0.13	0.0094	mg/Kg		09/05/17 12:00	09/06/17 23:33	2
2-Methylphenol	ND		0.13	0.010	mg/Kg		09/05/17 12:00	09/06/17 23:33	2
Methylphenol, 3 & 4	ND		0.13	0.019	mg/Kg		09/05/17 12:00	09/06/17 23:33	2
N-Nitrosodi-n-propylamine	ND		0.13	0.066	mg/Kg		09/05/17 12:00	09/06/17 23:33	2
Hexachloroethane	ND		0.13	0.066	mg/Kg		09/05/17 12:00	09/06/17 23:33	2
Nitrobenzene	ND		0.13	0.028	mg/Kg		09/05/17 12:00	09/06/17 23:33	2
Isophorone	ND		0.13	0.0094	mg/Kg		09/05/17 12:00	09/06/17 23:33	2
2-Nitrophenol	ND		0.13	0.066	mg/Kg		09/05/17 12:00	09/06/17 23:33	2
2,4-Dimethylphenol	ND		0.13	0.054	mg/Kg		09/05/17 12:00	09/06/17 23:33	2
Bis(2-chloroethoxy)methane	ND		0.34	0.011	mg/Kg		09/05/17 12:00	09/06/17 23:33	2
2,4-Dichlorophenol	ND		0.66	0.0090	mg/Kg		09/05/17 12:00	09/06/17 23:33	2
1,2,4-Trichlorobenzene	ND		0.13	0.014	mg/Kg		09/05/17 12:00	09/06/17 23:33	2
<b>Naphthalene</b>	<b>0.037 J</b>		0.13	0.0096	mg/Kg		09/05/17 12:00	09/06/17 23:33	2
4-Chloroaniline	ND		0.34	0.0088	mg/Kg		09/05/17 12:00	09/06/17 23:33	2
Hexachlorobutadiene	ND		0.13	0.010	mg/Kg		09/05/17 12:00	09/06/17 23:33	2
4-Chloro-3-methylphenol	ND		0.34	0.011	mg/Kg		09/05/17 12:00	09/06/17 23:33	2
2-Methylnaphthalene	ND		0.13	0.012	mg/Kg		09/05/17 12:00	09/06/17 23:33	2

TestAmerica Pleasanton

# Client Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

**Client Sample ID: SB-08-SO-1.5**  
**Date Collected: 08/31/17 16:10**  
**Date Received: 09/01/17 17:00**

**Lab Sample ID: 720-81635-12**  
**Matrix: Solid**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorocyclopentadiene	ND		0.34	0.054	mg/Kg		09/05/17 12:00	09/06/17 23:33	2
2,4,6-Trichlorophenol	ND		0.34	0.020	mg/Kg		09/05/17 12:00	09/06/17 23:33	2
2,4,5-Trichlorophenol	ND		0.13	0.0084	mg/Kg		09/05/17 12:00	09/06/17 23:33	2
2-Chloronaphthalene	ND		0.13	0.0096	mg/Kg		09/05/17 12:00	09/06/17 23:33	2
2-Nitroaniline	ND		0.66	0.068	mg/Kg		09/05/17 12:00	09/06/17 23:33	2
Dimethyl phthalate	ND		0.34	0.012	mg/Kg		09/05/17 12:00	09/06/17 23:33	2
<b>Acenaphthylene</b>	<b>0.098</b>	<b>J</b>	0.13	0.011	mg/Kg		09/05/17 12:00	09/06/17 23:33	2
3-Nitroaniline	ND		0.34	0.078	mg/Kg		09/05/17 12:00	09/06/17 23:33	2
Acenaphthene	ND		0.13	0.0076	mg/Kg		09/05/17 12:00	09/06/17 23:33	2
2,4-Dinitrophenol	ND		1.3	0.13	mg/Kg		09/05/17 12:00	09/06/17 23:33	2
4-Nitrophenol	ND		0.66	0.068	mg/Kg		09/05/17 12:00	09/06/17 23:33	2
Dibenzofuran	ND		0.13	0.011	mg/Kg		09/05/17 12:00	09/06/17 23:33	2
2,4-Dinitrotoluene	ND		0.13	0.066	mg/Kg		09/05/17 12:00	09/06/17 23:33	2
2,6-Dinitrotoluene	ND		0.13	0.068	mg/Kg		09/05/17 12:00	09/06/17 23:33	2
Diethyl phthalate	ND		0.34	0.0094	mg/Kg		09/05/17 12:00	09/06/17 23:33	2
4-Chlorophenyl phenyl ether	ND		0.34	0.012	mg/Kg		09/05/17 12:00	09/06/17 23:33	2
<b>Fluorene</b>	<b>0.018</b>	<b>J</b>	0.13	0.0080	mg/Kg		09/05/17 12:00	09/06/17 23:33	2
4-Nitroaniline	ND		0.66	0.066	mg/Kg		09/05/17 12:00	09/06/17 23:33	2
2-Methyl-4,6-dinitrophenol	ND		0.66	0.068	mg/Kg		09/05/17 12:00	09/06/17 23:33	2
N-Nitrosodiphenylamine	ND		0.13	0.0078	mg/Kg		09/05/17 12:00	09/06/17 23:33	2
4-Bromophenyl phenyl ether	ND		0.34	0.010	mg/Kg		09/05/17 12:00	09/06/17 23:33	2
Hexachlorobenzene	ND		0.13	0.066	mg/Kg		09/05/17 12:00	09/06/17 23:33	2
Pentachlorophenol	ND		0.66	0.032	mg/Kg		09/05/17 12:00	09/06/17 23:33	2
<b>Phenanthrene</b>	<b>0.49</b>		0.13	0.0092	mg/Kg		09/05/17 12:00	09/06/17 23:33	2
<b>Anthracene</b>	<b>0.037</b>	<b>J</b>	0.13	0.0086	mg/Kg		09/05/17 12:00	09/06/17 23:33	2
Di-n-butyl phthalate	ND		0.34	0.066	mg/Kg		09/05/17 12:00	09/06/17 23:33	2
<b>Fluoranthene</b>	<b>0.59</b>		0.13	0.015	mg/Kg		09/05/17 12:00	09/06/17 23:33	2
<b>Pyrene</b>	<b>0.70</b>		0.13	0.0076	mg/Kg		09/05/17 12:00	09/06/17 23:33	2
Butyl benzyl phthalate	ND		0.34	0.011	mg/Kg		09/05/17 12:00	09/06/17 23:33	2
3,3'-Dichlorobenzidine	ND		0.34	0.020	mg/Kg		09/05/17 12:00	09/06/17 23:33	2
<b>Benzo[a]anthracene</b>	<b>0.15</b>	<b>J</b>	0.66	0.036	mg/Kg		09/05/17 12:00	09/06/17 23:33	2
<b>Bis(2-ethylhexyl) phthalate</b>	<b>0.074</b>	<b>J</b>	0.66	0.013	mg/Kg		09/05/17 12:00	09/06/17 23:33	2
<b>Chrysene</b>	<b>0.22</b>		0.13	0.066	mg/Kg		09/05/17 12:00	09/06/17 23:33	2
Di-n-octyl phthalate	ND		0.34	0.0096	mg/Kg		09/05/17 12:00	09/06/17 23:33	2
<b>Benzo[b]fluoranthene</b>	<b>0.33</b>		0.13	0.019	mg/Kg		09/05/17 12:00	09/06/17 23:33	2
<b>Benzo[a]pyrene</b>	<b>0.24</b>		0.13	0.013	mg/Kg		09/05/17 12:00	09/06/17 23:33	2
<b>Benzo[k]fluoranthene</b>	<b>0.082</b>	<b>J</b>	0.13	0.028	mg/Kg		09/05/17 12:00	09/06/17 23:33	2
<b>Indeno[1,2,3-cd]pyrene</b>	<b>0.20</b>		0.13	0.026	mg/Kg		09/05/17 12:00	09/06/17 23:33	2
<b>Benzo[g,h,i]perylene</b>	<b>0.24</b>		0.13	0.040	mg/Kg		09/05/17 12:00	09/06/17 23:33	2
Benzoic acid	ND		0.66	0.068	mg/Kg		09/05/17 12:00	09/06/17 23:33	2
Azobenzene	ND		0.13	0.012	mg/Kg		09/05/17 12:00	09/06/17 23:33	2
<b>Dibenz(a,h)anthracene</b>	<b>0.072</b>	<b>J</b>	0.13	0.030	mg/Kg		09/05/17 12:00	09/06/17 23:33	2
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>		<b>Limits</b>			<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
Nitrobenzene-d5	57			21 - 98			09/05/17 12:00	09/06/17 23:33	2
2-Fluorobiphenyl	71			30 - 112			09/05/17 12:00	09/06/17 23:33	2
Terphenyl-d14	78			59 - 134			09/05/17 12:00	09/06/17 23:33	2
2-Fluorophenol	58			28 - 98			09/05/17 12:00	09/06/17 23:33	2
Phenol-d5	65			23 - 101			09/05/17 12:00	09/06/17 23:33	2
2,4,6-Tribromophenol	59			37 - 114			09/05/17 12:00	09/06/17 23:33	2

TestAmerica Pleasanton

# Client Sample Results

Client: Haley & Aldrich, Inc.

Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	31		1.0		mg/Kg	D	09/06/17 14:54	09/07/17 13:07	1
Motor Oil Range Organics [C24-C36]	84		50		mg/Kg	D	09/06/17 14:54	09/07/17 13:07	1
<b>Surrogate</b>									
p-Terphenyl	40		40 - 130				09/06/17 14:54	09/07/17 13:07	1

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		50		ug/Kg	D	09/05/17 12:59	09/06/17 19:41	1
PCB-1221	ND		50		ug/Kg	D	09/05/17 12:59	09/06/17 19:41	1
PCB-1232	ND		50		ug/Kg	D	09/05/17 12:59	09/06/17 19:41	1
PCB-1242	ND		50		ug/Kg	D	09/05/17 12:59	09/06/17 19:41	1
PCB-1248	ND		50		ug/Kg	D	09/05/17 12:59	09/06/17 19:41	1
PCB-1254	ND		50		ug/Kg	D	09/05/17 12:59	09/06/17 19:41	1
PCB-1260	ND		50		ug/Kg	D	09/05/17 12:59	09/06/17 19:41	1
<b>Surrogate</b>									
Tetrachloro-m-xylene	86		45 - 132				09/05/17 12:59	09/06/17 19:41	1
DCB Decachlorobiphenyl	82		42 - 146				09/05/17 12:59	09/06/17 19:41	1

## Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	1.7		1.1		mg/Kg	D	09/02/17 09:04	09/05/17 10:22	4
Arsenic	7.0		2.1		mg/Kg	D	09/02/17 09:04	09/05/17 10:22	4
Barium	380		1.1		mg/Kg	D	09/02/17 09:04	09/05/17 10:22	4
Beryllium	0.49		0.21		mg/Kg	D	09/02/17 09:04	09/05/17 10:22	4
Cadmium	0.72		0.26		mg/Kg	D	09/02/17 09:04	09/05/17 10:22	4
Chromium	57		1.1		mg/Kg	D	09/02/17 09:04	09/05/17 10:22	4
Cobalt	9.2		0.42		mg/Kg	D	09/02/17 09:04	09/05/17 10:22	4
Copper	66		3.2		mg/Kg	D	09/02/17 09:04	09/05/17 10:22	4
Lead	250		1.1		mg/Kg	D	09/02/17 09:04	09/05/17 10:22	4
Molybdenum	ND		1.1		mg/Kg	D	09/02/17 09:04	09/05/17 10:22	4
Nickel	68		1.1		mg/Kg	D	09/02/17 09:04	09/05/17 10:22	4
Selenium	ND		2.1		mg/Kg	D	09/02/17 09:04	09/05/17 10:22	4
Silver	ND		0.53		mg/Kg	D	09/02/17 09:04	09/05/17 10:22	4
Thallium	13		1.1		mg/Kg	D	09/02/17 09:04	09/05/17 10:22	4
Vanadium	48		1.1		mg/Kg	D	09/02/17 09:04	09/05/17 10:22	4
Zinc	250		3.2		mg/Kg	D	09/02/17 09:04	09/05/17 10:22	4

## Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.68		0.016		mg/Kg	D	09/06/17 10:03	09/06/17 13:33	1

TestAmerica Pleasanton

# Client Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

**Client Sample ID: SB-08-SO-5.0**

Date Collected: 08/31/17 16:15

Date Received: 09/01/17 17:00

**Lab Sample ID: 720-81635-13**

Matrix: Solid

**Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		5.6	1.3	ug/Kg	09/01/17 22:55	09/06/17 23:16		1
Acetone	ND		56	43	ug/Kg	09/01/17 22:55	09/06/17 23:16		1
Benzene	ND		5.6	0.73	ug/Kg	09/01/17 22:55	09/06/17 23:16		1
Dichlorobromomethane	ND		5.6	0.81	ug/Kg	09/01/17 22:55	09/06/17 23:16		1
Bromobenzene	ND		5.6	0.89	ug/Kg	09/01/17 22:55	09/06/17 23:16		1
Chlorobromomethane	ND		22	0.81	ug/Kg	09/01/17 22:55	09/06/17 23:16		1
Bromoform	ND		5.6	2.2	ug/Kg	09/01/17 22:55	09/06/17 23:16		1
Bromomethane	ND		11	0.89	ug/Kg	09/01/17 22:55	09/06/17 23:16		1
2-Butanone (MEK)	ND		56	24	ug/Kg	09/01/17 22:55	09/06/17 23:16		1
n-Butylbenzene	ND		5.6	1.1	ug/Kg	09/01/17 22:55	09/06/17 23:16		1
sec-Butylbenzene	ND		5.6	0.81	ug/Kg	09/01/17 22:55	09/06/17 23:16		1
tert-Butylbenzene	ND		5.6	0.82	ug/Kg	09/01/17 22:55	09/06/17 23:16		1
Carbon disulfide	ND		5.6	2.2	ug/Kg	09/01/17 22:55	09/06/17 23:16		1
Carbon tetrachloride	ND		5.6	0.70	ug/Kg	09/01/17 22:55	09/06/17 23:16		1
Chlorobenzene	ND		5.6	0.77	ug/Kg	09/01/17 22:55	09/06/17 23:16		1
Chloroethane	ND		11	0.63	ug/Kg	09/01/17 22:55	09/06/17 23:16		1
Chloroform	ND		5.6	0.74	ug/Kg	09/01/17 22:55	09/06/17 23:16		1
Chloromethane	ND		11	0.81	ug/Kg	09/01/17 22:55	09/06/17 23:16		1
2-Chlorotoluene	ND		5.6	0.73	ug/Kg	09/01/17 22:55	09/06/17 23:16		1
4-Chlorotoluene	ND		5.6	0.76	ug/Kg	09/01/17 22:55	09/06/17 23:16		1
Chlorodibromomethane	ND		5.6	0.80	ug/Kg	09/01/17 22:55	09/06/17 23:16		1
1,2-Dichlorobenzene	ND		5.6	0.76	ug/Kg	09/01/17 22:55	09/06/17 23:16		1
1,3-Dichlorobenzene	ND		5.6	0.81	ug/Kg	09/01/17 22:55	09/06/17 23:16		1
1,4-Dichlorobenzene	ND		5.6	0.80	ug/Kg	09/01/17 22:55	09/06/17 23:16		1
1,3-Dichloropropane	ND		5.6	0.82	ug/Kg	09/01/17 22:55	09/06/17 23:16		1
1,1-Dichloropropene	ND		5.6	0.77	ug/Kg	09/01/17 22:55	09/06/17 23:16		1
1,2-Dibromo-3-Chloropropane	ND		11	1.9	ug/Kg	09/01/17 22:55	09/06/17 23:16		1
Ethylene Dibromide	ND		5.6	1.6	ug/Kg	09/01/17 22:55	09/06/17 23:16		1
Dibromomethane	ND		11	0.97	ug/Kg	09/01/17 22:55	09/06/17 23:16		1
Dichlorodifluoromethane	ND		11	0.89	ug/Kg	09/01/17 22:55	09/06/17 23:16		1
1,1-Dichloroethane	ND		5.6	0.76	ug/Kg	09/01/17 22:55	09/06/17 23:16		1
1,2-Dichloroethane	ND		5.6	0.85	ug/Kg	09/01/17 22:55	09/06/17 23:16		1
1,1-Dichloroethene	ND		5.6	0.70	ug/Kg	09/01/17 22:55	09/06/17 23:16		1
cis-1,2-Dichloroethene	ND		5.6	0.76	ug/Kg	09/01/17 22:55	09/06/17 23:16		1
trans-1,2-Dichloroethene	ND		5.6	0.84	ug/Kg	09/01/17 22:55	09/06/17 23:16		1
1,2-Dichloropropane	ND		5.6	0.71	ug/Kg	09/01/17 22:55	09/06/17 23:16		1
cis-1,3-Dichloropropene	ND		5.6	0.77	ug/Kg	09/01/17 22:55	09/06/17 23:16		1
trans-1,3-Dichloropropene	ND		5.6	0.75	ug/Kg	09/01/17 22:55	09/06/17 23:16		1
Ethylbenzene	ND		5.6	0.84	ug/Kg	09/01/17 22:55	09/06/17 23:16		1
Hexachlorobutadiene	ND		5.6	1.0	ug/Kg	09/01/17 22:55	09/06/17 23:16		1
2-Hexanone	ND		56	11	ug/Kg	09/01/17 22:55	09/06/17 23:16		1
Isopropylbenzene	ND		5.6	0.76	ug/Kg	09/01/17 22:55	09/06/17 23:16		1
4-Isopropyltoluene	ND		5.6	2.8	ug/Kg	09/01/17 22:55	09/06/17 23:16		1
Methylene Chloride	ND		11	4.5	ug/Kg	09/01/17 22:55	09/06/17 23:16		1
4-Methyl-2-pentanone (MIBK)	ND		56	11	ug/Kg	09/01/17 22:55	09/06/17 23:16		1
Naphthalene	ND		11	1.7	ug/Kg	09/01/17 22:55	09/06/17 23:16		1
N-Propylbenzene	ND		5.6	0.74	ug/Kg	09/01/17 22:55	09/06/17 23:16		1
Styrene	ND		5.6	0.71	ug/Kg	09/01/17 22:55	09/06/17 23:16		1
1,1,1,2-Tetrachloroethane	ND		5.6	0.85	ug/Kg	09/01/17 22:55	09/06/17 23:16		1

TestAmerica Pleasanton

# Client Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

**Client Sample ID: SB-08-SO-5.0**

**Lab Sample ID: 720-81635-13**

Date Collected: 08/31/17 16:15

Matrix: Solid

Date Received: 09/01/17 17:00

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		5.6	0.84	ug/Kg		09/01/17 22:55	09/06/17 23:16	1
Tetrachloroethene	ND		5.6	0.75	ug/Kg		09/01/17 22:55	09/06/17 23:16	1
Toluene	ND		5.6	0.80	ug/Kg		09/01/17 22:55	09/06/17 23:16	1
1,2,3-Trichlorobenzene	ND		5.6	0.83	ug/Kg		09/01/17 22:55	09/06/17 23:16	1
1,2,4-Trichlorobenzene	ND		5.6	0.80	ug/Kg		09/01/17 22:55	09/06/17 23:16	1
1,1,1-Trichloroethane	ND		5.6	0.68	ug/Kg		09/01/17 22:55	09/06/17 23:16	1
1,1,2-Trichloroethane	ND		5.6	0.79	ug/Kg		09/01/17 22:55	09/06/17 23:16	1
Trichloroethene	ND		5.6	0.71	ug/Kg		09/01/17 22:55	09/06/17 23:16	1
Trichlorofluoromethane	ND		5.6	0.63	ug/Kg		09/01/17 22:55	09/06/17 23:16	1
1,2,3-Trichloropropane	ND		5.6	0.86	ug/Kg		09/01/17 22:55	09/06/17 23:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.6	2.3	ug/Kg		09/01/17 22:55	09/06/17 23:16	1
1,2,4-Trimethylbenzene	ND		5.6	1.8	ug/Kg		09/01/17 22:55	09/06/17 23:16	1
1,3,5-Trimethylbenzene	ND		5.6	0.73	ug/Kg		09/01/17 22:55	09/06/17 23:16	1
Vinyl acetate	ND		22	5.6	ug/Kg		09/01/17 22:55	09/06/17 23:16	1
Vinyl chloride	ND		5.6	0.82	ug/Kg		09/01/17 22:55	09/06/17 23:16	1
Xylenes, Total	ND		11	1.4	ug/Kg		09/01/17 22:55	09/06/17 23:16	1
2,2-Dichloropropane	ND		5.6	2.2	ug/Kg		09/01/17 22:55	09/06/17 23:16	1
Gasoline Range Organics (GRO) -C5-C12	ND		280	110	ug/Kg		09/01/17 22:55	09/06/17 23:16	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
4-Bromofluorobenzene	98		45 - 131				09/01/17 22:55	09/06/17 23:16	1
1,2-Dichloroethane-d4 (Surr)	115		60 - 140				09/01/17 22:55	09/06/17 23:16	1
Toluene-d8 (Surr)	103		58 - 140				09/01/17 22:55	09/06/17 23:16	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	0.0055	mg/Kg		09/05/17 12:00	09/06/17 20:55	1
Bis(2-chloroethyl)ether	ND		0.067	0.0070	mg/Kg		09/05/17 12:00	09/06/17 20:55	1
2-Chlorophenol	ND		0.067	0.0037	mg/Kg		09/05/17 12:00	09/06/17 20:55	1
1,3-Dichlorobenzene	ND		0.067	0.0040	mg/Kg		09/05/17 12:00	09/06/17 20:55	1
1,4-Dichlorobenzene	ND		0.067	0.0090	mg/Kg		09/05/17 12:00	09/06/17 20:55	1
Benzyl alcohol	ND		0.17	0.0052	mg/Kg		09/05/17 12:00	09/06/17 20:55	1
1,2-Dichlorobenzene	ND		0.067	0.0047	mg/Kg		09/05/17 12:00	09/06/17 20:55	1
2-Methylphenol	ND		0.067	0.0050	mg/Kg		09/05/17 12:00	09/06/17 20:55	1
Methylphenol, 3 & 4	ND		0.067	0.0095	mg/Kg		09/05/17 12:00	09/06/17 20:55	1
N-Nitrosodi-n-propylamine	ND		0.067	0.033	mg/Kg		09/05/17 12:00	09/06/17 20:55	1
Hexachloroethane	ND		0.067	0.033	mg/Kg		09/05/17 12:00	09/06/17 20:55	1
Nitrobenzene	ND		0.067	0.014	mg/Kg		09/05/17 12:00	09/06/17 20:55	1
Isophorone	ND		0.067	0.0047	mg/Kg		09/05/17 12:00	09/06/17 20:55	1
2-Nitrophenol	ND		0.067	0.033	mg/Kg		09/05/17 12:00	09/06/17 20:55	1
2,4-Dimethylphenol	ND		0.067	0.027	mg/Kg		09/05/17 12:00	09/06/17 20:55	1
Bis(2-chloroethoxy)methane	ND		0.17	0.0055	mg/Kg		09/05/17 12:00	09/06/17 20:55	1
2,4-Dichlorophenol	ND		0.33	0.0045	mg/Kg		09/05/17 12:00	09/06/17 20:55	1
1,2,4-Trichlorobenzene	ND		0.067	0.0070	mg/Kg		09/05/17 12:00	09/06/17 20:55	1
Naphthalene	ND		0.067	0.0048	mg/Kg		09/05/17 12:00	09/06/17 20:55	1
4-Chloroaniline	ND		0.17	0.0044	mg/Kg		09/05/17 12:00	09/06/17 20:55	1
Hexachlorobutadiene	ND		0.067	0.0052	mg/Kg		09/05/17 12:00	09/06/17 20:55	1
4-Chloro-3-methylphenol	ND		0.17	0.0054	mg/Kg		09/05/17 12:00	09/06/17 20:55	1
2-Methylnaphthalene	ND		0.067	0.0062	mg/Kg		09/05/17 12:00	09/06/17 20:55	1

TestAmerica Pleasanton

# Client Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

**Client Sample ID: SB-08-SO-5.0**

**Lab Sample ID: 720-81635-13**

Date Collected: 08/31/17 16:15

Matrix: Solid

Date Received: 09/01/17 17:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorocyclopentadiene	ND		0.17	0.027	mg/Kg		09/05/17 12:00	09/06/17 20:55	1
2,4,6-Trichlorophenol	ND		0.17	0.0098	mg/Kg		09/05/17 12:00	09/06/17 20:55	1
2,4,5-Trichlorophenol	ND		0.067	0.0042	mg/Kg		09/05/17 12:00	09/06/17 20:55	1
2-Chloronaphthalene	ND		0.067	0.0048	mg/Kg		09/05/17 12:00	09/06/17 20:55	1
2-Nitroaniline	ND		0.33	0.034	mg/Kg		09/05/17 12:00	09/06/17 20:55	1
Dimethyl phthalate	ND		0.17	0.0058	mg/Kg		09/05/17 12:00	09/06/17 20:55	1
Acenaphthylene	ND		0.067	0.0056	mg/Kg		09/05/17 12:00	09/06/17 20:55	1
3-Nitroaniline	ND		0.17	0.039	mg/Kg		09/05/17 12:00	09/06/17 20:55	1
Acenaphthene	ND		0.067	0.0038	mg/Kg		09/05/17 12:00	09/06/17 20:55	1
2,4-Dinitrophenol	ND		0.66	0.066	mg/Kg		09/05/17 12:00	09/06/17 20:55	1
4-Nitrophenol	ND		0.33	0.034	mg/Kg		09/05/17 12:00	09/06/17 20:55	1
Dibenzofuran	ND		0.067	0.0053	mg/Kg		09/05/17 12:00	09/06/17 20:55	1
2,4-Dinitrotoluene	ND		0.067	0.033	mg/Kg		09/05/17 12:00	09/06/17 20:55	1
2,6-Dinitrotoluene	ND		0.067	0.034	mg/Kg		09/05/17 12:00	09/06/17 20:55	1
Diethyl phthalate	ND		0.17	0.0047	mg/Kg		09/05/17 12:00	09/06/17 20:55	1
4-Chlorophenyl phenyl ether	ND		0.17	0.0059	mg/Kg		09/05/17 12:00	09/06/17 20:55	1
Fluorene	ND		0.067	0.0040	mg/Kg		09/05/17 12:00	09/06/17 20:55	1
4-Nitroaniline	ND		0.33	0.033	mg/Kg		09/05/17 12:00	09/06/17 20:55	1
2-Methyl-4,6-dinitrophenol	ND		0.33	0.034	mg/Kg		09/05/17 12:00	09/06/17 20:55	1
N-Nitrosodiphenylamine	ND		0.067	0.0039	mg/Kg		09/05/17 12:00	09/06/17 20:55	1
4-Bromophenyl phenyl ether	ND		0.17	0.0051	mg/Kg		09/05/17 12:00	09/06/17 20:55	1
Hexachlorobenzene	ND		0.067	0.033	mg/Kg		09/05/17 12:00	09/06/17 20:55	1
Pentachlorophenol	ND		0.33	0.016	mg/Kg		09/05/17 12:00	09/06/17 20:55	1
<b>Phenanthrene</b>	<b>0.0059 J</b>		0.067	0.0046	mg/Kg		09/05/17 12:00	09/06/17 20:55	1
Anthracene	ND		0.067	0.0043	mg/Kg		09/05/17 12:00	09/06/17 20:55	1
Di-n-butyl phthalate	ND		0.17	0.033	mg/Kg		09/05/17 12:00	09/06/17 20:55	1
Fluoranthene	ND		0.067	0.0073	mg/Kg		09/05/17 12:00	09/06/17 20:55	1
Pyrene	ND		0.067	0.0038	mg/Kg		09/05/17 12:00	09/06/17 20:55	1
Butyl benzyl phthalate	ND		0.17	0.0054	mg/Kg		09/05/17 12:00	09/06/17 20:55	1
3,3'-Dichlorobenzidine	ND		0.17	0.010	mg/Kg		09/05/17 12:00	09/06/17 20:55	1
Benzo[a]anthracene	ND		0.33	0.018	mg/Kg		09/05/17 12:00	09/06/17 20:55	1
<b>Bis(2-ethylhexyl) phthalate</b>	<b>0.044 J</b>		0.33	0.0066	mg/Kg		09/05/17 12:00	09/06/17 20:55	1
Chrysene	ND		0.067	0.033	mg/Kg		09/05/17 12:00	09/06/17 20:55	1
Di-n-octyl phthalate	ND		0.17	0.0048	mg/Kg		09/05/17 12:00	09/06/17 20:55	1
Benzo[b]fluoranthene	ND		0.067	0.0095	mg/Kg		09/05/17 12:00	09/06/17 20:55	1
Benzo[a]pyrene	ND		0.067	0.0066	mg/Kg		09/05/17 12:00	09/06/17 20:55	1
Benzo[k]fluoranthene	ND		0.067	0.014	mg/Kg		09/05/17 12:00	09/06/17 20:55	1
Indeno[1,2,3-cd]pyrene	ND		0.067	0.013	mg/Kg		09/05/17 12:00	09/06/17 20:55	1
Benzo[g,h,i]perylene	ND		0.067	0.020	mg/Kg		09/05/17 12:00	09/06/17 20:55	1
Benzoic acid	ND		0.33	0.034	mg/Kg		09/05/17 12:00	09/06/17 20:55	1
Azobenzene	ND		0.067	0.0058	mg/Kg		09/05/17 12:00	09/06/17 20:55	1
Dibenzo(a,h)anthracene	ND		0.067	0.015	mg/Kg		09/05/17 12:00	09/06/17 20:55	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>		<b>Limits</b>			<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
Nitrobenzene-d5	36			21 - 98			09/05/17 12:00	09/06/17 20:55	1
2-Fluorobiphenyl	47			30 - 112			09/05/17 12:00	09/06/17 20:55	1
Terphenyl-d14	69			59 - 134			09/05/17 12:00	09/06/17 20:55	1
2-Fluorophenol	36			28 - 98			09/05/17 12:00	09/06/17 20:55	1
Phenol-d5	43			23 - 101			09/05/17 12:00	09/06/17 20:55	1
2,4,6-Tribromophenol	53			37 - 114			09/05/17 12:00	09/06/17 20:55	1

TestAmerica Pleasanton

# Client Sample Results

Client: Haley & Aldrich, Inc.

Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

## 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		1.0		mg/Kg		09/06/17 14:54	09/07/17 13:28	1
Motor Oil Range Organics [C24-C36]	ND		50		mg/Kg		09/06/17 14:54	09/07/17 13:28	1
<b>Surrogate</b>									
p-Terphenyl	56		40 - 130				09/06/17 14:54	09/07/17 13:28	1

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		49		ug/Kg		09/05/17 12:59	09/06/17 19:57	1
PCB-1221	ND		49		ug/Kg		09/05/17 12:59	09/06/17 19:57	1
PCB-1232	ND		49		ug/Kg		09/05/17 12:59	09/06/17 19:57	1
PCB-1242	ND		49		ug/Kg		09/05/17 12:59	09/06/17 19:57	1
PCB-1248	ND		49		ug/Kg		09/05/17 12:59	09/06/17 19:57	1
PCB-1254	ND		49		ug/Kg		09/05/17 12:59	09/06/17 19:57	1
PCB-1260	ND		49		ug/Kg		09/05/17 12:59	09/06/17 19:57	1
<b>Surrogate</b>									
Tetrachloro-m-xylene	79		45 - 132				09/05/17 12:59	09/06/17 19:57	1
DCB Decachlorobiphenyl	84		42 - 146				09/05/17 12:59	09/06/17 19:57	1

## Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.6		mg/Kg		09/02/17 09:04	09/05/17 10:26	4
Arsenic	4.4		3.1		mg/Kg		09/02/17 09:04	09/05/17 10:26	4
Barium	240		1.6		mg/Kg		09/02/17 09:04	09/05/17 10:26	4
Beryllium	0.52		0.31		mg/Kg		09/02/17 09:04	09/05/17 10:26	4
Cadmium	ND		0.39		mg/Kg		09/02/17 09:04	09/05/17 10:26	4
Chromium	52		1.6		mg/Kg		09/02/17 09:04	09/05/17 10:26	4
Cobalt	7.2		0.63		mg/Kg		09/02/17 09:04	09/05/17 10:26	4
Copper	19		4.7		mg/Kg		09/02/17 09:04	09/05/17 10:26	4
Lead	6.3		1.6		mg/Kg		09/02/17 09:04	09/05/17 10:26	4
Molybdenum	ND		1.6		mg/Kg		09/02/17 09:04	09/05/17 10:26	4
Nickel	42		1.6		mg/Kg		09/02/17 09:04	09/05/17 10:26	4
Selenium	ND		3.1		mg/Kg		09/02/17 09:04	09/05/17 10:26	4
Silver	ND		0.79		mg/Kg		09/02/17 09:04	09/05/17 10:26	4
Thallium	11		1.6		mg/Kg		09/02/17 09:04	09/05/17 10:26	4
Vanadium	41		1.6		mg/Kg		09/02/17 09:04	09/05/17 10:26	4
Zinc	35		4.7		mg/Kg		09/02/17 09:04	09/05/17 10:26	4

## Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.072		0.015		mg/Kg		09/06/17 10:03	09/06/17 13:35	1

TestAmerica Pleasanton

# Client Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

**Client Sample ID: SB-09-SO-2.5**

Date Collected: 08/31/17 16:25

Date Received: 09/01/17 17:00

**Lab Sample ID: 720-81635-14**

Matrix: Solid

**Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		8.8	2.1	ug/Kg	09/01/17 22:55	09/06/17 23:44		1
Acetone	ND		88	67	ug/Kg	09/01/17 22:55	09/06/17 23:44		1
Benzene	ND		8.8	1.1	ug/Kg	09/01/17 22:55	09/06/17 23:44		1
Dichlorobromomethane	ND		8.8	1.3	ug/Kg	09/01/17 22:55	09/06/17 23:44		1
Bromobenzene	ND *		8.8	1.4	ug/Kg	09/01/17 22:55	09/06/17 23:44		1
Chlorobromomethane	ND		35	1.3	ug/Kg	09/01/17 22:55	09/06/17 23:44		1
Bromoform	ND		8.8	3.5	ug/Kg	09/01/17 22:55	09/06/17 23:44		1
Bromomethane	ND		18	1.4	ug/Kg	09/01/17 22:55	09/06/17 23:44		1
2-Butanone (MEK)	ND		88	37	ug/Kg	09/01/17 22:55	09/06/17 23:44		1
n-Butylbenzene	ND *		8.8	1.8	ug/Kg	09/01/17 22:55	09/06/17 23:44		1
sec-Butylbenzene	ND *		8.8	1.3	ug/Kg	09/01/17 22:55	09/06/17 23:44		1
tert-Butylbenzene	ND *		8.8	1.3	ug/Kg	09/01/17 22:55	09/06/17 23:44		1
Carbon disulfide	ND		8.8	3.5	ug/Kg	09/01/17 22:55	09/06/17 23:44		1
Carbon tetrachloride	ND		8.8	1.1	ug/Kg	09/01/17 22:55	09/06/17 23:44		1
Chlorobenzene	ND		8.8	1.2	ug/Kg	09/01/17 22:55	09/06/17 23:44		1
Chloroethane	ND		18	0.99	ug/Kg	09/01/17 22:55	09/06/17 23:44		1
Chloroform	ND		8.8	1.2	ug/Kg	09/01/17 22:55	09/06/17 23:44		1
Chloromethane	ND		18	1.3	ug/Kg	09/01/17 22:55	09/06/17 23:44		1
2-Chlorotoluene	ND *		8.8	1.1	ug/Kg	09/01/17 22:55	09/06/17 23:44		1
4-Chlorotoluene	ND *		8.8	1.2	ug/Kg	09/01/17 22:55	09/06/17 23:44		1
Chlorodibromomethane	ND		8.8	1.3	ug/Kg	09/01/17 22:55	09/06/17 23:44		1
1,2-Dichlorobenzene	ND *		8.8	1.2	ug/Kg	09/01/17 22:55	09/06/17 23:44		1
1,3-Dichlorobenzene	ND *		8.8	1.3	ug/Kg	09/01/17 22:55	09/06/17 23:44		1
1,4-Dichlorobenzene	ND *		8.8	1.3	ug/Kg	09/01/17 22:55	09/06/17 23:44		1
1,3-Dichloropropane	ND		8.8	1.3	ug/Kg	09/01/17 22:55	09/06/17 23:44		1
1,1-Dichloropropene	ND		8.8	1.2	ug/Kg	09/01/17 22:55	09/06/17 23:44		1
1,2-Dibromo-3-Chloropropane	ND *		18	3.0	ug/Kg	09/01/17 22:55	09/06/17 23:44		1
Ethylene Dibromide	ND		8.8	2.5	ug/Kg	09/01/17 22:55	09/06/17 23:44		1
Dibromomethane	ND		18	1.5	ug/Kg	09/01/17 22:55	09/06/17 23:44		1
Dichlorodifluoromethane	ND		18	1.4	ug/Kg	09/01/17 22:55	09/06/17 23:44		1
1,1-Dichloroethane	ND		8.8	1.2	ug/Kg	09/01/17 22:55	09/06/17 23:44		1
1,2-Dichloroethane	ND		8.8	1.3	ug/Kg	09/01/17 22:55	09/06/17 23:44		1
1,1-Dichloroethene	ND		8.8	1.1	ug/Kg	09/01/17 22:55	09/06/17 23:44		1
cis-1,2-Dichloroethene	ND		8.8	1.2	ug/Kg	09/01/17 22:55	09/06/17 23:44		1
trans-1,2-Dichloroethene	ND		8.8	1.3	ug/Kg	09/01/17 22:55	09/06/17 23:44		1
1,2-Dichloropropane	ND		8.8	1.1	ug/Kg	09/01/17 22:55	09/06/17 23:44		1
cis-1,3-Dichloropropene	ND		8.8	1.2	ug/Kg	09/01/17 22:55	09/06/17 23:44		1
trans-1,3-Dichloropropene	ND		8.8	1.2	ug/Kg	09/01/17 22:55	09/06/17 23:44		1
Ethylbenzene	ND		8.8	1.3	ug/Kg	09/01/17 22:55	09/06/17 23:44		1
Hexachlorobutadiene	ND *		8.8	1.6	ug/Kg	09/01/17 22:55	09/06/17 23:44		1
2-Hexanone	ND		88	18	ug/Kg	09/01/17 22:55	09/06/17 23:44		1
Isopropylbenzene	ND		8.8	1.2	ug/Kg	09/01/17 22:55	09/06/17 23:44		1
4-Isopropyltoluene	ND *		8.8	4.4	ug/Kg	09/01/17 22:55	09/06/17 23:44		1
Methylene Chloride	ND		18	7.0	ug/Kg	09/01/17 22:55	09/06/17 23:44		1
4-Methyl-2-pentanone (MIBK)	ND		88	18	ug/Kg	09/01/17 22:55	09/06/17 23:44		1
Naphthalene	ND *		18	2.6	ug/Kg	09/01/17 22:55	09/06/17 23:44		1
N-Propylbenzene	ND *		8.8	1.2	ug/Kg	09/01/17 22:55	09/06/17 23:44		1
Styrene	ND		8.8	1.1	ug/Kg	09/01/17 22:55	09/06/17 23:44		1
1,1,1,2-Tetrachloroethane	ND		8.8	1.3	ug/Kg	09/01/17 22:55	09/06/17 23:44		1

TestAmerica Pleasanton

# Client Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

**Client Sample ID: SB-09-SO-2.5**

**Lab Sample ID: 720-81635-14**

Date Collected: 08/31/17 16:25

Matrix: Solid

Date Received: 09/01/17 17:00

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND	*	8.8	1.3	ug/Kg		09/01/17 22:55	09/06/17 23:44	1
Tetrachloroethene	ND		8.8	1.2	ug/Kg		09/01/17 22:55	09/06/17 23:44	1
Toluene	ND		8.8	1.3	ug/Kg		09/01/17 22:55	09/06/17 23:44	1
1,2,3-Trichlorobenzene	ND	*	8.8	1.3	ug/Kg		09/01/17 22:55	09/06/17 23:44	1
1,2,4-Trichlorobenzene	ND	*	8.8	1.3	ug/Kg		09/01/17 22:55	09/06/17 23:44	1
1,1,1-Trichloroethane	ND		8.8	1.1	ug/Kg		09/01/17 22:55	09/06/17 23:44	1
1,1,2-Trichloroethane	ND		8.8	1.2	ug/Kg		09/01/17 22:55	09/06/17 23:44	1
Trichloroethene	ND		8.8	1.1	ug/Kg		09/01/17 22:55	09/06/17 23:44	1
Trichlorofluoromethane	ND		8.8	0.99	ug/Kg		09/01/17 22:55	09/06/17 23:44	1
1,2,3-Trichloropropane	ND	*	8.8	1.4	ug/Kg		09/01/17 22:55	09/06/17 23:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		8.8	3.7	ug/Kg		09/01/17 22:55	09/06/17 23:44	1
1,2,4-Trimethylbenzene	ND	*	8.8	2.9	ug/Kg		09/01/17 22:55	09/06/17 23:44	1
1,3,5-Trimethylbenzene	ND	*	8.8	1.1	ug/Kg		09/01/17 22:55	09/06/17 23:44	1
Vinyl acetate	ND		35	8.8	ug/Kg		09/01/17 22:55	09/06/17 23:44	1
Vinyl chloride	ND		8.8	1.3	ug/Kg		09/01/17 22:55	09/06/17 23:44	1
Xylenes, Total	ND		18	2.1	ug/Kg		09/01/17 22:55	09/06/17 23:44	1
2,2-Dichloropropane	ND		8.8	3.5	ug/Kg		09/01/17 22:55	09/06/17 23:44	1
Gasoline Range Organics (GRO) -C5-C12	ND		440	180	ug/Kg		09/01/17 22:55	09/06/17 23:44	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>		<b>Limits</b>			<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
4-Bromofluorobenzene	90			45 - 131			09/01/17 22:55	09/06/17 23:44	1
1,2-Dichloroethane-d4 (Surr)	127			60 - 140			09/01/17 22:55	09/06/17 23:44	1
Toluene-d8 (Surr)	100			58 - 140			09/01/17 22:55	09/06/17 23:44	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		0.13	0.011	mg/Kg		09/05/17 12:00	09/06/17 23:56	2
Bis(2-chloroethyl)ether	ND		0.13	0.014	mg/Kg		09/05/17 12:00	09/06/17 23:56	2
2-Chlorophenol	ND		0.13	0.0074	mg/Kg		09/05/17 12:00	09/06/17 23:56	2
1,3-Dichlorobenzene	ND		0.13	0.0080	mg/Kg		09/05/17 12:00	09/06/17 23:56	2
1,4-Dichlorobenzene	ND		0.13	0.018	mg/Kg		09/05/17 12:00	09/06/17 23:56	2
Benzyl alcohol	ND		0.34	0.010	mg/Kg		09/05/17 12:00	09/06/17 23:56	2
1,2-Dichlorobenzene	ND		0.13	0.0094	mg/Kg		09/05/17 12:00	09/06/17 23:56	2
2-Methylphenol	ND		0.13	0.010	mg/Kg		09/05/17 12:00	09/06/17 23:56	2
Methylphenol, 3 & 4	ND		0.13	0.019	mg/Kg		09/05/17 12:00	09/06/17 23:56	2
N-Nitrosodi-n-propylamine	ND		0.13	0.066	mg/Kg		09/05/17 12:00	09/06/17 23:56	2
Hexachloroethane	ND		0.13	0.066	mg/Kg		09/05/17 12:00	09/06/17 23:56	2
Nitrobenzene	ND		0.13	0.028	mg/Kg		09/05/17 12:00	09/06/17 23:56	2
Isophorone	ND		0.13	0.0094	mg/Kg		09/05/17 12:00	09/06/17 23:56	2
2-Nitrophenol	ND		0.13	0.066	mg/Kg		09/05/17 12:00	09/06/17 23:56	2
2,4-Dimethylphenol	ND		0.13	0.054	mg/Kg		09/05/17 12:00	09/06/17 23:56	2
Bis(2-chloroethoxy)methane	ND		0.34	0.011	mg/Kg		09/05/17 12:00	09/06/17 23:56	2
2,4-Dichlorophenol	ND		0.66	0.0090	mg/Kg		09/05/17 12:00	09/06/17 23:56	2
1,2,4-Trichlorobenzene	ND		0.13	0.014	mg/Kg		09/05/17 12:00	09/06/17 23:56	2
<b>Naphthalene</b>	<b>0.019</b>	<b>J</b>	0.13	0.0096	mg/Kg		09/05/17 12:00	09/06/17 23:56	2
4-Chloroaniline	ND		0.34	0.0088	mg/Kg		09/05/17 12:00	09/06/17 23:56	2
Hexachlorobutadiene	ND		0.13	0.010	mg/Kg		09/05/17 12:00	09/06/17 23:56	2
4-Chloro-3-methylphenol	ND		0.34	0.011	mg/Kg		09/05/17 12:00	09/06/17 23:56	2
2-Methylnaphthalene	ND		0.13	0.012	mg/Kg		09/05/17 12:00	09/06/17 23:56	2

TestAmerica Pleasanton

# Client Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

**Client Sample ID: SB-09-SO-2.5**

**Lab Sample ID: 720-81635-14**

Date Collected: 08/31/17 16:25

Matrix: Solid

Date Received: 09/01/17 17:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorocyclopentadiene	ND		0.34	0.054	mg/Kg		09/05/17 12:00	09/06/17 23:56	2
2,4,6-Trichlorophenol	ND		0.34	0.020	mg/Kg		09/05/17 12:00	09/06/17 23:56	2
2,4,5-Trichlorophenol	ND		0.13	0.0084	mg/Kg		09/05/17 12:00	09/06/17 23:56	2
2-Chloronaphthalene	ND		0.13	0.0096	mg/Kg		09/05/17 12:00	09/06/17 23:56	2
2-Nitroaniline	ND		0.66	0.068	mg/Kg		09/05/17 12:00	09/06/17 23:56	2
Dimethyl phthalate	ND		0.34	0.012	mg/Kg		09/05/17 12:00	09/06/17 23:56	2
Acenaphthylene	ND		0.13	0.011	mg/Kg		09/05/17 12:00	09/06/17 23:56	2
3-Nitroaniline	ND		0.34	0.078	mg/Kg		09/05/17 12:00	09/06/17 23:56	2
Acenaphthene	ND		0.13	0.0076	mg/Kg		09/05/17 12:00	09/06/17 23:56	2
2,4-Dinitrophenol	ND		1.3	0.13	mg/Kg		09/05/17 12:00	09/06/17 23:56	2
4-Nitrophenol	ND		0.66	0.068	mg/Kg		09/05/17 12:00	09/06/17 23:56	2
Dibenzofuran	ND		0.13	0.011	mg/Kg		09/05/17 12:00	09/06/17 23:56	2
2,4-Dinitrotoluene	ND		0.13	0.066	mg/Kg		09/05/17 12:00	09/06/17 23:56	2
2,6-Dinitrotoluene	ND		0.13	0.068	mg/Kg		09/05/17 12:00	09/06/17 23:56	2
Diethyl phthalate	ND		0.34	0.0094	mg/Kg		09/05/17 12:00	09/06/17 23:56	2
4-Chlorophenyl phenyl ether	ND		0.34	0.012	mg/Kg		09/05/17 12:00	09/06/17 23:56	2
<b>Fluorene</b>	<b>0.0084 J</b>		0.13	0.0080	mg/Kg		09/05/17 12:00	09/06/17 23:56	2
4-Nitroaniline	ND		0.66	0.066	mg/Kg		09/05/17 12:00	09/06/17 23:56	2
2-Methyl-4,6-dinitrophenol	ND		0.66	0.068	mg/Kg		09/05/17 12:00	09/06/17 23:56	2
N-Nitrosodiphenylamine	ND		0.13	0.0078	mg/Kg		09/05/17 12:00	09/06/17 23:56	2
4-Bromophenyl phenyl ether	ND		0.34	0.010	mg/Kg		09/05/17 12:00	09/06/17 23:56	2
Hexachlorobenzene	ND		0.13	0.066	mg/Kg		09/05/17 12:00	09/06/17 23:56	2
Pentachlorophenol	ND		0.66	0.032	mg/Kg		09/05/17 12:00	09/06/17 23:56	2
<b>Phenanthrene</b>	<b>0.048 J</b>		0.13	0.0092	mg/Kg		09/05/17 12:00	09/06/17 23:56	2
Anthracene	ND		0.13	0.0086	mg/Kg		09/05/17 12:00	09/06/17 23:56	2
Di-n-butyl phthalate	ND		0.34	0.066	mg/Kg		09/05/17 12:00	09/06/17 23:56	2
<b>Fluoranthene</b>	<b>0.093 J</b>		0.13	0.015	mg/Kg		09/05/17 12:00	09/06/17 23:56	2
<b>Pyrene</b>	<b>0.089 J</b>		0.13	0.0076	mg/Kg		09/05/17 12:00	09/06/17 23:56	2
Butyl benzyl phthalate	ND		0.34	0.011	mg/Kg		09/05/17 12:00	09/06/17 23:56	2
3,3'-Dichlorobenzidine	ND		0.34	0.020	mg/Kg		09/05/17 12:00	09/06/17 23:56	2
<b>Benzo[a]anthracene</b>	<b>0.044 J</b>		0.66	0.036	mg/Kg		09/05/17 12:00	09/06/17 23:56	2
Bis(2-ethylhexyl) phthalate	ND		0.66	0.013	mg/Kg		09/05/17 12:00	09/06/17 23:56	2
Chrysene	ND		0.13	0.066	mg/Kg		09/05/17 12:00	09/06/17 23:56	2
Di-n-octyl phthalate	ND		0.34	0.0096	mg/Kg		09/05/17 12:00	09/06/17 23:56	2
<b>Benzo[b]fluoranthene</b>	<b>0.10 J</b>		0.13	0.019	mg/Kg		09/05/17 12:00	09/06/17 23:56	2
<b>Benzo[a]pyrene</b>	<b>0.078 J</b>		0.13	0.013	mg/Kg		09/05/17 12:00	09/06/17 23:56	2
<b>Benzo[k]fluoranthene</b>	<b>0.030 J</b>		0.13	0.028	mg/Kg		09/05/17 12:00	09/06/17 23:56	2
<b>Indeno[1,2,3-cd]pyrene</b>	<b>0.085 J</b>		0.13	0.026	mg/Kg		09/05/17 12:00	09/06/17 23:56	2
<b>Benzo[g,h,i]perylene</b>	<b>0.070 J</b>		0.13	0.040	mg/Kg		09/05/17 12:00	09/06/17 23:56	2
Benzoic acid	ND		0.66	0.068	mg/Kg		09/05/17 12:00	09/06/17 23:56	2
Azobenzene	ND		0.13	0.012	mg/Kg		09/05/17 12:00	09/06/17 23:56	2
<b>Dibenz(a,h)anthracene</b>	<b>0.051 J</b>		0.13	0.030	mg/Kg		09/05/17 12:00	09/06/17 23:56	2
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>		<b>Limits</b>			<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
Nitrobenzene-d5	47			21 - 98			09/05/17 12:00	09/06/17 23:56	2
2-Fluorobiphenyl	60			30 - 112			09/05/17 12:00	09/06/17 23:56	2
Terphenyl-d14	66			59 - 134			09/05/17 12:00	09/06/17 23:56	2
2-Fluorophenol	51			28 - 98			09/05/17 12:00	09/06/17 23:56	2
Phenol-d5	56			23 - 101			09/05/17 12:00	09/06/17 23:56	2
2,4,6-Tribromophenol	57			37 - 114			09/05/17 12:00	09/06/17 23:56	2

TestAmerica Pleasanton

# Client Sample Results

Client: Haley & Aldrich, Inc.

Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	20		1.0		mg/Kg	D	09/06/17 14:54	09/07/17 13:37	1
Motor Oil Range Organics [C24-C36]	65		50		mg/Kg	D	09/06/17 14:54	09/07/17 13:37	1
<b>Surrogate</b>									
p-Terphenyl	52		40 - 130				09/06/17 14:54	09/07/17 13:37	1

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		49		ug/Kg	D	09/05/17 12:59	09/06/17 20:14	1
PCB-1221	ND		49		ug/Kg	D	09/05/17 12:59	09/06/17 20:14	1
PCB-1232	ND		49		ug/Kg	D	09/05/17 12:59	09/06/17 20:14	1
PCB-1242	ND		49		ug/Kg	D	09/05/17 12:59	09/06/17 20:14	1
PCB-1248	ND		49		ug/Kg	D	09/05/17 12:59	09/06/17 20:14	1
PCB-1254	ND		49		ug/Kg	D	09/05/17 12:59	09/06/17 20:14	1
PCB-1260	ND		49		ug/Kg	D	09/05/17 12:59	09/06/17 20:14	1
<b>Surrogate</b>									
Tetrachloro-m-xylene	77		45 - 132				09/05/17 12:59	09/06/17 20:14	1
DCB Decachlorobiphenyl	78		42 - 146				09/05/17 12:59	09/06/17 20:14	1

## Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.4		mg/Kg	D	09/02/17 09:04	09/05/17 10:30	4
Arsenic	6.3		2.9		mg/Kg	D	09/02/17 09:04	09/05/17 10:30	4
Barium	430		1.4		mg/Kg	D	09/02/17 09:04	09/05/17 10:30	4
Beryllium	0.61		0.29		mg/Kg	D	09/02/17 09:04	09/05/17 10:30	4
Cadmium	0.67		0.36		mg/Kg	D	09/02/17 09:04	09/05/17 10:30	4
Chromium	66		1.4		mg/Kg	D	09/02/17 09:04	09/05/17 10:30	4
Cobalt	11		0.58		mg/Kg	D	09/02/17 09:04	09/05/17 10:30	4
Copper	35		4.3		mg/Kg	D	09/02/17 09:04	09/05/17 10:30	4
Lead	480		1.4		mg/Kg	D	09/02/17 09:04	09/05/17 10:30	4
Molybdenum	ND		1.4		mg/Kg	D	09/02/17 09:04	09/05/17 10:30	4
Nickel	84		1.4		mg/Kg	D	09/02/17 09:04	09/05/17 10:30	4
Selenium	ND		2.9		mg/Kg	D	09/02/17 09:04	09/05/17 10:30	4
Silver	ND		0.72		mg/Kg	D	09/02/17 09:04	09/05/17 10:30	4
Thallium	12		1.4		mg/Kg	D	09/02/17 09:04	09/05/17 10:30	4
Vanadium	48		1.4		mg/Kg	D	09/02/17 09:04	09/05/17 10:30	4
Zinc	240		4.3		mg/Kg	D	09/02/17 09:04	09/05/17 10:30	4

## Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	2.2		0.15		mg/Kg	D	09/06/17 10:03	09/06/17 14:21	10

TestAmerica Pleasanton

# Client Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

**Client Sample ID: SB-09-SO-5.0**

Date Collected: 08/31/17 16:30

Date Received: 09/01/17 17:00

**Lab Sample ID: 720-81635-15**

Matrix: Solid

**Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		4.1	0.99	ug/Kg	09/01/17 22:55	09/06/17 13:41	1	
Acetone	ND		41	31	ug/Kg	09/01/17 22:55	09/06/17 13:41	1	
Benzene	ND		4.1	0.54	ug/Kg	09/01/17 22:55	09/06/17 13:41	1	
Dichlorobromomethane	ND		4.1	0.59	ug/Kg	09/01/17 22:55	09/06/17 13:41	1	
Bromobenzene	ND		4.1	0.65	ug/Kg	09/01/17 22:55	09/06/17 13:41	1	
Chlorobromomethane	ND		16	0.59	ug/Kg	09/01/17 22:55	09/06/17 13:41	1	
Bromoform	ND		4.1	1.6	ug/Kg	09/01/17 22:55	09/06/17 13:41	1	
Bromomethane	ND		8.2	0.65	ug/Kg	09/01/17 22:55	09/06/17 13:41	1	
2-Butanone (MEK)	ND		41	17	ug/Kg	09/01/17 22:55	09/06/17 13:41	1	
n-Butylbenzene	ND		4.1	0.82	ug/Kg	09/01/17 22:55	09/06/17 13:41	1	
sec-Butylbenzene	ND		4.1	0.59	ug/Kg	09/01/17 22:55	09/06/17 13:41	1	
tert-Butylbenzene	ND		4.1	0.60	ug/Kg	09/01/17 22:55	09/06/17 13:41	1	
Carbon disulfide	ND		4.1	1.6	ug/Kg	09/01/17 22:55	09/06/17 13:41	1	
Carbon tetrachloride	ND		4.1	0.51	ug/Kg	09/01/17 22:55	09/06/17 13:41	1	
Chlorobenzene	ND		4.1	0.57	ug/Kg	09/01/17 22:55	09/06/17 13:41	1	
Chloroethane	ND		8.2	0.46	ug/Kg	09/01/17 22:55	09/06/17 13:41	1	
Chloroform	ND		4.1	0.54	ug/Kg	09/01/17 22:55	09/06/17 13:41	1	
Chloromethane	ND		8.2	0.59	ug/Kg	09/01/17 22:55	09/06/17 13:41	1	
2-Chlorotoluene	ND		4.1	0.54	ug/Kg	09/01/17 22:55	09/06/17 13:41	1	
4-Chlorotoluene	ND		4.1	0.56	ug/Kg	09/01/17 22:55	09/06/17 13:41	1	
Chlorodibromomethane	ND		4.1	0.59	ug/Kg	09/01/17 22:55	09/06/17 13:41	1	
1,2-Dichlorobenzene	ND		4.1	0.56	ug/Kg	09/01/17 22:55	09/06/17 13:41	1	
1,3-Dichlorobenzene	ND		4.1	0.59	ug/Kg	09/01/17 22:55	09/06/17 13:41	1	
1,4-Dichlorobenzene	ND		4.1	0.59	ug/Kg	09/01/17 22:55	09/06/17 13:41	1	
1,3-Dichloropropane	ND		4.1	0.60	ug/Kg	09/01/17 22:55	09/06/17 13:41	1	
1,1-Dichloropropene	ND		4.1	0.57	ug/Kg	09/01/17 22:55	09/06/17 13:41	1	
1,2-Dibromo-3-Chloropropane	ND		8.2	1.4	ug/Kg	09/01/17 22:55	09/06/17 13:41	1	
Ethylene Dibromide	ND		4.1	1.2	ug/Kg	09/01/17 22:55	09/06/17 13:41	1	
Dibromomethane	ND		8.2	0.71	ug/Kg	09/01/17 22:55	09/06/17 13:41	1	
Dichlorodifluoromethane	ND		8.2	0.65	ug/Kg	09/01/17 22:55	09/06/17 13:41	1	
1,1-Dichloroethane	ND		4.1	0.56	ug/Kg	09/01/17 22:55	09/06/17 13:41	1	
1,2-Dichloroethane	ND		4.1	0.63	ug/Kg	09/01/17 22:55	09/06/17 13:41	1	
1,1-Dichloroethene	ND		4.1	0.51	ug/Kg	09/01/17 22:55	09/06/17 13:41	1	
cis-1,2-Dichloroethene	ND		4.1	0.56	ug/Kg	09/01/17 22:55	09/06/17 13:41	1	
trans-1,2-Dichloroethene	ND		4.1	0.62	ug/Kg	09/01/17 22:55	09/06/17 13:41	1	
1,2-Dichloropropane	ND		4.1	0.52	ug/Kg	09/01/17 22:55	09/06/17 13:41	1	
cis-1,3-Dichloropropene	ND		4.1	0.57	ug/Kg	09/01/17 22:55	09/06/17 13:41	1	
trans-1,3-Dichloropropene	ND		4.1	0.55	ug/Kg	09/01/17 22:55	09/06/17 13:41	1	
Ethylbenzene	ND		4.1	0.62	ug/Kg	09/01/17 22:55	09/06/17 13:41	1	
Hexachlorobutadiene	ND		4.1	0.74	ug/Kg	09/01/17 22:55	09/06/17 13:41	1	
2-Hexanone	ND		41	8.2	ug/Kg	09/01/17 22:55	09/06/17 13:41	1	
Isopropylbenzene	ND		4.1	0.56	ug/Kg	09/01/17 22:55	09/06/17 13:41	1	
4-Isopropyltoluene	ND		4.1	2.1	ug/Kg	09/01/17 22:55	09/06/17 13:41	1	
Methylene Chloride	ND		8.2	3.3	ug/Kg	09/01/17 22:55	09/06/17 13:41	1	
4-Methyl-2-pentanone (MIBK)	ND		41	8.2	ug/Kg	09/01/17 22:55	09/06/17 13:41	1	
Naphthalene	ND		8.2	1.2	ug/Kg	09/01/17 22:55	09/06/17 13:41	1	
N-Propylbenzene	ND		4.1	0.54	ug/Kg	09/01/17 22:55	09/06/17 13:41	1	
Styrene	ND		4.1	0.52	ug/Kg	09/01/17 22:55	09/06/17 13:41	1	
1,1,1,2-Tetrachloroethane	ND		4.1	0.63	ug/Kg	09/01/17 22:55	09/06/17 13:41	1	

TestAmerica Pleasanton

# Client Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

**Client Sample ID: SB-09-SO-5.0**

**Lab Sample ID: 720-81635-15**

Date Collected: 08/31/17 16:30

Matrix: Solid

Date Received: 09/01/17 17:00

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		4.1	0.62	ug/Kg		09/01/17 22:55	09/06/17 13:41	1
Tetrachloroethene	ND		4.1	0.55	ug/Kg		09/01/17 22:55	09/06/17 13:41	1
Toluene	ND		4.1	0.59	ug/Kg		09/01/17 22:55	09/06/17 13:41	1
1,2,3-Trichlorobenzene	ND		4.1	0.61	ug/Kg		09/01/17 22:55	09/06/17 13:41	1
1,2,4-Trichlorobenzene	ND		4.1	0.59	ug/Kg		09/01/17 22:55	09/06/17 13:41	1
1,1,1-Trichloroethane	ND		4.1	0.50	ug/Kg		09/01/17 22:55	09/06/17 13:41	1
1,1,2-Trichloroethane	ND		4.1	0.58	ug/Kg		09/01/17 22:55	09/06/17 13:41	1
Trichloroethene	ND		4.1	0.52	ug/Kg		09/01/17 22:55	09/06/17 13:41	1
Trichlorofluoromethane	ND		4.1	0.46	ug/Kg		09/01/17 22:55	09/06/17 13:41	1
1,2,3-Trichloropropane	ND		4.1	0.64	ug/Kg		09/01/17 22:55	09/06/17 13:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.1	1.7	ug/Kg		09/01/17 22:55	09/06/17 13:41	1
1,2,4-Trimethylbenzene	ND		4.1	1.4	ug/Kg		09/01/17 22:55	09/06/17 13:41	1
1,3,5-Trimethylbenzene	ND		4.1	0.54	ug/Kg		09/01/17 22:55	09/06/17 13:41	1
Vinyl acetate	ND		16	4.1	ug/Kg		09/01/17 22:55	09/06/17 13:41	1
Vinyl chloride	ND		4.1	0.60	ug/Kg		09/01/17 22:55	09/06/17 13:41	1
Xylenes, Total	ND		8.2	1.0	ug/Kg		09/01/17 22:55	09/06/17 13:41	1
2,2-Dichloropropane	ND		4.1	1.6	ug/Kg		09/01/17 22:55	09/06/17 13:41	1
Gasoline Range Organics (GRO) -C5-C12	ND		210	82	ug/Kg		09/01/17 22:55	09/06/17 13:41	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>		<b>Limits</b>			<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
4-Bromofluorobenzene	102			45 - 131			09/01/17 22:55	09/06/17 13:41	1
1,2-Dichloroethane-d4 (Surr)	111			60 - 140			09/01/17 22:55	09/06/17 13:41	1
Toluene-d8 (Surr)	105			58 - 140			09/01/17 22:55	09/06/17 13:41	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	0.0055	mg/Kg		09/05/17 12:00	09/06/17 21:17	1
Bis(2-chloroethyl)ether	ND		0.067	0.0070	mg/Kg		09/05/17 12:00	09/06/17 21:17	1
2-Chlorophenol	ND		0.067	0.0037	mg/Kg		09/05/17 12:00	09/06/17 21:17	1
1,3-Dichlorobenzene	ND		0.067	0.0040	mg/Kg		09/05/17 12:00	09/06/17 21:17	1
1,4-Dichlorobenzene	ND		0.067	0.0090	mg/Kg		09/05/17 12:00	09/06/17 21:17	1
Benzyl alcohol	ND		0.17	0.0052	mg/Kg		09/05/17 12:00	09/06/17 21:17	1
1,2-Dichlorobenzene	ND		0.067	0.0047	mg/Kg		09/05/17 12:00	09/06/17 21:17	1
2-Methylphenol	ND		0.067	0.0050	mg/Kg		09/05/17 12:00	09/06/17 21:17	1
Methylphenol, 3 & 4	ND		0.067	0.0095	mg/Kg		09/05/17 12:00	09/06/17 21:17	1
N-Nitrosodi-n-propylamine	ND		0.067	0.033	mg/Kg		09/05/17 12:00	09/06/17 21:17	1
Hexachloroethane	ND		0.067	0.033	mg/Kg		09/05/17 12:00	09/06/17 21:17	1
Nitrobenzene	ND		0.067	0.014	mg/Kg		09/05/17 12:00	09/06/17 21:17	1
Isophorone	ND		0.067	0.0047	mg/Kg		09/05/17 12:00	09/06/17 21:17	1
2-Nitrophenol	ND		0.067	0.033	mg/Kg		09/05/17 12:00	09/06/17 21:17	1
2,4-Dimethylphenol	ND		0.067	0.027	mg/Kg		09/05/17 12:00	09/06/17 21:17	1
Bis(2-chloroethoxy)methane	ND		0.17	0.0055	mg/Kg		09/05/17 12:00	09/06/17 21:17	1
2,4-Dichlorophenol	ND		0.33	0.0045	mg/Kg		09/05/17 12:00	09/06/17 21:17	1
1,2,4-Trichlorobenzene	ND		0.067	0.0070	mg/Kg		09/05/17 12:00	09/06/17 21:17	1
Naphthalene	ND		0.067	0.0048	mg/Kg		09/05/17 12:00	09/06/17 21:17	1
4-Chloroaniline	ND		0.17	0.0044	mg/Kg		09/05/17 12:00	09/06/17 21:17	1
Hexachlorobutadiene	ND		0.067	0.0052	mg/Kg		09/05/17 12:00	09/06/17 21:17	1
4-Chloro-3-methylphenol	ND		0.17	0.0054	mg/Kg		09/05/17 12:00	09/06/17 21:17	1
2-Methylnaphthalene	ND		0.067	0.0062	mg/Kg		09/05/17 12:00	09/06/17 21:17	1

TestAmerica Pleasanton

# Client Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

**Client Sample ID: SB-09-SO-5.0**  
**Date Collected: 08/31/17 16:30**  
**Date Received: 09/01/17 17:00**

**Lab Sample ID: 720-81635-15**  
**Matrix: Solid**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorocyclopentadiene	ND		0.17	0.027	mg/Kg		09/05/17 12:00	09/06/17 21:17	1
2,4,6-Trichlorophenol	ND		0.17	0.0098	mg/Kg		09/05/17 12:00	09/06/17 21:17	1
2,4,5-Trichlorophenol	ND		0.067	0.0042	mg/Kg		09/05/17 12:00	09/06/17 21:17	1
2-Chloronaphthalene	ND		0.067	0.0048	mg/Kg		09/05/17 12:00	09/06/17 21:17	1
2-Nitroaniline	ND		0.33	0.034	mg/Kg		09/05/17 12:00	09/06/17 21:17	1
Dimethyl phthalate	ND		0.17	0.0058	mg/Kg		09/05/17 12:00	09/06/17 21:17	1
Acenaphthylene	ND		0.067	0.0056	mg/Kg		09/05/17 12:00	09/06/17 21:17	1
3-Nitroaniline	ND		0.17	0.039	mg/Kg		09/05/17 12:00	09/06/17 21:17	1
Acenaphthene	ND		0.067	0.0038	mg/Kg		09/05/17 12:00	09/06/17 21:17	1
2,4-Dinitrophenol	ND		0.66	0.066	mg/Kg		09/05/17 12:00	09/06/17 21:17	1
4-Nitrophenol	ND		0.33	0.034	mg/Kg		09/05/17 12:00	09/06/17 21:17	1
Dibenzofuran	ND		0.067	0.0053	mg/Kg		09/05/17 12:00	09/06/17 21:17	1
2,4-Dinitrotoluene	ND		0.067	0.033	mg/Kg		09/05/17 12:00	09/06/17 21:17	1
2,6-Dinitrotoluene	ND		0.067	0.034	mg/Kg		09/05/17 12:00	09/06/17 21:17	1
Diethyl phthalate	ND		0.17	0.0047	mg/Kg		09/05/17 12:00	09/06/17 21:17	1
4-Chlorophenyl phenyl ether	ND		0.17	0.0059	mg/Kg		09/05/17 12:00	09/06/17 21:17	1
Fluorene	ND		0.067	0.0040	mg/Kg		09/05/17 12:00	09/06/17 21:17	1
4-Nitroaniline	ND		0.33	0.033	mg/Kg		09/05/17 12:00	09/06/17 21:17	1
2-Methyl-4,6-dinitrophenol	ND		0.33	0.034	mg/Kg		09/05/17 12:00	09/06/17 21:17	1
N-Nitrosodiphenylamine	ND		0.067	0.0039	mg/Kg		09/05/17 12:00	09/06/17 21:17	1
4-Bromophenyl phenyl ether	ND		0.17	0.0051	mg/Kg		09/05/17 12:00	09/06/17 21:17	1
Hexachlorobenzene	ND		0.067	0.033	mg/Kg		09/05/17 12:00	09/06/17 21:17	1
Pentachlorophenol	ND		0.33	0.016	mg/Kg		09/05/17 12:00	09/06/17 21:17	1
Phenanthrene	ND		0.067	0.0046	mg/Kg		09/05/17 12:00	09/06/17 21:17	1
Anthracene	ND		0.067	0.0043	mg/Kg		09/05/17 12:00	09/06/17 21:17	1
Di-n-butyl phthalate	ND		0.17	0.033	mg/Kg		09/05/17 12:00	09/06/17 21:17	1
Fluoranthene	ND		0.067	0.0073	mg/Kg		09/05/17 12:00	09/06/17 21:17	1
Pyrene	ND		0.067	0.0038	mg/Kg		09/05/17 12:00	09/06/17 21:17	1
Butyl benzyl phthalate	ND		0.17	0.0054	mg/Kg		09/05/17 12:00	09/06/17 21:17	1
3,3'-Dichlorobenzidine	ND		0.17	0.010	mg/Kg		09/05/17 12:00	09/06/17 21:17	1
Benzo[a]anthracene	ND		0.33	0.018	mg/Kg		09/05/17 12:00	09/06/17 21:17	1
Bis(2-ethylhexyl) phthalate	ND		0.33	0.0066	mg/Kg		09/05/17 12:00	09/06/17 21:17	1
Chrysene	ND		0.067	0.033	mg/Kg		09/05/17 12:00	09/06/17 21:17	1
Di-n-octyl phthalate	ND		0.17	0.0048	mg/Kg		09/05/17 12:00	09/06/17 21:17	1
Benzo[b]fluoranthene	ND		0.067	0.0095	mg/Kg		09/05/17 12:00	09/06/17 21:17	1
Benzo[a]pyrene	ND		0.067	0.0066	mg/Kg		09/05/17 12:00	09/06/17 21:17	1
Benzo[k]fluoranthene	ND		0.067	0.014	mg/Kg		09/05/17 12:00	09/06/17 21:17	1
Indeno[1,2,3-cd]pyrene	ND		0.067	0.013	mg/Kg		09/05/17 12:00	09/06/17 21:17	1
Benzo[g,h,i]perylene	ND		0.067	0.020	mg/Kg		09/05/17 12:00	09/06/17 21:17	1
Benzoic acid	ND		0.33	0.034	mg/Kg		09/05/17 12:00	09/06/17 21:17	1
Azobenzene	ND		0.067	0.0058	mg/Kg		09/05/17 12:00	09/06/17 21:17	1
Dibenzo(a,h)anthracene	ND		0.067	0.015	mg/Kg		09/05/17 12:00	09/06/17 21:17	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
Nitrobenzene-d5	54		21 - 98			09/05/17 12:00	09/06/17 21:17	1	
2-Fluorobiphenyl	66		30 - 112			09/05/17 12:00	09/06/17 21:17	1	
Terphenyl-d14	82		59 - 134			09/05/17 12:00	09/06/17 21:17	1	
2-Fluorophenol	61		28 - 98			09/05/17 12:00	09/06/17 21:17	1	
Phenol-d5	65		23 - 101			09/05/17 12:00	09/06/17 21:17	1	
2,4,6-Tribromophenol	73		37 - 114			09/05/17 12:00	09/06/17 21:17	1	

TestAmerica Pleasanton

# Client Sample Results

Client: Haley & Aldrich, Inc.

Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	1.1		0.99		mg/Kg		09/06/17 14:54	09/07/17 12:39	1
Motor Oil Range Organics [C24-C36]	ND		50		mg/Kg		09/06/17 14:54	09/07/17 12:39	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
p-Terphenyl	68		40 - 130				09/06/17 14:54	09/07/17 12:39	1

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		49		ug/Kg		09/05/17 12:59	09/06/17 20:31	1
PCB-1221	ND		49		ug/Kg		09/05/17 12:59	09/06/17 20:31	1
PCB-1232	ND		49		ug/Kg		09/05/17 12:59	09/06/17 20:31	1
PCB-1242	ND		49		ug/Kg		09/05/17 12:59	09/06/17 20:31	1
PCB-1248	ND		49		ug/Kg		09/05/17 12:59	09/06/17 20:31	1
PCB-1254	ND		49		ug/Kg		09/05/17 12:59	09/06/17 20:31	1
PCB-1260	ND		49		ug/Kg		09/05/17 12:59	09/06/17 20:31	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
Tetrachloro-m-xylene	79		45 - 132				09/05/17 12:59	09/06/17 20:31	1
DCB Decachlorobiphenyl	85		42 - 146				09/05/17 12:59	09/06/17 20:31	1

## Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.2		mg/Kg		09/02/17 09:04	09/05/17 10:42	4
Arsenic	2.7		2.4		mg/Kg		09/02/17 09:04	09/05/17 10:42	4
Barium	280		1.2		mg/Kg		09/02/17 09:04	09/05/17 10:42	4
Beryllium	0.87		0.24		mg/Kg		09/02/17 09:04	09/05/17 10:42	4
Cadmium	ND		0.30		mg/Kg		09/02/17 09:04	09/05/17 10:42	4
Chromium	60		1.2		mg/Kg		09/02/17 09:04	09/05/17 10:42	4
Cobalt	8.4		0.48		mg/Kg		09/02/17 09:04	09/05/17 10:42	4
Copper	23		3.6		mg/Kg		09/02/17 09:04	09/05/17 10:42	4
Lead	7.0		1.2		mg/Kg		09/02/17 09:04	09/05/17 10:42	4
Molybdenum	ND		1.2		mg/Kg		09/02/17 09:04	09/05/17 10:42	4
Nickel	56		1.2		mg/Kg		09/02/17 09:04	09/05/17 10:42	4
Selenium	ND		2.4		mg/Kg		09/02/17 09:04	09/05/17 10:42	4
Silver	ND		0.60		mg/Kg		09/02/17 09:04	09/05/17 10:42	4
Thallium	13		1.2		mg/Kg		09/02/17 09:04	09/05/17 10:42	4
Vanadium	52		1.2		mg/Kg		09/02/17 09:04	09/05/17 10:42	4
Zinc	42		3.6		mg/Kg		09/02/17 09:04	09/05/17 10:42	4

## Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.055		0.016		mg/Kg		09/06/17 10:03	09/06/17 13:44	1

TestAmerica Pleasanton

# Client Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

**Client Sample ID: SB-02-SO-1.5**

Date Collected: 09/01/17 07:20

Date Received: 09/01/17 17:00

**Lab Sample ID: 720-81635-16**

Matrix: Solid

**Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		6.0	1.4	ug/Kg	09/01/17 22:55	09/07/17 00:12	1	
Acetone	ND		60	46	ug/Kg	09/01/17 22:55	09/07/17 00:12	1	
Benzene	ND		6.0	0.78	ug/Kg	09/01/17 22:55	09/07/17 00:12	1	
Dichlorobromomethane	ND		6.0	0.87	ug/Kg	09/01/17 22:55	09/07/17 00:12	1	
Bromobenzene	ND *		6.0	0.95	ug/Kg	09/01/17 22:55	09/07/17 00:12	1	
Chlorobromomethane	ND		24	0.87	ug/Kg	09/01/17 22:55	09/07/17 00:12	1	
Bromoform	ND		6.0	2.4	ug/Kg	09/01/17 22:55	09/07/17 00:12	1	
Bromomethane	ND		12	0.95	ug/Kg	09/01/17 22:55	09/07/17 00:12	1	
2-Butanone (MEK)	ND		60	25	ug/Kg	09/01/17 22:55	09/07/17 00:12	1	
n-Butylbenzene	ND *		6.0	1.2	ug/Kg	09/01/17 22:55	09/07/17 00:12	1	
sec-Butylbenzene	ND *		6.0	0.87	ug/Kg	09/01/17 22:55	09/07/17 00:12	1	
tert-Butylbenzene	ND *		6.0	0.88	ug/Kg	09/01/17 22:55	09/07/17 00:12	1	
Carbon disulfide	ND		6.0	2.4	ug/Kg	09/01/17 22:55	09/07/17 00:12	1	
Carbon tetrachloride	ND		6.0	0.75	ug/Kg	09/01/17 22:55	09/07/17 00:12	1	
Chlorobenzene	ND		6.0	0.83	ug/Kg	09/01/17 22:55	09/07/17 00:12	1	
Chloroethane	ND		12	0.68	ug/Kg	09/01/17 22:55	09/07/17 00:12	1	
Chloroform	ND		6.0	0.80	ug/Kg	09/01/17 22:55	09/07/17 00:12	1	
Chloromethane	ND		12	0.87	ug/Kg	09/01/17 22:55	09/07/17 00:12	1	
2-Chlorotoluene	ND *		6.0	0.78	ug/Kg	09/01/17 22:55	09/07/17 00:12	1	
4-Chlorotoluene	ND *		6.0	0.82	ug/Kg	09/01/17 22:55	09/07/17 00:12	1	
Chlorodibromomethane	ND		6.0	0.86	ug/Kg	09/01/17 22:55	09/07/17 00:12	1	
1,2-Dichlorobenzene	ND *		6.0	0.82	ug/Kg	09/01/17 22:55	09/07/17 00:12	1	
1,3-Dichlorobenzene	ND *		6.0	0.87	ug/Kg	09/01/17 22:55	09/07/17 00:12	1	
1,4-Dichlorobenzene	ND *		6.0	0.86	ug/Kg	09/01/17 22:55	09/07/17 00:12	1	
1,3-Dichloropropane	ND		6.0	0.88	ug/Kg	09/01/17 22:55	09/07/17 00:12	1	
1,1-Dichloropropene	ND		6.0	0.83	ug/Kg	09/01/17 22:55	09/07/17 00:12	1	
1,2-Dibromo-3-Chloropropane	ND *		12	2.1	ug/Kg	09/01/17 22:55	09/07/17 00:12	1	
Ethylene Dibromide	ND		6.0	1.7	ug/Kg	09/01/17 22:55	09/07/17 00:12	1	
Dibromomethane	ND		12	1.0	ug/Kg	09/01/17 22:55	09/07/17 00:12	1	
Dichlorodifluoromethane	ND		12	0.95	ug/Kg	09/01/17 22:55	09/07/17 00:12	1	
1,1-Dichloroethane	ND		6.0	0.82	ug/Kg	09/01/17 22:55	09/07/17 00:12	1	
1,2-Dichloroethane	ND		6.0	0.92	ug/Kg	09/01/17 22:55	09/07/17 00:12	1	
1,1-Dichloroethene	ND		6.0	0.75	ug/Kg	09/01/17 22:55	09/07/17 00:12	1	
cis-1,2-Dichloroethene	ND		6.0	0.82	ug/Kg	09/01/17 22:55	09/07/17 00:12	1	
trans-1,2-Dichloroethene	ND		6.0	0.90	ug/Kg	09/01/17 22:55	09/07/17 00:12	1	
1,2-Dichloropropane	ND		6.0	0.76	ug/Kg	09/01/17 22:55	09/07/17 00:12	1	
cis-1,3-Dichloropropene	ND		6.0	0.83	ug/Kg	09/01/17 22:55	09/07/17 00:12	1	
trans-1,3-Dichloropropene	ND		6.0	0.81	ug/Kg	09/01/17 22:55	09/07/17 00:12	1	
Ethylbenzene	ND		6.0	0.90	ug/Kg	09/01/17 22:55	09/07/17 00:12	1	
Hexachlorobutadiene	ND *		6.0	1.1	ug/Kg	09/01/17 22:55	09/07/17 00:12	1	
2-Hexanone	ND		60	12	ug/Kg	09/01/17 22:55	09/07/17 00:12	1	
Isopropylbenzene	ND		6.0	0.82	ug/Kg	09/01/17 22:55	09/07/17 00:12	1	
4-Isopropyltoluene	ND *		6.0	3.0	ug/Kg	09/01/17 22:55	09/07/17 00:12	1	
Methylene Chloride	ND		12	4.8	ug/Kg	09/01/17 22:55	09/07/17 00:12	1	
4-Methyl-2-pentanone (MIBK)	ND		60	12	ug/Kg	09/01/17 22:55	09/07/17 00:12	1	
Naphthalene	ND *		12	1.8	ug/Kg	09/01/17 22:55	09/07/17 00:12	1	
N-Propylbenzene	ND *		6.0	0.80	ug/Kg	09/01/17 22:55	09/07/17 00:12	1	
Styrene	ND		6.0	0.76	ug/Kg	09/01/17 22:55	09/07/17 00:12	1	
1,1,1,2-Tetrachloroethane	ND		6.0	0.92	ug/Kg	09/01/17 22:55	09/07/17 00:12	1	

TestAmerica Pleasanton

# Client Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

**Client Sample ID: SB-02-SO-1.5**  
**Date Collected: 09/01/17 07:20**  
**Date Received: 09/01/17 17:00**

**Lab Sample ID: 720-81635-16**  
**Matrix: Solid**

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND *		6.0	0.90	ug/Kg		09/01/17 22:55	09/07/17 00:12	1
Tetrachloroethene	ND		6.0	0.81	ug/Kg		09/01/17 22:55	09/07/17 00:12	1
Toluene	ND		6.0	0.86	ug/Kg		09/01/17 22:55	09/07/17 00:12	1
1,2,3-Trichlorobenzene	ND *		6.0	0.89	ug/Kg		09/01/17 22:55	09/07/17 00:12	1
1,2,4-Trichlorobenzene	ND *		6.0	0.86	ug/Kg		09/01/17 22:55	09/07/17 00:12	1
1,1,1-Trichloroethane	ND		6.0	0.74	ug/Kg		09/01/17 22:55	09/07/17 00:12	1
1,1,2-Trichloroethane	ND		6.0	0.84	ug/Kg		09/01/17 22:55	09/07/17 00:12	1
Trichloroethene	ND		6.0	0.76	ug/Kg		09/01/17 22:55	09/07/17 00:12	1
Trichlorofluoromethane	ND		6.0	0.68	ug/Kg		09/01/17 22:55	09/07/17 00:12	1
1,2,3-Trichloropropane	ND *		6.0	0.93	ug/Kg		09/01/17 22:55	09/07/17 00:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.0	2.5	ug/Kg		09/01/17 22:55	09/07/17 00:12	1
1,2,4-Trimethylbenzene	ND *		6.0	2.0	ug/Kg		09/01/17 22:55	09/07/17 00:12	1
1,3,5-Trimethylbenzene	ND *		6.0	0.78	ug/Kg		09/01/17 22:55	09/07/17 00:12	1
Vinyl acetate	ND		24	6.0	ug/Kg		09/01/17 22:55	09/07/17 00:12	1
Vinyl chloride	ND		6.0	0.88	ug/Kg		09/01/17 22:55	09/07/17 00:12	1
Xylenes, Total	ND		12	1.5	ug/Kg		09/01/17 22:55	09/07/17 00:12	1
2,2-Dichloropropane	ND		6.0	2.4	ug/Kg		09/01/17 22:55	09/07/17 00:12	1
Gasoline Range Organics (GRO) -C5-C12	ND		300	120	ug/Kg		09/01/17 22:55	09/07/17 00:12	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>		<b>Limits</b>			<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
4-Bromofluorobenzene	82			45 - 131			09/01/17 22:55	09/07/17 00:12	1
1,2-Dichloroethane-d4 (Surr)	123			60 - 140			09/01/17 22:55	09/07/17 00:12	1
Toluene-d8 (Surr)	99			58 - 140			09/01/17 22:55	09/07/17 00:12	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		0.13	0.011	mg/Kg		09/05/17 12:00	09/07/17 00:18	2
Bis(2-chloroethyl)ether	ND		0.13	0.014	mg/Kg		09/05/17 12:00	09/07/17 00:18	2
2-Chlorophenol	ND		0.13	0.0074	mg/Kg		09/05/17 12:00	09/07/17 00:18	2
1,3-Dichlorobenzene	ND		0.13	0.0080	mg/Kg		09/05/17 12:00	09/07/17 00:18	2
1,4-Dichlorobenzene	ND		0.13	0.018	mg/Kg		09/05/17 12:00	09/07/17 00:18	2
Benzyl alcohol	ND		0.34	0.010	mg/Kg		09/05/17 12:00	09/07/17 00:18	2
1,2-Dichlorobenzene	ND		0.13	0.0094	mg/Kg		09/05/17 12:00	09/07/17 00:18	2
2-Methylphenol	ND		0.13	0.010	mg/Kg		09/05/17 12:00	09/07/17 00:18	2
Methylphenol, 3 & 4	ND		0.13	0.019	mg/Kg		09/05/17 12:00	09/07/17 00:18	2
N-Nitrosodi-n-propylamine	ND		0.13	0.066	mg/Kg		09/05/17 12:00	09/07/17 00:18	2
Hexachloroethane	ND		0.13	0.066	mg/Kg		09/05/17 12:00	09/07/17 00:18	2
Nitrobenzene	ND		0.13	0.028	mg/Kg		09/05/17 12:00	09/07/17 00:18	2
Isophorone	ND		0.13	0.0094	mg/Kg		09/05/17 12:00	09/07/17 00:18	2
2-Nitrophenol	ND		0.13	0.066	mg/Kg		09/05/17 12:00	09/07/17 00:18	2
2,4-Dimethylphenol	ND		0.13	0.054	mg/Kg		09/05/17 12:00	09/07/17 00:18	2
Bis(2-chloroethoxy)methane	ND		0.34	0.011	mg/Kg		09/05/17 12:00	09/07/17 00:18	2
2,4-Dichlorophenol	ND		0.66	0.0090	mg/Kg		09/05/17 12:00	09/07/17 00:18	2
1,2,4-Trichlorobenzene	ND		0.13	0.014	mg/Kg		09/05/17 12:00	09/07/17 00:18	2
Naphthalene	ND		0.13	0.0096	mg/Kg		09/05/17 12:00	09/07/17 00:18	2
4-Chloroaniline	ND		0.34	0.0088	mg/Kg		09/05/17 12:00	09/07/17 00:18	2
Hexachlorobutadiene	ND		0.13	0.010	mg/Kg		09/05/17 12:00	09/07/17 00:18	2
4-Chloro-3-methylphenol	ND		0.34	0.011	mg/Kg		09/05/17 12:00	09/07/17 00:18	2
2-Methylnaphthalene	ND		0.13	0.012	mg/Kg		09/05/17 12:00	09/07/17 00:18	2

TestAmerica Pleasanton

# Client Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

**Client Sample ID: SB-02-SO-1.5**

**Lab Sample ID: 720-81635-16**

Date Collected: 09/01/17 07:20

Matrix: Solid

Date Received: 09/01/17 17:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorocyclopentadiene	ND		0.34	0.054	mg/Kg		09/05/17 12:00	09/07/17 00:18	2
2,4,6-Trichlorophenol	ND		0.34	0.020	mg/Kg		09/05/17 12:00	09/07/17 00:18	2
2,4,5-Trichlorophenol	ND		0.13	0.0084	mg/Kg		09/05/17 12:00	09/07/17 00:18	2
2-Chloronaphthalene	ND		0.13	0.0096	mg/Kg		09/05/17 12:00	09/07/17 00:18	2
2-Nitroaniline	ND		0.66	0.068	mg/Kg		09/05/17 12:00	09/07/17 00:18	2
Dimethyl phthalate	ND		0.34	0.012	mg/Kg		09/05/17 12:00	09/07/17 00:18	2
Acenaphthylene	ND		0.13	0.011	mg/Kg		09/05/17 12:00	09/07/17 00:18	2
3-Nitroaniline	ND		0.34	0.078	mg/Kg		09/05/17 12:00	09/07/17 00:18	2
Acenaphthene	ND		0.13	0.0076	mg/Kg		09/05/17 12:00	09/07/17 00:18	2
2,4-Dinitrophenol	ND		1.3	0.13	mg/Kg		09/05/17 12:00	09/07/17 00:18	2
4-Nitrophenol	ND		0.66	0.068	mg/Kg		09/05/17 12:00	09/07/17 00:18	2
Dibenzofuran	ND		0.13	0.011	mg/Kg		09/05/17 12:00	09/07/17 00:18	2
2,4-Dinitrotoluene	ND		0.13	0.066	mg/Kg		09/05/17 12:00	09/07/17 00:18	2
2,6-Dinitrotoluene	ND		0.13	0.068	mg/Kg		09/05/17 12:00	09/07/17 00:18	2
Diethyl phthalate	ND		0.34	0.0094	mg/Kg		09/05/17 12:00	09/07/17 00:18	2
4-Chlorophenyl phenyl ether	ND		0.34	0.012	mg/Kg		09/05/17 12:00	09/07/17 00:18	2
Fluorene	ND		0.13	0.0080	mg/Kg		09/05/17 12:00	09/07/17 00:18	2
4-Nitroaniline	ND		0.66	0.066	mg/Kg		09/05/17 12:00	09/07/17 00:18	2
2-Methyl-4,6-dinitrophenol	ND		0.66	0.068	mg/Kg		09/05/17 12:00	09/07/17 00:18	2
N-Nitrosodiphenylamine	ND		0.13	0.0078	mg/Kg		09/05/17 12:00	09/07/17 00:18	2
4-Bromophenyl phenyl ether	ND		0.34	0.010	mg/Kg		09/05/17 12:00	09/07/17 00:18	2
Hexachlorobenzene	ND		0.13	0.066	mg/Kg		09/05/17 12:00	09/07/17 00:18	2
Pentachlorophenol	ND		0.66	0.032	mg/Kg		09/05/17 12:00	09/07/17 00:18	2
<b>Phenanthrene</b>	<b>0.032 J</b>		0.13	0.0092	mg/Kg		09/05/17 12:00	09/07/17 00:18	2
Anthracene	ND		0.13	0.0086	mg/Kg		09/05/17 12:00	09/07/17 00:18	2
Di-n-butyl phthalate	ND		0.34	0.066	mg/Kg		09/05/17 12:00	09/07/17 00:18	2
<b>Fluoranthene</b>	<b>0.062 J</b>		0.13	0.015	mg/Kg		09/05/17 12:00	09/07/17 00:18	2
<b>Pyrene</b>	<b>0.067 J</b>		0.13	0.0076	mg/Kg		09/05/17 12:00	09/07/17 00:18	2
Butyl benzyl phthalate	ND		0.34	0.011	mg/Kg		09/05/17 12:00	09/07/17 00:18	2
3,3'-Dichlorobenzidine	ND		0.34	0.020	mg/Kg		09/05/17 12:00	09/07/17 00:18	2
<b>Benzo[a]anthracene</b>	<b>0.038 J</b>		0.66	0.036	mg/Kg		09/05/17 12:00	09/07/17 00:18	2
Bis(2-ethylhexyl) phthalate	ND		0.66	0.013	mg/Kg		09/05/17 12:00	09/07/17 00:18	2
Chrysene	ND		0.13	0.066	mg/Kg		09/05/17 12:00	09/07/17 00:18	2
Di-n-octyl phthalate	ND		0.34	0.0096	mg/Kg		09/05/17 12:00	09/07/17 00:18	2
<b>Benzo[b]fluoranthene</b>	<b>0.066 J</b>		0.13	0.019	mg/Kg		09/05/17 12:00	09/07/17 00:18	2
<b>Benzo[a]pyrene</b>	<b>0.071 J</b>		0.13	0.013	mg/Kg		09/05/17 12:00	09/07/17 00:18	2
Benzo[k]fluoranthene	ND		0.13	0.028	mg/Kg		09/05/17 12:00	09/07/17 00:18	2
<b>Indeno[1,2,3-cd]pyrene</b>	<b>0.065 J</b>		0.13	0.026	mg/Kg		09/05/17 12:00	09/07/17 00:18	2
<b>Benzo[g,h,i]perylene</b>	<b>0.045 J</b>		0.13	0.040	mg/Kg		09/05/17 12:00	09/07/17 00:18	2
Benzoic acid	ND		0.66	0.068	mg/Kg		09/05/17 12:00	09/07/17 00:18	2
Azobenzene	ND		0.13	0.012	mg/Kg		09/05/17 12:00	09/07/17 00:18	2
Dibenzo(a,h)anthracene	ND		0.13	0.030	mg/Kg		09/05/17 12:00	09/07/17 00:18	2
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>		<b>Limits</b>			<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
Nitrobenzene-d5	47			21 - 98			09/05/17 12:00	09/07/17 00:18	2
2-Fluorobiphenyl	56			30 - 112			09/05/17 12:00	09/07/17 00:18	2
Terphenyl-d14	62			59 - 134			09/05/17 12:00	09/07/17 00:18	2
2-Fluorophenol	48			28 - 98			09/05/17 12:00	09/07/17 00:18	2
Phenol-d5	54			23 - 101			09/05/17 12:00	09/07/17 00:18	2
2,4,6-Tribromophenol	48			37 - 114			09/05/17 12:00	09/07/17 00:18	2

TestAmerica Pleasanton

# Client Sample Results

Client: Haley & Aldrich, Inc.

Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	15		1.0		mg/Kg		09/06/17 14:54	09/07/17 12:38	1
Motor Oil Range Organics [C24-C36]	ND		50		mg/Kg		09/06/17 14:54	09/07/17 12:38	1
<b>Surrogate</b>									
p-Terphenyl	44		40 - 130				09/06/17 14:54	09/07/17 12:38	1

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		49		ug/Kg		09/05/17 12:59	09/06/17 20:47	1
PCB-1221	ND		49		ug/Kg		09/05/17 12:59	09/06/17 20:47	1
PCB-1232	ND		49		ug/Kg		09/05/17 12:59	09/06/17 20:47	1
PCB-1242	ND		49		ug/Kg		09/05/17 12:59	09/06/17 20:47	1
PCB-1248	ND		49		ug/Kg		09/05/17 12:59	09/06/17 20:47	1
PCB-1254	ND		49		ug/Kg		09/05/17 12:59	09/06/17 20:47	1
PCB-1260	ND		49		ug/Kg		09/05/17 12:59	09/06/17 20:47	1
<b>Surrogate</b>									
Tetrachloro-m-xylene	81		45 - 132				09/05/17 12:59	09/06/17 20:47	1
DCB Decachlorobiphenyl	84		42 - 146				09/05/17 12:59	09/06/17 20:47	1

## Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.7		mg/Kg		09/02/17 09:04	09/05/17 10:46	4
Arsenic	5.5		3.4		mg/Kg		09/02/17 09:04	09/05/17 10:46	4
Barium	330		1.7		mg/Kg		09/02/17 09:04	09/05/17 10:46	4
Beryllium	0.71		0.34		mg/Kg		09/02/17 09:04	09/05/17 10:46	4
Cadmium	0.53		0.43		mg/Kg		09/02/17 09:04	09/05/17 10:46	4
Chromium	59		1.7		mg/Kg		09/02/17 09:04	09/05/17 10:46	4
Cobalt	10		0.68		mg/Kg		09/02/17 09:04	09/05/17 10:46	4
Copper	47		5.1		mg/Kg		09/02/17 09:04	09/05/17 10:46	4
Lead	120		1.7		mg/Kg		09/02/17 09:04	09/05/17 10:46	4
Molybdenum	ND		1.7		mg/Kg		09/02/17 09:04	09/05/17 10:46	4
Nickel	78		1.7		mg/Kg		09/02/17 09:04	09/05/17 10:46	4
Selenium	ND		3.4		mg/Kg		09/02/17 09:04	09/05/17 10:46	4
Silver	ND		0.85		mg/Kg		09/02/17 09:04	09/05/17 10:46	4
Thallium	12		1.7		mg/Kg		09/02/17 09:04	09/05/17 10:46	4
Vanadium	44		1.7		mg/Kg		09/02/17 09:04	09/05/17 10:46	4
Zinc	120		5.1		mg/Kg		09/02/17 09:04	09/05/17 10:46	4

## Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.43		0.016		mg/Kg		09/06/17 10:03	09/06/17 13:47	1

TestAmerica Pleasanton

# Client Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

**Client Sample ID: SB-03-SO-2.0**

**Date Collected: 09/01/17 08:00**

**Date Received: 09/01/17 17:00**

**Lab Sample ID: 720-81635-17**

**Matrix: Solid**

**Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		6.6	1.6	ug/Kg	09/01/17 22:55	09/06/17 14:37	1	
Acetone	ND		66	50	ug/Kg	09/01/17 22:55	09/06/17 14:37	1	
Benzene	ND		6.6	0.86	ug/Kg	09/01/17 22:55	09/06/17 14:37	1	
Dichlorobromomethane	ND		6.6	0.96	ug/Kg	09/01/17 22:55	09/06/17 14:37	1	
Bromobenzene	ND		6.6	1.0	ug/Kg	09/01/17 22:55	09/06/17 14:37	1	
Chlorobromomethane	ND		27	0.96	ug/Kg	09/01/17 22:55	09/06/17 14:37	1	
Bromoform	ND		6.6	2.7	ug/Kg	09/01/17 22:55	09/06/17 14:37	1	
Bromomethane	ND		13	1.0	ug/Kg	09/01/17 22:55	09/06/17 14:37	1	
2-Butanone (MEK)	ND		66	28	ug/Kg	09/01/17 22:55	09/06/17 14:37	1	
n-Butylbenzene	ND		6.6	1.3	ug/Kg	09/01/17 22:55	09/06/17 14:37	1	
sec-Butylbenzene	ND		6.6	0.96	ug/Kg	09/01/17 22:55	09/06/17 14:37	1	
tert-Butylbenzene	ND		6.6	0.97	ug/Kg	09/01/17 22:55	09/06/17 14:37	1	
Carbon disulfide	ND		6.6	2.7	ug/Kg	09/01/17 22:55	09/06/17 14:37	1	
Carbon tetrachloride	ND		6.6	0.82	ug/Kg	09/01/17 22:55	09/06/17 14:37	1	
Chlorobenzene	ND		6.6	0.92	ug/Kg	09/01/17 22:55	09/06/17 14:37	1	
Chloroethane	ND		13	0.74	ug/Kg	09/01/17 22:55	09/06/17 14:37	1	
Chloroform	ND		6.6	0.88	ug/Kg	09/01/17 22:55	09/06/17 14:37	1	
Chloromethane	ND		13	0.96	ug/Kg	09/01/17 22:55	09/06/17 14:37	1	
2-Chlorotoluene	ND		6.6	0.86	ug/Kg	09/01/17 22:55	09/06/17 14:37	1	
4-Chlorotoluene	ND		6.6	0.90	ug/Kg	09/01/17 22:55	09/06/17 14:37	1	
Chlorodibromomethane	ND		6.6	0.94	ug/Kg	09/01/17 22:55	09/06/17 14:37	1	
1,2-Dichlorobenzene	ND		6.6	0.90	ug/Kg	09/01/17 22:55	09/06/17 14:37	1	
1,3-Dichlorobenzene	ND		6.6	0.96	ug/Kg	09/01/17 22:55	09/06/17 14:37	1	
1,4-Dichlorobenzene	ND		6.6	0.94	ug/Kg	09/01/17 22:55	09/06/17 14:37	1	
1,3-Dichloropropane	ND		6.6	0.97	ug/Kg	09/01/17 22:55	09/06/17 14:37	1	
1,1-Dichloropropene	ND		6.6	0.92	ug/Kg	09/01/17 22:55	09/06/17 14:37	1	
1,2-Dibromo-3-Chloropropane	ND		13	2.3	ug/Kg	09/01/17 22:55	09/06/17 14:37	1	
Ethylene Dibromide	ND		6.6	1.9	ug/Kg	09/01/17 22:55	09/06/17 14:37	1	
Dibromomethane	ND		13	1.1	ug/Kg	09/01/17 22:55	09/06/17 14:37	1	
Dichlorodifluoromethane	ND		13	1.0	ug/Kg	09/01/17 22:55	09/06/17 14:37	1	
1,1-Dichloroethane	ND		6.6	0.90	ug/Kg	09/01/17 22:55	09/06/17 14:37	1	
1,2-Dichloroethane	ND		6.6	1.0	ug/Kg	09/01/17 22:55	09/06/17 14:37	1	
1,1-Dichloroethene	ND		6.6	0.82	ug/Kg	09/01/17 22:55	09/06/17 14:37	1	
cis-1,2-Dichloroethene	ND		6.6	0.90	ug/Kg	09/01/17 22:55	09/06/17 14:37	1	
trans-1,2-Dichloroethene	ND		6.6	1.0	ug/Kg	09/01/17 22:55	09/06/17 14:37	1	
1,2-Dichloropropane	ND		6.6	0.84	ug/Kg	09/01/17 22:55	09/06/17 14:37	1	
cis-1,3-Dichloropropene	ND		6.6	0.92	ug/Kg	09/01/17 22:55	09/06/17 14:37	1	
trans-1,3-Dichloropropene	ND		6.6	0.89	ug/Kg	09/01/17 22:55	09/06/17 14:37	1	
Ethylbenzene	ND		6.6	1.0	ug/Kg	09/01/17 22:55	09/06/17 14:37	1	
Hexachlorobutadiene	ND		6.6	1.2	ug/Kg	09/01/17 22:55	09/06/17 14:37	1	
2-Hexanone	ND		66	13	ug/Kg	09/01/17 22:55	09/06/17 14:37	1	
Isopropylbenzene	ND		6.6	0.90	ug/Kg	09/01/17 22:55	09/06/17 14:37	1	
4-Isopropyltoluene	ND		6.6	3.3	ug/Kg	09/01/17 22:55	09/06/17 14:37	1	
Methylene Chloride	ND		13	5.3	ug/Kg	09/01/17 22:55	09/06/17 14:37	1	
4-Methyl-2-pentanone (MIBK)	ND		66	13	ug/Kg	09/01/17 22:55	09/06/17 14:37	1	
Naphthalene	ND		13	2.0	ug/Kg	09/01/17 22:55	09/06/17 14:37	1	
N-Propylbenzene	ND		6.6	0.88	ug/Kg	09/01/17 22:55	09/06/17 14:37	1	
Styrene	ND		6.6	0.84	ug/Kg	09/01/17 22:55	09/06/17 14:37	1	
1,1,1,2-Tetrachloroethane	ND		6.6	1.0	ug/Kg	09/01/17 22:55	09/06/17 14:37	1	

TestAmerica Pleasanton

# Client Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

**Client Sample ID: SB-03-SO-2.0**

**Lab Sample ID: 720-81635-17**

**Matrix: Solid**

Date Collected: 09/01/17 08:00  
Date Received: 09/01/17 17:00

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		6.6	1.0	ug/Kg		09/01/17 22:55	09/06/17 14:37	1
Tetrachloroethene	ND		6.6	0.89	ug/Kg		09/01/17 22:55	09/06/17 14:37	1
Toluene	ND		6.6	0.94	ug/Kg		09/01/17 22:55	09/06/17 14:37	1
1,2,3-Trichlorobenzene	ND		6.6	0.98	ug/Kg		09/01/17 22:55	09/06/17 14:37	1
1,2,4-Trichlorobenzene	ND		6.6	0.94	ug/Kg		09/01/17 22:55	09/06/17 14:37	1
1,1,1-Trichloroethane	ND		6.6	0.81	ug/Kg		09/01/17 22:55	09/06/17 14:37	1
1,1,2-Trichloroethane	ND		6.6	0.93	ug/Kg		09/01/17 22:55	09/06/17 14:37	1
Trichloroethene	ND		6.6	0.84	ug/Kg		09/01/17 22:55	09/06/17 14:37	1
Trichlorofluoromethane	ND		6.6	0.74	ug/Kg		09/01/17 22:55	09/06/17 14:37	1
1,2,3-Trichloropropane	ND		6.6	1.0	ug/Kg		09/01/17 22:55	09/06/17 14:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.6	2.8	ug/Kg		09/01/17 22:55	09/06/17 14:37	1
1,2,4-Trimethylbenzene	ND		6.6	2.2	ug/Kg		09/01/17 22:55	09/06/17 14:37	1
1,3,5-Trimethylbenzene	ND		6.6	0.86	ug/Kg		09/01/17 22:55	09/06/17 14:37	1
Vinyl acetate	ND		27	6.6	ug/Kg		09/01/17 22:55	09/06/17 14:37	1
Vinyl chloride	ND		6.6	0.97	ug/Kg		09/01/17 22:55	09/06/17 14:37	1
Xylenes, Total	ND		13	1.6	ug/Kg		09/01/17 22:55	09/06/17 14:37	1
2,2-Dichloropropane	ND		6.6	2.7	ug/Kg		09/01/17 22:55	09/06/17 14:37	1
Gasoline Range Organics (GRO) -C5-C12	ND		330	130	ug/Kg		09/01/17 22:55	09/06/17 14:37	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>		<b>Limits</b>			<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
4-Bromofluorobenzene	95			45 - 131			09/01/17 22:55	09/06/17 14:37	1
1,2-Dichloroethane-d4 (Surr)	114			60 - 140			09/01/17 22:55	09/06/17 14:37	1
Toluene-d8 (Surr)	103			58 - 140			09/01/17 22:55	09/06/17 14:37	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	0.0055	mg/Kg		09/05/17 12:00	09/06/17 21:40	1
Bis(2-chloroethyl)ether	ND		0.067	0.0070	mg/Kg		09/05/17 12:00	09/06/17 21:40	1
2-Chlorophenol	ND		0.067	0.0037	mg/Kg		09/05/17 12:00	09/06/17 21:40	1
1,3-Dichlorobenzene	ND		0.067	0.0040	mg/Kg		09/05/17 12:00	09/06/17 21:40	1
1,4-Dichlorobenzene	ND		0.067	0.0090	mg/Kg		09/05/17 12:00	09/06/17 21:40	1
Benzyl alcohol	ND		0.17	0.0052	mg/Kg		09/05/17 12:00	09/06/17 21:40	1
1,2-Dichlorobenzene	ND		0.067	0.0047	mg/Kg		09/05/17 12:00	09/06/17 21:40	1
2-Methylphenol	ND		0.067	0.0050	mg/Kg		09/05/17 12:00	09/06/17 21:40	1
Methylphenol, 3 & 4	ND		0.067	0.0095	mg/Kg		09/05/17 12:00	09/06/17 21:40	1
N-Nitrosodi-n-propylamine	ND		0.067	0.033	mg/Kg		09/05/17 12:00	09/06/17 21:40	1
Hexachloroethane	ND		0.067	0.033	mg/Kg		09/05/17 12:00	09/06/17 21:40	1
Nitrobenzene	ND		0.067	0.014	mg/Kg		09/05/17 12:00	09/06/17 21:40	1
Isophorone	ND		0.067	0.0047	mg/Kg		09/05/17 12:00	09/06/17 21:40	1
2-Nitrophenol	ND		0.067	0.033	mg/Kg		09/05/17 12:00	09/06/17 21:40	1
2,4-Dimethylphenol	ND		0.067	0.027	mg/Kg		09/05/17 12:00	09/06/17 21:40	1
Bis(2-chloroethoxy)methane	ND		0.17	0.0055	mg/Kg		09/05/17 12:00	09/06/17 21:40	1
2,4-Dichlorophenol	ND		0.33	0.0045	mg/Kg		09/05/17 12:00	09/06/17 21:40	1
1,2,4-Trichlorobenzene	ND		0.067	0.0070	mg/Kg		09/05/17 12:00	09/06/17 21:40	1
Naphthalene	ND		0.067	0.0048	mg/Kg		09/05/17 12:00	09/06/17 21:40	1
4-Chloroaniline	ND		0.17	0.0044	mg/Kg		09/05/17 12:00	09/06/17 21:40	1
Hexachlorobutadiene	ND		0.067	0.0052	mg/Kg		09/05/17 12:00	09/06/17 21:40	1
4-Chloro-3-methylphenol	ND		0.17	0.0054	mg/Kg		09/05/17 12:00	09/06/17 21:40	1
2-Methylnaphthalene	ND		0.067	0.0062	mg/Kg		09/05/17 12:00	09/06/17 21:40	1

TestAmerica Pleasanton

# Client Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

**Client Sample ID: SB-03-SO-2.0**

**Lab Sample ID: 720-81635-17**

**Matrix: Solid**

Date Collected: 09/01/17 08:00  
Date Received: 09/01/17 17:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorocyclopentadiene	ND		0.17	0.027	mg/Kg		09/05/17 12:00	09/06/17 21:40	1
2,4,6-Trichlorophenol	ND		0.17	0.0098	mg/Kg		09/05/17 12:00	09/06/17 21:40	1
2,4,5-Trichlorophenol	ND		0.067	0.0042	mg/Kg		09/05/17 12:00	09/06/17 21:40	1
2-Chloronaphthalene	ND		0.067	0.0048	mg/Kg		09/05/17 12:00	09/06/17 21:40	1
2-Nitroaniline	ND		0.33	0.034	mg/Kg		09/05/17 12:00	09/06/17 21:40	1
Dimethyl phthalate	ND		0.17	0.0058	mg/Kg		09/05/17 12:00	09/06/17 21:40	1
Acenaphthylene	ND		0.067	0.0056	mg/Kg		09/05/17 12:00	09/06/17 21:40	1
3-Nitroaniline	ND		0.17	0.039	mg/Kg		09/05/17 12:00	09/06/17 21:40	1
Acenaphthene	ND		0.067	0.0038	mg/Kg		09/05/17 12:00	09/06/17 21:40	1
2,4-Dinitrophenol	ND		0.66	0.066	mg/Kg		09/05/17 12:00	09/06/17 21:40	1
4-Nitrophenol	ND		0.33	0.034	mg/Kg		09/05/17 12:00	09/06/17 21:40	1
Dibenzofuran	ND		0.067	0.0053	mg/Kg		09/05/17 12:00	09/06/17 21:40	1
2,4-Dinitrotoluene	ND		0.067	0.033	mg/Kg		09/05/17 12:00	09/06/17 21:40	1
2,6-Dinitrotoluene	ND		0.067	0.034	mg/Kg		09/05/17 12:00	09/06/17 21:40	1
Diethyl phthalate	ND		0.17	0.0047	mg/Kg		09/05/17 12:00	09/06/17 21:40	1
4-Chlorophenyl phenyl ether	ND		0.17	0.0059	mg/Kg		09/05/17 12:00	09/06/17 21:40	1
Fluorene	ND		0.067	0.0040	mg/Kg		09/05/17 12:00	09/06/17 21:40	1
4-Nitroaniline	ND		0.33	0.033	mg/Kg		09/05/17 12:00	09/06/17 21:40	1
2-Methyl-4,6-dinitrophenol	ND		0.33	0.034	mg/Kg		09/05/17 12:00	09/06/17 21:40	1
N-Nitrosodiphenylamine	ND		0.067	0.0039	mg/Kg		09/05/17 12:00	09/06/17 21:40	1
4-Bromophenyl phenyl ether	ND		0.17	0.0051	mg/Kg		09/05/17 12:00	09/06/17 21:40	1
Hexachlorobenzene	ND		0.067	0.033	mg/Kg		09/05/17 12:00	09/06/17 21:40	1
Pentachlorophenol	ND		0.33	0.016	mg/Kg		09/05/17 12:00	09/06/17 21:40	1
Phenanthrene	ND		0.067	0.0046	mg/Kg		09/05/17 12:00	09/06/17 21:40	1
Anthracene	ND		0.067	0.0043	mg/Kg		09/05/17 12:00	09/06/17 21:40	1
Di-n-butyl phthalate	ND		0.17	0.033	mg/Kg		09/05/17 12:00	09/06/17 21:40	1
Fluoranthene	ND		0.067	0.0073	mg/Kg		09/05/17 12:00	09/06/17 21:40	1
Pyrene	ND		0.067	0.0038	mg/Kg		09/05/17 12:00	09/06/17 21:40	1
Butyl benzyl phthalate	ND		0.17	0.0054	mg/Kg		09/05/17 12:00	09/06/17 21:40	1
3,3'-Dichlorobenzidine	ND		0.17	0.010	mg/Kg		09/05/17 12:00	09/06/17 21:40	1
Benzo[a]anthracene	ND		0.33	0.018	mg/Kg		09/05/17 12:00	09/06/17 21:40	1
<b>Bis(2-ethylhexyl) phthalate</b>	<b>0.059</b>	<b>J</b>	0.33	0.0066	mg/Kg		09/05/17 12:00	09/06/17 21:40	1
Chrysene	ND		0.067	0.033	mg/Kg		09/05/17 12:00	09/06/17 21:40	1
Di-n-octyl phthalate	ND		0.17	0.0048	mg/Kg		09/05/17 12:00	09/06/17 21:40	1
Benzo[b]fluoranthene	ND		0.067	0.0095	mg/Kg		09/05/17 12:00	09/06/17 21:40	1
Benzo[a]pyrene	ND		0.067	0.0066	mg/Kg		09/05/17 12:00	09/06/17 21:40	1
Benzo[k]fluoranthene	ND		0.067	0.014	mg/Kg		09/05/17 12:00	09/06/17 21:40	1
Indeno[1,2,3-cd]pyrene	ND		0.067	0.013	mg/Kg		09/05/17 12:00	09/06/17 21:40	1
Benzo[g,h,i]perylene	ND		0.067	0.020	mg/Kg		09/05/17 12:00	09/06/17 21:40	1
Benzoic acid	ND		0.33	0.034	mg/Kg		09/05/17 12:00	09/06/17 21:40	1
Azobenzene	ND		0.067	0.0058	mg/Kg		09/05/17 12:00	09/06/17 21:40	1
Dibenzo(a,h)anthracene	ND		0.067	0.015	mg/Kg		09/05/17 12:00	09/06/17 21:40	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
Nitrobenzene-d5	25		21 - 98			09/05/17 12:00	09/06/17 21:40	1	
2-Fluorobiphenyl	33		30 - 112			09/05/17 12:00	09/06/17 21:40	1	
Terphenyl-d14	70		59 - 134			09/05/17 12:00	09/06/17 21:40	1	
2-Fluorophenol	28		28 - 98			09/05/17 12:00	09/06/17 21:40	1	
Phenol-d5	31		23 - 101			09/05/17 12:00	09/06/17 21:40	1	
2,4,6-Tribromophenol	48		37 - 114			09/05/17 12:00	09/06/17 21:40	1	

TestAmerica Pleasanton

# Client Sample Results

Client: Haley & Aldrich, Inc.

Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	3.9		1.0		mg/Kg		09/06/17 14:54	09/07/17 13:03	1
Motor Oil Range Organics [C24-C36]	ND		50		mg/Kg		09/06/17 14:54	09/07/17 13:03	1
<b>Surrogate</b>									
p-Terphenyl	57		40 - 130				09/06/17 14:54	09/07/17 13:03	1

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		49		ug/Kg		09/05/17 12:59	09/06/17 21:04	1
PCB-1221	ND		49		ug/Kg		09/05/17 12:59	09/06/17 21:04	1
PCB-1232	ND		49		ug/Kg		09/05/17 12:59	09/06/17 21:04	1
PCB-1242	ND		49		ug/Kg		09/05/17 12:59	09/06/17 21:04	1
PCB-1248	ND		49		ug/Kg		09/05/17 12:59	09/06/17 21:04	1
PCB-1254	ND		49		ug/Kg		09/05/17 12:59	09/06/17 21:04	1
PCB-1260	ND		49		ug/Kg		09/05/17 12:59	09/06/17 21:04	1
<b>Surrogate</b>									
Tetrachloro-m-xylene	77		45 - 132				09/05/17 12:59	09/06/17 21:04	1
DCB Decachlorobiphenyl	84		42 - 146				09/05/17 12:59	09/06/17 21:04	1

## Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		4.2		mg/Kg		09/02/17 09:04	09/05/17 13:13	10
Arsenic	ND		3.4		mg/Kg		09/02/17 09:04	09/05/17 10:50	4
<b>Barium</b>	240		1.7		mg/Kg		09/02/17 09:04	09/05/17 10:50	4
Beryllium	ND		0.34		mg/Kg		09/02/17 09:04	09/05/17 10:50	4
Cadmium	ND		0.42		mg/Kg		09/02/17 09:04	09/05/17 10:50	4
<b>Chromium</b>	26		1.7		mg/Kg		09/02/17 09:04	09/05/17 10:50	4
<b>Cobalt</b>	3.6		0.68		mg/Kg		09/02/17 09:04	09/05/17 10:50	4
<b>Copper</b>	16		13		mg/Kg		09/02/17 09:04	09/05/17 13:13	10
<b>Lead</b>	12		1.7		mg/Kg		09/02/17 09:04	09/05/17 10:50	4
Molybdenum	ND		1.7		mg/Kg		09/02/17 09:04	09/05/17 10:50	4
<b>Nickel</b>	22		4.2		mg/Kg		09/02/17 09:04	09/05/17 13:13	10
Selenium	ND		8.5		mg/Kg		09/02/17 09:04	09/05/17 13:13	10
Silver	ND		0.85		mg/Kg		09/02/17 09:04	09/05/17 10:50	4
<b>Thallium</b>	5.7		1.7		mg/Kg		09/02/17 09:04	09/05/17 10:50	4
<b>Vanadium</b>	21		1.7		mg/Kg		09/02/17 09:04	09/05/17 10:50	4
<b>Zinc</b>	41		5.1		mg/Kg		09/02/17 09:04	09/05/17 10:50	4

## Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	0.041		0.016		mg/Kg		09/06/17 10:03	09/06/17 13:49	1

TestAmerica Pleasanton

# Client Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

**Client Sample ID: SB-02-SO-15.5**

Date Collected: 09/01/17 07:50

Date Received: 09/01/17 17:00

**Lab Sample ID: 720-81635-18**

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		4.9	1.2	ug/Kg	09/07/17 09:37	09/07/17 12:22		1
Acetone	ND		49	37	ug/Kg	09/07/17 09:37	09/07/17 12:22		1
Benzene	ND		4.9	0.64	ug/Kg	09/07/17 09:37	09/07/17 12:22		1
Dichlorobromomethane	ND		4.9	0.71	ug/Kg	09/07/17 09:37	09/07/17 12:22		1
Bromobenzene	ND		4.9	0.78	ug/Kg	09/07/17 09:37	09/07/17 12:22		1
Chlorobromomethane	ND		20	0.71	ug/Kg	09/07/17 09:37	09/07/17 12:22		1
Bromoform	ND		4.9	2.0	ug/Kg	09/07/17 09:37	09/07/17 12:22		1
Bromomethane	ND		9.9	0.78	ug/Kg	09/07/17 09:37	09/07/17 12:22		1
2-Butanone (MEK)	ND		49	21	ug/Kg	09/07/17 09:37	09/07/17 12:22		1
n-Butylbenzene	ND		4.9	0.99	ug/Kg	09/07/17 09:37	09/07/17 12:22		1
sec-Butylbenzene	ND		4.9	0.71	ug/Kg	09/07/17 09:37	09/07/17 12:22		1
tert-Butylbenzene	ND		4.9	0.72	ug/Kg	09/07/17 09:37	09/07/17 12:22		1
Carbon disulfide	ND		4.9	2.0	ug/Kg	09/07/17 09:37	09/07/17 12:22		1
Carbon tetrachloride	ND		4.9	0.61	ug/Kg	09/07/17 09:37	09/07/17 12:22		1
Chlorobenzene	ND		4.9	0.68	ug/Kg	09/07/17 09:37	09/07/17 12:22		1
Chloroethane	ND		9.9	0.55	ug/Kg	09/07/17 09:37	09/07/17 12:22		1
Chloroform	ND		4.9	0.65	ug/Kg	09/07/17 09:37	09/07/17 12:22		1
Chloromethane	ND		9.9	0.71	ug/Kg	09/07/17 09:37	09/07/17 12:22		1
2-Chlorotoluene	ND		4.9	0.64	ug/Kg	09/07/17 09:37	09/07/17 12:22		1
4-Chlorotoluene	ND		4.9	0.67	ug/Kg	09/07/17 09:37	09/07/17 12:22		1
Chlorodibromomethane	ND		4.9	0.70	ug/Kg	09/07/17 09:37	09/07/17 12:22		1
1,2-Dichlorobenzene	ND		4.9	0.67	ug/Kg	09/07/17 09:37	09/07/17 12:22		1
1,3-Dichlorobenzene	ND		4.9	0.71	ug/Kg	09/07/17 09:37	09/07/17 12:22		1
1,4-Dichlorobenzene	ND		4.9	0.70	ug/Kg	09/07/17 09:37	09/07/17 12:22		1
1,3-Dichloropropane	ND		4.9	0.72	ug/Kg	09/07/17 09:37	09/07/17 12:22		1
1,1-Dichloropropene	ND		4.9	0.68	ug/Kg	09/07/17 09:37	09/07/17 12:22		1
1,2-Dibromo-3-Chloropropane	ND		9.9	1.7	ug/Kg	09/07/17 09:37	09/07/17 12:22		1
Ethylene Dibromide	ND		4.9	1.4	ug/Kg	09/07/17 09:37	09/07/17 12:22		1
Dibromomethane	ND		9.9	0.85	ug/Kg	09/07/17 09:37	09/07/17 12:22		1
Dichlorodifluoromethane	ND		9.9	0.78	ug/Kg	09/07/17 09:37	09/07/17 12:22		1
1,1-Dichloroethane	ND		4.9	0.67	ug/Kg	09/07/17 09:37	09/07/17 12:22		1
1,2-Dichloroethane	ND		4.9	0.75	ug/Kg	09/07/17 09:37	09/07/17 12:22		1
1,1-Dichloroethene	ND		4.9	0.61	ug/Kg	09/07/17 09:37	09/07/17 12:22		1
cis-1,2-Dichloroethene	ND		4.9	0.67	ug/Kg	09/07/17 09:37	09/07/17 12:22		1
trans-1,2-Dichloroethene	ND		4.9	0.74	ug/Kg	09/07/17 09:37	09/07/17 12:22		1
1,2-Dichloropropane	ND		4.9	0.62	ug/Kg	09/07/17 09:37	09/07/17 12:22		1
cis-1,3-Dichloropropene	ND		4.9	0.68	ug/Kg	09/07/17 09:37	09/07/17 12:22		1
trans-1,3-Dichloropropene	ND		4.9	0.66	ug/Kg	09/07/17 09:37	09/07/17 12:22		1
Ethylbenzene	ND		4.9	0.74	ug/Kg	09/07/17 09:37	09/07/17 12:22		1
Hexachlorobutadiene	ND		4.9	0.89	ug/Kg	09/07/17 09:37	09/07/17 12:22		1
2-Hexanone	ND		49	9.9	ug/Kg	09/07/17 09:37	09/07/17 12:22		1
Isopropylbenzene	ND		4.9	0.67	ug/Kg	09/07/17 09:37	09/07/17 12:22		1
4-Isopropyltoluene	ND		4.9	2.5	ug/Kg	09/07/17 09:37	09/07/17 12:22		1
<b>Methylene Chloride</b>	<b>4.2 J</b>		9.9	3.9	ug/Kg	09/07/17 09:37	09/07/17 12:22		1
4-Methyl-2-pentanone (MIBK)	ND		49	9.9	ug/Kg	09/07/17 09:37	09/07/17 12:22		1
Naphthalene	ND		9.9	1.5	ug/Kg	09/07/17 09:37	09/07/17 12:22		1
N-Propylbenzene	ND		4.9	0.65	ug/Kg	09/07/17 09:37	09/07/17 12:22		1
Styrene	ND		4.9	0.62	ug/Kg	09/07/17 09:37	09/07/17 12:22		1
1,1,1,2-Tetrachloroethane	ND		4.9	0.75	ug/Kg	09/07/17 09:37	09/07/17 12:22		1

TestAmerica Pleasanton

# Client Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

**Client Sample ID: SB-02-SO-15.5**

**Lab Sample ID: 720-81635-18**

Date Collected: 09/01/17 07:50

Matrix: Solid

Date Received: 09/01/17 17:00

## 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		4.9	0.74	ug/Kg		09/07/17 09:37	09/07/17 12:22	1
Tetrachloroethene	ND		4.9	0.66	ug/Kg		09/07/17 09:37	09/07/17 12:22	1
Toluene	ND		4.9	0.70	ug/Kg		09/07/17 09:37	09/07/17 12:22	1
1,2,3-Trichlorobenzene	ND		4.9	0.73	ug/Kg		09/07/17 09:37	09/07/17 12:22	1
1,2,4-Trichlorobenzene	ND		4.9	0.70	ug/Kg		09/07/17 09:37	09/07/17 12:22	1
<b>1,1,1-Trichloroethane</b>	<b>3.1</b>	<b>J</b>	4.9	0.60	ug/Kg		09/07/17 09:37	09/07/17 12:22	1
1,1,2-Trichloroethane	ND		4.9	0.69	ug/Kg		09/07/17 09:37	09/07/17 12:22	1
Trichloroethene	ND		4.9	0.62	ug/Kg		09/07/17 09:37	09/07/17 12:22	1
Trichlorofluoromethane	ND		4.9	0.55	ug/Kg		09/07/17 09:37	09/07/17 12:22	1
1,2,3-Trichloropropane	ND		4.9	0.76	ug/Kg		09/07/17 09:37	09/07/17 12:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.9	2.1	ug/Kg		09/07/17 09:37	09/07/17 12:22	1
1,2,4-Trimethylbenzene	ND		4.9	1.6	ug/Kg		09/07/17 09:37	09/07/17 12:22	1
1,3,5-Trimethylbenzene	ND		4.9	0.64	ug/Kg		09/07/17 09:37	09/07/17 12:22	1
Vinyl acetate	ND		20	4.9	ug/Kg		09/07/17 09:37	09/07/17 12:22	1
Vinyl chloride	ND		4.9	0.72	ug/Kg		09/07/17 09:37	09/07/17 12:22	1
Xylenes, Total	ND		9.9	1.2	ug/Kg		09/07/17 09:37	09/07/17 12:22	1
2,2-Dichloropropane	ND		4.9	2.0	ug/Kg		09/07/17 09:37	09/07/17 12:22	1
Gasoline Range Organics (GRO) -C5-C12	ND		250	99	ug/Kg		09/07/17 09:37	09/07/17 12:22	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>		<b>Limits</b>			<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
4-Bromofluorobenzene	95			45 - 131			09/07/17 09:37	09/07/17 12:22	1
1,2-Dichloroethane-d4 (Surr)	111			60 - 140			09/07/17 09:37	09/07/17 12:22	1
Toluene-d8 (Surr)	103			58 - 140			09/07/17 09:37	09/07/17 12:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Diesel Range Organics [C10-C28]</b>	<b>4.3</b>		1.0		mg/Kg		09/06/17 14:54	09/07/17 13:28	1
Motor Oil Range Organics [C24-C36]	ND		50		mg/Kg		09/06/17 14:54	09/07/17 13:28	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>		<b>Limits</b>			<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
p-Terphenyl	95			40 - 130			09/06/17 14:54	09/07/17 13:28	1

## Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.7		mg/Kg		09/02/17 09:04	09/05/17 10:54	4
Arsenic	ND		3.3		mg/Kg		09/02/17 09:04	09/05/17 10:54	4
<b>Barium</b>	<b>120</b>		1.7		mg/Kg		09/02/17 09:04	09/05/17 10:54	4
<b>Beryllium</b>	<b>0.52</b>		0.33		mg/Kg		09/02/17 09:04	09/05/17 10:54	4
Cadmium	ND		0.41		mg/Kg		09/02/17 09:04	09/05/17 10:54	4
<b>Chromium</b>	<b>62</b>		1.7		mg/Kg		09/02/17 09:04	09/05/17 10:54	4
<b>Cobalt</b>	<b>8.9</b>		0.66		mg/Kg		09/02/17 09:04	09/05/17 10:54	4
<b>Copper</b>	<b>29</b>		5.0		mg/Kg		09/02/17 09:04	09/05/17 10:54	4
<b>Lead</b>	<b>6.2</b>		1.7		mg/Kg		09/02/17 09:04	09/05/17 10:54	4
Molybdenum	ND		1.7		mg/Kg		09/02/17 09:04	09/05/17 10:54	4
<b>Nickel</b>	<b>70</b>		1.7		mg/Kg		09/02/17 09:04	09/05/17 10:54	4
Selenium	ND		3.3		mg/Kg		09/02/17 09:04	09/05/17 10:54	4
Silver	ND		0.83		mg/Kg		09/02/17 09:04	09/05/17 10:54	4
<b>Thallium</b>	<b>12</b>		1.7		mg/Kg		09/02/17 09:04	09/05/17 10:54	4
<b>Vanadium</b>	<b>48</b>		1.7		mg/Kg		09/02/17 09:04	09/05/17 10:54	4
<b>Zinc</b>	<b>53</b>		5.0		mg/Kg		09/02/17 09:04	09/05/17 10:54	4

TestAmerica Pleasanton

# Client Sample Results

Client: Haley & Aldrich, Inc.

Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

## Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.052		0.016		mg/Kg	D	09/06/17 10:03	09/06/17 13:51	1

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TestAmerica Pleasanton

# Client Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

**Client Sample ID: SB-03-SO-16**

Date Collected: 09/01/17 08:20

Date Received: 09/01/17 17:00

**Lab Sample ID: 720-81635-19**

Matrix: Solid

**Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		5.7	1.4	ug/Kg	09/01/17 22:55	09/07/17 01:07	1	
Acetone	ND		57	43	ug/Kg	09/01/17 22:55	09/07/17 01:07	1	
Benzene	ND		5.7	0.74	ug/Kg	09/01/17 22:55	09/07/17 01:07	1	
Dichlorobromomethane	ND		5.7	0.82	ug/Kg	09/01/17 22:55	09/07/17 01:07	1	
Bromobenzene	ND *		5.7	0.90	ug/Kg	09/01/17 22:55	09/07/17 01:07	1	
Chlorobromomethane	ND		23	0.82	ug/Kg	09/01/17 22:55	09/07/17 01:07	1	
Bromoform	ND		5.7	2.3	ug/Kg	09/01/17 22:55	09/07/17 01:07	1	
Bromomethane	ND		11	0.90	ug/Kg	09/01/17 22:55	09/07/17 01:07	1	
2-Butanone (MEK)	ND		57	24	ug/Kg	09/01/17 22:55	09/07/17 01:07	1	
n-Butylbenzene	ND *		5.7	1.1	ug/Kg	09/01/17 22:55	09/07/17 01:07	1	
sec-Butylbenzene	ND *		5.7	0.82	ug/Kg	09/01/17 22:55	09/07/17 01:07	1	
tert-Butylbenzene	ND *		5.7	0.83	ug/Kg	09/01/17 22:55	09/07/17 01:07	1	
Carbon disulfide	ND		5.7	2.3	ug/Kg	09/01/17 22:55	09/07/17 01:07	1	
Carbon tetrachloride	ND		5.7	0.71	ug/Kg	09/01/17 22:55	09/07/17 01:07	1	
Chlorobenzene	ND		5.7	0.79	ug/Kg	09/01/17 22:55	09/07/17 01:07	1	
Chloroethane	ND		11	0.64	ug/Kg	09/01/17 22:55	09/07/17 01:07	1	
Chloroform	ND		5.7	0.75	ug/Kg	09/01/17 22:55	09/07/17 01:07	1	
Chloromethane	ND		11	0.82	ug/Kg	09/01/17 22:55	09/07/17 01:07	1	
2-Chlorotoluene	ND *		5.7	0.74	ug/Kg	09/01/17 22:55	09/07/17 01:07	1	
4-Chlorotoluene	ND *		5.7	0.78	ug/Kg	09/01/17 22:55	09/07/17 01:07	1	
Chlorodibromomethane	ND		5.7	0.81	ug/Kg	09/01/17 22:55	09/07/17 01:07	1	
1,2-Dichlorobenzene	ND *		5.7	0.78	ug/Kg	09/01/17 22:55	09/07/17 01:07	1	
1,3-Dichlorobenzene	ND *		5.7	0.82	ug/Kg	09/01/17 22:55	09/07/17 01:07	1	
1,4-Dichlorobenzene	ND *		5.7	0.81	ug/Kg	09/01/17 22:55	09/07/17 01:07	1	
1,3-Dichloropropane	ND		5.7	0.83	ug/Kg	09/01/17 22:55	09/07/17 01:07	1	
1,1-Dichloropropene	ND		5.7	0.79	ug/Kg	09/01/17 22:55	09/07/17 01:07	1	
1,2-Dibromo-3-Chloropropane	ND *		11	1.9	ug/Kg	09/01/17 22:55	09/07/17 01:07	1	
Ethylene Dibromide	ND		5.7	1.6	ug/Kg	09/01/17 22:55	09/07/17 01:07	1	
Dibromomethane	ND		11	0.98	ug/Kg	09/01/17 22:55	09/07/17 01:07	1	
Dichlorodifluoromethane	ND		11	0.90	ug/Kg	09/01/17 22:55	09/07/17 01:07	1	
1,1-Dichloroethane	ND		5.7	0.78	ug/Kg	09/01/17 22:55	09/07/17 01:07	1	
1,2-Dichloroethane	ND		5.7	0.87	ug/Kg	09/01/17 22:55	09/07/17 01:07	1	
1,1-Dichloroethene	ND		5.7	0.71	ug/Kg	09/01/17 22:55	09/07/17 01:07	1	
cis-1,2-Dichloroethene	ND		5.7	0.78	ug/Kg	09/01/17 22:55	09/07/17 01:07	1	
trans-1,2-Dichloroethene	ND		5.7	0.86	ug/Kg	09/01/17 22:55	09/07/17 01:07	1	
1,2-Dichloropropane	ND		5.7	0.72	ug/Kg	09/01/17 22:55	09/07/17 01:07	1	
cis-1,3-Dichloropropene	ND		5.7	0.79	ug/Kg	09/01/17 22:55	09/07/17 01:07	1	
trans-1,3-Dichloropropene	ND		5.7	0.77	ug/Kg	09/01/17 22:55	09/07/17 01:07	1	
Ethylbenzene	ND		5.7	0.86	ug/Kg	09/01/17 22:55	09/07/17 01:07	1	
Hexachlorobutadiene	ND *		5.7	1.0	ug/Kg	09/01/17 22:55	09/07/17 01:07	1	
2-Hexanone	ND		57	11	ug/Kg	09/01/17 22:55	09/07/17 01:07	1	
Isopropylbenzene	ND		5.7	0.78	ug/Kg	09/01/17 22:55	09/07/17 01:07	1	
4-Isopropyltoluene	ND *		5.7	2.9	ug/Kg	09/01/17 22:55	09/07/17 01:07	1	
Methylene Chloride	ND		11	4.6	ug/Kg	09/01/17 22:55	09/07/17 01:07	1	
4-Methyl-2-pentanone (MIBK)	ND		57	11	ug/Kg	09/01/17 22:55	09/07/17 01:07	1	
Naphthalene	ND *		11	1.7	ug/Kg	09/01/17 22:55	09/07/17 01:07	1	
N-Propylbenzene	ND *		5.7	0.75	ug/Kg	09/01/17 22:55	09/07/17 01:07	1	
Styrene	ND		5.7	0.72	ug/Kg	09/01/17 22:55	09/07/17 01:07	1	
1,1,1,2-Tetrachloroethane	ND		5.7	0.87	ug/Kg	09/01/17 22:55	09/07/17 01:07	1	

TestAmerica Pleasanton

# Client Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

**Client Sample ID: SB-03-SO-16**

**Lab Sample ID: 720-81635-19**

Date Collected: 09/01/17 08:20

Matrix: Solid

Date Received: 09/01/17 17:00

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
1,1,2,2-Tetrachloroethane	ND *		5.7	0.86	ug/Kg		09/01/17 22:55	09/07/17 01:07	1	
Tetrachloroethene	ND		5.7	0.77	ug/Kg		09/01/17 22:55	09/07/17 01:07	1	
Toluene	ND		5.7	0.81	ug/Kg		09/01/17 22:55	09/07/17 01:07	1	
1,2,3-Trichlorobenzene	ND *		5.7	0.85	ug/Kg		09/01/17 22:55	09/07/17 01:07	1	
1,2,4-Trichlorobenzene	ND *		5.7	0.81	ug/Kg		09/01/17 22:55	09/07/17 01:07	1	
1,1,1-Trichloroethane	ND		5.7	0.70	ug/Kg		09/01/17 22:55	09/07/17 01:07	1	
1,1,2-Trichloroethane	ND		5.7	0.80	ug/Kg		09/01/17 22:55	09/07/17 01:07	1	
Trichloroethene	ND		5.7	0.72	ug/Kg		09/01/17 22:55	09/07/17 01:07	1	
Trichlorofluoromethane	ND		5.7	0.64	ug/Kg		09/01/17 22:55	09/07/17 01:07	1	
1,2,3-Trichloropropane	ND *		5.7	0.88	ug/Kg		09/01/17 22:55	09/07/17 01:07	1	
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.7	2.4	ug/Kg		09/01/17 22:55	09/07/17 01:07	1	
1,2,4-Trimethylbenzene	ND *		5.7	1.9	ug/Kg		09/01/17 22:55	09/07/17 01:07	1	
1,3,5-Trimethylbenzene	ND *		5.7	0.74	ug/Kg		09/01/17 22:55	09/07/17 01:07	1	
Vinyl acetate	ND		23	5.7	ug/Kg		09/01/17 22:55	09/07/17 01:07	1	
Vinyl chloride	ND		5.7	0.83	ug/Kg		09/01/17 22:55	09/07/17 01:07	1	
Xylenes, Total	ND		11	1.4	ug/Kg		09/01/17 22:55	09/07/17 01:07	1	
2,2-Dichloropropane	ND		5.7	2.3	ug/Kg		09/01/17 22:55	09/07/17 01:07	1	
Gasoline Range Organics (GRO) -C5-C12	ND		290	110	ug/Kg		09/01/17 22:55	09/07/17 01:07	1	
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>	
4-Bromofluorobenzene	88		45 - 131					09/01/17 22:55	09/07/17 01:07	1
1,2-Dichloroethane-d4 (Surr)	129		60 - 140					09/01/17 22:55	09/07/17 01:07	1
Toluene-d8 (Surr)	96		58 - 140					09/01/17 22:55	09/07/17 01:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Diesel Range Organics [C10-C28]	7.1		1.0		mg/Kg		09/06/17 14:54	09/07/17 13:52	1	
Motor Oil Range Organics [C24-C36]	ND		50		mg/Kg		09/06/17 14:54	09/07/17 13:52	1	
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>	
p-Terphenyl	84		40 - 130					09/06/17 14:54	09/07/17 13:52	1

## Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.0		mg/Kg		09/02/17 09:04	09/05/17 10:58	4
Arsenic	2.2		2.1		mg/Kg		09/02/17 09:04	09/05/17 10:58	4
Barium	100		1.0		mg/Kg		09/02/17 09:04	09/05/17 10:58	4
Beryllium	0.48		0.21		mg/Kg		09/02/17 09:04	09/05/17 10:58	4
Cadmium	ND		0.26		mg/Kg		09/02/17 09:04	09/05/17 10:58	4
Chromium	51		1.0		mg/Kg		09/02/17 09:04	09/05/17 10:58	4
Cobalt	8.7		0.41		mg/Kg		09/02/17 09:04	09/05/17 10:58	4
Copper	27		3.1		mg/Kg		09/02/17 09:04	09/05/17 10:58	4
Lead	5.6		1.0		mg/Kg		09/02/17 09:04	09/05/17 10:58	4
Molybdenum	ND		1.0		mg/Kg		09/02/17 09:04	09/05/17 10:58	4
Nickel	66		1.0		mg/Kg		09/02/17 09:04	09/05/17 10:58	4
Selenium	ND		2.1		mg/Kg		09/02/17 09:04	09/05/17 10:58	4
Silver	ND		0.52		mg/Kg		09/02/17 09:04	09/05/17 10:58	4
Thallium	10		1.0		mg/Kg		09/02/17 09:04	09/05/17 10:58	4
Vanadium	41		1.0		mg/Kg		09/02/17 09:04	09/05/17 10:58	4
Zinc	52		3.1		mg/Kg		09/02/17 09:04	09/05/17 10:58	4

TestAmerica Pleasanton

# Client Sample Results

Client: Haley & Aldrich, Inc.

Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

## Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.030		0.016		mg/Kg	D	09/06/17 10:03	09/06/17 13:53	1

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TestAmerica Pleasanton

# Client Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

**Client Sample ID: SB-02-GW-15-20**

Date Collected: 09/01/17 08:30

Date Received: 09/01/17 17:00

**Lab Sample ID: 720-81635-20**

Matrix: Water

**Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	0.72		0.50	0.069	ug/L			09/06/17 15:49	1
Acetone	ND		50	20	ug/L			09/06/17 15:49	1
Benzene	ND		0.50	0.25	ug/L			09/06/17 15:49	1
Dichlorobromomethane	ND		0.50	0.20	ug/L			09/06/17 15:49	1
Bromobenzene	ND		1.0	0.20	ug/L			09/06/17 15:49	1
Chlorobromomethane	ND		1.0	0.25	ug/L			09/06/17 15:49	1
Bromoform	ND		1.0	0.50	ug/L			09/06/17 15:49	1
Bromomethane	ND		1.0	0.49	ug/L			09/06/17 15:49	1
2-Butanone (MEK)	ND		50	8.4	ug/L			09/06/17 15:49	1
n-Butylbenzene	ND		1.0	0.30	ug/L			09/06/17 15:49	1
sec-Butylbenzene	ND		1.0	0.17	ug/L			09/06/17 15:49	1
tert-Butylbenzene	ND		1.0	0.20	ug/L			09/06/17 15:49	1
Carbon disulfide	ND		5.0	0.78	ug/L			09/06/17 15:49	1
Carbon tetrachloride	ND		0.50	0.11	ug/L			09/06/17 15:49	1
Chlorobenzene	ND		0.50	0.13	ug/L			09/06/17 15:49	1
Chloroethane	ND		1.0	0.17	ug/L			09/06/17 15:49	1
Chloroform	ND		1.0	0.40	ug/L			09/06/17 15:49	1
Chloromethane	ND		1.0	0.19	ug/L			09/06/17 15:49	1
2-Chlorotoluene	ND		0.50	0.20	ug/L			09/06/17 15:49	1
4-Chlorotoluene	ND		0.50	0.20	ug/L			09/06/17 15:49	1
Chlorodibromomethane	ND		0.50	0.10	ug/L			09/06/17 15:49	1
1,2-Dichlorobenzene	ND		0.50	0.21	ug/L			09/06/17 15:49	1
1,3-Dichlorobenzene	ND		0.50	0.20	ug/L			09/06/17 15:49	1
1,4-Dichlorobenzene	ND		0.50	0.16	ug/L			09/06/17 15:49	1
1,3-Dichloropropane	ND		1.0	0.17	ug/L			09/06/17 15:49	1
1,1-Dichloropropene	ND		0.50	0.20	ug/L			09/06/17 15:49	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.30	ug/L			09/06/17 15:49	1
Ethylene Dibromide	ND		0.50	0.075	ug/L			09/06/17 15:49	1
Dibromomethane	ND		0.50	0.30	ug/L			09/06/17 15:49	1
Dichlorodifluoromethane	ND		0.50	0.25	ug/L			09/06/17 15:49	1
<b>1,1-Dichloroethane</b>	<b>9.5</b>		0.50	0.11	ug/L			09/06/17 15:49	1
1,2-Dichloroethane	ND		0.50	0.077	ug/L			09/06/17 15:49	1
<b>1,1-Dichloroethene</b>	<b>0.78</b>		0.50	0.20	ug/L			09/06/17 15:49	1
cis-1,2-Dichloroethene	ND		0.50	0.076	ug/L			09/06/17 15:49	1
trans-1,2-Dichloroethene	ND		0.50	0.13	ug/L			09/06/17 15:49	1
1,2-Dichloropropane	ND		0.50	0.20	ug/L			09/06/17 15:49	1
cis-1,3-Dichloropropene	ND		0.50	0.10	ug/L			09/06/17 15:49	1
trans-1,3-Dichloropropene	ND		0.50	0.17	ug/L			09/06/17 15:49	1
Ethylbenzene	ND		0.50	0.13	ug/L			09/06/17 15:49	1
Hexachlorobutadiene	ND		1.0	0.27	ug/L			09/06/17 15:49	1
2-Hexanone	ND		50	3.0	ug/L			09/06/17 15:49	1
Isopropylbenzene	ND		0.50	0.20	ug/L			09/06/17 15:49	1
4-Isopropyltoluene	ND		1.0	0.20	ug/L			09/06/17 15:49	1
Methylene Chloride	ND		5.0	1.5	ug/L			09/06/17 15:49	1
4-Methyl-2-pentanone (MIBK)	ND		50	4.5	ug/L			09/06/17 15:49	1
Naphthalene	ND		1.0	0.22	ug/L			09/06/17 15:49	1
N-Propylbenzene	ND		1.0	0.20	ug/L			09/06/17 15:49	1
Styrene	ND		0.50	0.075	ug/L			09/06/17 15:49	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.067	ug/L			09/06/17 15:49	1

TestAmerica Pleasanton

# Client Sample Results

Client: Haley & Aldrich, Inc.

Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

**Client Sample ID: SB-02-GW-15-20**

**Date Collected: 09/01/17 08:30**

**Date Received: 09/01/17 17:00**

**Lab Sample ID: 720-81635-20**

**Matrix: Water**

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		0.50	0.074	ug/L			09/06/17 15:49	1
Tetrachloroethene	ND		0.50	0.20	ug/L			09/06/17 15:49	1
Toluene	ND		0.50	0.17	ug/L			09/06/17 15:49	1
1,2,3-Trichlorobenzene	ND		1.0	0.21	ug/L			09/06/17 15:49	1
1,2,4-Trichlorobenzene	ND		1.0	0.13	ug/L			09/06/17 15:49	1
<b>1,1,1-Trichloroethane</b>	<b>0.86</b>		0.50	0.20	ug/L			09/06/17 15:49	1
1,1,2-Trichloroethane	ND		0.50	0.11	ug/L			09/06/17 15:49	1
Trichloroethene	ND		0.50	0.20	ug/L			09/06/17 15:49	1
Trichlorofluoromethane	ND		1.0	0.30	ug/L			09/06/17 15:49	1
1,2,3-Trichloropropane	ND		0.50	0.087	ug/L			09/06/17 15:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.091	ug/L			09/06/17 15:49	1
1,2,4-Trimethylbenzene	ND		0.50	0.20	ug/L			09/06/17 15:49	1
1,3,5-Trimethylbenzene	ND		0.50	0.17	ug/L			09/06/17 15:49	1
Vinyl acetate	ND		10	0.60	ug/L			09/06/17 15:49	1
Vinyl chloride	ND		0.50	0.20	ug/L			09/06/17 15:49	1
Xylenes, Total	ND		1.0	0.40	ug/L			09/06/17 15:49	1
2,2-Dichloropropane	ND		0.50	0.17	ug/L			09/06/17 15:49	1
Gasoline Range Organics (GRO) -C5-C12	ND		50	21	ug/L			09/06/17 15:49	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>			<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>	
4-Bromofluorobenzene	96		67 - 130					1	
1,2-Dichloroethane-d4 (Surr)	96		72 - 130					1	
Toluene-d8 (Surr)	100		70 - 130					1	

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		2.4	1.2	ug/L		09/06/17 17:06	09/07/17 02:11	1
Bis(2-chloroethyl)ether	ND		2.4	0.36	ug/L		09/06/17 17:06	09/07/17 02:11	1
2-Chlorophenol	ND		4.8	0.47	ug/L		09/06/17 17:06	09/07/17 02:11	1
1,3-Dichlorobenzene	ND		2.4	1.2	ug/L		09/06/17 17:06	09/07/17 02:11	1
1,4-Dichlorobenzene	ND		2.4	0.32	ug/L		09/06/17 17:06	09/07/17 02:11	1
Benzyl alcohol	ND		6.0	1.2	ug/L		09/06/17 17:06	09/07/17 02:11	1
1,2-Dichlorobenzene	ND		2.4	0.31	ug/L		09/06/17 17:06	09/07/17 02:11	1
2-Methylphenol	ND		4.8	0.46	ug/L		09/06/17 17:06	09/07/17 02:11	1
4-Methylphenol	ND		9.6	0.78	ug/L		09/06/17 17:06	09/07/17 02:11	1
N-Nitrosodi-n-propylamine	ND		2.4	0.48	ug/L		09/06/17 17:06	09/07/17 02:11	1
Hexachloroethane	ND		2.4	1.2	ug/L		09/06/17 17:06	09/07/17 02:11	1
Nitrobenzene	ND		2.4	0.43	ug/L		09/06/17 17:06	09/07/17 02:11	1
Isophorone	ND		4.8	0.72	ug/L		09/06/17 17:06	09/07/17 02:11	1
2-Nitrophenol	ND		2.4	1.2	ug/L		09/06/17 17:06	09/07/17 02:11	1
2,4-Dimethylphenol	ND		3.6	2.3	ug/L		09/06/17 17:06	09/07/17 02:11	1
Bis(2-chloroethoxy)methane	ND		6.0	1.2	ug/L		09/06/17 17:06	09/07/17 02:11	1
2,4-Dichlorophenol	ND		6.0	0.35	ug/L		09/06/17 17:06	09/07/17 02:11	1
1,2,4-Trichlorobenzene	ND		2.4	0.54	ug/L		09/06/17 17:06	09/07/17 02:11	1
Naphthalene	ND		2.4	1.2	ug/L		09/06/17 17:06	09/07/17 02:11	1
4-Chloroaniline	ND		2.4	0.33	ug/L		09/06/17 17:06	09/07/17 02:11	1
Hexachlorobutadiene	ND		2.4	0.61	ug/L		09/06/17 17:06	09/07/17 02:11	1
4-Chloro-3-methylphenol	ND		6.0	1.2	ug/L		09/06/17 17:06	09/07/17 02:11	1
2-Methylnaphthalene	ND		2.4	1.2	ug/L		09/06/17 17:06	09/07/17 02:11	1

TestAmerica Pleasanton

# Client Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

**Client Sample ID: SB-02-GW-15-20**

**Lab Sample ID: 720-81635-20**

**Matrix: Water**

Date Collected: 09/01/17 08:30  
Date Received: 09/01/17 17:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorocyclopentadiene	ND		12	6.0	ug/L		09/06/17 17:06	09/07/17 02:11	1
2,4,6-Trichlorophenol	ND		2.4	0.61	ug/L		09/06/17 17:06	09/07/17 02:11	1
2,4,5-Trichlorophenol	ND		4.8	0.44	ug/L		09/06/17 17:06	09/07/17 02:11	1
2-Chloronaphthalene	ND		4.8	0.54	ug/L		09/06/17 17:06	09/07/17 02:11	1
2-Nitroaniline	ND		12	1.2	ug/L		09/06/17 17:06	09/07/17 02:11	1
Dimethyl phthalate	ND		6.0	0.55	ug/L		09/06/17 17:06	09/07/17 02:11	1
Acenaphthylene	ND		4.8	0.52	ug/L		09/06/17 17:06	09/07/17 02:11	1
3-Nitroaniline	ND		6.0	1.1	ug/L		09/06/17 17:06	09/07/17 02:11	1
Acenaphthene	ND		2.4	0.34	ug/L		09/06/17 17:06	09/07/17 02:11	1
2,4-Dinitrophenol	ND		24	12	ug/L		09/06/17 17:06	09/07/17 02:11	1
4-Nitrophenol	ND		12	2.4	ug/L		09/06/17 17:06	09/07/17 02:11	1
Dibenzofuran	ND		4.8	0.61	ug/L		09/06/17 17:06	09/07/17 02:11	1
2,4-Dinitrotoluene	ND		4.8	0.43	ug/L		09/06/17 17:06	09/07/17 02:11	1
2,6-Dinitrotoluene	ND		6.0	0.50	ug/L		09/06/17 17:06	09/07/17 02:11	1
Diethyl phthalate	ND		6.0	0.69	ug/L		09/06/17 17:06	09/07/17 02:11	1
4-Chlorophenyl phenyl ether	ND		6.0	0.46	ug/L		09/06/17 17:06	09/07/17 02:11	1
Fluorene	ND		4.8	0.59	ug/L		09/06/17 17:06	09/07/17 02:11	1
4-Nitroaniline	ND		12	2.4	ug/L		09/06/17 17:06	09/07/17 02:11	1
2-Methyl-4,6-dinitrophenol	ND		12	2.4	ug/L		09/06/17 17:06	09/07/17 02:11	1
N-Nitrosodiphenylamine	ND		2.4	0.43	ug/L		09/06/17 17:06	09/07/17 02:11	1
4-Bromophenyl phenyl ether	ND		6.0	0.33	ug/L		09/06/17 17:06	09/07/17 02:11	1
Hexachlorobenzene	ND		2.4	0.39	ug/L		09/06/17 17:06	09/07/17 02:11	1
Pentachlorophenol	ND		12	0.96	ug/L		09/06/17 17:06	09/07/17 02:11	1
Phenanthrene	ND		2.4	0.41	ug/L		09/06/17 17:06	09/07/17 02:11	1
Anthracene	ND		2.4	0.35	ug/L		09/06/17 17:06	09/07/17 02:11	1
Di-n-butyl phthalate	ND		6.0	0.45	ug/L		09/06/17 17:06	09/07/17 02:11	1
Fluoranthene	ND		2.4	1.2	ug/L		09/06/17 17:06	09/07/17 02:11	1
Pyrene	ND		2.4	0.38	ug/L		09/06/17 17:06	09/07/17 02:11	1
Butyl benzyl phthalate	ND		6.0	0.36	ug/L		09/06/17 17:06	09/07/17 02:11	1
3,3'-Dichlorobenzidine	ND		6.0	1.2	ug/L		09/06/17 17:06	09/07/17 02:11	1
Benzo[a]anthracene	ND		6.0	0.78	ug/L		09/06/17 17:06	09/07/17 02:11	1
Bis(2-ethylhexyl) phthalate	ND		12	1.8	ug/L		09/06/17 17:06	09/07/17 02:11	1
Chrysene	ND		2.4	1.2	ug/L		09/06/17 17:06	09/07/17 02:11	1
Di-n-octyl phthalate	ND		6.0	0.77	ug/L		09/06/17 17:06	09/07/17 02:11	1
Benzo[b]fluoranthene	ND		2.4	0.41	ug/L		09/06/17 17:06	09/07/17 02:11	1
Benzo[a]pyrene	ND		2.4	1.2	ug/L		09/06/17 17:06	09/07/17 02:11	1
Benzo[k]fluoranthene	ND		2.4	0.37	ug/L		09/06/17 17:06	09/07/17 02:11	1
Indeno[1,2,3-cd]pyrene	ND		2.4	0.47	ug/L		09/06/17 17:06	09/07/17 02:11	1
Benzo[g,h,i]perylene	ND		2.4	0.45	ug/L		09/06/17 17:06	09/07/17 02:11	1
Benzoic acid	ND		24	12	ug/L		09/06/17 17:06	09/07/17 02:11	1
Azobenzene	ND		2.4	0.36	ug/L		09/06/17 17:06	09/07/17 02:11	1
Dibenzo(a,h)anthracene	ND		2.4	0.48	ug/L		09/06/17 17:06	09/07/17 02:11	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>		<b>Limits</b>			<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
Nitrobenzene-d5	57			11 - 92			09/06/17 17:06	09/07/17 02:11	1
2-Fluorobiphenyl	60			10 - 101			09/06/17 17:06	09/07/17 02:11	1
Terphenyl-d14	68			34 - 128			09/06/17 17:06	09/07/17 02:11	1
2-Fluorophenol	33			10 - 65			09/06/17 17:06	09/07/17 02:11	1
Phenol-d5	25			10 - 46			09/06/17 17:06	09/07/17 02:11	1
2,4,6-Tribromophenol	90			17 - 115			09/06/17 17:06	09/07/17 02:11	1

TestAmerica Pleasanton

# Client Sample Results

Client: Haley & Aldrich, Inc.

Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	91		59		ug/L		09/01/17 21:48	09/02/17 16:35	1
Motor Oil Range Organics [C24-C36]	120		120		ug/L		09/01/17 21:48	09/02/17 16:35	1
<b>Surrogate</b>									
p-Terphenyl	72		23 - 156				09/01/17 21:48	09/02/17 16:35	1

## Method: 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.010		mg/L		09/06/17 08:15	09/06/17 18:32	1
Arsenic	ND		0.010		mg/L		09/06/17 08:15	09/06/17 18:32	1
<b>Barium</b>	<b>0.13</b>		0.050		mg/L		09/06/17 08:15	09/06/17 18:32	1
Beryllium	ND		0.0020		mg/L		09/06/17 08:15	09/06/17 18:32	1
Cadmium	ND		0.0020		mg/L		09/06/17 08:15	09/06/17 18:32	1
Chromium	ND		0.010		mg/L		09/06/17 08:15	09/06/17 18:32	1
Cobalt	ND		0.0020		mg/L		09/06/17 08:15	09/06/17 18:32	1
Copper	ND		0.020		mg/L		09/06/17 08:15	09/06/17 18:32	1
Lead	ND		0.0050		mg/L		09/06/17 08:15	09/06/17 19:36	1
Molybdenum	ND		0.010		mg/L		09/06/17 08:15	09/06/17 18:32	1
Nickel	ND		0.010		mg/L		09/06/17 08:15	09/06/17 18:32	1
Selenium	ND		0.020		mg/L		09/06/17 08:15	09/06/17 18:32	1
Silver	ND		0.0050		mg/L		09/06/17 08:15	09/06/17 18:32	1
Thallium	ND		0.010		mg/L		09/06/17 08:15	09/06/17 18:32	1
Vanadium	ND		0.010		mg/L		09/06/17 08:15	09/06/17 18:32	1
Zinc	ND		0.020		mg/L		09/06/17 08:15	09/06/17 18:32	1

## Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		09/07/17 08:53	09/07/17 14:34	1

TestAmerica Pleasanton

# Client Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

**Client Sample ID: SB-03-GW-15-20**

**Date Collected: 09/01/17 09:00**

**Date Received: 09/01/17 17:00**

**Lab Sample ID: 720-81635-21**

**Matrix: Water**

**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	0.069	ug/L			09/06/17 16:18	1
Acetone	ND		50	20	ug/L			09/06/17 16:18	1
Benzene	ND		0.50	0.25	ug/L			09/06/17 16:18	1
Dichlorobromomethane	ND		0.50	0.20	ug/L			09/06/17 16:18	1
Bromobenzene	ND		1.0	0.20	ug/L			09/06/17 16:18	1
Chlorobromomethane	ND		1.0	0.25	ug/L			09/06/17 16:18	1
Bromoform	ND		1.0	0.50	ug/L			09/06/17 16:18	1
Bromomethane	ND		1.0	0.49	ug/L			09/06/17 16:18	1
2-Butanone (MEK)	ND		50	8.4	ug/L			09/06/17 16:18	1
n-Butylbenzene	ND		1.0	0.30	ug/L			09/06/17 16:18	1
sec-Butylbenzene	ND		1.0	0.17	ug/L			09/06/17 16:18	1
tert-Butylbenzene	ND		1.0	0.20	ug/L			09/06/17 16:18	1
Carbon disulfide	ND		5.0	0.78	ug/L			09/06/17 16:18	1
Carbon tetrachloride	ND		0.50	0.11	ug/L			09/06/17 16:18	1
Chlorobenzene	ND		0.50	0.13	ug/L			09/06/17 16:18	1
Chloroethane	ND		1.0	0.17	ug/L			09/06/17 16:18	1
Chloroform	ND		1.0	0.40	ug/L			09/06/17 16:18	1
Chloromethane	ND		1.0	0.19	ug/L			09/06/17 16:18	1
2-Chlorotoluene	ND		0.50	0.20	ug/L			09/06/17 16:18	1
4-Chlorotoluene	ND		0.50	0.20	ug/L			09/06/17 16:18	1
Chlorodibromomethane	ND		0.50	0.10	ug/L			09/06/17 16:18	1
1,2-Dichlorobenzene	ND		0.50	0.21	ug/L			09/06/17 16:18	1
1,3-Dichlorobenzene	ND		0.50	0.20	ug/L			09/06/17 16:18	1
1,4-Dichlorobenzene	ND		0.50	0.16	ug/L			09/06/17 16:18	1
1,3-Dichloropropane	ND		1.0	0.17	ug/L			09/06/17 16:18	1
1,1-Dichloropropene	ND		0.50	0.20	ug/L			09/06/17 16:18	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.30	ug/L			09/06/17 16:18	1
Ethylene Dibromide	ND		0.50	0.075	ug/L			09/06/17 16:18	1
Dibromomethane	ND		0.50	0.30	ug/L			09/06/17 16:18	1
Dichlorodifluoromethane	ND		0.50	0.25	ug/L			09/06/17 16:18	1
1,1-Dichloroethane	ND		0.50	0.11	ug/L			09/06/17 16:18	1
1,2-Dichloroethane	ND		0.50	0.077	ug/L			09/06/17 16:18	1
1,1-Dichloroethene	ND		0.50	0.20	ug/L			09/06/17 16:18	1
cis-1,2-Dichloroethene	ND		0.50	0.076	ug/L			09/06/17 16:18	1
trans-1,2-Dichloroethene	ND		0.50	0.13	ug/L			09/06/17 16:18	1
1,2-Dichloropropane	ND		0.50	0.20	ug/L			09/06/17 16:18	1
cis-1,3-Dichloropropene	ND		0.50	0.10	ug/L			09/06/17 16:18	1
trans-1,3-Dichloropropene	ND		0.50	0.17	ug/L			09/06/17 16:18	1
Ethylbenzene	ND		0.50	0.13	ug/L			09/06/17 16:18	1
Hexachlorobutadiene	ND		1.0	0.27	ug/L			09/06/17 16:18	1
2-Hexanone	ND		50	3.0	ug/L			09/06/17 16:18	1
Isopropylbenzene	ND		0.50	0.20	ug/L			09/06/17 16:18	1
4-Isopropyltoluene	ND		1.0	0.20	ug/L			09/06/17 16:18	1
Methylene Chloride	ND		5.0	1.5	ug/L			09/06/17 16:18	1
4-Methyl-2-pentanone (MIBK)	ND		50	4.5	ug/L			09/06/17 16:18	1
Naphthalene	ND		1.0	0.22	ug/L			09/06/17 16:18	1
N-Propylbenzene	ND		1.0	0.20	ug/L			09/06/17 16:18	1
Styrene	ND		0.50	0.075	ug/L			09/06/17 16:18	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.067	ug/L			09/06/17 16:18	1

TestAmerica Pleasanton

# Client Sample Results

Client: Haley & Aldrich, Inc.

Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

**Client Sample ID: SB-03-GW-15-20**

**Lab Sample ID: 720-81635-21**

**Matrix: Water**

Date Collected: 09/01/17 09:00

Date Received: 09/01/17 17:00

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		0.50	0.074	ug/L			09/06/17 16:18	1
Tetrachloroethene	ND		0.50	0.20	ug/L			09/06/17 16:18	1
Toluene	ND		0.50	0.17	ug/L			09/06/17 16:18	1
1,2,3-Trichlorobenzene	ND		1.0	0.21	ug/L			09/06/17 16:18	1
1,2,4-Trichlorobenzene	ND		1.0	0.13	ug/L			09/06/17 16:18	1
1,1,1-Trichloroethane	ND		0.50	0.20	ug/L			09/06/17 16:18	1
1,1,2-Trichloroethane	ND		0.50	0.11	ug/L			09/06/17 16:18	1
Trichloroethene	ND		0.50	0.20	ug/L			09/06/17 16:18	1
Trichlorofluoromethane	ND		1.0	0.30	ug/L			09/06/17 16:18	1
1,2,3-Trichloropropane	ND		0.50	0.087	ug/L			09/06/17 16:18	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.091	ug/L			09/06/17 16:18	1
1,2,4-Trimethylbenzene	ND		0.50	0.20	ug/L			09/06/17 16:18	1
1,3,5-Trimethylbenzene	ND		0.50	0.17	ug/L			09/06/17 16:18	1
Vinyl acetate	ND		10	0.60	ug/L			09/06/17 16:18	1
Vinyl chloride	ND		0.50	0.20	ug/L			09/06/17 16:18	1
Xylenes, Total	ND		1.0	0.40	ug/L			09/06/17 16:18	1
2,2-Dichloropropane	ND		0.50	0.17	ug/L			09/06/17 16:18	1
Gasoline Range Organics (GRO) -C5-C12	ND		50	21	ug/L			09/06/17 16:18	1

## Surrogate

	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	93		67 - 130		09/06/17 16:18	1
1,2-Dichloroethane-d4 (Surr)	94		72 - 130		09/06/17 16:18	1
Toluene-d8 (Surr)	100		70 - 130		09/06/17 16:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		2.6	1.3	ug/L		09/06/17 17:06	09/07/17 02:34	1
Bis(2-chloroethyl)ether	ND		2.6	0.39	ug/L		09/06/17 17:06	09/07/17 02:34	1
2-Chlorophenol	ND		5.2	0.50	ug/L		09/06/17 17:06	09/07/17 02:34	1
1,3-Dichlorobenzene	ND		2.6	1.3	ug/L		09/06/17 17:06	09/07/17 02:34	1
1,4-Dichlorobenzene	ND		2.6	0.35	ug/L		09/06/17 17:06	09/07/17 02:34	1
Benzyl alcohol	ND		6.4	1.3	ug/L		09/06/17 17:06	09/07/17 02:34	1
1,2-Dichlorobenzene	ND		2.6	0.33	ug/L		09/06/17 17:06	09/07/17 02:34	1
2-Methylphenol	ND		5.2	0.49	ug/L		09/06/17 17:06	09/07/17 02:34	1
4-Methylphenol	ND		10	0.84	ug/L		09/06/17 17:06	09/07/17 02:34	1
N-Nitrosodi-n-propylamine	ND		2.6	0.52	ug/L		09/06/17 17:06	09/07/17 02:34	1
Hexachloroethane	ND		2.6	1.3	ug/L		09/06/17 17:06	09/07/17 02:34	1
Nitrobenzene	ND		2.6	0.46	ug/L		09/06/17 17:06	09/07/17 02:34	1
Isophorone	ND		5.2	0.77	ug/L		09/06/17 17:06	09/07/17 02:34	1
2-Nitrophenol	ND		2.6	1.3	ug/L		09/06/17 17:06	09/07/17 02:34	1
2,4-Dimethylphenol	ND		3.9	2.5	ug/L		09/06/17 17:06	09/07/17 02:34	1
Bis(2-chloroethoxy)methane	ND		6.4	1.3	ug/L		09/06/17 17:06	09/07/17 02:34	1
2,4-Dichlorophenol	ND		6.4	0.38	ug/L		09/06/17 17:06	09/07/17 02:34	1
1,2,4-Trichlorobenzene	ND		2.6	0.58	ug/L		09/06/17 17:06	09/07/17 02:34	1
Naphthalene	ND		2.6	1.3	ug/L		09/06/17 17:06	09/07/17 02:34	1
4-Chloroaniline	ND		2.6	0.35	ug/L		09/06/17 17:06	09/07/17 02:34	1
Hexachlorobutadiene	ND		2.6	0.66	ug/L		09/06/17 17:06	09/07/17 02:34	1
4-Chloro-3-methylphenol	ND		6.4	1.3	ug/L		09/06/17 17:06	09/07/17 02:34	1
2-Methylnaphthalene	ND		2.6	1.3	ug/L		09/06/17 17:06	09/07/17 02:34	1

TestAmerica Pleasanton

# Client Sample Results

Client: Haley & Aldrich, Inc.

Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

**Client Sample ID: SB-03-GW-15-20**

**Lab Sample ID: 720-81635-21**

**Matrix: Water**

Date Collected: 09/01/17 09:00

Date Received: 09/01/17 17:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorocyclopentadiene	ND		13	6.4	ug/L		09/06/17 17:06	09/07/17 02:34	1
2,4,6-Trichlorophenol	ND		2.6	0.66	ug/L		09/06/17 17:06	09/07/17 02:34	1
2,4,5-Trichlorophenol	ND		5.2	0.48	ug/L		09/06/17 17:06	09/07/17 02:34	1
2-Chloronaphthalene	ND		5.2	0.58	ug/L		09/06/17 17:06	09/07/17 02:34	1
2-Nitroaniline	ND		13	1.3	ug/L		09/06/17 17:06	09/07/17 02:34	1
Dimethyl phthalate	ND		6.4	0.60	ug/L		09/06/17 17:06	09/07/17 02:34	1
Acenaphthylene	ND		5.2	0.55	ug/L		09/06/17 17:06	09/07/17 02:34	1
3-Nitroaniline	ND		6.4	1.2	ug/L		09/06/17 17:06	09/07/17 02:34	1
Acenaphthene	ND		2.6	0.36	ug/L		09/06/17 17:06	09/07/17 02:34	1
2,4-Dinitrophenol	ND		26	13	ug/L		09/06/17 17:06	09/07/17 02:34	1
4-Nitrophenol	ND		13	2.6	ug/L		09/06/17 17:06	09/07/17 02:34	1
Dibenzofuran	ND		5.2	0.66	ug/L		09/06/17 17:06	09/07/17 02:34	1
2,4-Dinitrotoluene	ND		5.2	0.46	ug/L		09/06/17 17:06	09/07/17 02:34	1
2,6-Dinitrotoluene	ND		6.4	0.54	ug/L		09/06/17 17:06	09/07/17 02:34	1
Diethyl phthalate	ND		6.4	0.74	ug/L		09/06/17 17:06	09/07/17 02:34	1
4-Chlorophenyl phenyl ether	ND		6.4	0.49	ug/L		09/06/17 17:06	09/07/17 02:34	1
Fluorene	ND		5.2	0.63	ug/L		09/06/17 17:06	09/07/17 02:34	1
4-Nitroaniline	ND		13	2.6	ug/L		09/06/17 17:06	09/07/17 02:34	1
2-Methyl-4,6-dinitrophenol	ND		13	2.6	ug/L		09/06/17 17:06	09/07/17 02:34	1
N-Nitrosodiphenylamine	ND		2.6	0.46	ug/L		09/06/17 17:06	09/07/17 02:34	1
4-Bromophenyl phenyl ether	ND		6.4	0.35	ug/L		09/06/17 17:06	09/07/17 02:34	1
Hexachlorobenzene	ND		2.6	0.42	ug/L		09/06/17 17:06	09/07/17 02:34	1
Pentachlorophenol	ND		13	1.0	ug/L		09/06/17 17:06	09/07/17 02:34	1
Phenanthrene	ND		2.6	0.44	ug/L		09/06/17 17:06	09/07/17 02:34	1
Anthracene	ND		2.6	0.38	ug/L		09/06/17 17:06	09/07/17 02:34	1
Di-n-butyl phthalate	ND		6.4	0.48	ug/L		09/06/17 17:06	09/07/17 02:34	1
Fluoranthene	ND		2.6	1.3	ug/L		09/06/17 17:06	09/07/17 02:34	1
Pyrene	ND		2.6	0.41	ug/L		09/06/17 17:06	09/07/17 02:34	1
Butyl benzyl phthalate	ND		6.4	0.39	ug/L		09/06/17 17:06	09/07/17 02:34	1
3,3'-Dichlorobenzidine	ND		6.4	1.3	ug/L		09/06/17 17:06	09/07/17 02:34	1
Benzo[a]anthracene	ND		6.4	0.84	ug/L		09/06/17 17:06	09/07/17 02:34	1
Bis(2-ethylhexyl) phthalate	ND		13	1.9	ug/L		09/06/17 17:06	09/07/17 02:34	1
Chrysene	ND		2.6	1.3	ug/L		09/06/17 17:06	09/07/17 02:34	1
Di-n-octyl phthalate	ND		6.4	0.83	ug/L		09/06/17 17:06	09/07/17 02:34	1
Benzo[b]fluoranthene	ND		2.6	0.44	ug/L		09/06/17 17:06	09/07/17 02:34	1
Benzo[a]pyrene	ND		2.6	1.3	ug/L		09/06/17 17:06	09/07/17 02:34	1
Benzo[k]fluoranthene	ND		2.6	0.40	ug/L		09/06/17 17:06	09/07/17 02:34	1
Indeno[1,2,3-cd]pyrene	ND		2.6	0.50	ug/L		09/06/17 17:06	09/07/17 02:34	1
Benzo[g,h,i]perylene	ND		2.6	0.49	ug/L		09/06/17 17:06	09/07/17 02:34	1
Benzoic acid	ND		26	13	ug/L		09/06/17 17:06	09/07/17 02:34	1
Azobenzene	ND		2.6	0.38	ug/L		09/06/17 17:06	09/07/17 02:34	1
Dibenz(a,h)anthracene	ND		2.6	0.51	ug/L		09/06/17 17:06	09/07/17 02:34	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>		<b>Limits</b>			<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
Nitrobenzene-d5	45			11 - 92			09/06/17 17:06	09/07/17 02:34	1
2-Fluorobiphenyl	51			10 - 101			09/06/17 17:06	09/07/17 02:34	1
Terphenyl-d14	58			34 - 128			09/06/17 17:06	09/07/17 02:34	1
2-Fluorophenol	27			10 - 65			09/06/17 17:06	09/07/17 02:34	1
Phenol-d5	21			10 - 46			09/06/17 17:06	09/07/17 02:34	1
2,4,6-Tribromophenol	66			17 - 115			09/06/17 17:06	09/07/17 02:34	1

TestAmerica Pleasanton

# Client Sample Results

Client: Haley & Aldrich, Inc.

Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		58		ug/L		09/01/17 21:48	09/02/17 14:05	1
Motor Oil Range Organics [C24-C36]	ND		120		ug/L		09/01/17 21:48	09/02/17 14:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
p-Terphenyl	86		23 - 156				09/01/17 21:48	09/02/17 14:05	1

## Method: 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.010		mg/L		09/06/17 08:15	09/06/17 18:37	1
Arsenic	ND		0.010		mg/L		09/06/17 08:15	09/06/17 18:37	1
Barium	ND		0.050		mg/L		09/06/17 08:15	09/06/17 18:37	1
Beryllium	ND		0.0020		mg/L		09/06/17 08:15	09/06/17 18:37	1
Cadmium	ND		0.0020		mg/L		09/06/17 08:15	09/06/17 18:37	1
Chromium	ND		0.010		mg/L		09/06/17 08:15	09/06/17 18:37	1
<b>Cobalt</b>	<b>0.0026</b>		0.0020		mg/L		09/06/17 08:15	09/06/17 18:37	1
Copper	ND		0.020		mg/L		09/06/17 08:15	09/06/17 18:37	1
<b>Lead</b>	<b>0.012</b>		0.0050		mg/L		09/06/17 08:15	09/06/17 18:37	1
Molybdenum	ND		0.010		mg/L		09/06/17 08:15	09/06/17 18:37	1
Nickel	ND		0.010		mg/L		09/06/17 08:15	09/06/17 18:37	1
<b>Selenium</b>	<b>0.14</b>		0.020		mg/L		09/06/17 08:15	09/06/17 18:37	1
Silver	ND		0.0050		mg/L		09/06/17 08:15	09/06/17 18:37	1
Thallium	ND		0.010		mg/L		09/06/17 08:15	09/06/17 18:37	1
Vanadium	ND		0.010		mg/L		09/06/17 08:15	09/06/17 18:37	1
<b>Zinc</b>	<b>0.040</b>		0.020		mg/L		09/06/17 08:15	09/06/17 18:37	1

## Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		09/07/17 08:53	09/07/17 14:37	1

TestAmerica Pleasanton

# Surrogate Summary

Client: Haley & Aldrich, Inc.

Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		BFB (45-131)	12DCE (60-140)	TOL (58-140)
720-81635-18	SB-02-SO-15.5	95	111	103
LCS 720-229674/5	Lab Control Sample	109	109	109
LCS 720-229674/7	Lab Control Sample	108	113	109
LCSD 720-229674/6	Lab Control Sample Dup	103	110	108
LCSD 720-229674/8	Lab Control Sample Dup	109	111	109
MB 720-229674/4	Method Blank	105	111	107

### Surrogate Legend

BFB = 4-Bromofluorobenzene

12DCE = 1,2-Dichloroethane-d4 (Surr)

TOL = Toluene-d8 (Surr)

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		BFB (45-131)	12DCE (60-140)	TOL (58-140)
720-81635-1	SB-04-SO-3.0	81	103	91
720-81635-2	SB-05-SO-3.0	79	108	91
720-81635-3	SB-05-SO-5.0	95	119	100
720-81635-4	SB-04-SO-21	74	105	88
720-81635-5	SB-01-SO-1.5	96	107	105
720-81635-6	SB-01-SO-17	88	114	92
720-81635-8	SB-06-SO-1.0	87	120	92
720-81635-9	SB-06-SO-5.0	89	111	100
720-81635-10	SB-07-SO-1.0	98	119	104
720-81635-11	SB-07-SO-5.0	86	119	93
720-81635-12	SB-08-SO-1.5	90	120	101
720-81635-13	SB-08-SO-5.0	98	115	103
720-81635-14	SB-09-SO-2.5	90	127	100
720-81635-15	SB-09-SO-5.0	102	111	105
720-81635-16	SB-02-SO-1.5	82	123	99
720-81635-17	SB-03-SO-2.0	95	114	103
720-81635-19	SB-03-SO-16	88	129	96
LCS 720-229505/6	Lab Control Sample	102	98	109
LCS 720-229505/8	Lab Control Sample	108	101	110
LCS 720-229591/6	Lab Control Sample	104	100	110
LCS 720-229591/8	Lab Control Sample	109	102	110
LCS 720-229592/5	Lab Control Sample	99	102	97
LCS 720-229592/7	Lab Control Sample	99	106	98
LCS 720-229650/6	Lab Control Sample	107	106	108
LCS 720-229650/8	Lab Control Sample	107	107	108
LCSD 720-229505/7	Lab Control Sample Dup	105	99	109
LCSD 720-229505/9	Lab Control Sample Dup	109	103	111
LCSD 720-229591/7	Lab Control Sample Dup	105	99	110
LCSD 720-229591/9	Lab Control Sample Dup	108	105	109
LCSD 720-229592/6	Lab Control Sample Dup	99	103	98
LCSD 720-229592/8	Lab Control Sample Dup	101	104	99

TestAmerica Pleasanton

# Surrogate Summary

Client: Haley & Aldrich, Inc.

Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		BFB (45-131)	12DCE (60-140)	TOL (58-140)
LCSD 720-229650/7	Lab Control Sample Dup	104	105	108
LCSD 720-229650/9	Lab Control Sample Dup	106	106	109
MB 720-229505/10	Method Blank	104	100	109
MB 720-229591/5	Method Blank	107	101	109
MB 720-229592/4	Method Blank	93	107	95
MB 720-229650/5	Method Blank	131	107	115

### Surrogate Legend

BFB = 4-Bromofluorobenzene

12DCE = 1,2-Dichloroethane-d4 (Surr)

TOL = Toluene-d8 (Surr)

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		BFB (67-130)	12DCE (72-130)	TOL (70-130)
720-81635-7	SB-01-GW-15-20	90	87	97
720-81635-20	SB-02-GW-15-20	96	96	100
720-81635-21	SB-03-GW-15-20	93	94	100
LCS 720-229485/5	Lab Control Sample	89	77	97
LCS 720-229485/7	Lab Control Sample	91	78	98
LCS 720-229594/5	Lab Control Sample	93	92	101
LCS 720-229594/7	Lab Control Sample	94	93	101
LCSD 720-229485/6	Lab Control Sample Dup	89	74	97
LCSD 720-229485/8	Lab Control Sample Dup	91	78	97
LCSD 720-229594/6	Lab Control Sample Dup	92	91	101
LCSD 720-229594/8	Lab Control Sample Dup	95	93	101
MB 720-229485/4	Method Blank	89	77	97
MB 720-229594/4	Method Blank	88	92	98

### Surrogate Legend

BFB = 4-Bromofluorobenzene

12DCE = 1,2-Dichloroethane-d4 (Surr)

TOL = Toluene-d8 (Surr)

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		NBZ (21-98)	FBP (30-112)	TPH (59-134)	2FP (28-98)	PHL (23-101)	TBP (37-114)
720-81635-1	SB-04-SO-3.0	47	58	65	49	53	50
720-81635-2	SB-05-SO-3.0	48	59	64	51	56	40
720-81635-3	SB-05-SO-5.0	40	48	60	43	47	53
720-81635-5	SB-01-SO-1.5	34	31	65	42	47	48
720-81635-8	SB-06-SO-1.0	48	56	69	48	52	56
720-81635-9	SB-06-SO-5.0	36	49	69	42	52	63
720-81635-10	SB-07-SO-1.0	52	63	68	56	62	60

TestAmerica Pleasanton

# Surrogate Summary

Client: Haley & Aldrich, Inc.

Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

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

(Continued)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		NBZ (21-98)	FBP (30-112)	TPH (59-134)	2FP (28-98)	PHL (23-101)	TBP (37-114)
720-81635-11	SB-07-SO-5.0	55	68	84	57	64	70
720-81635-12	SB-08-SO-1.5	57	71	78	58	65	59
720-81635-13	SB-08-SO-5.0	36	47	69	36	43	53
720-81635-14	SB-09-SO-2.5	47	60	66	51	56	57
720-81635-15	SB-09-SO-5.0	54	66	82	61	65	73
720-81635-16	SB-02-SO-1.5	47	56	62	48	54	48
720-81635-17	SB-03-SO-2.0	25	33	70	28	31	48
LCS 720-229530/2-A	Lab Control Sample	60	67	86	61	66	82
LCSD 720-229530/3-A	Lab Control Sample Dup	58	66	80	61	64	77
MB 720-229530/1-A	Method Blank	56	65	78	61	63	69

### Surrogate Legend

NBZ = Nitrobenzene-d5

FBP = 2-Fluorobiphenyl

TPH = Terphenyl-d14

2FP = 2-Fluorophenol

PHL = Phenol-d5

TBP = 2,4,6-Tribromophenol

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		NBZ (11-92)	FBP (10-101)	TPH (34-128)	2FP (10-65)	PHL (10-46)	TBP (17-115)
720-81635-7	SB-01-GW-15-20	57	69	93	31	24	93
720-81635-20	SB-02-GW-15-20	57	60	68	33	25	90
720-81635-21	SB-03-GW-15-20	45	51	58	27	21	66
LCS 720-229653/2-A	Lab Control Sample	67	77	102	35	27	101
LCSD 720-229653/3-A	Lab Control Sample Dup	67	79	106	35	26	104
MB 720-229653/1-A	Method Blank	69	83	104	38	28	102

### Surrogate Legend

NBZ = Nitrobenzene-d5

FBP = 2-Fluorobiphenyl

TPH = Terphenyl-d14

2FP = 2-Fluorophenol

PHL = Phenol-d5

TBP = 2,4,6-Tribromophenol

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		PTP1 (40-130)					
720-81635-1	SB-04-SO-3.0	73					
720-81635-2	SB-05-SO-3.0	50					
720-81635-3	SB-05-SO-5.0	86					

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## Surrogate Summary

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

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

## **Matrix: Solid**

### **Prep Type: Total/NA**

Percent Surrogate Recovery (Acceptance Limits)		
Lab Sample ID	Client Sample ID	PTP1 (40-130)
720-81635-4	SB-04-SO-21	76
720-81635-5	SB-01-SO-1.5	71
720-81635-6	SB-01-SO-17	69
720-81635-8	SB-06-SO-1.0	67
720-81635-9	SB-06-SO-5.0	53
720-81635-10	SB-07-SO-1.0	50
720-81635-11	SB-07-SO-5.0	79
720-81635-12	SB-08-SO-1.5	40
720-81635-13	SB-08-SO-5.0	56
720-81635-14	SB-09-SO-2.5	52
720-81635-15	SB-09-SO-5.0	68
720-81635-16	SB-02-SO-1.5	44
720-81635-17	SB-03-SO-2.0	57
720-81635-18	SB-02-SO-15.5	95
720-81635-19	SB-03-SO-16	84
LCS 720-229636/2-A	Lab Control Sample	85
MB 720-229636/1-A	Method Blank	102

## Surrogate Legend

PTP = p-Terphenyl

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

## Matrix: Water

### **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	PTP1		PTP2				PTP3	
		(23-156)	81	72	86	90	94	81	
720-81635-7	SB-01-GW-15-20		81						
720-81635-20	SB-02-GW-15-20		72						
720-81635-21	SB-03-GW-15-20		86						
LCS 720-229482/2-A	Lab Control Sample		90						
LCSD 720-229482/3-A	Lab Control Sample Dup		94						
MB 720-229482/1-A	Method Blank		81						

## Surrogate Legend

PTP = p-Terphenyl

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

## **Matrix: Solid**

### **Prep Type: Total/NA**

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		TCX1 (45-132)	DCB1 (42-146)
720-81635-1	SB-04-SO-3.0	74	84
720-81635-2	SB-05-SO-3.0	75	83
720-81635-3	SB-05-SO-5.0	78	85
720-81635-5	SB-01-SO-1.5	78	90
720-81635-8	SB-06-SO-1.0	76	87
720-81635-9	SB-06-SO-5.0	87	118
720-81635-10	SB-07-SO-1.0	82	94

TestAmerica Pleasanton

# Surrogate Summary

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		TCX1 (45-132)	DCB1 (42-146)
720-81635-11	SB-07-SO-5.0	79	91
720-81635-12	SB-08-SO-1.5	86	82
720-81635-13	SB-08-SO-5.0	79	84
720-81635-14	SB-09-SO-2.5	77	78
720-81635-15	SB-09-SO-5.0	79	85
720-81635-16	SB-02-SO-1.5	81	84
720-81635-17	SB-03-SO-2.0	77	84
LCS 720-229537/2-A	Lab Control Sample	69	88
LCSD 720-229537/3-A	Lab Control Sample Dup	76	86
MB 720-229537/1-A	Method Blank	88	85

### Surrogate Legend

TCX = Tetrachloro-m-xylene

DCB = DCB Decachlorobiphenyl

# QC Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

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

**Lab Sample ID: MB 720-229674/4**

**Matrix: Solid**

**Analysis Batch: 229674**

**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	1.2	ug/Kg			09/07/17 10:04	1
Acetone	ND		50	38	ug/Kg			09/07/17 10:04	1
Benzene	ND		5.0	0.65	ug/Kg			09/07/17 10:04	1
Dichlorobromomethane	ND		5.0	0.72	ug/Kg			09/07/17 10:04	1
Bromobenzene	ND		5.0	0.79	ug/Kg			09/07/17 10:04	1
Chlorobromomethane	ND		20	0.72	ug/Kg			09/07/17 10:04	1
Bromoform	ND		5.0	2.0	ug/Kg			09/07/17 10:04	1
Bromomethane	ND		10	0.79	ug/Kg			09/07/17 10:04	1
2-Butanone (MEK)	ND		50	21	ug/Kg			09/07/17 10:04	1
n-Butylbenzene	ND		5.0	1.0	ug/Kg			09/07/17 10:04	1
sec-Butylbenzene	ND		5.0	0.72	ug/Kg			09/07/17 10:04	1
tert-Butylbenzene	ND		5.0	0.73	ug/Kg			09/07/17 10:04	1
Carbon disulfide	ND		5.0	2.0	ug/Kg			09/07/17 10:04	1
Carbon tetrachloride	ND		5.0	0.62	ug/Kg			09/07/17 10:04	1
Chlorobenzene	ND		5.0	0.69	ug/Kg			09/07/17 10:04	1
Chloroethane	ND		10	0.56	ug/Kg			09/07/17 10:04	1
Chloroform	ND		5.0	0.66	ug/Kg			09/07/17 10:04	1
Chloromethane	ND		10	0.72	ug/Kg			09/07/17 10:04	1
2-Chlorotoluene	ND		5.0	0.65	ug/Kg			09/07/17 10:04	1
4-Chlorotoluene	ND		5.0	0.68	ug/Kg			09/07/17 10:04	1
Chlorodibromomethane	ND		5.0	0.71	ug/Kg			09/07/17 10:04	1
1,2-Dichlorobenzene	ND		5.0	0.68	ug/Kg			09/07/17 10:04	1
1,3-Dichlorobenzene	ND		5.0	0.72	ug/Kg			09/07/17 10:04	1
1,4-Dichlorobenzene	ND		5.0	0.71	ug/Kg			09/07/17 10:04	1
1,3-Dichloropropane	ND		5.0	0.73	ug/Kg			09/07/17 10:04	1
1,1-Dichloropropene	ND		5.0	0.69	ug/Kg			09/07/17 10:04	1
1,2-Dibromo-3-Chloropropane	ND		10	1.7	ug/Kg			09/07/17 10:04	1
Ethylene Dibromide	ND		5.0	1.4	ug/Kg			09/07/17 10:04	1
Dibromomethane	ND		10	0.86	ug/Kg			09/07/17 10:04	1
Dichlorodifluoromethane	ND		10	0.79	ug/Kg			09/07/17 10:04	1
1,1-Dichloroethane	ND		5.0	0.68	ug/Kg			09/07/17 10:04	1
1,2-Dichloroethane	ND		5.0	0.76	ug/Kg			09/07/17 10:04	1
1,1-Dichloroethene	ND		5.0	0.62	ug/Kg			09/07/17 10:04	1
cis-1,2-Dichloroethene	ND		5.0	0.68	ug/Kg			09/07/17 10:04	1
trans-1,2-Dichloroethene	ND		5.0	0.75	ug/Kg			09/07/17 10:04	1
1,2-Dichloropropane	ND		5.0	0.63	ug/Kg			09/07/17 10:04	1
cis-1,3-Dichloropropene	ND		5.0	0.69	ug/Kg			09/07/17 10:04	1
trans-1,3-Dichloropropene	ND		5.0	0.67	ug/Kg			09/07/17 10:04	1
Ethylbenzene	ND		5.0	0.75	ug/Kg			09/07/17 10:04	1
Hexachlorobutadiene	ND		5.0	0.90	ug/Kg			09/07/17 10:04	1
2-Hexanone	ND		50	10	ug/Kg			09/07/17 10:04	1
Isopropylbenzene	ND		5.0	0.68	ug/Kg			09/07/17 10:04	1
4-Isopropyltoluene	ND		5.0	2.5	ug/Kg			09/07/17 10:04	1
Methylene Chloride	ND		10	4.0	ug/Kg			09/07/17 10:04	1
4-Methyl-2-pentanone (MIBK)	ND		50	10	ug/Kg			09/07/17 10:04	1
Naphthalene	ND		10	1.5	ug/Kg			09/07/17 10:04	1
N-Propylbenzene	ND		5.0	0.66	ug/Kg			09/07/17 10:04	1
Styrene	ND		5.0	0.63	ug/Kg			09/07/17 10:04	1

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# QC Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

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

**Lab Sample ID: MB 720-229674/4**

**Matrix: Solid**

**Analysis Batch: 229674**

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

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier									
1,1,1,2-Tetrachloroethane	ND				5.0	0.76	ug/Kg			09/07/17 10:04	1
1,1,2,2-Tetrachloroethane	ND				5.0	0.75	ug/Kg			09/07/17 10:04	1
Tetrachloroethene	ND				5.0	0.67	ug/Kg			09/07/17 10:04	1
Toluene	ND				5.0	0.71	ug/Kg			09/07/17 10:04	1
1,2,3-Trichlorobenzene	ND				5.0	0.74	ug/Kg			09/07/17 10:04	1
1,2,4-Trichlorobenzene	ND				5.0	0.71	ug/Kg			09/07/17 10:04	1
1,1,1-Trichloroethane	ND				5.0	0.61	ug/Kg			09/07/17 10:04	1
1,1,2-Trichloroethane	ND				5.0	0.70	ug/Kg			09/07/17 10:04	1
Trichloroethene	ND				5.0	0.63	ug/Kg			09/07/17 10:04	1
Trichlorofluoromethane	ND				5.0	0.56	ug/Kg			09/07/17 10:04	1
1,2,3-Trichloropropane	ND				5.0	0.77	ug/Kg			09/07/17 10:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND				5.0	2.1	ug/Kg			09/07/17 10:04	1
1,2,4-Trimethylbenzene	ND				5.0	1.6	ug/Kg			09/07/17 10:04	1
1,3,5-Trimethylbenzene	ND				5.0	0.65	ug/Kg			09/07/17 10:04	1
Vinyl acetate	ND				20	5.0	ug/Kg			09/07/17 10:04	1
Vinyl chloride	ND				5.0	0.73	ug/Kg			09/07/17 10:04	1
Xylenes, Total	ND				10	1.2	ug/Kg			09/07/17 10:04	1
2,2-Dichloropropane	ND				5.0	2.0	ug/Kg			09/07/17 10:04	1
Gasoline Range Organics (GRO)	ND				250	100	ug/Kg			09/07/17 10:04	1
-C5-C12											

Surrogate	MB	MB	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
4-Bromofluorobenzene	105		105		45 - 131			1
1,2-Dichloroethane-d4 (Surr)	111		111		60 - 140			1
Toluene-d8 (Surr)	107		107		58 - 140			1

**Lab Sample ID: LCS 720-229674/5**

**Matrix: Solid**

**Analysis Batch: 229674**

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

Analyte	Spike Added	Spiked	LCS	LCS	Unit	D	%Rec	Limits
		Result	Qualifier	Unit				
Methyl tert-butyl ether	50.0	53.0		ug/Kg		106	70 - 144	
Acetone	250	196		ug/Kg		78	30 - 162	
Benzene	50.0	43.5		ug/Kg		87	70 - 130	
Dichlorobromomethane	50.0	56.3		ug/Kg		113	70 - 140	
Bromobenzene	50.0	50.0		ug/Kg		100	70 - 130	
Chlorobromomethane	50.0	53.8		ug/Kg		108	70 - 130	
Bromoform	50.0	61.9		ug/Kg		124	59 - 158	
Bromomethane	50.0	55.8		ug/Kg		112	59 - 132	
2-Butanone (MEK)	250	218		ug/Kg		87	59 - 159	
n-Butylbenzene	50.0	45.7		ug/Kg		91	70 - 142	
sec-Butylbenzene	50.0	46.5		ug/Kg		93	70 - 136	
tert-Butylbenzene	50.0	50.9		ug/Kg		102	70 - 130	
Carbon disulfide	50.0	36.7		ug/Kg		73	60 - 140	
Carbon tetrachloride	50.0	56.9		ug/Kg		114	70 - 142	
Chlorobenzene	50.0	46.9		ug/Kg		94	70 - 130	
Chloroethane	50.0	49.0		ug/Kg		98	65 - 130	
Chloroform	50.0	50.1		ug/Kg		100	77 - 127	

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# QC Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

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

**Lab Sample ID: LCS 720-229674/5**

**Matrix: Solid**

**Analysis Batch: 229674**

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.	Limits
Chloromethane	50.0	42.8		ug/Kg		86	55 - 140	
2-Chlorotoluene	50.0	45.8		ug/Kg		92	70 - 138	
4-Chlorotoluene	50.0	45.9		ug/Kg		92	70 - 136	
Chlorodibromomethane	50.0	57.9		ug/Kg		116	70 - 146	
1,2-Dichlorobenzene	50.0	48.5		ug/Kg		97	70 - 130	
1,3-Dichlorobenzene	50.0	47.8		ug/Kg		96	70 - 131	
1,4-Dichlorobenzene	50.0	47.8		ug/Kg		96	70 - 130	
1,3-Dichloropropane	50.0	47.2		ug/Kg		94	70 - 140	
1,1-Dichloropropene	50.0	48.1		ug/Kg		96	70 - 130	
1,2-Dibromo-3-Chloropropane	50.0	56.2		ug/Kg		112	60 - 145	
Ethylene Dibromide	50.0	53.9		ug/Kg		108	70 - 140	
Dibromomethane	50.0	50.2		ug/Kg		100	70 - 139	
Dichlorodifluoromethane	50.0	64.6		ug/Kg		129	37 - 158	
1,1-Dichloroethane	50.0	43.2		ug/Kg		86	70 - 130	
1,2-Dichloroethane	50.0	51.8		ug/Kg		104	70 - 130	
1,1-Dichloroethene	50.0	43.4		ug/Kg		87	74 - 122	
cis-1,2-Dichloroethene	50.0	44.8		ug/Kg		90	70 - 138	
trans-1,2-Dichloroethene	50.0	45.5		ug/Kg		91	67 - 130	
1,2-Dichloropropane	50.0	41.1		ug/Kg		82	73 - 127	
cis-1,3-Dichloropropene	50.0	47.6		ug/Kg		95	68 - 147	
trans-1,3-Dichloropropene	50.0	51.4		ug/Kg		103	70 - 155	
Ethylbenzene	50.0	45.2		ug/Kg		90	80 - 137	
Hexachlorobutadiene	50.0	52.8		ug/Kg		106	70 - 132	
2-Hexanone	250	218		ug/Kg		87	62 - 158	
Isopropylbenzene	50.0	52.9		ug/Kg		106	70 - 130	
4-Isopropyltoluene	50.0	46.5		ug/Kg		93	70 - 133	
Methylene Chloride	50.0	43.6		ug/Kg		87	70 - 134	
4-Methyl-2-pentanone (MIBK)	250	220		ug/Kg		88	60 - 160	
Naphthalene	50.0	51.2		ug/Kg		102	60 - 147	
N-Propylbenzene	50.0	45.0		ug/Kg		90	70 - 130	
Styrene	50.0	55.4		ug/Kg		111	70 - 130	
1,1,1,2-Tetrachloroethane	50.0	56.4		ug/Kg		113	70 - 130	
1,1,2,2-Tetrachloroethane	50.0	41.5		ug/Kg		83	70 - 146	
Tetrachloroethene	50.0	55.8		ug/Kg		112	70 - 132	
Toluene	50.0	45.9		ug/Kg		92	75 - 120	
1,2,3-Trichlorobenzene	50.0	52.7		ug/Kg		105	60 - 140	
1,2,4-Trichlorobenzene	50.0	53.3		ug/Kg		107	60 - 140	
1,1,1-Trichloroethane	50.0	54.4		ug/Kg		109	70 - 130	
1,1,2-Trichloroethane	50.0	47.9		ug/Kg		96	70 - 130	
Trichloroethene	50.0	52.4		ug/Kg		105	70 - 133	
Trichlorofluoromethane	50.0	58.0		ug/Kg		116	60 - 140	
1,2,3-Trichloropropane	50.0	48.1		ug/Kg		96	70 - 146	
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	50.4		ug/Kg		101	60 - 140	
1,2,4-Trimethylbenzene	50.0	49.8		ug/Kg		100	70 - 130	
1,3,5-Trimethylbenzene	50.0	49.8		ug/Kg		100	70 - 131	
Vinyl acetate	50.0	39.5		ug/Kg		79	38 - 176	
Vinyl chloride	50.0	56.3		ug/Kg		113	58 - 125	

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# QC Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

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

**Lab Sample ID: LCS 720-229674/5**

**Matrix: Solid**

**Analysis Batch: 229674**

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

Analyte	Spike Added	LCS		Unit	D	%Rec.		Limits
		Result	Qualifier			%Rec	Limits	
m-Xylene & p-Xylene	50.0	49.7		ug/Kg		99	70 - 146	
o-Xylene	50.0	50.9		ug/Kg		102	70 - 140	
2,2-Dichloropropane	50.0	53.8		ug/Kg		108	70 - 162	

Surrogate	%Recovery	LCS		Limits
		Result	Qualifier	
4-Bromofluorobenzene	109			45 - 131
1,2-Dichloroethane-d4 (Surr)	109			60 - 140
Toluene-d8 (Surr)	109			58 - 140

**Lab Sample ID: LCS 720-229674/7**

**Matrix: Solid**

**Analysis Batch: 229674**

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

Analyte	Spike Added	LCS		Unit	D	%Rec.		Limits
		Result	Qualifier			%Rec	Limits	
Gasoline Range Organics (GRO) -C5-C12	1000	966		ug/Kg		97	61 - 128	

Surrogate	%Recovery	LCS		Limits
		Result	Qualifier	
4-Bromofluorobenzene	108			45 - 131
1,2-Dichloroethane-d4 (Surr)	113			60 - 140
Toluene-d8 (Surr)	109			58 - 140

**Lab Sample ID: LCSD 720-229674/6**

**Matrix: Solid**

**Analysis Batch: 229674**

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

Analyte	Spike Added	LCSD		Unit	D	%Rec.		RPD	Limit
		Result	Qualifier			%Rec	Limits		
Methyl tert-butyl ether	50.0	57.0		ug/Kg		114	70 - 144	7	20
Acetone	250	217		ug/Kg		87	30 - 162	11	30
Benzene	50.0	45.2		ug/Kg		90	70 - 130	4	20
Dichlorobromomethane	50.0	58.9		ug/Kg		118	70 - 140	5	20
Bromobenzene	50.0	52.6		ug/Kg		105	70 - 130	5	20
Chlorobromomethane	50.0	57.7		ug/Kg		115	70 - 130	7	20
Bromoform	50.0	63.4		ug/Kg		127	59 - 158	2	20
Bromomethane	50.0	56.7		ug/Kg		113	59 - 132	2	20
2-Butanone (MEK)	250	242		ug/Kg		97	59 - 159	10	20
n-Butylbenzene	50.0	47.0		ug/Kg		94	70 - 142	3	20
sec-Butylbenzene	50.0	47.6		ug/Kg		95	70 - 136	2	20
tert-Butylbenzene	50.0	52.4		ug/Kg		105	70 - 130	3	20
Carbon disulfide	50.0	37.5		ug/Kg		75	60 - 140	2	20
Carbon tetrachloride	50.0	58.2		ug/Kg		116	70 - 142	2	20
Chlorobenzene	50.0	47.1		ug/Kg		94	70 - 130	0	20
Chloroethane	50.0	49.1		ug/Kg		98	65 - 130	0	20
Chloroform	50.0	52.5		ug/Kg		105	77 - 127	5	20
Chloromethane	50.0	44.5		ug/Kg		89	55 - 140	4	20
2-Chlorotoluene	50.0	47.9		ug/Kg		96	70 - 138	5	20
4-Chlorotoluene	50.0	48.3		ug/Kg		97	70 - 136	5	20
Chlorodibromomethane	50.0	60.8		ug/Kg		122	70 - 146	5	20

TestAmerica Pleasanton

# QC Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

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

**Lab Sample ID: LCSD 720-229674/6**

**Matrix: Solid**

**Analysis Batch: 229674**

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

Analyte	Spike	LCSD	LCSD	Unit	D	%Rec	%Rec.		RPD	RPD Limit
	Added	Result	Qualifier				Limits	RPD		
1,2-Dichlorobenzene	50.0	49.9		ug/Kg		100	70 - 130	3	20	
1,3-Dichlorobenzene	50.0	49.6		ug/Kg		99	70 - 131	4	20	
1,4-Dichlorobenzene	50.0	49.5		ug/Kg		99	70 - 130	4	20	
1,3-Dichloropropane	50.0	49.5		ug/Kg		99	70 - 140	5	20	
1,1-Dichloropropene	50.0	50.4		ug/Kg		101	70 - 130	5	20	
1,2-Dibromo-3-Chloropropane	50.0	59.6		ug/Kg		119	60 - 145	6	20	
Ethylene Dibromide	50.0	56.9		ug/Kg		114	70 - 140	5	20	
Dibromomethane	50.0	53.2		ug/Kg		106	70 - 139	6	20	
Dichlorodifluoromethane	50.0	64.7		ug/Kg		129	37 - 158	0	20	
1,1-Dichloroethane	50.0	45.2		ug/Kg		90	70 - 130	4	20	
1,2-Dichloroethane	50.0	54.3		ug/Kg		109	70 - 130	5	20	
1,1-Dichloroethene	50.0	44.6		ug/Kg		89	74 - 122	3	20	
cis-1,2-Dichloroethene	50.0	46.5		ug/Kg		93	70 - 138	4	20	
trans-1,2-Dichloroethene	50.0	47.8		ug/Kg		96	67 - 130	5	20	
1,2-Dichloropropane	50.0	43.7		ug/Kg		87	73 - 127	6	20	
cis-1,3-Dichloropropene	50.0	49.8		ug/Kg		100	68 - 147	5	20	
trans-1,3-Dichloropropene	50.0	53.6		ug/Kg		107	70 - 155	4	20	
Ethylbenzene	50.0	45.2		ug/Kg		90	80 - 137	0	20	
Hexachlorobutadiene	50.0	54.9		ug/Kg		110	70 - 132	4	20	
2-Hexanone	250	238		ug/Kg		95	62 - 158	9	20	
Isopropylbenzene	50.0	52.7		ug/Kg		105	70 - 130	0	20	
4-Isopropyltoluene	50.0	47.7		ug/Kg		95	70 - 133	2	20	
Methylene Chloride	50.0	45.0		ug/Kg		90	70 - 134	3	20	
4-Methyl-2-pentanone (MIBK)	250	239		ug/Kg		96	60 - 160	9	20	
Naphthalene	50.0	56.4		ug/Kg		113	60 - 147	10	20	
N-Propylbenzene	50.0	47.3		ug/Kg		95	70 - 130	5	20	
Styrene	50.0	55.4		ug/Kg		111	70 - 130	0	20	
1,1,1,2-Tetrachloroethane	50.0	57.1		ug/Kg		114	70 - 130	1	20	
1,1,2,2-Tetrachloroethane	50.0	45.5		ug/Kg		91	70 - 146	9	20	
Tetrachloroethene	50.0	57.5		ug/Kg		115	70 - 132	3	20	
Toluene	50.0	46.4		ug/Kg		93	75 - 120	1	20	
1,2,3-Trichlorobenzene	50.0	56.4		ug/Kg		113	60 - 140	7	20	
1,2,4-Trichlorobenzene	50.0	56.9		ug/Kg		114	60 - 140	7	20	
1,1,1-Trichloroethane	50.0	55.9		ug/Kg		112	70 - 130	3	20	
1,1,2-Trichloroethane	50.0	50.7		ug/Kg		101	70 - 130	6	20	
Trichloroethene	50.0	54.3		ug/Kg		109	70 - 133	3	20	
Trichlorofluoromethane	50.0	58.4		ug/Kg		117	60 - 140	1	20	
1,2,3-Trichloropropane	50.0	51.1		ug/Kg		102	70 - 146	6	20	
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	49.3		ug/Kg		99	60 - 140	2	20	
1,2,4-Trimethylbenzene	50.0	51.6		ug/Kg		103	70 - 130	4	20	
1,3,5-Trimethylbenzene	50.0	51.6		ug/Kg		103	70 - 131	4	20	
Vinyl acetate	50.0	42.6		ug/Kg		85	38 - 176	8	20	
Vinyl chloride	50.0	57.2		ug/Kg		114	58 - 125	2	20	
m-Xylene & p-Xylene	50.0	49.8		ug/Kg		100	70 - 146	0	20	
o-Xylene	50.0	50.9		ug/Kg		102	70 - 140	0	20	
2,2-Dichloropropane	50.0	54.2		ug/Kg		108	70 - 162	1	20	

TestAmerica Pleasanton

# QC Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

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

**Lab Sample ID:** LCSD 720-229674/6

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

**Matrix:** Solid

**Analysis Batch:** 229674

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene	103		45 - 131
1,2-Dichloroethane-d4 (Surr)	110		60 - 140
Toluene-d8 (Surr)	108		58 - 140

**Lab Sample ID:** LCSD 720-229674/8

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

**Matrix:** Solid

**Analysis Batch:** 229674

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec.	RPD
Gasoline Range Organics (GRO)	1000	995		ug/Kg	99	61 - 128	3 20
-C5-C12							

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene	109		45 - 131
1,2-Dichloroethane-d4 (Surr)	111		60 - 140
Toluene-d8 (Surr)	109		58 - 140

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS

**Lab Sample ID:** MB 720-229485/4

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

**Matrix:** Water

**Analysis Batch:** 229485

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50	0.069	ug/L			09/02/17 11:19	1
Acetone	ND		50	20	ug/L			09/02/17 11:19	1
Benzene	ND		0.50	0.25	ug/L			09/02/17 11:19	1
Dichlorobromomethane	ND		0.50	0.20	ug/L			09/02/17 11:19	1
Bromobenzene	ND		1.0	0.20	ug/L			09/02/17 11:19	1
Chlorobromomethane	ND		1.0	0.25	ug/L			09/02/17 11:19	1
Bromoform	ND		1.0	0.50	ug/L			09/02/17 11:19	1
Bromomethane	ND		1.0	0.49	ug/L			09/02/17 11:19	1
2-Butanone (MEK)	ND		50	8.4	ug/L			09/02/17 11:19	1
n-Butylbenzene	ND		1.0	0.30	ug/L			09/02/17 11:19	1
sec-Butylbenzene	ND		1.0	0.17	ug/L			09/02/17 11:19	1
tert-Butylbenzene	ND		1.0	0.20	ug/L			09/02/17 11:19	1
Carbon disulfide	ND		5.0	0.78	ug/L			09/02/17 11:19	1
Carbon tetrachloride	ND		0.50	0.11	ug/L			09/02/17 11:19	1
Chlorobenzene	ND		0.50	0.13	ug/L			09/02/17 11:19	1
Chloroethane	ND		1.0	0.17	ug/L			09/02/17 11:19	1
Chloroform	ND		1.0	0.40	ug/L			09/02/17 11:19	1
Chloromethane	ND		1.0	0.19	ug/L			09/02/17 11:19	1
2-Chlorotoluene	ND		0.50	0.20	ug/L			09/02/17 11:19	1
4-Chlorotoluene	ND		0.50	0.20	ug/L			09/02/17 11:19	1
Chlorodibromomethane	ND		0.50	0.10	ug/L			09/02/17 11:19	1
1,2-Dichlorobenzene	ND		0.50	0.21	ug/L			09/02/17 11:19	1
1,3-Dichlorobenzene	ND		0.50	0.20	ug/L			09/02/17 11:19	1
1,4-Dichlorobenzene	ND		0.50	0.16	ug/L			09/02/17 11:19	1

TestAmerica Pleasanton

# QC Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

**Lab Sample ID: MB 720-229485/4**

**Matrix: Water**

**Analysis Batch: 229485**

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

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier									
1,3-Dichloropropane	ND				1.0	0.17	ug/L			09/02/17 11:19	1
1,1-Dichloropropene	ND				0.50	0.20	ug/L			09/02/17 11:19	1
1,2-Dibromo-3-Chloropropane	ND				1.0	0.30	ug/L			09/02/17 11:19	1
Ethylene Dibromide	ND				0.50	0.075	ug/L			09/02/17 11:19	1
Dibromomethane	ND				0.50	0.30	ug/L			09/02/17 11:19	1
Dichlorodifluoromethane	ND				0.50	0.25	ug/L			09/02/17 11:19	1
1,1-Dichloroethane	ND				0.50	0.11	ug/L			09/02/17 11:19	1
1,2-Dichloroethane	ND				0.50	0.077	ug/L			09/02/17 11:19	1
1,1-Dichloroethene	ND				0.50	0.20	ug/L			09/02/17 11:19	1
cis-1,2-Dichloroethene	ND				0.50	0.076	ug/L			09/02/17 11:19	1
trans-1,2-Dichloroethene	ND				0.50	0.13	ug/L			09/02/17 11:19	1
1,2-Dichloropropane	ND				0.50	0.20	ug/L			09/02/17 11:19	1
cis-1,3-Dichloropropene	ND				0.50	0.10	ug/L			09/02/17 11:19	1
trans-1,3-Dichloropropene	ND				0.50	0.17	ug/L			09/02/17 11:19	1
Ethylbenzene	ND				0.50	0.13	ug/L			09/02/17 11:19	1
Hexachlorobutadiene	ND				1.0	0.27	ug/L			09/02/17 11:19	1
2-Hexanone	ND				50	3.0	ug/L			09/02/17 11:19	1
Isopropylbenzene	ND				0.50	0.20	ug/L			09/02/17 11:19	1
4-Isopropyltoluene	ND				1.0	0.20	ug/L			09/02/17 11:19	1
Methylene Chloride	ND				5.0	1.5	ug/L			09/02/17 11:19	1
4-Methyl-2-pentanone (MIBK)	ND				50	4.5	ug/L			09/02/17 11:19	1
Naphthalene	ND				1.0	0.22	ug/L			09/02/17 11:19	1
N-Propylbenzene	ND				1.0	0.20	ug/L			09/02/17 11:19	1
Styrene	ND				0.50	0.075	ug/L			09/02/17 11:19	1
1,1,1,2-Tetrachloroethane	ND				0.50	0.067	ug/L			09/02/17 11:19	1
1,1,2,2-Tetrachloroethane	ND				0.50	0.074	ug/L			09/02/17 11:19	1
Tetrachloroethene	ND				0.50	0.20	ug/L			09/02/17 11:19	1
Toluene	ND				0.50	0.17	ug/L			09/02/17 11:19	1
1,2,3-Trichlorobenzene	ND				1.0	0.21	ug/L			09/02/17 11:19	1
1,2,4-Trichlorobenzene	ND				1.0	0.13	ug/L			09/02/17 11:19	1
1,1,1-Trichloroethane	ND				0.50	0.20	ug/L			09/02/17 11:19	1
1,1,2-Trichloroethane	ND				0.50	0.11	ug/L			09/02/17 11:19	1
Trichloroethene	ND				0.50	0.20	ug/L			09/02/17 11:19	1
Trichlorofluoromethane	ND				1.0	0.30	ug/L			09/02/17 11:19	1
1,2,3-Trichloropropane	ND				0.50	0.087	ug/L			09/02/17 11:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND				0.50	0.091	ug/L			09/02/17 11:19	1
1,2,4-Trimethylbenzene	ND				0.50	0.20	ug/L			09/02/17 11:19	1
1,3,5-Trimethylbenzene	ND				0.50	0.17	ug/L			09/02/17 11:19	1
Vinyl acetate	ND				10	0.60	ug/L			09/02/17 11:19	1
Vinyl chloride	ND				0.50	0.20	ug/L			09/02/17 11:19	1
Xylenes, Total	ND				1.0	0.40	ug/L			09/02/17 11:19	1
2,2-Dichloropropane	ND				0.50	0.17	ug/L			09/02/17 11:19	1
Gasoline Range Organics (GRO) -C5-C12	ND				50	21	ug/L			09/02/17 11:19	1

Surrogate	MB	MB	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
4-Bromofluorobenzene	89		67 - 130				09/02/17 11:19	1
1,2-Dichloroethane-d4 (Surr)	77		72 - 130				09/02/17 11:19	1

TestAmerica Pleasanton

# QC Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

**Lab Sample ID:** MB 720-229485/4  
**Matrix:** Water  
**Analysis Batch:** 229485

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

Surrogate	MB	MB	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surrogate)			97		70 - 130		09/02/17 11:19	1

**Lab Sample ID:** LCS 720-229485/5  
**Matrix:** Water  
**Analysis Batch:** 229485

**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	25.0		ug/L		100	62 - 130	
Acetone	125	172		ug/L		137	26 - 180	
Benzene	25.0	27.7		ug/L		111	79 - 130	
Dichlorobromomethane	25.0	25.2		ug/L		101	70 - 130	
Bromobenzene	25.0	28.2		ug/L		113	70 - 130	
Chlorobromomethane	25.0	28.4		ug/L		113	70 - 130	
Bromoform	25.0	29.1		ug/L		116	68 - 136	
Bromomethane	25.0	28.2		ug/L		113	43 - 151	
2-Butanone (MEK)	125	158		ug/L		126	54 - 153	
n-Butylbenzene	25.0	28.6		ug/L		114	70 - 142	
sec-Butylbenzene	25.0	28.6		ug/L		115	70 - 134	
tert-Butylbenzene	25.0	29.3		ug/L		117	70 - 135	
Carbon disulfide	25.0	31.7		ug/L		127	68 - 146	
Carbon tetrachloride	25.0	29.1		ug/L		116	70 - 146	
Chlorobenzene	25.0	28.0		ug/L		112	70 - 130	
Chloroethane	25.0	25.8		ug/L		103	62 - 138	
Chloroform	25.0	25.3		ug/L		101	70 - 130	
Chloromethane	25.0	25.4		ug/L		102	52 - 175	
2-Chlorotoluene	25.0	26.6		ug/L		106	70 - 130	
4-Chlorotoluene	25.0	26.6		ug/L		106	70 - 130	
Chlorodibromomethane	25.0	26.4		ug/L		106	70 - 145	
1,2-Dichlorobenzene	25.0	28.1		ug/L		112	70 - 130	
1,3-Dichlorobenzene	25.0	28.5		ug/L		114	70 - 130	
1,4-Dichlorobenzene	25.0	28.4		ug/L		113	70 - 130	
1,3-Dichloropropane	25.0	24.8		ug/L		99	70 - 130	
1,1-Dichloropropene	25.0	29.3		ug/L		117	70 - 130	
1,2-Dibromo-3-Chloropropane	25.0	33.2		ug/L		133	70 - 136	
Ethylene Dibromide	25.0	26.8		ug/L		107	70 - 130	
Dibromomethane	25.0	25.7		ug/L		103	70 - 130	
Dichlorodifluoromethane	25.0	30.4		ug/L		122	32 - 158	
1,1-Dichloroethane	25.0	26.7		ug/L		107	70 - 130	
1,2-Dichloroethane	25.0	22.0		ug/L		88	61 - 132	
1,1-Dichloroethene	25.0	28.3		ug/L		113	64 - 128	
cis-1,2-Dichloroethene	25.0	25.5		ug/L		102	70 - 130	
trans-1,2-Dichloroethene	25.0	29.2		ug/L		117	68 - 130	
1,2-Dichloropropane	25.0	26.3		ug/L		105	70 - 130	
cis-1,3-Dichloropropene	25.0	25.7		ug/L		103	70 - 130	
trans-1,3-Dichloropropene	25.0	24.5		ug/L		98	70 - 140	
Ethylbenzene	25.0	27.7		ug/L		111	80 - 120	
Hexachlorobutadiene	25.0	32.5		ug/L		130	70 - 130	
2-Hexanone	125	141		ug/L		112	60 - 164	

TestAmerica Pleasanton

# QC Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

**Lab Sample ID: LCS 720-229485/5**

**Matrix: Water**

**Analysis Batch: 229485**

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.	Limits
Isopropylbenzene	25.0	28.9		ug/L		116	70 - 130	
4-Isopropyltoluene	25.0	29.0		ug/L		116	70 - 130	
Methylene Chloride	25.0	27.0		ug/L		108	70 - 147	
4-Methyl-2-pentanone (MIBK)	125	137		ug/L		110	50 - 155	
Naphthalene	25.0	29.0		ug/L		116	50 - 130	
N-Propylbenzene	25.0	28.3		ug/L		113	70 - 130	
Styrene	25.0	26.4		ug/L		105	70 - 130	
1,1,1,2-Tetrachloroethane	25.0	28.3		ug/L		113	70 - 130	
1,1,2,2-Tetrachloroethane	25.0	27.8		ug/L		111	70 - 130	
Tetrachloroethene	25.0	31.3		ug/L		125	70 - 130	
Toluene	25.0	28.0		ug/L		112	78 - 120	
1,2,3-Trichlorobenzene	25.0	29.2		ug/L		117	70 - 130	
1,2,4-Trichlorobenzene	25.0	29.2		ug/L		117	70 - 130	
1,1,1-Trichloroethane	25.0	28.9		ug/L		115	70 - 130	
1,1,2-Trichloroethane	25.0	26.7		ug/L		107	70 - 130	
Trichloroethene	25.0	30.0		ug/L		120	70 - 130	
Trichlorofluoromethane	25.0	30.8		ug/L		123	66 - 132	
1,2,3-Trichloropropane	25.0	28.8		ug/L		115	70 - 130	
1,1,2-Trichloro-1,2,2-trifluoroetha ne	25.0	32.4		ug/L		129	42 - 162	
1,2,4-Trimethylbenzene	25.0	27.4		ug/L		110	70 - 132	
1,3,5-Trimethylbenzene	25.0	28.1		ug/L		112	70 - 130	
Vinyl acetate	25.0	22.4		ug/L		90	43 - 163	
Vinyl chloride	25.0	25.9		ug/L		104	54 - 135	
m-Xylene & p-Xylene	25.0	27.2		ug/L		109	70 - 142	
o-Xylene	25.0	26.7		ug/L		107	70 - 130	
2,2-Dichloropropane	25.0	29.9		ug/L		119	70 - 140	

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	89		67 - 130
1,2-Dichloroethane-d4 (Surr)	77		72 - 130
Toluene-d8 (Surr)	97		70 - 130

**Lab Sample ID: LCS 720-229485/7**

**Matrix: Water**

**Analysis Batch: 229485**

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.	Limits
Gasoline Range Organics (GRO) -C5-C12	500	531		ug/L		106	71 - 125	
Surrogate	LCS %Recovery	LCS Qualifier	Limits					
4-Bromofluorobenzene	91		67 - 130					
1,2-Dichloroethane-d4 (Surr)	78		72 - 130					
Toluene-d8 (Surr)	98		70 - 130					

TestAmerica Pleasanton

# QC Sample Results

Client: Haley & Aldrich, Inc.

Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

**Lab Sample ID: LCSD 720-229485/6**

**Matrix: Water**

**Analysis Batch: 229485**

**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	24.1		ug/L	96	62 - 130	4	20	
Acetone	125	147		ug/L	117	26 - 180	16	30	
Benzene	25.0	28.7		ug/L	115	79 - 130	4	20	
Dichlorobromomethane	25.0	26.0		ug/L	104	70 - 130	3	20	
Bromobenzene	25.0	29.1		ug/L	117	70 - 130	3	20	
Chlorobromomethane	25.0	28.7		ug/L	115	70 - 130	1	20	
Bromoform	25.0	28.1		ug/L	112	68 - 136	4	20	
Bromomethane	25.0	27.7		ug/L	111	43 - 151	2	20	
2-Butanone (MEK)	125	132		ug/L	105	54 - 153	18	20	
n-Butylbenzene	25.0	30.0		ug/L	120	70 - 142	5	20	
sec-Butylbenzene	25.0	30.2		ug/L	121	70 - 134	5	20	
tert-Butylbenzene	25.0	30.6		ug/L	123	70 - 135	5	20	
Carbon disulfide	25.0	32.6		ug/L	130	68 - 146	3	20	
Carbon tetrachloride	25.0	29.9		ug/L	119	70 - 146	3	20	
Chlorobenzene	25.0	28.9		ug/L	115	70 - 130	3	20	
Chloroethane	25.0	25.4		ug/L	102	62 - 138	1	20	
Chloroform	25.0	26.0		ug/L	104	70 - 130	3	20	
Chloromethane	25.0	25.0		ug/L	100	52 - 175	2	20	
2-Chlorotoluene	25.0	27.9		ug/L	112	70 - 130	5	20	
4-Chlorotoluene	25.0	27.6		ug/L	110	70 - 130	4	20	
Chlorodibromomethane	25.0	26.3		ug/L	105	70 - 145	0	20	
1,2-Dichlorobenzene	25.0	28.9		ug/L	116	70 - 130	3	20	
1,3-Dichlorobenzene	25.0	29.7		ug/L	119	70 - 130	4	20	
1,4-Dichlorobenzene	25.0	29.4		ug/L	118	70 - 130	4	20	
1,3-Dichloropropane	25.0	24.4		ug/L	97	70 - 130	2	20	
1,1-Dichloropropene	25.0	30.2		ug/L	121	70 - 130	3	20	
1,2-Dibromo-3-Chloropropane	25.0	30.1		ug/L	120	70 - 136	10	20	
Ethylene Dibromide	25.0	26.1		ug/L	105	70 - 130	3	20	
Dibromomethane	25.0	25.4		ug/L	102	70 - 130	1	20	
Dichlorodifluoromethane	25.0	30.5		ug/L	122	32 - 158	0	20	
1,1-Dichloroethane	25.0	27.6		ug/L	110	70 - 130	3	20	
1,2-Dichloroethane	25.0	22.0		ug/L	88	61 - 132	0	20	
1,1-Dichloroethene	25.0	29.0		ug/L	116	64 - 128	2	20	
cis-1,2-Dichloroethene	25.0	26.2		ug/L	105	70 - 130	3	20	
trans-1,2-Dichloroethene	25.0	30.1		ug/L	120	68 - 130	3	20	
1,2-Dichloropropane	25.0	26.9		ug/L	108	70 - 130	2	20	
cis-1,3-Dichloropropene	25.0	26.1		ug/L	105	70 - 130	2	20	
trans-1,3-Dichloropropene	25.0	24.5		ug/L	98	70 - 140	0	20	
Ethylbenzene	25.0	29.0		ug/L	116	80 - 120	4	20	
Hexachlorobutadiene	25.0	34.5 *		ug/L	138	70 - 130	6	20	
2-Hexanone	125	116		ug/L	93	60 - 164	19	20	
Isopropylbenzene	25.0	30.2		ug/L	121	70 - 130	4	20	
4-Isopropyltoluene	25.0	30.5		ug/L	122	70 - 130	5	20	
Methylene Chloride	25.0	27.7		ug/L	111	70 - 147	3	20	
4-Methyl-2-pentanone (MIBK)	125	116		ug/L	93	50 - 155	17	20	
Naphthalene	25.0	28.7		ug/L	115	50 - 130	1	20	
N-Propylbenzene	25.0	29.6		ug/L	119	70 - 130	5	20	
Styrene	25.0	27.4		ug/L	109	70 - 130	4	20	

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# QC Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

**Lab Sample ID: LCSD 720-229485/6**

**Matrix: Water**

**Analysis Batch: 229485**

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	25.0	29.2		ug/L		117	70 - 130	3	20
1,1,2,2-Tetrachloroethane	25.0	26.2		ug/L		105	70 - 130	6	20
Tetrachloroethene	25.0	32.4		ug/L		130	70 - 130	3	20
Toluene	25.0	29.3		ug/L		117	78 - 120	5	20
1,2,3-Trichlorobenzene	25.0	30.3		ug/L		121	70 - 130	4	20
1,2,4-Trichlorobenzene	25.0	30.5		ug/L		122	70 - 130	4	20
1,1,1-Trichloroethane	25.0	29.9		ug/L		120	70 - 130	4	20
1,1,2-Trichloroethane	25.0	26.1		ug/L		105	70 - 130	2	20
Trichloroethene	25.0	31.0		ug/L		124	70 - 130	4	20
Trichlorofluoromethane	25.0	30.6		ug/L		122	66 - 132	1	20
1,2,3-Trichloropropane	25.0	27.2		ug/L		109	70 - 130	6	20
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	33.2		ug/L		133	42 - 162	2	20
ne									
1,2,4-Trimethylbenzene	25.0	28.6		ug/L		114	70 - 132	4	20
1,3,5-Trimethylbenzene	25.0	29.4		ug/L		118	70 - 130	5	20
Vinyl acetate	25.0	20.6		ug/L		82	43 - 163	8	20
Vinyl chloride	25.0	25.6		ug/L		102	54 - 135	1	20
m-Xylene & p-Xylene	25.0	28.4		ug/L		114	70 - 142	4	20
o-Xylene	25.0	27.9		ug/L		111	70 - 130	4	20
2,2-Dichloropropane	25.0	31.6		ug/L		126	70 - 140	6	20

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
4-Bromofluorobenzene	89		67 - 130
1,2-Dichloroethane-d4 (Surr)	74		72 - 130
Toluene-d8 (Surr)	97		70 - 130

**Lab Sample ID: LCSD 720-229485/8**

**Matrix: Water**

**Analysis Batch: 229485**

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	Limits	RPD	RPD Limit
Gasoline Range Organics (GRO) -C5-C12	500	556		ug/L		111	71 - 125	5	20
Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits						
4-Bromofluorobenzene	91		67 - 130						
1,2-Dichloroethane-d4 (Surr)	78		72 - 130						
Toluene-d8 (Surr)	97		70 - 130						

**Lab Sample ID: MB 720-229505/10**

**Matrix: Solid**

**Analysis Batch: 229505**

**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	1.2	ug/Kg			09/05/17 13:27	1
Acetone	ND		50	38	ug/Kg			09/05/17 13:27	1
Benzene	ND		5.0	0.65	ug/Kg			09/05/17 13:27	1
Dichlorobromomethane	ND		5.0	0.72	ug/Kg			09/05/17 13:27	1

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# QC Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

**Lab Sample ID: MB 720-229505/10**

**Matrix: Solid**

**Analysis Batch: 229505**

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromobenzene	ND		5.0	0.79	ug/Kg			09/05/17 13:27	1
Chlorobromomethane	ND		20	0.72	ug/Kg			09/05/17 13:27	1
Bromoform	ND		5.0	2.0	ug/Kg			09/05/17 13:27	1
Bromomethane	ND		10	0.79	ug/Kg			09/05/17 13:27	1
2-Butanone (MEK)	ND		50	21	ug/Kg			09/05/17 13:27	1
n-Butylbenzene	ND		5.0	1.0	ug/Kg			09/05/17 13:27	1
sec-Butylbenzene	ND		5.0	0.72	ug/Kg			09/05/17 13:27	1
tert-Butylbenzene	ND		5.0	0.73	ug/Kg			09/05/17 13:27	1
Carbon disulfide	ND		5.0	2.0	ug/Kg			09/05/17 13:27	1
Carbon tetrachloride	ND		5.0	0.62	ug/Kg			09/05/17 13:27	1
Chlorobenzene	ND		5.0	0.69	ug/Kg			09/05/17 13:27	1
Chloroethane	ND		10	0.56	ug/Kg			09/05/17 13:27	1
Chloroform	ND		5.0	0.66	ug/Kg			09/05/17 13:27	1
Chloromethane	ND		10	0.72	ug/Kg			09/05/17 13:27	1
2-Chlorotoluene	ND		5.0	0.65	ug/Kg			09/05/17 13:27	1
4-Chlorotoluene	ND		5.0	0.68	ug/Kg			09/05/17 13:27	1
Chlorodibromomethane	ND		5.0	0.71	ug/Kg			09/05/17 13:27	1
1,2-Dichlorobenzene	ND		5.0	0.68	ug/Kg			09/05/17 13:27	1
1,3-Dichlorobenzene	ND		5.0	0.72	ug/Kg			09/05/17 13:27	1
1,4-Dichlorobenzene	ND		5.0	0.71	ug/Kg			09/05/17 13:27	1
1,3-Dichloropropane	ND		5.0	0.73	ug/Kg			09/05/17 13:27	1
1,1-Dichloropropene	ND		5.0	0.69	ug/Kg			09/05/17 13:27	1
1,2-Dibromo-3-Chloropropane	ND		10	1.7	ug/Kg			09/05/17 13:27	1
Ethylene Dibromide	ND		5.0	1.4	ug/Kg			09/05/17 13:27	1
Dibromomethane	ND		10	0.86	ug/Kg			09/05/17 13:27	1
Dichlorodifluoromethane	ND		10	0.79	ug/Kg			09/05/17 13:27	1
1,1-Dichloroethane	ND		5.0	0.68	ug/Kg			09/05/17 13:27	1
1,2-Dichloroethane	ND		5.0	0.76	ug/Kg			09/05/17 13:27	1
1,1-Dichloroethene	ND		5.0	0.62	ug/Kg			09/05/17 13:27	1
cis-1,2-Dichloroethene	ND		5.0	0.68	ug/Kg			09/05/17 13:27	1
trans-1,2-Dichloroethene	ND		5.0	0.75	ug/Kg			09/05/17 13:27	1
1,2-Dichloropropane	ND		5.0	0.63	ug/Kg			09/05/17 13:27	1
cis-1,3-Dichloropropene	ND		5.0	0.69	ug/Kg			09/05/17 13:27	1
trans-1,3-Dichloropropene	ND		5.0	0.67	ug/Kg			09/05/17 13:27	1
Ethylbenzene	ND		5.0	0.75	ug/Kg			09/05/17 13:27	1
Hexachlorobutadiene	ND		5.0	0.90	ug/Kg			09/05/17 13:27	1
2-Hexanone	ND		50	10	ug/Kg			09/05/17 13:27	1
Isopropylbenzene	ND		5.0	0.68	ug/Kg			09/05/17 13:27	1
4-Isopropyltoluene	ND		5.0	2.5	ug/Kg			09/05/17 13:27	1
Methylene Chloride	ND		10	4.0	ug/Kg			09/05/17 13:27	1
4-Methyl-2-pentanone (MIBK)	ND		50	10	ug/Kg			09/05/17 13:27	1
Naphthalene	ND		10	1.5	ug/Kg			09/05/17 13:27	1
N-Propylbenzene	ND		5.0	0.66	ug/Kg			09/05/17 13:27	1
Styrene	ND		5.0	0.63	ug/Kg			09/05/17 13:27	1
1,1,1,2-Tetrachloroethane	ND		5.0	0.76	ug/Kg			09/05/17 13:27	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.75	ug/Kg			09/05/17 13:27	1
Tetrachloroethene	ND		5.0	0.67	ug/Kg			09/05/17 13:27	1
Toluene	ND		5.0	0.71	ug/Kg			09/05/17 13:27	1

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# QC Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

**Lab Sample ID: MB 720-229505/10**

**Matrix: Solid**

**Analysis Batch: 229505**

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

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,2,3-Trichlorobenzene	ND		5.0	0.74	ug/Kg			09/05/17 13:27	1
1,2,4-Trichlorobenzene	ND		5.0	0.71	ug/Kg			09/05/17 13:27	1
1,1,1-Trichloroethane	ND		5.0	0.61	ug/Kg			09/05/17 13:27	1
1,1,2-Trichloroethane	ND		5.0	0.70	ug/Kg			09/05/17 13:27	1
Trichloroethene	ND		5.0	0.63	ug/Kg			09/05/17 13:27	1
Trichlorofluoromethane	ND		5.0	0.56	ug/Kg			09/05/17 13:27	1
1,2,3-Trichloropropane	ND		5.0	0.77	ug/Kg			09/05/17 13:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	2.1	ug/Kg			09/05/17 13:27	1
1,2,4-Trimethylbenzene	ND		5.0	1.6	ug/Kg			09/05/17 13:27	1
1,3,5-Trimethylbenzene	ND		5.0	0.65	ug/Kg			09/05/17 13:27	1
Vinyl acetate	ND		20	5.0	ug/Kg			09/05/17 13:27	1
Vinyl chloride	ND		5.0	0.73	ug/Kg			09/05/17 13:27	1
Xylenes, Total	ND		10	1.2	ug/Kg			09/05/17 13:27	1
2,2-Dichloropropane	ND		5.0	2.0	ug/Kg			09/05/17 13:27	1
Gasoline Range Organics (GRO) -C5-C12	ND		250	100	ug/Kg			09/05/17 13:27	1

**MB MB**

Surrogate	%Recovery	MB		Limits	Prepared	Analyzed	Dil Fac
		Result	Qualifier				
4-Bromofluorobenzene	104			45 - 131			1
1,2-Dichloroethane-d4 (Surr)	100			60 - 140		09/05/17 13:27	1
Toluene-d8 (Surr)	109			58 - 140		09/05/17 13:27	1

**Lab Sample ID: LCS 720-229505/6**

**Matrix: Solid**

**Analysis Batch: 229505**

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

Analyte	Spike Added	LCS		Unit	D	%Rec	Limits
		Result	Qualifier				
Methyl tert-butyl ether	50.0	55.3		ug/Kg		111	70 - 144
Acetone	250	219		ug/Kg		88	30 - 162
Benzene	50.0	47.3		ug/Kg		95	70 - 130
Dichlorobromomethane	50.0	56.8		ug/Kg		114	70 - 140
Bromobenzene	50.0	53.6		ug/Kg		107	70 - 130
Chlorobromomethane	50.0	58.2		ug/Kg		116	70 - 130
Bromoform	50.0	61.5		ug/Kg		123	59 - 158
Bromomethane	50.0	56.1		ug/Kg		112	59 - 132
2-Butanone (MEK)	250	241		ug/Kg		96	59 - 159
n-Butylbenzene	50.0	48.0		ug/Kg		96	70 - 142
sec-Butylbenzene	50.0	49.5		ug/Kg		99	70 - 136
tert-Butylbenzene	50.0	53.9		ug/Kg		108	70 - 130
Carbon disulfide	50.0	40.7		ug/Kg		81	60 - 140
Carbon tetrachloride	50.0	55.5		ug/Kg		111	70 - 142
Chlorobenzene	50.0	48.7		ug/Kg		97	70 - 130
Chloroethane	50.0	50.1		ug/Kg		100	65 - 130
Chloroform	50.0	51.2		ug/Kg		102	77 - 127
Chloromethane	50.0	45.0		ug/Kg		90	55 - 140
2-Chlorotoluene	50.0	49.0		ug/Kg		98	70 - 138
4-Chlorotoluene	50.0	49.5		ug/Kg		99	70 - 136
Chlorodibromomethane	50.0	58.2		ug/Kg		116	70 - 146

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# QC Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

**Lab Sample ID: LCS 720-229505/6**

**Matrix: Solid**

**Analysis Batch: 229505**

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

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec.	Limits	
	Added	Result	Qualifier						
1,2-Dichlorobenzene	50.0	50.3		ug/Kg		101	70 - 130		
1,3-Dichlorobenzene	50.0	51.1		ug/Kg		102	70 - 131		
1,4-Dichlorobenzene	50.0	50.7		ug/Kg		101	70 - 130		
1,3-Dichloropropane	50.0	48.9		ug/Kg		98	70 - 140		
1,1-Dichloropropene	50.0	51.2		ug/Kg		102	70 - 130		
1,2-Dibromo-3-Chloropropane	50.0	58.1		ug/Kg		116	60 - 145		
Ethylene Dibromide	50.0	55.7		ug/Kg		111	70 - 140		
Dibromomethane	50.0	51.5		ug/Kg		103	70 - 139		
Dichlorodifluoromethane	50.0	60.9		ug/Kg		122	37 - 158		
1,1-Dichloroethane	50.0	46.3		ug/Kg		93	70 - 130		
1,2-Dichloroethane	50.0	49.6		ug/Kg		99	70 - 130		
1,1-Dichloroethene	50.0	46.7		ug/Kg		93	74 - 122		
cis-1,2-Dichloroethene	50.0	46.6		ug/Kg		93	70 - 138		
trans-1,2-Dichloroethene	50.0	50.6		ug/Kg		101	67 - 130		
1,2-Dichloropropane	50.0	44.9		ug/Kg		90	73 - 127		
cis-1,3-Dichloropropene	50.0	50.5		ug/Kg		101	68 - 147		
trans-1,3-Dichloropropene	50.0	52.6		ug/Kg		105	70 - 155		
Ethylbenzene	50.0	46.3		ug/Kg		93	80 - 137		
Hexachlorobutadiene	50.0	53.4		ug/Kg		107	70 - 132		
2-Hexanone	250	222		ug/Kg		89	62 - 158		
Isopropylbenzene	50.0	53.9		ug/Kg		108	70 - 130		
4-Isopropyltoluene	50.0	49.0		ug/Kg		98	70 - 133		
Methylene Chloride	50.0	47.6		ug/Kg		95	70 - 134		
4-Methyl-2-pentanone (MIBK)	250	223		ug/Kg		89	60 - 160		
Naphthalene	50.0	54.4		ug/Kg		109	60 - 147		
N-Propylbenzene	50.0	49.0		ug/Kg		98	70 - 130		
Styrene	50.0	57.6		ug/Kg		115	70 - 130		
1,1,1,2-Tetrachloroethane	50.0	56.3		ug/Kg		113	70 - 130		
1,1,2,2-Tetrachloroethane	50.0	45.7		ug/Kg		91	70 - 146		
Tetrachloroethene	50.0	58.7		ug/Kg		117	70 - 132		
Toluene	50.0	49.5		ug/Kg		99	75 - 120		
1,2,3-Trichlorobenzene	50.0	54.7		ug/Kg		109	60 - 140		
1,2,4-Trichlorobenzene	50.0	55.7		ug/Kg		111	60 - 140		
1,1,1-Trichloroethane	50.0	54.1		ug/Kg		108	70 - 130		
1,1,2-Trichloroethane	50.0	50.9		ug/Kg		102	70 - 130		
Trichloroethene	50.0	55.7		ug/Kg		111	70 - 133		
Trichlorofluoromethane	50.0	54.6		ug/Kg		109	60 - 140		
1,2,3-Trichloropropane	50.0	50.1		ug/Kg		100	70 - 146		
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	50.3		ug/Kg		101	60 - 140		
1,2,4-Trimethylbenzene	50.0	52.6		ug/Kg		105	70 - 130		
1,3,5-Trimethylbenzene	50.0	52.7		ug/Kg		105	70 - 131		
Vinyl acetate	50.0	42.8		ug/Kg		86	38 - 176		
Vinyl chloride	50.0	56.7		ug/Kg		113	58 - 125		
m-Xylene & p-Xylene	50.0	50.9		ug/Kg		102	70 - 146		
o-Xylene	50.0	51.2		ug/Kg		102	70 - 140		
2,2-Dichloropropane	50.0	55.8		ug/Kg		112	70 - 162		

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# QC Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

**Lab Sample ID: LCS 720-229505/6**

**Matrix: Solid**

**Analysis Batch: 229505**

Surrogate	LCS	LCS	%Recovery	Qualifier	Limits
4-Bromofluorobenzene			102		45 - 131
1,2-Dichloroethane-d4 (Surr)			98		60 - 140
Toluene-d8 (Surr)			109		58 - 140

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Lab Sample ID: LCS 720-229505/8**

**Matrix: Solid**

**Analysis Batch: 229505**

Analyte	Spike Added	LCS	LCS	Result	Qualifier	Unit	D	%Rec	%Rec.
						ug/Kg		102	Limits
Gasoline Range Organics (GRO) -C5-C12	1000			1020					61 - 128

Surrogate	LCS	LCS	%Recovery	Qualifier	Limits
4-Bromofluorobenzene			108		45 - 131
1,2-Dichloroethane-d4 (Surr)			101		60 - 140
Toluene-d8 (Surr)			110		58 - 140

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Lab Sample ID: LCSD 720-229505/7**

**Matrix: Solid**

**Analysis Batch: 229505**

Analyte	Spike Added	LCSD	LCSD	Result	Qualifier	Unit	D	%Rec	%Rec.	RPD	RPD
						ug/Kg		114	Limits		Limit
Methyl tert-butyl ether	50.0			57.2		ug/Kg		114	70 - 144	3	20
Acetone	250			245		ug/Kg		98	30 - 162	11	30
Benzene	50.0			47.8		ug/Kg		96	70 - 130	1	20
Dichlorobromomethane	50.0			56.9		ug/Kg		114	70 - 140	0	20
Bromobenzene	50.0			54.3		ug/Kg		109	70 - 130	1	20
Chlorobromomethane	50.0			58.9		ug/Kg		118	70 - 130	1	20
Bromoform	50.0			64.8		ug/Kg		130	59 - 158	5	20
Bromomethane	50.0			57.7		ug/Kg		115	59 - 132	3	20
2-Butanone (MEK)	250			260		ug/Kg		104	59 - 159	8	20
n-Butylbenzene	50.0			46.9		ug/Kg		94	70 - 142	2	20
sec-Butylbenzene	50.0			48.4		ug/Kg		97	70 - 136	2	20
tert-Butylbenzene	50.0			53.0		ug/Kg		106	70 - 130	2	20
Carbon disulfide	50.0			41.3		ug/Kg		83	60 - 140	1	20
Carbon tetrachloride	50.0			55.2		ug/Kg		110	70 - 142	1	20
Chlorobenzene	50.0			50.1		ug/Kg		100	70 - 130	3	20
Chloroethane	50.0			50.7		ug/Kg		101	65 - 130	1	20
Chloroform	50.0			51.0		ug/Kg		102	77 - 127	0	20
Chloromethane	50.0			47.6		ug/Kg		95	55 - 140	5	20
2-Chlorotoluene	50.0			48.9		ug/Kg		98	70 - 138	0	20
4-Chlorotoluene	50.0			49.0		ug/Kg		98	70 - 136	1	20
Chlorodibromomethane	50.0			59.6		ug/Kg		119	70 - 146	3	20
1,2-Dichlorobenzene	50.0			50.7		ug/Kg		101	70 - 130	1	20
1,3-Dichlorobenzene	50.0			50.7		ug/Kg		101	70 - 131	1	20
1,4-Dichlorobenzene	50.0			50.3		ug/Kg		101	70 - 130	1	20
1,3-Dichloropropane	50.0			51.0		ug/Kg		102	70 - 140	4	20
1,1-Dichloropropene	50.0			51.1		ug/Kg		102	70 - 130	0	20

**Client Sample ID: Lab Control Sample Dup**

**Prep Type: Total/NA**

TestAmerica Pleasanton

# QC Sample Results

Client: Haley & Aldrich, Inc.

Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

**Lab Sample ID: LCSD 720-229505/7**

**Matrix: Solid**

**Analysis Batch: 229505**

**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	Limit		
1,2-Dibromo-3-Chloropropane	50.0	63.1		ug/Kg	126	60 - 145	8	20	
Ethylene Dibromide	50.0	57.6		ug/Kg	115	70 - 140	3	20	
Dibromomethane	50.0	53.0		ug/Kg	106	70 - 139	3	20	
Dichlorodifluoromethane	50.0	62.3		ug/Kg	125	37 - 158	2	20	
1,1-Dichloroethane	50.0	46.4		ug/Kg	93	70 - 130	0	20	
1,2-Dichloroethane	50.0	50.7		ug/Kg	101	70 - 130	2	20	
1,1-Dichloroethene	50.0	47.3		ug/Kg	95	74 - 122	1	20	
cis-1,2-Dichloroethene	50.0	46.9		ug/Kg	94	70 - 138	1	20	
trans-1,2-Dichloroethene	50.0	51.0		ug/Kg	102	67 - 130	1	20	
1,2-Dichloropropane	50.0	45.7		ug/Kg	91	73 - 127	2	20	
cis-1,3-Dichloropropene	50.0	51.4		ug/Kg	103	68 - 147	2	20	
trans-1,3-Dichloropropene	50.0	54.0		ug/Kg	108	70 - 155	3	20	
Ethylbenzene	50.0	47.5		ug/Kg	95	80 - 137	3	20	
Hexachlorobutadiene	50.0	52.0		ug/Kg	104	70 - 132	3	20	
2-Hexanone	250	238		ug/Kg	95	62 - 158	7	20	
Isopropylbenzene	50.0	54.7		ug/Kg	109	70 - 130	1	20	
4-Isopropyltoluene	50.0	47.8		ug/Kg	96	70 - 133	2	20	
Methylene Chloride	50.0	48.7		ug/Kg	97	70 - 134	2	20	
4-Methyl-2-pentanone (MIBK)	250	240		ug/Kg	96	60 - 160	7	20	
Naphthalene	50.0	57.1		ug/Kg	114	60 - 147	5	20	
N-Propylbenzene	50.0	48.5		ug/Kg	97	70 - 130	1	20	
Styrene	50.0	59.2		ug/Kg	118	70 - 130	3	20	
1,1,1,2-Tetrachloroethane	50.0	57.9		ug/Kg	116	70 - 130	3	20	
1,1,2,2-Tetrachloroethane	50.0	47.8		ug/Kg	96	70 - 146	5	20	
Tetrachloroethene	50.0	58.0		ug/Kg	116	70 - 132	1	20	
Toluene	50.0	50.5		ug/Kg	101	75 - 120	2	20	
1,2,3-Trichlorobenzene	50.0	55.6		ug/Kg	111	60 - 140	2	20	
1,2,4-Trichlorobenzene	50.0	55.6		ug/Kg	111	60 - 140	0	20	
1,1,1-Trichloroethane	50.0	53.2		ug/Kg	106	70 - 130	2	20	
1,1,2-Trichloroethane	50.0	52.5		ug/Kg	105	70 - 130	3	20	
Trichloroethene	50.0	55.6		ug/Kg	111	70 - 133	0	20	
Trichlorofluoromethane	50.0	55.3		ug/Kg	111	60 - 140	1	20	
1,2,3-Trichloropropane	50.0	51.8		ug/Kg	104	70 - 146	3	20	
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	49.9		ug/Kg	100	60 - 140	1	20	
1,2,4-Trimethylbenzene	50.0	52.0		ug/Kg	104	70 - 130	1	20	
1,3,5-Trimethylbenzene	50.0	52.0		ug/Kg	104	70 - 131	1	20	
Vinyl acetate	50.0	44.6		ug/Kg	89	38 - 176	4	20	
Vinyl chloride	50.0	58.7		ug/Kg	117	58 - 125	3	20	
m-Xylene & p-Xylene	50.0	52.2		ug/Kg	104	70 - 146	2	20	
o-Xylene	50.0	52.6		ug/Kg	105	70 - 140	3	20	
2,2-Dichloropropane	50.0	51.5		ug/Kg	103	70 - 162	8	20	

Surrogate	LCSD	LCSD	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene	105	45 - 131	
1,2-Dichloroethane-d4 (Surr)	99	60 - 140	
Toluene-d8 (Surr)	109	58 - 140	

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# QC Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

**Lab Sample ID: LCSD 720-229505/9**

**Matrix: Solid**

**Analysis Batch: 229505**

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

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec.	RPD	RPD Limit
		Result	Qualifier			Limits		
Gasoline Range Organics (GRO) -C5-C12	1000	1020		ug/Kg		102	61 - 128	0 20

Surrogate	LCSD	LCSD	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene	109		45 - 131
1,2-Dichloroethane-d4 (Surr)	103		60 - 140
Toluene-d8 (Surr)	111		58 - 140

**Lab Sample ID: MB 720-229591/5**

**Matrix: Solid**

**Analysis Batch: 229591**

**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	1.2	ug/Kg			09/06/17 10:00	1
Acetone	ND		50	38	ug/Kg			09/06/17 10:00	1
Benzene	ND		5.0	0.65	ug/Kg			09/06/17 10:00	1
Dichlorobromomethane	ND		5.0	0.72	ug/Kg			09/06/17 10:00	1
Bromobenzene	ND		5.0	0.79	ug/Kg			09/06/17 10:00	1
Chlorobromomethane	ND		20	0.72	ug/Kg			09/06/17 10:00	1
Bromoform	ND		5.0	2.0	ug/Kg			09/06/17 10:00	1
Bromomethane	ND		10	0.79	ug/Kg			09/06/17 10:00	1
2-Butanone (MEK)	ND		50	21	ug/Kg			09/06/17 10:00	1
n-Butylbenzene	ND		5.0	1.0	ug/Kg			09/06/17 10:00	1
sec-Butylbenzene	ND		5.0	0.72	ug/Kg			09/06/17 10:00	1
tert-Butylbenzene	ND		5.0	0.73	ug/Kg			09/06/17 10:00	1
Carbon disulfide	ND		5.0	2.0	ug/Kg			09/06/17 10:00	1
Carbon tetrachloride	ND		5.0	0.62	ug/Kg			09/06/17 10:00	1
Chlorobenzene	ND		5.0	0.69	ug/Kg			09/06/17 10:00	1
Chloroethane	ND		10	0.56	ug/Kg			09/06/17 10:00	1
Chloroform	ND		5.0	0.66	ug/Kg			09/06/17 10:00	1
Chloromethane	ND		10	0.72	ug/Kg			09/06/17 10:00	1
2-Chlorotoluene	ND		5.0	0.65	ug/Kg			09/06/17 10:00	1
4-Chlorotoluene	ND		5.0	0.68	ug/Kg			09/06/17 10:00	1
Chlorodibromomethane	ND		5.0	0.71	ug/Kg			09/06/17 10:00	1
1,2-Dichlorobenzene	ND		5.0	0.68	ug/Kg			09/06/17 10:00	1
1,3-Dichlorobenzene	ND		5.0	0.72	ug/Kg			09/06/17 10:00	1
1,4-Dichlorobenzene	ND		5.0	0.71	ug/Kg			09/06/17 10:00	1
1,3-Dichloropropane	ND		5.0	0.73	ug/Kg			09/06/17 10:00	1
1,1-Dichloropropene	ND		5.0	0.69	ug/Kg			09/06/17 10:00	1
1,2-Dibromo-3-Chloropropane	ND		10	1.7	ug/Kg			09/06/17 10:00	1
Ethylene Dibromide	ND		5.0	1.4	ug/Kg			09/06/17 10:00	1
Dibromomethane	ND		10	0.86	ug/Kg			09/06/17 10:00	1
Dichlorodifluoromethane	ND		10	0.79	ug/Kg			09/06/17 10:00	1
1,1-Dichloroethane	ND		5.0	0.68	ug/Kg			09/06/17 10:00	1
1,2-Dichloroethane	ND		5.0	0.76	ug/Kg			09/06/17 10:00	1
1,1-Dichloroethene	ND		5.0	0.62	ug/Kg			09/06/17 10:00	1
cis-1,2-Dichloroethene	ND		5.0	0.68	ug/Kg			09/06/17 10:00	1
trans-1,2-Dichloroethene	ND		5.0	0.75	ug/Kg			09/06/17 10:00	1

TestAmerica Pleasanton

# QC Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

**Lab Sample ID: MB 720-229591/5**

**Matrix: Solid**

**Analysis Batch: 229591**

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

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier									
1,2-Dichloropropane	ND				5.0	0.63	ug/Kg			09/06/17 10:00	1
cis-1,3-Dichloropropene	ND				5.0	0.69	ug/Kg			09/06/17 10:00	1
trans-1,3-Dichloropropene	ND				5.0	0.67	ug/Kg			09/06/17 10:00	1
Ethylbenzene	ND				5.0	0.75	ug/Kg			09/06/17 10:00	1
Hexachlorobutadiene	ND				5.0	0.90	ug/Kg			09/06/17 10:00	1
2-Hexanone	ND				50	10	ug/Kg			09/06/17 10:00	1
Isopropylbenzene	ND				5.0	0.68	ug/Kg			09/06/17 10:00	1
4-Isopropyltoluene	ND				5.0	2.5	ug/Kg			09/06/17 10:00	1
Methylene Chloride	ND				10	4.0	ug/Kg			09/06/17 10:00	1
4-Methyl-2-pentanone (MIBK)	ND				50	10	ug/Kg			09/06/17 10:00	1
Naphthalene	ND				10	1.5	ug/Kg			09/06/17 10:00	1
N-Propylbenzene	ND				5.0	0.66	ug/Kg			09/06/17 10:00	1
Styrene	ND				5.0	0.63	ug/Kg			09/06/17 10:00	1
1,1,1,2-Tetrachloroethane	ND				5.0	0.76	ug/Kg			09/06/17 10:00	1
1,1,2,2-Tetrachloroethane	ND				5.0	0.75	ug/Kg			09/06/17 10:00	1
Tetrachloroethene	ND				5.0	0.67	ug/Kg			09/06/17 10:00	1
Toluene	ND				5.0	0.71	ug/Kg			09/06/17 10:00	1
1,2,3-Trichlorobenzene	ND				5.0	0.74	ug/Kg			09/06/17 10:00	1
1,2,4-Trichlorobenzene	ND				5.0	0.71	ug/Kg			09/06/17 10:00	1
1,1,1-Trichloroethane	ND				5.0	0.61	ug/Kg			09/06/17 10:00	1
1,1,2-Trichloroethane	ND				5.0	0.70	ug/Kg			09/06/17 10:00	1
Trichloroethene	ND				5.0	0.63	ug/Kg			09/06/17 10:00	1
Trichlorofluoromethane	ND				5.0	0.56	ug/Kg			09/06/17 10:00	1
1,2,3-Trichloropropane	ND				5.0	0.77	ug/Kg			09/06/17 10:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND				5.0	2.1	ug/Kg			09/06/17 10:00	1
1,2,4-Trimethylbenzene	ND				5.0	1.6	ug/Kg			09/06/17 10:00	1
1,3,5-Trimethylbenzene	ND				5.0	0.65	ug/Kg			09/06/17 10:00	1
Vinyl acetate	ND				20	5.0	ug/Kg			09/06/17 10:00	1
Vinyl chloride	ND				5.0	0.73	ug/Kg			09/06/17 10:00	1
Xylenes, Total	ND				10	1.2	ug/Kg			09/06/17 10:00	1
2,2-Dichloropropane	ND				5.0	2.0	ug/Kg			09/06/17 10:00	1
Gasoline Range Organics (GRO) -C5-C12	ND				250	100	ug/Kg			09/06/17 10:00	1

### MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	107		45 - 131			1
1,2-Dichloroethane-d4 (Surr)	101		60 - 140			1
Toluene-d8 (Surr)	109		58 - 140			1

**Lab Sample ID: LCS 720-229591/6**

**Matrix: Solid**

**Analysis Batch: 229591**

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

Analyte	Spike	LCS	LCS	Unit	D	%Rec	Limits
	Added	Result	Qualifier				
Methyl tert-butyl ether	50.0	58.0		ug/Kg		116	70 - 144
Acetone	250	249		ug/Kg		99	30 - 162
Benzene	50.0	47.4		ug/Kg		95	70 - 130
Dichlorobromomethane	50.0	56.9		ug/Kg		114	70 - 140

TestAmerica Pleasanton

# QC Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

**Lab Sample ID: LCS 720-229591/6**

**Matrix: Solid**

**Analysis Batch: 229591**

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

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec.	Limits	
	Added	Result	Qualifier						
Bromobenzene	50.0	53.6		ug/Kg		107	70 - 130		
Chlorobromomethane	50.0	58.0		ug/Kg		116	70 - 130		
Bromoform	50.0	65.5		ug/Kg		131	59 - 158		
Bromomethane	50.0	55.1		ug/Kg		110	59 - 132		
2-Butanone (MEK)	250	252		ug/Kg		101	59 - 159		
n-Butylbenzene	50.0	49.9		ug/Kg		100	70 - 142		
sec-Butylbenzene	50.0	50.7		ug/Kg		101	70 - 136		
tert-Butylbenzene	50.0	55.0		ug/Kg		110	70 - 130		
Carbon disulfide	50.0	41.3		ug/Kg		83	60 - 140		
Carbon tetrachloride	50.0	54.2		ug/Kg		108	70 - 142		
Chlorobenzene	50.0	48.8		ug/Kg		98	70 - 130		
Chloroethane	50.0	49.7		ug/Kg		99	65 - 130		
Chloroform	50.0	50.9		ug/Kg		102	77 - 127		
Chloromethane	50.0	44.6		ug/Kg		89	55 - 140		
2-Chlorotoluene	50.0	50.0		ug/Kg		100	70 - 138		
4-Chlorotoluene	50.0	50.4		ug/Kg		101	70 - 136		
Chlorodibromomethane	50.0	59.8		ug/Kg		120	70 - 146		
1,2-Dichlorobenzene	50.0	51.7		ug/Kg		103	70 - 130		
1,3-Dichlorobenzene	50.0	51.7		ug/Kg		103	70 - 131		
1,4-Dichlorobenzene	50.0	51.1		ug/Kg		102	70 - 130		
1,3-Dichloropropane	50.0	50.6		ug/Kg		101	70 - 140		
1,1-Dichloropropene	50.0	51.1		ug/Kg		102	70 - 130		
1,2-Dibromo-3-Chloropropane	50.0	64.8		ug/Kg		130	60 - 145		
Ethylene Dibromide	50.0	57.6		ug/Kg		115	70 - 140		
Dibromomethane	50.0	52.8		ug/Kg		106	70 - 139		
Dichlorodifluoromethane	50.0	59.5		ug/Kg		119	37 - 158		
1,1-Dichloroethane	50.0	46.4		ug/Kg		93	70 - 130		
1,2-Dichloroethane	50.0	50.6		ug/Kg		101	70 - 130		
1,1-Dichloroethene	50.0	47.0		ug/Kg		94	74 - 122		
cis-1,2-Dichloroethene	50.0	47.4		ug/Kg		95	70 - 138		
trans-1,2-Dichloroethene	50.0	49.9		ug/Kg		100	67 - 130		
1,2-Dichloropropane	50.0	45.9		ug/Kg		92	73 - 127		
cis-1,3-Dichloropropene	50.0	51.7		ug/Kg		103	68 - 147		
trans-1,3-Dichloropropene	50.0	54.5		ug/Kg		109	70 - 155		
Ethylbenzene	50.0	46.7		ug/Kg		93	80 - 137		
Hexachlorobutadiene	50.0	53.8		ug/Kg		108	70 - 132		
2-Hexanone	250	247		ug/Kg		99	62 - 158		
Isopropylbenzene	50.0	54.3		ug/Kg		109	70 - 130		
4-Isopropyltoluene	50.0	50.1		ug/Kg		100	70 - 133		
Methylene Chloride	50.0	48.1		ug/Kg		96	70 - 134		
4-Methyl-2-pentanone (MIBK)	250	248		ug/Kg		99	60 - 160		
Naphthalene	50.0	56.9		ug/Kg		114	60 - 147		
N-Propylbenzene	50.0	49.9		ug/Kg		100	70 - 130		
Styrene	50.0	58.3		ug/Kg		117	70 - 130		
1,1,1,2-Tetrachloroethane	50.0	56.6		ug/Kg		113	70 - 130		
1,1,2,2-Tetrachloroethane	50.0	49.0		ug/Kg		98	70 - 146		
Tetrachloroethene	50.0	56.7		ug/Kg		113	70 - 132		
Toluene	50.0	49.4		ug/Kg		99	75 - 120		

TestAmerica Pleasanton

# QC Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

**Lab Sample ID: LCS 720-229591/6**

**Matrix: Solid**

**Analysis Batch: 229591**

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

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec.	Limits	
	Added	Result	Qualifier						
1,2,3-Trichlorobenzene	50.0	55.0		ug/Kg		110	60 - 140		
1,2,4-Trichlorobenzene	50.0	56.0		ug/Kg		112	60 - 140		
1,1,1-Trichloroethane	50.0	53.5		ug/Kg		107	70 - 130		
1,1,2-Trichloroethane	50.0	52.5		ug/Kg		105	70 - 130		
Trichloroethene	50.0	54.4		ug/Kg		109	70 - 133		
Trichlorofluoromethane	50.0	54.4		ug/Kg		109	60 - 140		
1,2,3-Trichloropropane	50.0	52.2		ug/Kg		104	70 - 146		
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	50.7		ug/Kg		101	60 - 140		
ne									
1,2,4-Trimethylbenzene	50.0	54.1		ug/Kg		108	70 - 130		
1,3,5-Trimethylbenzene	50.0	53.6		ug/Kg		107	70 - 131		
Vinyl acetate	50.0	45.5		ug/Kg		91	38 - 176		
Vinyl chloride	50.0	56.2		ug/Kg		112	58 - 125		
m-Xylene & p-Xylene	50.0	51.5		ug/Kg		103	70 - 146		
o-Xylene	50.0	52.0		ug/Kg		104	70 - 140		
2,2-Dichloropropane	50.0	56.2		ug/Kg		112	70 - 162		

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene	104		45 - 131
1,2-Dichloroethane-d4 (Surr)	100		60 - 140
Toluene-d8 (Surr)	110		58 - 140

**Lab Sample ID: LCS 720-229591/8**

**Matrix: Solid**

**Analysis Batch: 229591**

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

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec.	Limits	
	Added	Result	Qualifier						
Gasoline Range Organics (GRO)	1000	987		ug/Kg		99	61 - 128		
-C5-C12									

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene	109		45 - 131
1,2-Dichloroethane-d4 (Surr)	102		60 - 140
Toluene-d8 (Surr)	110		58 - 140

**Lab Sample ID: LCSD 720-229591/7**

**Matrix: Solid**

**Analysis Batch: 229591**

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

Analyte	Spike	LCSD	LCSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Added	Result	Qualifier						
Methyl tert-butyl ether	50.0	55.0		ug/Kg		110	70 - 144	5	20
Acetone	250	215		ug/Kg		86	30 - 162	14	30
Benzene	50.0	46.6		ug/Kg		93	70 - 130	2	20
Dichlorobromomethane	50.0	55.5		ug/Kg		111	70 - 140	2	20
Bromobenzene	50.0	52.6		ug/Kg		105	70 - 130	2	20
Chlorobromomethane	50.0	55.6		ug/Kg		111	70 - 130	4	20
Bromoform	50.0	62.0		ug/Kg		124	59 - 158	6	20
Bromomethane	50.0	54.2		ug/Kg		108	59 - 132	2	20

TestAmerica Pleasanton

# QC Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

**Lab Sample ID: LCSD 720-229591/7**

**Matrix: Solid**

**Analysis Batch: 229591**

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

Analyte	Spike	LCSD	LCSD	Unit	D	%Rec	%Rec.		RPD	RPD Limit
	Added	Result	Qualifier				Limits	RPD		
2-Butanone (MEK)	250	238		ug/Kg	95	59 - 159	6	20		
n-Butylbenzene	50.0	48.0		ug/Kg	96	70 - 142	4	20		
sec-Butylbenzene	50.0	49.4		ug/Kg	99	70 - 136	3	20		
tert-Butylbenzene	50.0	54.1		ug/Kg	108	70 - 130	2	20		
Carbon disulfide	50.0	40.3		ug/Kg	81	60 - 140	2	20		
Carbon tetrachloride	50.0	53.5		ug/Kg	107	70 - 142	1	20		
Chlorobenzene	50.0	47.9		ug/Kg	96	70 - 130	2	20		
Chloroethane	50.0	49.0		ug/Kg	98	65 - 130	2	20		
Chloroform	50.0	50.2		ug/Kg	100	77 - 127	2	20		
Chloromethane	50.0	43.3		ug/Kg	87	55 - 140	3	20		
2-Chlorotoluene	50.0	49.3		ug/Kg	99	70 - 138	1	20		
4-Chlorotoluene	50.0	49.2		ug/Kg	98	70 - 136	3	20		
Chlorodibromomethane	50.0	57.3		ug/Kg	115	70 - 146	4	20		
1,2-Dichlorobenzene	50.0	49.6		ug/Kg	99	70 - 130	4	20		
1,3-Dichlorobenzene	50.0	49.9		ug/Kg	100	70 - 131	3	20		
1,4-Dichlorobenzene	50.0	49.5		ug/Kg	99	70 - 130	3	20		
1,3-Dichloropropane	50.0	48.1		ug/Kg	96	70 - 140	5	20		
1,1-Dichloropropene	50.0	50.4		ug/Kg	101	70 - 130	1	20		
1,2-Dibromo-3-Chloropropane	50.0	59.5		ug/Kg	119	60 - 145	9	20		
Ethylene Dibromide	50.0	54.1		ug/Kg	108	70 - 140	6	20		
Dibromomethane	50.0	50.5		ug/Kg	101	70 - 139	4	20		
Dichlorodifluoromethane	50.0	57.6		ug/Kg	115	37 - 158	3	20		
1,1-Dichloroethane	50.0	45.8		ug/Kg	92	70 - 130	1	20		
1,2-Dichloroethane	50.0	49.0		ug/Kg	98	70 - 130	3	20		
1,1-Dichloroethene	50.0	45.8		ug/Kg	92	74 - 122	3	20		
cis-1,2-Dichloroethene	50.0	46.3		ug/Kg	93	70 - 138	2	20		
trans-1,2-Dichloroethene	50.0	49.2		ug/Kg	98	67 - 130	2	20		
1,2-Dichloropropane	50.0	44.8		ug/Kg	90	73 - 127	2	20		
cis-1,3-Dichloropropene	50.0	49.7		ug/Kg	99	68 - 147	4	20		
trans-1,3-Dichloropropene	50.0	52.1		ug/Kg	104	70 - 155	5	20		
Ethylbenzene	50.0	46.3		ug/Kg	93	80 - 137	1	20		
Hexachlorobutadiene	50.0	50.9		ug/Kg	102	70 - 132	6	20		
2-Hexanone	250	227		ug/Kg	91	62 - 158	9	20		
Isopropylbenzene	50.0	53.6		ug/Kg	107	70 - 130	1	20		
4-Isopropyltoluene	50.0	48.6		ug/Kg	97	70 - 133	3	20		
Methylene Chloride	50.0	46.6		ug/Kg	93	70 - 134	3	20		
4-Methyl-2-pentanone (MIBK)	250	229		ug/Kg	92	60 - 160	8	20		
Naphthalene	50.0	54.0		ug/Kg	108	60 - 147	5	20		
N-Propylbenzene	50.0	49.0		ug/Kg	98	70 - 130	2	20		
Styrene	50.0	57.4		ug/Kg	115	70 - 130	2	20		
1,1,1,2-Tetrachloroethane	50.0	55.9		ug/Kg	112	70 - 130	1	20		
1,1,2,2-Tetrachloroethane	50.0	46.1		ug/Kg	92	70 - 146	6	20		
Tetrachloroethene	50.0	55.1		ug/Kg	110	70 - 132	3	20		
Toluene	50.0	48.9		ug/Kg	98	75 - 120	1	20		
1,2,3-Trichlorobenzene	50.0	52.5		ug/Kg	105	60 - 140	5	20		
1,2,4-Trichlorobenzene	50.0	53.1		ug/Kg	106	60 - 140	5	20		
1,1,1-Trichloroethane	50.0	52.7		ug/Kg	105	70 - 130	2	20		
1,1,2-Trichloroethane	50.0	50.1		ug/Kg	100	70 - 130	5	20		

TestAmerica Pleasanton

# QC Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

**Lab Sample ID: LCSD 720-229591/7**

**Matrix: Solid**

**Analysis Batch: 229591**

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

Analyte	Spike	LCSD	LCSD	Unit	D	%Rec.	Limits	RPD	RPD Limit
	Added	Result	Qualifier			%Rec			
Trichloroethene	50.0	53.4		ug/Kg		107	70 - 133	2	20
Trichlorofluoromethane	50.0	53.1		ug/Kg		106	60 - 140	2	20
1,2,3-Trichloropropane	50.0	49.5		ug/Kg		99	70 - 146	5	20
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	48.9		ug/Kg		98	60 - 140	3	20
ne									
1,2,4-Trimethylbenzene	50.0	53.0		ug/Kg		106	70 - 130	2	20
1,3,5-Trimethylbenzene	50.0	52.8		ug/Kg		106	70 - 131	1	20
Vinyl acetate	50.0	43.4		ug/Kg		87	38 - 176	5	20
Vinyl chloride	50.0	55.1		ug/Kg		110	58 - 125	2	20
m-Xylene & p-Xylene	50.0	50.7		ug/Kg		101	70 - 146	2	20
o-Xylene	50.0	51.4		ug/Kg		103	70 - 140	1	20
2,2-Dichloropropane	50.0	53.8		ug/Kg		108	70 - 162	4	20
<hr/>									
Surrogate	LCSD	LCSD	Limits	Unit	D	%Rec.	Limits	RPD	RPD Limit
	%Recovery	Qualifier							
4-Bromofluorobenzene	105		45 - 131						
1,2-Dichloroethane-d4 (Surr)	99		60 - 140						
Toluene-d8 (Surr)	110		58 - 140						

**Lab Sample ID: LCSD 720-229591/9**

**Matrix: Solid**

**Analysis Batch: 229591**

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

Analyte	Spike	LCSD	LCSD	Unit	D	%Rec.	Limits	RPD	RPD Limit
	Added	Result	Qualifier			%Rec			
Gasoline Range Organics (GRO) -C5-C12	1000	947		ug/Kg		95	61 - 128	4	20
<hr/>									
Surrogate	LCSD	LCSD	Limits	Unit	D	%Rec.	Limits	RPD	RPD Limit
	%Recovery	Qualifier							
4-Bromofluorobenzene	108		45 - 131						
1,2-Dichloroethane-d4 (Surr)	105		60 - 140						
Toluene-d8 (Surr)	109		58 - 140						

**Lab Sample ID: MB 720-229592/4**

**Matrix: Solid**

**Analysis Batch: 229592**

**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	1.2	ug/Kg			09/06/17 10:06	1
Acetone	ND		50	38	ug/Kg			09/06/17 10:06	1
Benzene	ND		5.0	0.65	ug/Kg			09/06/17 10:06	1
Dichlorobromomethane	ND		5.0	0.72	ug/Kg			09/06/17 10:06	1
Bromobenzene	ND		5.0	0.79	ug/Kg			09/06/17 10:06	1
Chlorobromomethane	ND		20	0.72	ug/Kg			09/06/17 10:06	1
Bromoform	ND		5.0	2.0	ug/Kg			09/06/17 10:06	1
Bromomethane	ND		10	0.79	ug/Kg			09/06/17 10:06	1
2-Butanone (MEK)	ND		50	21	ug/Kg			09/06/17 10:06	1
n-Butylbenzene	ND		5.0	1.0	ug/Kg			09/06/17 10:06	1
sec-Butylbenzene	ND		5.0	0.72	ug/Kg			09/06/17 10:06	1
tert-Butylbenzene	ND		5.0	0.73	ug/Kg			09/06/17 10:06	1

TestAmerica Pleasanton

# QC Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: MB 720-229592/4

Matrix: Solid

Analysis Batch: 229592

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

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	ND		ND		5.0	2.0	ug/Kg			09/06/17 10:06	1
Carbon tetrachloride	ND		ND		5.0	0.62	ug/Kg			09/06/17 10:06	1
Chlorobenzene	ND		ND		5.0	0.69	ug/Kg			09/06/17 10:06	1
Chloroethane	ND				10	0.56	ug/Kg			09/06/17 10:06	1
Chloroform	ND		ND		5.0	0.66	ug/Kg			09/06/17 10:06	1
Chloromethane	ND				10	0.72	ug/Kg			09/06/17 10:06	1
2-Chlorotoluene	ND				5.0	0.65	ug/Kg			09/06/17 10:06	1
4-Chlorotoluene	ND		ND		5.0	0.68	ug/Kg			09/06/17 10:06	1
Chlorodibromomethane	ND				5.0	0.71	ug/Kg			09/06/17 10:06	1
1,2-Dichlorobenzene	ND				5.0	0.68	ug/Kg			09/06/17 10:06	1
1,3-Dichlorobenzene	ND				5.0	0.72	ug/Kg			09/06/17 10:06	1
1,4-Dichlorobenzene	ND				5.0	0.71	ug/Kg			09/06/17 10:06	1
1,3-Dichloropropane	ND				5.0	0.73	ug/Kg			09/06/17 10:06	1
1,1-Dichloropropene	ND				5.0	0.69	ug/Kg			09/06/17 10:06	1
1,2-Dibromo-3-Chloropropane	ND				10	1.7	ug/Kg			09/06/17 10:06	1
Ethylene Dibromide	ND				5.0	1.4	ug/Kg			09/06/17 10:06	1
Dibromomethane	ND				10	0.86	ug/Kg			09/06/17 10:06	1
Dichlorodifluoromethane	ND				10	0.79	ug/Kg			09/06/17 10:06	1
1,1-Dichloroethane	ND				5.0	0.68	ug/Kg			09/06/17 10:06	1
1,2-Dichloroethane	ND				5.0	0.76	ug/Kg			09/06/17 10:06	1
1,1-Dichloroethene	ND				5.0	0.62	ug/Kg			09/06/17 10:06	1
cis-1,2-Dichloroethene	ND				5.0	0.68	ug/Kg			09/06/17 10:06	1
trans-1,2-Dichloroethene	ND				5.0	0.75	ug/Kg			09/06/17 10:06	1
1,2-Dichloropropane	ND				5.0	0.63	ug/Kg			09/06/17 10:06	1
cis-1,3-Dichloropropene	ND				5.0	0.69	ug/Kg			09/06/17 10:06	1
trans-1,3-Dichloropropene	ND				5.0	0.67	ug/Kg			09/06/17 10:06	1
Ethylbenzene	ND				5.0	0.75	ug/Kg			09/06/17 10:06	1
Hexachlorobutadiene	ND				5.0	0.90	ug/Kg			09/06/17 10:06	1
2-Hexanone	ND				50	10	ug/Kg			09/06/17 10:06	1
Isopropylbenzene	ND				5.0	0.68	ug/Kg			09/06/17 10:06	1
4-Isopropyltoluene	ND				5.0	2.5	ug/Kg			09/06/17 10:06	1
Methylene Chloride	ND				10	4.0	ug/Kg			09/06/17 10:06	1
4-Methyl-2-pentanone (MIBK)	ND				50	10	ug/Kg			09/06/17 10:06	1
Naphthalene	ND				10	1.5	ug/Kg			09/06/17 10:06	1
N-Propylbenzene	ND				5.0	0.66	ug/Kg			09/06/17 10:06	1
Styrene	ND				5.0	0.63	ug/Kg			09/06/17 10:06	1
1,1,1,2-Tetrachloroethane	ND				5.0	0.76	ug/Kg			09/06/17 10:06	1
1,1,2,2-Tetrachloroethane	ND				5.0	0.75	ug/Kg			09/06/17 10:06	1
Tetrachloroethene	ND				5.0	0.67	ug/Kg			09/06/17 10:06	1
Toluene	ND				5.0	0.71	ug/Kg			09/06/17 10:06	1
1,2,3-Trichlorobenzene	ND				5.0	0.74	ug/Kg			09/06/17 10:06	1
1,2,4-Trichlorobenzene	ND				5.0	0.71	ug/Kg			09/06/17 10:06	1
1,1,1-Trichloroethane	ND				5.0	0.61	ug/Kg			09/06/17 10:06	1
1,1,2-Trichloroethane	ND				5.0	0.70	ug/Kg			09/06/17 10:06	1
Trichloroethene	ND				5.0	0.63	ug/Kg			09/06/17 10:06	1
Trichlorofluoromethane	ND				5.0	0.56	ug/Kg			09/06/17 10:06	1
1,2,3-Trichloropropane	ND				5.0	0.77	ug/Kg			09/06/17 10:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND				5.0	2.1	ug/Kg			09/06/17 10:06	1

TestAmerica Pleasanton

# QC Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

**Lab Sample ID: MB 720-229592/4**

**Matrix: Solid**

**Analysis Batch: 229592**

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

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,2,4-Trimethylbenzene	ND		5.0	1.6	ug/Kg			09/06/17 10:06	1
1,3,5-Trimethylbenzene	ND		5.0	0.65	ug/Kg			09/06/17 10:06	1
Vinyl acetate	ND		20	5.0	ug/Kg			09/06/17 10:06	1
Vinyl chloride	ND		5.0	0.73	ug/Kg			09/06/17 10:06	1
Xylenes, Total	ND		10	1.2	ug/Kg			09/06/17 10:06	1
2,2-Dichloropropane	ND		5.0	2.0	ug/Kg			09/06/17 10:06	1
Gasoline Range Organics (GRO) -C5-C12	ND		250	100	ug/Kg			09/06/17 10:06	1

Surrogate	MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene	93		45 - 131		09/06/17 10:06	1
1,2-Dichloroethane-d4 (Surr)	107		60 - 140		09/06/17 10:06	1
Toluene-d8 (Surr)	95		58 - 140		09/06/17 10:06	1

**Lab Sample ID: LCS 720-229592/5**

**Matrix: Solid**

**Analysis Batch: 229592**

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

Analyte	Spike Added	LCS		Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
Methyl tert-butyl ether	50.0	55.3		ug/Kg		111	70 - 144
Acetone	250	273		ug/Kg		109	30 - 162
Benzene	50.0	52.0		ug/Kg		104	70 - 130
Dichlorobromomethane	50.0	57.5		ug/Kg		115	70 - 140
Bromobenzene	50.0	51.8		ug/Kg		104	70 - 130
Chlorobromomethane	50.0	53.8		ug/Kg		108	70 - 130
Bromoform	50.0	53.5		ug/Kg		107	59 - 158
Bromomethane	50.0	47.6		ug/Kg		95	59 - 132
2-Butanone (MEK)	250	258		ug/Kg		103	59 - 159
n-Butylbenzene	50.0	49.4		ug/Kg		99	70 - 142
sec-Butylbenzene	50.0	50.5		ug/Kg		101	70 - 136
tert-Butylbenzene	50.0	51.7		ug/Kg		103	70 - 130
Carbon disulfide	50.0	56.3		ug/Kg		113	60 - 140
Carbon tetrachloride	50.0	56.9		ug/Kg		114	70 - 142
Chlorobenzene	50.0	52.0		ug/Kg		104	70 - 130
Chloroethane	50.0	47.3		ug/Kg		95	65 - 130
Chloroform	50.0	54.0		ug/Kg		108	77 - 127
Chloromethane	50.0	47.5		ug/Kg		95	55 - 140
2-Chlorotoluene	50.0	51.3		ug/Kg		103	70 - 138
4-Chlorotoluene	50.0	51.7		ug/Kg		103	70 - 136
Chlorodibromomethane	50.0	52.4		ug/Kg		105	70 - 146
1,2-Dichlorobenzene	50.0	52.6		ug/Kg		105	70 - 130
1,3-Dichlorobenzene	50.0	51.4		ug/Kg		103	70 - 131
1,4-Dichlorobenzene	50.0	51.5		ug/Kg		103	70 - 130
1,3-Dichloropropane	50.0	51.1		ug/Kg		102	70 - 140
1,1-Dichloropropene	50.0	53.9		ug/Kg		108	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	53.8		ug/Kg		108	60 - 145
Ethylene Dibromide	50.0	51.3		ug/Kg		103	70 - 140
Dibromomethane	50.0	54.5		ug/Kg		109	70 - 139

TestAmerica Pleasanton

# QC Sample Results

Client: Haley & Aldrich, Inc.

Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

**Lab Sample ID: LCS 720-229592/5**

**Matrix: Solid**

**Analysis Batch: 229592**

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

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec.	Limits	
	Added	Result	Qualifier						
Dichlorodifluoromethane	50.0	47.9		ug/Kg		96	37 - 158		
1,1-Dichloroethane	50.0	52.8		ug/Kg		106	70 - 130		
1,2-Dichloroethane	50.0	56.9		ug/Kg		114	70 - 130		
1,1-Dichloroethene	50.0	54.0		ug/Kg		108	74 - 122		
cis-1,2-Dichloroethene	50.0	52.7		ug/Kg		105	70 - 138		
trans-1,2-Dichloroethene	50.0	54.8		ug/Kg		110	67 - 130		
1,2-Dichloropropane	50.0	52.1		ug/Kg		104	73 - 127		
cis-1,3-Dichloropropene	50.0	50.9		ug/Kg		102	68 - 147		
trans-1,3-Dichloropropene	50.0	50.4		ug/Kg		101	70 - 155		
Ethylbenzene	50.0	52.2		ug/Kg		104	80 - 137		
Hexachlorobutadiene	50.0	53.1		ug/Kg		106	70 - 132		
2-Hexanone	250	247		ug/Kg		99	62 - 158		
Isopropylbenzene	50.0	53.2		ug/Kg		106	70 - 130		
4-Isopropyltoluene	50.0	51.1		ug/Kg		102	70 - 133		
Methylene Chloride	50.0	48.6		ug/Kg		97	70 - 134		
4-Methyl-2-pentanone (MIBK)	250	251		ug/Kg		100	60 - 160		
Naphthalene	50.0	52.9		ug/Kg		106	60 - 147		
N-Propylbenzene	50.0	49.9		ug/Kg		100	70 - 130		
Styrene	50.0	52.8		ug/Kg		106	70 - 130		
1,1,1,2-Tetrachloroethane	50.0	55.6		ug/Kg		111	70 - 130		
1,1,2,2-Tetrachloroethane	50.0	51.3		ug/Kg		103	70 - 146		
Tetrachloroethene	50.0	52.6		ug/Kg		105	70 - 132		
Toluene	50.0	52.1		ug/Kg		104	75 - 120		
1,2,3-Trichlorobenzene	50.0	53.8		ug/Kg		108	60 - 140		
1,2,4-Trichlorobenzene	50.0	52.1		ug/Kg		104	60 - 140		
1,1,1-Trichloroethane	50.0	56.5		ug/Kg		113	70 - 130		
1,1,2-Trichloroethane	50.0	54.9		ug/Kg		110	70 - 130		
Trichloroethene	50.0	53.0		ug/Kg		106	70 - 133		
Trichlorofluoromethane	50.0	54.6		ug/Kg		109	60 - 140		
1,2,3-Trichloropropane	50.0	52.9		ug/Kg		106	70 - 146		
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	52.4		ug/Kg		105	60 - 140		
ne									
1,2,4-Trimethylbenzene	50.0	52.3		ug/Kg		105	70 - 130		
1,3,5-Trimethylbenzene	50.0	53.2		ug/Kg		106	70 - 131		
Vinyl acetate	50.0	47.5		ug/Kg		95	38 - 176		
Vinyl chloride	50.0	49.1		ug/Kg		98	58 - 125		
m-Xylene & p-Xylene	50.0	50.4		ug/Kg		101	70 - 146		
o-Xylene	50.0	53.0		ug/Kg		106	70 - 140		
2,2-Dichloropropane	50.0	59.4		ug/Kg		119	70 - 162		

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene	99		45 - 131
1,2-Dichloroethane-d4 (Surr)	102		60 - 140
Toluene-d8 (Surr)	97		58 - 140

TestAmerica Pleasanton

# QC Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

**Lab Sample ID: LCS 720-229592/7**

**Matrix: Solid**

**Analysis Batch: 229592**

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.
		864		ug/Kg	86		Limits
Gasoline Range Organics (GRO) -C5-C12	1000						61 - 128

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	99		45 - 131
1,2-Dichloroethane-d4 (Surr)	106		60 - 140
Toluene-d8 (Surr)	98		58 - 140

**Lab Sample ID: LCSD 720-229592/6**

**Matrix: Solid**

**Analysis Batch: 229592**

**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
		ug/Kg		ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
Methyl tert-butyl ether	50.0	56.7		ug/Kg		113	70 - 144	2	20
Acetone	250	278		ug/Kg		111	30 - 162	2	30
Benzene	50.0	52.5		ug/Kg		105	70 - 130	1	20
Dichlorobromomethane	50.0	57.6		ug/Kg		115	70 - 140	0	20
Bromobenzene	50.0	51.1		ug/Kg		102	70 - 130	1	20
Chlorobromomethane	50.0	53.7		ug/Kg		107	70 - 130	0	20
Bromoform	50.0	54.4		ug/Kg		109	59 - 158	2	20
Bromomethane	50.0	48.3		ug/Kg		97	59 - 132	1	20
2-Butanone (MEK)	250	267		ug/Kg		107	59 - 159	3	20
n-Butylbenzene	50.0	51.6		ug/Kg		103	70 - 142	4	20
sec-Butylbenzene	50.0	51.0		ug/Kg		102	70 - 136	1	20
tert-Butylbenzene	50.0	51.7		ug/Kg		103	70 - 130	0	20
Carbon disulfide	50.0	58.9		ug/Kg		118	60 - 140	4	20
Carbon tetrachloride	50.0	57.5		ug/Kg		115	70 - 142	1	20
Chlorobenzene	50.0	52.4		ug/Kg		105	70 - 130	1	20
Chloroethane	50.0	46.0		ug/Kg		92	65 - 130	3	20
Chloroform	50.0	54.5		ug/Kg		109	77 - 127	1	20
Chloromethane	50.0	48.4		ug/Kg		97	55 - 140	2	20
2-Chlorotoluene	50.0	51.3		ug/Kg		103	70 - 138	0	20
4-Chlorotoluene	50.0	52.6		ug/Kg		105	70 - 136	2	20
Chlorodibromomethane	50.0	53.0		ug/Kg		106	70 - 146	1	20
1,2-Dichlorobenzene	50.0	53.0		ug/Kg		106	70 - 130	1	20
1,3-Dichlorobenzene	50.0	51.7		ug/Kg		103	70 - 131	1	20
1,4-Dichlorobenzene	50.0	51.8		ug/Kg		104	70 - 130	1	20
1,3-Dichloropropane	50.0	52.0		ug/Kg		104	70 - 140	2	20
1,1-Dichloropropene	50.0	56.1		ug/Kg		112	70 - 130	4	20
1,2-Dibromo-3-Chloropropane	50.0	54.4		ug/Kg		109	60 - 145	1	20
Ethylene Dibromide	50.0	53.1		ug/Kg		106	70 - 140	4	20
Dibromomethane	50.0	55.6		ug/Kg		111	70 - 139	2	20
Dichlorodifluoromethane	50.0	46.8		ug/Kg		94	37 - 158	2	20
1,1-Dichloroethane	50.0	52.3		ug/Kg		105	70 - 130	1	20
1,2-Dichloroethane	50.0	57.4		ug/Kg		115	70 - 130	1	20
1,1-Dichloroethene	50.0	55.4		ug/Kg		111	74 - 122	3	20
cis-1,2-Dichloroethene	50.0	52.9		ug/Kg		106	70 - 138	0	20
trans-1,2-Dichloroethene	50.0	55.0		ug/Kg		110	67 - 130	0	20

TestAmerica Pleasanton

# QC Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

**Lab Sample ID: LCSD 720-229592/6**

**Matrix: Solid**

**Analysis Batch: 229592**

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

Analyte	Spike	LCSD	LCSD	Unit	D	%Rec.	Limits	RPD	RPD
	Added	Result	Qualifier			%Rec		Limit	
1,2-Dichloropropane	50.0	53.1		ug/Kg		106	73 - 127	2	20
cis-1,3-Dichloropropene	50.0	51.5		ug/Kg		103	68 - 147	1	20
trans-1,3-Dichloropropene	50.0	51.5		ug/Kg		103	70 - 155	2	20
Ethylbenzene	50.0	53.4		ug/Kg		107	80 - 137	2	20
Hexachlorobutadiene	50.0	54.3		ug/Kg		109	70 - 132	2	20
2-Hexanone	250	260		ug/Kg		104	62 - 158	5	20
Isopropylbenzene	50.0	54.3		ug/Kg		109	70 - 130	2	20
4-Isopropyltoluene	50.0	52.1		ug/Kg		104	70 - 133	2	20
Methylene Chloride	50.0	48.6		ug/Kg		97	70 - 134	0	20
4-Methyl-2-pentanone (MIBK)	250	262		ug/Kg		105	60 - 160	5	20
Naphthalene	50.0	56.5		ug/Kg		113	60 - 147	7	20
N-Propylbenzene	50.0	50.9		ug/Kg		102	70 - 130	2	20
Styrene	50.0	53.9		ug/Kg		108	70 - 130	2	20
1,1,1,2-Tetrachloroethane	50.0	56.2		ug/Kg		112	70 - 130	1	20
1,1,2,2-Tetrachloroethane	50.0	52.0		ug/Kg		104	70 - 146	1	20
Tetrachloroethylene	50.0	54.3		ug/Kg		109	70 - 132	3	20
Toluene	50.0	53.0		ug/Kg		106	75 - 120	2	20
1,2,3-Trichlorobenzene	50.0	56.7		ug/Kg		113	60 - 140	5	20
1,2,4-Trichlorobenzene	50.0	54.5		ug/Kg		109	60 - 140	4	20
1,1,1-Trichloroethane	50.0	56.6		ug/Kg		113	70 - 130	0	20
1,1,2-Trichloroethane	50.0	56.3		ug/Kg		113	70 - 130	3	20
Trichloroethylene	50.0	54.3		ug/Kg		109	70 - 133	2	20
Trichlorofluoromethane	50.0	53.0		ug/Kg		106	60 - 140	3	20
1,2,3-Trichloropropane	50.0	53.5		ug/Kg		107	70 - 146	1	20
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	57.8		ug/Kg		116	60 - 140	10	20
1,2,4-Trimethylbenzene	50.0	52.5		ug/Kg		105	70 - 130	0	20
1,3,5-Trimethylbenzene	50.0	53.2		ug/Kg		106	70 - 131	0	20
Vinyl acetate	50.0	46.7		ug/Kg		93	38 - 176	2	20
Vinyl chloride	50.0	50.3		ug/Kg		101	58 - 125	2	20
m-Xylene & p-Xylene	50.0	51.8		ug/Kg		104	70 - 146	3	20
o-Xylene	50.0	53.3		ug/Kg		107	70 - 140	1	20
2,2-Dichloropropane	50.0	59.5		ug/Kg		119	70 - 162	0	20

Surrogate	LCSD	LCSD	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene	99		45 - 131
1,2-Dichloroethane-d4 (Surr)	103		60 - 140
Toluene-d8 (Surr)	98		58 - 140

**Lab Sample ID: LCSD 720-229592/8**

**Matrix: Solid**

**Analysis Batch: 229592**

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

Analyte	Spike	LCSD	LCSD	Unit	D	%Rec.	Limits	RPD	RPD
	Added	Result	Qualifier			%Rec		Limit	
Gasoline Range Organics (GRO) -C5-C12	1000	854		ug/Kg		85	61 - 128	1	20

TestAmerica Pleasanton

# QC Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

**Lab Sample ID: LCSD 720-229592/8**

**Matrix: Solid**

**Analysis Batch: 229592**

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene	101		45 - 131
1,2-Dichloroethane-d4 (Surr)	104		60 - 140
Toluene-d8 (Surr)	99		58 - 140

**Client Sample ID: Lab Control Sample Dup**

**Prep Type: Total/NA**

**Lab Sample ID: MB 720-229594/4**

**Matrix: Water**

**Analysis Batch: 229594**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50	0.069	ug/L			09/06/17 09:49	1
Acetone	ND		50	20	ug/L			09/06/17 09:49	1
Benzene	ND		0.50	0.25	ug/L			09/06/17 09:49	1
Dichlorobromomethane	ND		0.50	0.20	ug/L			09/06/17 09:49	1
Bromobenzene	ND		1.0	0.20	ug/L			09/06/17 09:49	1
Chlorobromomethane	ND		1.0	0.25	ug/L			09/06/17 09:49	1
Bromoform	ND		1.0	0.50	ug/L			09/06/17 09:49	1
Bromomethane	ND		1.0	0.49	ug/L			09/06/17 09:49	1
2-Butanone (MEK)	ND		50	8.4	ug/L			09/06/17 09:49	1
n-Butylbenzene	ND		1.0	0.30	ug/L			09/06/17 09:49	1
sec-Butylbenzene	ND		1.0	0.17	ug/L			09/06/17 09:49	1
tert-Butylbenzene	ND		1.0	0.20	ug/L			09/06/17 09:49	1
Carbon disulfide	ND		5.0	0.78	ug/L			09/06/17 09:49	1
Carbon tetrachloride	ND		0.50	0.11	ug/L			09/06/17 09:49	1
Chlorobenzene	ND		0.50	0.13	ug/L			09/06/17 09:49	1
Chloroethane	ND		1.0	0.17	ug/L			09/06/17 09:49	1
Chloroform	ND		1.0	0.40	ug/L			09/06/17 09:49	1
Chloromethane	ND		1.0	0.19	ug/L			09/06/17 09:49	1
2-Chlorotoluene	ND		0.50	0.20	ug/L			09/06/17 09:49	1
4-Chlorotoluene	ND		0.50	0.20	ug/L			09/06/17 09:49	1
Chlorodibromomethane	ND		0.50	0.10	ug/L			09/06/17 09:49	1
1,2-Dichlorobenzene	ND		0.50	0.21	ug/L			09/06/17 09:49	1
1,3-Dichlorobenzene	ND		0.50	0.20	ug/L			09/06/17 09:49	1
1,4-Dichlorobenzene	ND		0.50	0.16	ug/L			09/06/17 09:49	1
1,3-Dichloropropane	ND		1.0	0.17	ug/L			09/06/17 09:49	1
1,1-Dichloropropene	ND		0.50	0.20	ug/L			09/06/17 09:49	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.30	ug/L			09/06/17 09:49	1
Ethylene Dibromide	ND		0.50	0.075	ug/L			09/06/17 09:49	1
Dibromomethane	ND		0.50	0.30	ug/L			09/06/17 09:49	1
Dichlorodifluoromethane	ND		0.50	0.25	ug/L			09/06/17 09:49	1
1,1-Dichloroethane	ND		0.50	0.11	ug/L			09/06/17 09:49	1
1,2-Dichloroethane	ND		0.50	0.077	ug/L			09/06/17 09:49	1
1,1-Dichloroethene	ND		0.50	0.20	ug/L			09/06/17 09:49	1
cis-1,2-Dichloroethene	ND		0.50	0.076	ug/L			09/06/17 09:49	1
trans-1,2-Dichloroethene	ND		0.50	0.13	ug/L			09/06/17 09:49	1
1,2-Dichloropropane	ND		0.50	0.20	ug/L			09/06/17 09:49	1
cis-1,3-Dichloropropene	ND		0.50	0.10	ug/L			09/06/17 09:49	1
trans-1,3-Dichloropropene	ND		0.50	0.17	ug/L			09/06/17 09:49	1
Ethylbenzene	ND		0.50	0.13	ug/L			09/06/17 09:49	1

TestAmerica Pleasanton

# QC Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

**Lab Sample ID: MB 720-229594/4**

**Matrix: Water**

**Analysis Batch: 229594**

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

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Hexachlorobutadiene	ND		1.0	0.27	ug/L			09/06/17 09:49	1
2-Hexanone	ND		50	3.0	ug/L			09/06/17 09:49	1
Isopropylbenzene	ND		0.50	0.20	ug/L			09/06/17 09:49	1
4-Isopropyltoluene	ND		1.0	0.20	ug/L			09/06/17 09:49	1
Methylene Chloride	ND		5.0	1.5	ug/L			09/06/17 09:49	1
4-Methyl-2-pentanone (MIBK)	ND		50	4.5	ug/L			09/06/17 09:49	1
Naphthalene	ND		1.0	0.22	ug/L			09/06/17 09:49	1
N-Propylbenzene	ND		1.0	0.20	ug/L			09/06/17 09:49	1
Styrene	ND		0.50	0.075	ug/L			09/06/17 09:49	1
1,1,1,2-Tetrachloroethane	ND		0.50	0.067	ug/L			09/06/17 09:49	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.074	ug/L			09/06/17 09:49	1
Tetrachloroethene	ND		0.50	0.20	ug/L			09/06/17 09:49	1
Toluene	ND		0.50	0.17	ug/L			09/06/17 09:49	1
1,2,3-Trichlorobenzene	ND		1.0	0.21	ug/L			09/06/17 09:49	1
1,2,4-Trichlorobenzene	ND		1.0	0.13	ug/L			09/06/17 09:49	1
1,1,1-Trichloroethane	ND		0.50	0.20	ug/L			09/06/17 09:49	1
1,1,2-Trichloroethane	ND		0.50	0.11	ug/L			09/06/17 09:49	1
Trichloroethene	ND		0.50	0.20	ug/L			09/06/17 09:49	1
Trichlorofluoromethane	ND		1.0	0.30	ug/L			09/06/17 09:49	1
1,2,3-Trichloropropane	ND		0.50	0.087	ug/L			09/06/17 09:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.091	ug/L			09/06/17 09:49	1
1,2,4-Trimethylbenzene	ND		0.50	0.20	ug/L			09/06/17 09:49	1
1,3,5-Trimethylbenzene	ND		0.50	0.17	ug/L			09/06/17 09:49	1
Vinyl acetate	ND		10	0.60	ug/L			09/06/17 09:49	1
Vinyl chloride	ND		0.50	0.20	ug/L			09/06/17 09:49	1
Xylenes, Total	ND		1.0	0.40	ug/L			09/06/17 09:49	1
2,2-Dichloropropane	ND		0.50	0.17	ug/L			09/06/17 09:49	1
Gasoline Range Organics (GRO) -C5-C12	ND		50	21	ug/L			09/06/17 09:49	1

**MB MB**

Surrogate	%Recovery	Qualifier	Limits		Prepared	Analyzed	Dil Fac
			67 - 130	70 - 130			
4-Bromofluorobenzene	88					09/06/17 09:49	1
1,2-Dichloroethane-d4 (Surr)	92					09/06/17 09:49	1
Toluene-d8 (Surr)	98					09/06/17 09:49	1

**Lab Sample ID: LCS 720-229594/5**

**Matrix: Water**

**Analysis Batch: 229594**

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

Analyte	Spike Added	LCS		Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
Methyl tert-butyl ether	25.0	23.1		ug/L		92	62 - 130
Acetone	125	124		ug/L		99	26 - 180
Benzene	25.0	24.4		ug/L		98	79 - 130
Dichlorobromomethane	25.0	25.4		ug/L		101	70 - 130
Bromobenzene	25.0	24.6		ug/L		99	70 - 130
Chlorobromomethane	25.0	27.2		ug/L		109	70 - 130
Bromoform	25.0	26.6		ug/L		106	68 - 136
Bromomethane	25.0	27.0		ug/L		108	43 - 151

TestAmerica Pleasanton

# QC Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

**Lab Sample ID: LCS 720-229594/5**

**Matrix: Water**

**Analysis Batch: 229594**

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.	Limits
2-Butanone (MEK)	125	115		ug/L		92	54 - 153	
n-Butylbenzene	25.0	24.3		ug/L		97	70 - 142	
sec-Butylbenzene	25.0	24.9		ug/L		100	70 - 134	
tert-Butylbenzene	25.0	25.0		ug/L		100	70 - 135	
Carbon disulfide	25.0	25.9		ug/L		103	68 - 146	
Carbon tetrachloride	25.0	25.9		ug/L		104	70 - 146	
Chlorobenzene	25.0	24.7		ug/L		99	70 - 130	
Chloroethane	25.0	22.3		ug/L		89	62 - 138	
Chloroform	25.0	24.3		ug/L		97	70 - 130	
Chloromethane	25.0	21.1		ug/L		85	52 - 175	
2-Chlorotoluene	25.0	23.1		ug/L		92	70 - 130	
4-Chlorotoluene	25.0	23.4		ug/L		94	70 - 130	
Chlorodibromomethane	25.0	27.2		ug/L		109	70 - 145	
1,2-Dichlorobenzene	25.0	24.7		ug/L		99	70 - 130	
1,3-Dichlorobenzene	25.0	24.9		ug/L		99	70 - 130	
1,4-Dichlorobenzene	25.0	25.1		ug/L		100	70 - 130	
1,3-Dichloropropane	25.0	23.2		ug/L		93	70 - 130	
1,1-Dichloropropene	25.0	24.5		ug/L		98	70 - 130	
1,2-Dibromo-3-Chloropropane	25.0	25.7		ug/L		103	70 - 136	
Ethylene Dibromide	25.0	25.7		ug/L		103	70 - 130	
Dibromomethane	25.0	24.3		ug/L		97	70 - 130	
Dichlorodifluoromethane	25.0	25.5		ug/L		102	32 - 158	
1,1-Dichloroethane	25.0	21.9		ug/L		88	70 - 130	
1,2-Dichloroethane	25.0	22.9		ug/L		92	61 - 132	
1,1-Dichloroethene	25.0	23.9		ug/L		96	64 - 128	
cis-1,2-Dichloroethene	25.0	22.0		ug/L		88	70 - 130	
trans-1,2-Dichloroethene	25.0	24.8		ug/L		99	68 - 130	
1,2-Dichloropropane	25.0	22.0		ug/L		88	70 - 130	
cis-1,3-Dichloropropene	25.0	24.1		ug/L		97	70 - 130	
trans-1,3-Dichloropropene	25.0	24.3		ug/L		97	70 - 140	
Ethylbenzene	25.0	24.4		ug/L		98	80 - 120	
Hexachlorobutadiene	25.0	27.7		ug/L		111	70 - 130	
2-Hexanone	125	102		ug/L		82	60 - 164	
Isopropylbenzene	25.0	26.1		ug/L		104	70 - 130	
4-Isopropyltoluene	25.0	25.3		ug/L		101	70 - 130	
Methylene Chloride	25.0	23.6		ug/L		94	70 - 147	
4-Methyl-2-pentanone (MIBK)	125	101		ug/L		81	50 - 155	
Naphthalene	25.0	25.0		ug/L		100	50 - 130	
N-Propylbenzene	25.0	24.5		ug/L		98	70 - 130	
Styrene	25.0	25.5		ug/L		102	70 - 130	
1,1,1,2-Tetrachloroethane	25.0	25.7		ug/L		103	70 - 130	
1,1,2,2-Tetrachloroethane	25.0	21.1		ug/L		84	70 - 130	
Tetrachloroethene	25.0	28.4		ug/L		114	70 - 130	
Toluene	25.0	23.7		ug/L		95	78 - 120	
1,2,3-Trichlorobenzene	25.0	27.1		ug/L		108	70 - 130	
1,2,4-Trichlorobenzene	25.0	26.2		ug/L		105	70 - 130	
1,1,1-Trichloroethane	25.0	25.0		ug/L		100	70 - 130	
1,1,2-Trichloroethane	25.0	24.2		ug/L		97	70 - 130	

TestAmerica Pleasanton

# QC Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

**Lab Sample ID: LCS 720-229594/5**

**Matrix: Water**

**Analysis Batch: 229594**

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

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec.	Limits	
	Added	Result	Qualifier						
Trichloroethene	25.0	27.2		ug/L		109	70 - 130		
Trichlorofluoromethane	25.0	28.2		ug/L		113	66 - 132		
1,2,3-Trichloropropane	25.0	23.4		ug/L		93	70 - 130		
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	26.5		ug/L		106	42 - 162		
ne									
1,2,4-Trimethylbenzene	25.0	24.5		ug/L		98	70 - 132		
1,3,5-Trimethylbenzene	25.0	24.7		ug/L		99	70 - 130		
Vinyl acetate	25.0	17.3		ug/L		69	43 - 163		
Vinyl chloride	25.0	24.0		ug/L		96	54 - 135		
m-Xylene & p-Xylene	25.0	24.2		ug/L		97	70 - 142		
o-Xylene	25.0	24.2		ug/L		97	70 - 130		
2,2-Dichloropropane	25.0	25.9		ug/L		103	70 - 140		
<hr/>									
Surrogate	LCS	LCS	Limits						
	%Recovery	Qualifier							
4-Bromofluorobenzene	93		67 - 130						
1,2-Dichloroethane-d4 (Surr)	92		72 - 130						
Toluene-d8 (Surr)	101		70 - 130						

**Lab Sample ID: LCS 720-229594/7**

**Matrix: Water**

**Analysis Batch: 229594**

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

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec.	Limits	
	Added	Result	Qualifier						
Gasoline Range Organics (GRO)	500	507		ug/L		101	71 - 125		
-C5-C12									
Surrogate	LCS	LCS	Limits						
	%Recovery	Qualifier							
4-Bromofluorobenzene	94		67 - 130						
1,2-Dichloroethane-d4 (Surr)	93		72 - 130						
Toluene-d8 (Surr)	101		70 - 130						

**Lab Sample ID: LCSD 720-229594/6**

**Matrix: Water**

**Analysis Batch: 229594**

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

Analyte	Spike	LCSD	LCSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Added	Result	Qualifier						
Methyl tert-butyl ether	25.0	22.1		ug/L		88	62 - 130	4	20
Acetone	125	115		ug/L		92	26 - 180	8	30
Benzene	25.0	24.4		ug/L		98	79 - 130	0	20
Dichlorobromomethane	25.0	24.6		ug/L		98	70 - 130	3	20
Bromobenzene	25.0	24.7		ug/L		99	70 - 130	0	20
Chlorobromomethane	25.0	26.5		ug/L		106	70 - 130	3	20
Bromoform	25.0	25.8		ug/L		103	68 - 136	3	20
Bromomethane	25.0	27.4		ug/L		110	43 - 151	1	20
2-Butanone (MEK)	125	104		ug/L		83	54 - 153	9	20
n-Butylbenzene	25.0	24.8		ug/L		99	70 - 142	2	20
sec-Butylbenzene	25.0	25.7		ug/L		103	70 - 134	3	20
tert-Butylbenzene	25.0	25.9		ug/L		104	70 - 135	3	20

TestAmerica Pleasanton

# QC Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCSD 720-229594/6

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

Analysis Batch: 229594

Analyte	Spike	LCSD	LCSD	Unit	D	%Rec	%Rec.		RPD	RPD Limit
	Added	Result	Qualifier				Limits	RPD		
Carbon disulfide	25.0	26.1		ug/L	104	68 - 146	1	20		
Carbon tetrachloride	25.0	25.7		ug/L	103	70 - 146	1	20		
Chlorobenzene	25.0	24.8		ug/L	99	70 - 130	0	20		
Chloroethane	25.0	22.8		ug/L	91	62 - 138	2	20		
Chloroform	25.0	24.1		ug/L	96	70 - 130	1	20		
Chloromethane	25.0	22.0		ug/L	88	52 - 175	4	20		
2-Chlorotoluene	25.0	23.5		ug/L	94	70 - 130	2	20		
4-Chlorotoluene	25.0	23.8		ug/L	95	70 - 130	2	20		
Chlorodibromomethane	25.0	26.2		ug/L	105	70 - 145	4	20		
1,2-Dichlorobenzene	25.0	24.7		ug/L	99	70 - 130	0	20		
1,3-Dichlorobenzene	25.0	24.9		ug/L	99	70 - 130	0	20		
1,4-Dichlorobenzene	25.0	24.9		ug/L	100	70 - 130	1	20		
1,3-Dichloropropane	25.0	22.1		ug/L	88	70 - 130	5	20		
1,1-Dichloropropene	25.0	24.8		ug/L	99	70 - 130	1	20		
1,2-Dibromo-3-Chloropropane	25.0	24.5		ug/L	98	70 - 136	4	20		
Ethylene Dibromide	25.0	24.5		ug/L	98	70 - 130	5	20		
Dibromomethane	25.0	23.4		ug/L	94	70 - 130	4	20		
Dichlorodifluoromethane	25.0	25.9		ug/L	104	32 - 158	2	20		
1,1-Dichloroethane	25.0	22.0		ug/L	88	70 - 130	0	20		
1,2-Dichloroethane	25.0	22.1		ug/L	88	61 - 132	4	20		
1,1-Dichloroethene	25.0	24.3		ug/L	97	64 - 128	2	20		
cis-1,2-Dichloroethene	25.0	21.9		ug/L	88	70 - 130	0	20		
trans-1,2-Dichloroethene	25.0	25.2		ug/L	101	68 - 130	2	20		
1,2-Dichloropropane	25.0	21.7		ug/L	87	70 - 130	1	20		
cis-1,3-Dichloropropene	25.0	23.9		ug/L	96	70 - 130	1	20		
trans-1,3-Dichloropropene	25.0	23.3		ug/L	93	70 - 140	4	20		
Ethylbenzene	25.0	24.7		ug/L	99	80 - 120	1	20		
Hexachlorobutadiene	25.0	27.7		ug/L	111	70 - 130	0	20		
2-Hexanone	125	95.2		ug/L	76	60 - 164	7	20		
Isopropylbenzene	25.0	26.5		ug/L	106	70 - 130	2	20		
4-Isopropyltoluene	25.0	25.8		ug/L	103	70 - 130	2	20		
Methylene Chloride	25.0	23.2		ug/L	93	70 - 147	1	20		
4-Methyl-2-pentanone (MIBK)	125	95.4		ug/L	76	50 - 155	6	20		
Naphthalene	25.0	23.9		ug/L	96	50 - 130	5	20		
N-Propylbenzene	25.0	25.3		ug/L	101	70 - 130	3	20		
Styrene	25.0	25.4		ug/L	102	70 - 130	0	20		
1,1,1,2-Tetrachloroethane	25.0	25.7		ug/L	103	70 - 130	0	20		
1,1,2,2-Tetrachloroethane	25.0	20.7		ug/L	83	70 - 130	2	20		
Tetrachloroethene	25.0	28.3		ug/L	113	70 - 130	0	20		
Toluene	25.0	23.9		ug/L	96	78 - 120	1	20		
1,2,3-Trichlorobenzene	25.0	26.2		ug/L	105	70 - 130	3	20		
1,2,4-Trichlorobenzene	25.0	25.3		ug/L	101	70 - 130	3	20		
1,1,1-Trichloroethane	25.0	25.4		ug/L	101	70 - 130	1	20		
1,1,2-Trichloroethane	25.0	23.4		ug/L	94	70 - 130	3	20		
Trichloroethene	25.0	27.1		ug/L	109	70 - 130	0	20		
Trichlorofluoromethane	25.0	28.4		ug/L	114	66 - 132	1	20		
1,2,3-Trichloropropane	25.0	22.8		ug/L	91	70 - 130	3	20		

TestAmerica Pleasanton

# QC Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

**Lab Sample ID: LCSD 720-229594/6**

**Matrix: Water**

**Analysis Batch: 229594**

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

Analyte	Spike	LCSD	LCSD	Unit	D	%Rec.	RPD	RPD Limit
	Added	Result	Qualifier			%Rec.		
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	27.3		ug/L	109	42 - 162	3	20
1,2,4-Trimethylbenzene	25.0	25.0		ug/L	100	70 - 132	2	20
1,3,5-Trimethylbenzene	25.0	25.5		ug/L	102	70 - 130	3	20
Vinyl acetate	25.0	16.7		ug/L	67	43 - 163	4	20
Vinyl chloride	25.0	25.3		ug/L	101	54 - 135	5	20
m-Xylene & p-Xylene	25.0	24.4		ug/L	98	70 - 142	1	20
o-Xylene	25.0	24.4		ug/L	98	70 - 130	1	20
2,2-Dichloropropane	25.0	26.3		ug/L	105	70 - 140	2	20

*LCSD*    *LCSD*

*%Recovery*    *Qualifier*

*Limits*

**Surrogate**

4-Bromofluorobenzene

92

67 - 130

1,2-Dichloroethane-d4 (Surr)

91

72 - 130

Toluene-d8 (Surr)

101

70 - 130

**Lab Sample ID: LCSD 720-229594/8**

**Matrix: Water**

**Analysis Batch: 229594**

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

Analyte	Spike	LCSD	LCSD	Unit	D	%Rec.	RPD	RPD Limit
	Added	Result	Qualifier			%Rec.		
Gasoline Range Organics (GRO) -C5-C12	500	509		ug/L	102	71 - 125	0	20

*LCSD*    *LCSD*

*%Recovery*    *Qualifier*

*Limits*

**Surrogate**

4-Bromofluorobenzene

95

67 - 130

1,2-Dichloroethane-d4 (Surr)

93

72 - 130

Toluene-d8 (Surr)

101

70 - 130

**Lab Sample ID: MB 720-229650/5**

**Matrix: Solid**

**Analysis Batch: 229650**

**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	1.2	ug/Kg			09/06/17 19:08	1
Acetone	ND		50	38	ug/Kg			09/06/17 19:08	1
Benzene	ND		5.0	0.65	ug/Kg			09/06/17 19:08	1
Dichlorobromomethane	ND		5.0	0.72	ug/Kg			09/06/17 19:08	1
Bromobenzene	ND		5.0	0.79	ug/Kg			09/06/17 19:08	1
Chlorobromomethane	ND		20	0.72	ug/Kg			09/06/17 19:08	1
Bromoform	ND		5.0	2.0	ug/Kg			09/06/17 19:08	1
Bromomethane	ND		10	0.79	ug/Kg			09/06/17 19:08	1
2-Butanone (MEK)	ND		50	21	ug/Kg			09/06/17 19:08	1
n-Butylbenzene	ND		5.0	1.0	ug/Kg			09/06/17 19:08	1
sec-Butylbenzene	ND		5.0	0.72	ug/Kg			09/06/17 19:08	1
tert-Butylbenzene	ND		5.0	0.73	ug/Kg			09/06/17 19:08	1
Carbon disulfide	ND		5.0	2.0	ug/Kg			09/06/17 19:08	1
Carbon tetrachloride	ND		5.0	0.62	ug/Kg			09/06/17 19:08	1
Chlorobenzene	ND		5.0	0.69	ug/Kg			09/06/17 19:08	1

TestAmerica Pleasanton

# QC Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

**Lab Sample ID: MB 720-229650/5**

**Matrix: Solid**

**Analysis Batch: 229650**

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

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifer									
Chloroethane	ND				10	0.56	ug/Kg			09/06/17 19:08	1
Chloroform	ND				5.0	0.66	ug/Kg			09/06/17 19:08	1
Chloromethane	ND				10	0.72	ug/Kg			09/06/17 19:08	1
2-Chlorotoluene	ND				5.0	0.65	ug/Kg			09/06/17 19:08	1
4-Chlorotoluene	ND				5.0	0.68	ug/Kg			09/06/17 19:08	1
Chlorodibromomethane	ND				5.0	0.71	ug/Kg			09/06/17 19:08	1
1,2-Dichlorobenzene	ND				5.0	0.68	ug/Kg			09/06/17 19:08	1
1,3-Dichlorobenzene	ND				5.0	0.72	ug/Kg			09/06/17 19:08	1
1,4-Dichlorobenzene	ND				5.0	0.71	ug/Kg			09/06/17 19:08	1
1,3-Dichloropropane	ND				5.0	0.73	ug/Kg			09/06/17 19:08	1
1,1-Dichloropropene	ND				5.0	0.69	ug/Kg			09/06/17 19:08	1
1,2-Dibromo-3-Chloropropane	ND				10	1.7	ug/Kg			09/06/17 19:08	1
Ethylene Dibromide	ND				5.0	1.4	ug/Kg			09/06/17 19:08	1
Dibromomethane	ND				10	0.86	ug/Kg			09/06/17 19:08	1
Dichlorodifluoromethane	ND				10	0.79	ug/Kg			09/06/17 19:08	1
1,1-Dichloroethane	ND				5.0	0.68	ug/Kg			09/06/17 19:08	1
1,2-Dichloroethane	ND				5.0	0.76	ug/Kg			09/06/17 19:08	1
1,1-Dichloroethene	ND				5.0	0.62	ug/Kg			09/06/17 19:08	1
cis-1,2-Dichloroethene	ND				5.0	0.68	ug/Kg			09/06/17 19:08	1
trans-1,2-Dichloroethene	ND				5.0	0.75	ug/Kg			09/06/17 19:08	1
1,2-Dichloropropane	ND				5.0	0.63	ug/Kg			09/06/17 19:08	1
cis-1,3-Dichloropropene	ND				5.0	0.69	ug/Kg			09/06/17 19:08	1
trans-1,3-Dichloropropene	ND				5.0	0.67	ug/Kg			09/06/17 19:08	1
Ethylbenzene	ND				5.0	0.75	ug/Kg			09/06/17 19:08	1
Hexachlorobutadiene	ND				5.0	0.90	ug/Kg			09/06/17 19:08	1
2-Hexanone	ND				50	10	ug/Kg			09/06/17 19:08	1
Isopropylbenzene	ND				5.0	0.68	ug/Kg			09/06/17 19:08	1
4-Isopropyltoluene	ND				5.0	2.5	ug/Kg			09/06/17 19:08	1
Methylene Chloride	ND				10	4.0	ug/Kg			09/06/17 19:08	1
4-Methyl-2-pentanone (MIBK)	ND				50	10	ug/Kg			09/06/17 19:08	1
Naphthalene	ND				10	1.5	ug/Kg			09/06/17 19:08	1
N-Propylbenzene	ND				5.0	0.66	ug/Kg			09/06/17 19:08	1
Styrene	ND				5.0	0.63	ug/Kg			09/06/17 19:08	1
1,1,1,2-Tetrachloroethane	ND				5.0	0.76	ug/Kg			09/06/17 19:08	1
1,1,2,2-Tetrachloroethane	ND				5.0	0.75	ug/Kg			09/06/17 19:08	1
Tetrachloroethene	ND				5.0	0.67	ug/Kg			09/06/17 19:08	1
Toluene	ND				5.0	0.71	ug/Kg			09/06/17 19:08	1
1,2,3-Trichlorobenzene	ND				5.0	0.74	ug/Kg			09/06/17 19:08	1
1,2,4-Trichlorobenzene	ND				5.0	0.71	ug/Kg			09/06/17 19:08	1
1,1,1-Trichloroethane	ND				5.0	0.61	ug/Kg			09/06/17 19:08	1
1,1,2-Trichloroethane	ND				5.0	0.70	ug/Kg			09/06/17 19:08	1
Trichloroethene	ND				5.0	0.63	ug/Kg			09/06/17 19:08	1
Trichlorofluoromethane	ND				5.0	0.56	ug/Kg			09/06/17 19:08	1
1,2,3-Trichloropropane	ND				5.0	0.77	ug/Kg			09/06/17 19:08	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND				5.0	2.1	ug/Kg			09/06/17 19:08	1
1,2,4-Trimethylbenzene	ND				5.0	1.6	ug/Kg			09/06/17 19:08	1
1,3,5-Trimethylbenzene	ND				5.0	0.65	ug/Kg			09/06/17 19:08	1
Vinyl acetate	ND				20	5.0	ug/Kg			09/06/17 19:08	1

TestAmerica Pleasanton

# QC Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

**Lab Sample ID: MB 720-229650/5**

**Matrix: Solid**

**Analysis Batch: 229650**

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

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Vinyl chloride	ND		5.0	0.73	ug/Kg			09/06/17 19:08	1
Xylenes, Total	ND		10	1.2	ug/Kg			09/06/17 19:08	1
2,2-Dichloropropane	ND		5.0	2.0	ug/Kg			09/06/17 19:08	1
Gasoline Range Organics (GRO) -C5-C12	ND		250	100	ug/Kg			09/06/17 19:08	1

Surrogate	MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene	131		45 - 131			1
1,2-Dichloroethane-d4 (Surr)	107		60 - 140			1
Toluene-d8 (Surr)	115		58 - 140			1

**Lab Sample ID: LCS 720-229650/6**

**Matrix: Solid**

**Analysis Batch: 229650**

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

Analyte	Spike Added	LCS		Unit	D	%Rec	%Rec.	Limits
		Result	Qualifier					
Methyl tert-butyl ether	50.0	55.6		ug/Kg		111	70 - 144	
Acetone	250	213		ug/Kg		85	30 - 162	
Benzene	50.0	46.3		ug/Kg		93	70 - 130	
Dichlorobromomethane	50.0	58.5		ug/Kg		117	70 - 140	
Bromobenzene	50.0	54.1		ug/Kg		108	70 - 130	
Chlorobromomethane	50.0	57.1		ug/Kg		114	70 - 130	
Bromoform	50.0	64.8		ug/Kg		130	59 - 158	
Bromomethane	50.0	56.5		ug/Kg		113	59 - 132	
2-Butanone (MEK)	250	234		ug/Kg		93	59 - 159	
n-Butylbenzene	50.0	49.8		ug/Kg		100	70 - 142	
sec-Butylbenzene	50.0	50.3		ug/Kg		101	70 - 136	
tert-Butylbenzene	50.0	55.0		ug/Kg		110	70 - 130	
Carbon disulfide	50.0	39.0		ug/Kg		78	60 - 140	
Carbon tetrachloride	50.0	58.8		ug/Kg		118	70 - 142	
Chlorobenzene	50.0	50.0		ug/Kg		100	70 - 130	
Chloroethane	50.0	49.7		ug/Kg		99	65 - 130	
Chloroform	50.0	52.3		ug/Kg		105	77 - 127	
Chloromethane	50.0	44.5		ug/Kg		89	55 - 140	
2-Chlorotoluene	50.0	49.7		ug/Kg		99	70 - 138	
4-Chlorotoluene	50.0	50.2		ug/Kg		100	70 - 136	
Chlorodibromomethane	50.0	60.0		ug/Kg		120	70 - 146	
1,2-Dichlorobenzene	50.0	51.2		ug/Kg		102	70 - 130	
1,3-Dichlorobenzene	50.0	51.2		ug/Kg		102	70 - 131	
1,4-Dichlorobenzene	50.0	51.5		ug/Kg		103	70 - 130	
1,3-Dichloropropane	50.0	49.2		ug/Kg		98	70 - 140	
1,1-Dichloropropene	50.0	51.4		ug/Kg		103	70 - 130	
1,2-Dibromo-3-Chloropropane	50.0	59.9		ug/Kg		120	60 - 145	
Ethylene Dibromide	50.0	56.2		ug/Kg		112	70 - 140	
Dibromomethane	50.0	51.9		ug/Kg		104	70 - 139	
Dichlorodifluoromethane	50.0	65.8		ug/Kg		132	37 - 158	
1,1-Dichloroethane	50.0	46.1		ug/Kg		92	70 - 130	
1,2-Dichloroethane	50.0	53.3		ug/Kg		107	70 - 130	

TestAmerica Pleasanton

# QC Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

**Lab Sample ID: LCS 720-229650/6**

**Matrix: Solid**

**Analysis Batch: 229650**

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

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec.	Limits	
	Added	Result	Qualifier						
1,1-Dichloroethene	50.0	45.2		ug/Kg		90	74 - 122		
cis-1,2-Dichloroethene	50.0	47.1		ug/Kg		94	70 - 138		
trans-1,2-Dichloroethene	50.0	49.1		ug/Kg		98	67 - 130		
1,2-Dichloropropane	50.0	43.9		ug/Kg		88	73 - 127		
cis-1,3-Dichloropropene	50.0	50.5		ug/Kg		101	68 - 147		
trans-1,3-Dichloropropene	50.0	53.9		ug/Kg		108	70 - 155		
Ethylbenzene	50.0	48.2		ug/Kg		96	80 - 137		
Hexachlorobutadiene	50.0	57.7		ug/Kg		115	70 - 132		
2-Hexanone	250	223		ug/Kg		89	62 - 158		
Isopropylbenzene	50.0	55.7		ug/Kg		111	70 - 130		
4-Isopropyltoluene	50.0	50.2		ug/Kg		100	70 - 133		
Methylene Chloride	50.0	46.3		ug/Kg		93	70 - 134		
4-Methyl-2-pentanone (MIBK)	250	225		ug/Kg		90	60 - 160		
Naphthalene	50.0	54.9		ug/Kg		110	60 - 147		
N-Propylbenzene	50.0	49.5		ug/Kg		99	70 - 130		
Styrene	50.0	59.2		ug/Kg		118	70 - 130		
1,1,1,2-Tetrachloroethane	50.0	58.7		ug/Kg		117	70 - 130		
1,1,2,2-Tetrachloroethane	50.0	45.0		ug/Kg		90	70 - 146		
Tetrachloroethene	50.0	59.1		ug/Kg		118	70 - 132		
Toluene	50.0	50.0		ug/Kg		100	75 - 120		
1,2,3-Trichlorobenzene	50.0	56.5		ug/Kg		113	60 - 140		
1,2,4-Trichlorobenzene	50.0	57.4		ug/Kg		115	60 - 140		
1,1,1-Trichloroethane	50.0	56.5		ug/Kg		113	70 - 130		
1,1,2-Trichloroethane	50.0	50.8		ug/Kg		102	70 - 130		
Trichloroethene	50.0	55.2		ug/Kg		110	70 - 133		
Trichlorofluoromethane	50.0	58.5		ug/Kg		117	60 - 140		
1,2,3-Trichloropropane	50.0	50.6		ug/Kg		101	70 - 146		
1,1,2-Trichloro-1,2,2-trifluoroetha ne	50.0	51.4		ug/Kg		103	60 - 140		
1,2,4-Trimethylbenzene	50.0	53.4		ug/Kg		107	70 - 130		
1,3,5-Trimethylbenzene	50.0	53.6		ug/Kg		107	70 - 131		
Vinyl acetate	50.0	42.2		ug/Kg		84	38 - 176		
Vinyl chloride	50.0	57.7		ug/Kg		115	58 - 125		
m-Xylene & p-Xylene	50.0	52.8		ug/Kg		106	70 - 146		
o-Xylene	50.0	53.4		ug/Kg		107	70 - 140		
2,2-Dichloropropane	50.0	57.1		ug/Kg		114	70 - 162		

Surrogate	LCS	LCS	
	%Recovery	Qualifier	Limits
4-Bromofluorobenzene	107		45 - 131
1,2-Dichloroethane-d4 (Surr)	106		60 - 140
Toluene-d8 (Surr)	108		58 - 140

TestAmerica Pleasanton

# QC Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

**Lab Sample ID: LCS 720-229650/8**

**Matrix: Solid**

**Analysis Batch: 229650**

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec.
		Result	Qualifier				
Gasoline Range Organics (GRO) -C5-C12	1000	941		ug/Kg		94	61 - 128
<b>Surrogate</b>							
4-Bromofluorobenzene	107		45 - 131				
1,2-Dichloroethane-d4 (Surr)	107		60 - 140				
Toluene-d8 (Surr)	108		58 - 140				

**Lab Sample ID: LCSD 720-229650/7**

**Matrix: Solid**

**Analysis Batch: 229650**

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec.	RPD	RPD Limit
		Result	Qualifier						
Methyl tert-butyl ether	50.0	56.7		ug/Kg		113	70 - 144	2	20
Acetone	250	219		ug/Kg		88	30 - 162	3	30
Benzene	50.0	47.1		ug/Kg		94	70 - 130	2	20
Dichlorobromomethane	50.0	58.0		ug/Kg		116	70 - 140	1	20
Bromobenzene	50.0	55.3		ug/Kg		111	70 - 130	2	20
Chlorobromomethane	50.0	58.1		ug/Kg		116	70 - 130	2	20
Bromoform	50.0	65.5		ug/Kg		131	59 - 158	1	20
Bromomethane	50.0	57.6		ug/Kg		115	59 - 132	2	20
2-Butanone (MEK)	250	241		ug/Kg		96	59 - 159	3	20
n-Butylbenzene	50.0	49.7		ug/Kg		99	70 - 142	0	20
sec-Butylbenzene	50.0	51.3		ug/Kg		103	70 - 136	2	20
tert-Butylbenzene	50.0	56.1		ug/Kg		112	70 - 130	2	20
Carbon disulfide	50.0	39.8		ug/Kg		80	60 - 140	2	20
Carbon tetrachloride	50.0	58.6		ug/Kg		117	70 - 142	0	20
Chlorobenzene	50.0	49.8		ug/Kg		100	70 - 130	0	20
Chloroethane	50.0	49.9		ug/Kg		100	65 - 130	0	20
Chloroform	50.0	53.0		ug/Kg		106	77 - 127	1	20
Chloromethane	50.0	45.7		ug/Kg		91	55 - 140	3	20
2-Chlorotoluene	50.0	50.5		ug/Kg		101	70 - 138	2	20
4-Chlorotoluene	50.0	50.8		ug/Kg		102	70 - 136	1	20
Chlorodibromomethane	50.0	60.4		ug/Kg		121	70 - 146	1	20
1,2-Dichlorobenzene	50.0	51.3		ug/Kg		103	70 - 130	0	20
1,3-Dichlorobenzene	50.0	52.0		ug/Kg		104	70 - 131	2	20
1,4-Dichlorobenzene	50.0	51.7		ug/Kg		103	70 - 130	0	20
1,3-Dichloropropane	50.0	49.9		ug/Kg		100	70 - 140	1	20
1,1-Dichloropropene	50.0	52.1		ug/Kg		104	70 - 130	1	20
1,2-Dibromo-3-Chloropropane	50.0	61.5		ug/Kg		123	60 - 145	3	20
Ethylene Dibromide	50.0	56.7		ug/Kg		113	70 - 140	1	20
Dibromomethane	50.0	52.8		ug/Kg		106	70 - 139	2	20
Dichlorodifluoromethane	50.0	66.1		ug/Kg		132	37 - 158	1	20
1,1-Dichloroethane	50.0	46.3		ug/Kg		93	70 - 130	0	20
1,2-Dichloroethane	50.0	52.6		ug/Kg		105	70 - 130	1	20
1,1-Dichloroethene	50.0	45.8		ug/Kg		92	74 - 122	1	20
cis-1,2-Dichloroethene	50.0	47.4		ug/Kg		95	70 - 138	1	20
trans-1,2-Dichloroethene	50.0	50.3		ug/Kg		101	67 - 130	2	20

TestAmerica Pleasanton

# QC Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

**Lab Sample ID: LCSD 720-229650/7**

**Matrix: Solid**

**Analysis Batch: 229650**

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

Analyte	Spike	LCSD	LCSD	Unit	D	%Rec.	Limits	RPD	RPD Limit
	Added	Result	Qualifier			%Rec			
1,2-Dichloropropane	50.0	44.3		ug/Kg	89	73 - 127	1	20	
cis-1,3-Dichloropropene	50.0	50.7		ug/Kg	101	68 - 147	0	20	
trans-1,3-Dichloropropene	50.0	53.7		ug/Kg	107	70 - 155	0	20	
Ethylbenzene	50.0	48.3		ug/Kg	97	80 - 137	0	20	
Hexachlorobutadiene	50.0	59.0		ug/Kg	118	70 - 132	2	20	
2-Hexanone	250	231		ug/Kg	92	62 - 158	3	20	
Isopropylbenzene	50.0	56.3		ug/Kg	113	70 - 130	1	20	
4-Isopropyltoluene	50.0	50.8		ug/Kg	102	70 - 133	1	20	
Methylene Chloride	50.0	46.2		ug/Kg	92	70 - 134	0	20	
4-Methyl-2-pentanone (MIBK)	250	233		ug/Kg	93	60 - 160	3	20	
Naphthalene	50.0	57.7		ug/Kg	115	60 - 147	5	20	
N-Propylbenzene	50.0	50.8		ug/Kg	102	70 - 130	3	20	
Styrene	50.0	59.0		ug/Kg	118	70 - 130	0	20	
1,1,1,2-Tetrachloroethane	50.0	58.9		ug/Kg	118	70 - 130	0	20	
1,1,2,2-Tetrachloroethane	50.0	46.5		ug/Kg	93	70 - 146	3	20	
Tetrachloroethylene	50.0	59.5		ug/Kg	119	70 - 132	1	20	
Toluene	50.0	50.2		ug/Kg	100	75 - 120	0	20	
1,2,3-Trichlorobenzene	50.0	57.7		ug/Kg	115	60 - 140	2	20	
1,2,4-Trichlorobenzene	50.0	58.1		ug/Kg	116	60 - 140	1	20	
1,1,1-Trichloroethane	50.0	57.1		ug/Kg	114	70 - 130	1	20	
1,1,2-Trichloroethane	50.0	50.8		ug/Kg	102	70 - 130	0	20	
Trichloroethylene	50.0	56.2		ug/Kg	112	70 - 133	2	20	
Trichlorofluoromethane	50.0	58.5		ug/Kg	117	60 - 140	0	20	
1,2,3-Trichloropropane	50.0	52.7		ug/Kg	105	70 - 146	4	20	
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	51.2		ug/Kg	102	60 - 140	0	20	
1,2,4-Trimethylbenzene	50.0	54.0		ug/Kg	108	70 - 130	1	20	
1,3,5-Trimethylbenzene	50.0	54.4		ug/Kg	109	70 - 131	1	20	
Vinyl acetate	50.0	43.3		ug/Kg	87	38 - 176	2	20	
Vinyl chloride	50.0	58.3		ug/Kg	117	58 - 125	1	20	
m-Xylene & p-Xylene	50.0	53.0		ug/Kg	106	70 - 146	0	20	
o-Xylene	50.0	53.8		ug/Kg	108	70 - 140	1	20	
2,2-Dichloropropane	50.0	55.8		ug/Kg	112	70 - 162	2	20	

Surrogate	LCSD	LCSD	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene	104		45 - 131
1,2-Dichloroethane-d4 (Surr)	105		60 - 140
Toluene-d8 (Surr)	108		58 - 140

**Lab Sample ID: LCSD 720-229650/9**

**Matrix: Solid**

**Analysis Batch: 229650**

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

Analyte	Spike	LCSD	LCSD	Unit	D	%Rec.	Limits	RPD	RPD Limit
	Added	Result	Qualifier			%Rec			
Gasoline Range Organics (GRO) -C5-C12	1000	931		ug/Kg	93	61 - 128	1	20	

TestAmerica Pleasanton

# QC Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

## Method: 8260B/CA\_LUFTMS - 8260B / CA LUFT MS (Continued)

**Lab Sample ID:** LCSD 720-229650/9

**Matrix:** Solid

**Analysis Batch:** 229650

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

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene	106		45 - 131
1,2-Dichloroethane-d4 (Surr)	106		60 - 140
Toluene-d8 (Surr)	109		58 - 140

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

**Lab Sample ID:** MB 720-229653/1-A

**Matrix:** Water

**Analysis Batch:** 229654

**Client Sample ID:** Method Blank  
**Prep Type:** Total/NA  
**Prep Batch:** 229653

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		2.0	1.0	ug/L	09/06/17 17:06	09/07/17 01:26		1
Bis(2-chloroethyl)ether	ND		2.0	0.30	ug/L	09/06/17 17:06	09/07/17 01:26		1
2-Chlorophenol	ND		4.0	0.39	ug/L	09/06/17 17:06	09/07/17 01:26		1
1,3-Dichlorobenzene	ND		2.0	1.0	ug/L	09/06/17 17:06	09/07/17 01:26		1
1,4-Dichlorobenzene	ND		2.0	0.27	ug/L	09/06/17 17:06	09/07/17 01:26		1
Benzyl alcohol	ND		5.0	1.0	ug/L	09/06/17 17:06	09/07/17 01:26		1
1,2-Dichlorobenzene	ND		2.0	0.26	ug/L	09/06/17 17:06	09/07/17 01:26		1
2-Methylphenol	ND		4.0	0.38	ug/L	09/06/17 17:06	09/07/17 01:26		1
4-Methylphenol	ND		8.0	0.65	ug/L	09/06/17 17:06	09/07/17 01:26		1
N-Nitrosodi-n-propylamine	ND		2.0	0.40	ug/L	09/06/17 17:06	09/07/17 01:26		1
Hexachloroethane	ND		2.0	0.99	ug/L	09/06/17 17:06	09/07/17 01:26		1
Nitrobenzene	ND		2.0	0.36	ug/L	09/06/17 17:06	09/07/17 01:26		1
Isophorone	ND		4.0	0.60	ug/L	09/06/17 17:06	09/07/17 01:26		1
2-Nitrophenol	ND		2.0	0.99	ug/L	09/06/17 17:06	09/07/17 01:26		1
2,4-Dimethylphenol	ND		3.0	1.9	ug/L	09/06/17 17:06	09/07/17 01:26		1
Bis(2-chloroethoxy)methane	ND		5.0	1.0	ug/L	09/06/17 17:06	09/07/17 01:26		1
2,4-Dichlorophenol	ND		5.0	0.29	ug/L	09/06/17 17:06	09/07/17 01:26		1
1,2,4-Trichlorobenzene	ND		2.0	0.45	ug/L	09/06/17 17:06	09/07/17 01:26		1
Naphthalene	ND		2.0	1.0	ug/L	09/06/17 17:06	09/07/17 01:26		1
4-Chloroaniline	ND		2.0	0.27	ug/L	09/06/17 17:06	09/07/17 01:26		1
Hexachlorobutadiene	ND		2.0	0.51	ug/L	09/06/17 17:06	09/07/17 01:26		1
4-Chloro-3-methylphenol	ND		5.0	1.0	ug/L	09/06/17 17:06	09/07/17 01:26		1
2-Methylnaphthalene	ND		2.0	1.0	ug/L	09/06/17 17:06	09/07/17 01:26		1
Hexachlorocyclopentadiene	ND		10	5.0	ug/L	09/06/17 17:06	09/07/17 01:26		1
2,4,6-Trichlorophenol	ND		2.0	0.51	ug/L	09/06/17 17:06	09/07/17 01:26		1
2,4,5-Trichlorophenol	ND		4.0	0.37	ug/L	09/06/17 17:06	09/07/17 01:26		1
2-Chloronaphthalene	ND		4.0	0.45	ug/L	09/06/17 17:06	09/07/17 01:26		1
2-Nitroaniline	ND		10	1.0	ug/L	09/06/17 17:06	09/07/17 01:26		1
Dimethyl phthalate	ND		5.0	0.46	ug/L	09/06/17 17:06	09/07/17 01:26		1
Acenaphthylene	ND		4.0	0.43	ug/L	09/06/17 17:06	09/07/17 01:26		1
3-Nitroaniline	ND		5.0	0.92	ug/L	09/06/17 17:06	09/07/17 01:26		1
Acenaphthene	ND		2.0	0.28	ug/L	09/06/17 17:06	09/07/17 01:26		1
2,4-Dinitrophenol	ND		20	10	ug/L	09/06/17 17:06	09/07/17 01:26		1
4-Nitrophenol	ND		10	2.0	ug/L	09/06/17 17:06	09/07/17 01:26		1
Dibenzofuran	ND		4.0	0.51	ug/L	09/06/17 17:06	09/07/17 01:26		1
2,4-Dinitrotoluene	ND		4.0	0.36	ug/L	09/06/17 17:06	09/07/17 01:26		1
2,6-Dinitrotoluene	ND		5.0	0.42	ug/L	09/06/17 17:06	09/07/17 01:26		1

TestAmerica Pleasanton

# QC Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

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

**Lab Sample ID: MB 720-229653/1-A**

**Matrix: Water**

**Analysis Batch: 229654**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

**Prep Batch: 229653**

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							Prepared	Analyzed	Dil Fac
Diethyl phthalate	ND				5.0	0.57	ug/L		09/06/17 17:06	09/07/17 01:26	1
4-Chlorophenyl phenyl ether	ND				5.0	0.38	ug/L		09/06/17 17:06	09/07/17 01:26	1
Fluorene	ND				4.0	0.49	ug/L		09/06/17 17:06	09/07/17 01:26	1
4-Nitroaniline	ND				10	2.0	ug/L		09/06/17 17:06	09/07/17 01:26	1
2-Methyl-4,6-dinitrophenol	ND				10	2.0	ug/L		09/06/17 17:06	09/07/17 01:26	1
N-Nitrosodiphenylamine	ND				2.0	0.36	ug/L		09/06/17 17:06	09/07/17 01:26	1
4-Bromophenyl phenyl ether	ND				5.0	0.27	ug/L		09/06/17 17:06	09/07/17 01:26	1
Hexachlorobenzene	ND				2.0	0.32	ug/L		09/06/17 17:06	09/07/17 01:26	1
Pentachlorophenol	ND				10	0.80	ug/L		09/06/17 17:06	09/07/17 01:26	1
Phenanthren	ND				2.0	0.34	ug/L		09/06/17 17:06	09/07/17 01:26	1
Anthracene	ND				2.0	0.29	ug/L		09/06/17 17:06	09/07/17 01:26	1
Di-n-butyl phthalate	ND				5.0	0.37	ug/L		09/06/17 17:06	09/07/17 01:26	1
Fluoranthene	ND				2.0	1.0	ug/L		09/06/17 17:06	09/07/17 01:26	1
Pyrene	ND				2.0	0.32	ug/L		09/06/17 17:06	09/07/17 01:26	1
Butyl benzyl phthalate	ND				5.0	0.30	ug/L		09/06/17 17:06	09/07/17 01:26	1
3,3'-Dichlorobenzidine	ND				5.0	1.0	ug/L		09/06/17 17:06	09/07/17 01:26	1
Benzo[a]anthracene	ND				5.0	0.65	ug/L		09/06/17 17:06	09/07/17 01:26	1
Bis(2-ethylhexyl) phthalate	ND				10	1.5	ug/L		09/06/17 17:06	09/07/17 01:26	1
Chrysene	ND				2.0	1.0	ug/L		09/06/17 17:06	09/07/17 01:26	1
Di-n-octyl phthalate	ND				5.0	0.64	ug/L		09/06/17 17:06	09/07/17 01:26	1
Benzo[b]fluoranthene	ND				2.0	0.34	ug/L		09/06/17 17:06	09/07/17 01:26	1
Benzo[a]pyrene	ND				2.0	1.0	ug/L		09/06/17 17:06	09/07/17 01:26	1
Benzo[k]fluoranthene	ND				2.0	0.31	ug/L		09/06/17 17:06	09/07/17 01:26	1
Indeno[1,2,3-cd]pyrene	ND				2.0	0.39	ug/L		09/06/17 17:06	09/07/17 01:26	1
Benzo[g,h,i]perylene	ND				2.0	0.38	ug/L		09/06/17 17:06	09/07/17 01:26	1
Benzoic acid	ND				20	10	ug/L		09/06/17 17:06	09/07/17 01:26	1
Azobenzene	ND				2.0	0.30	ug/L		09/06/17 17:06	09/07/17 01:26	1
Dibenz(a,h)anthracene	ND				2.0	0.40	ug/L		09/06/17 17:06	09/07/17 01:26	1

**MB MB**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
				Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	69		11 - 92			1
2-Fluorobiphenyl	83		10 - 101			1
Terphenyl-d14	104		34 - 128			1
2-Fluorophenol	38		10 - 65			1
Phenol-d5	28		10 - 46			1
2,4,6-Tribromophenol	102		17 - 115			1

**Lab Sample ID: LCS 720-229653/2-A**

**Matrix: Water**

**Analysis Batch: 229654**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Prep Batch: 229653**

Analyte	Spike Added	LCS		Unit	D	%Rec.	Limits
		Result	Qualifier				
Phenol	40.0	11.2		ug/L		28	10 - 115
Bis(2-chloroethyl)ether	40.0	28.7		ug/L		72	12 - 115
2-Chlorophenol	40.0	28.1		ug/L		70	14 - 115
1,3-Dichlorobenzene	40.0	28.0		ug/L		70	13 - 115
1,4-Dichlorobenzene	40.0	28.5		ug/L		71	14 - 115
Benzyl alcohol	40.0	28.6		ug/L		71	19 - 115

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# QC Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

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

**Lab Sample ID: LCS 720-229653/2-A**

**Matrix: Water**

**Analysis Batch: 229654**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Prep Batch: 229653**

**%Rec.**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
1,2-Dichlorobenzene	40.0	28.8		ug/L	72	10 - 115	
2-Methylphenol	40.0	25.2		ug/L	63	13 - 115	
4-Methylphenol	40.0	24.1		ug/L	60	10 - 115	
N-Nitrosodi-n-propylamine	40.0	31.2		ug/L	78	17 - 115	
Hexachloroethane	40.0	27.4		ug/L	69	9 - 115	
Nitrobenzene	40.0	29.8		ug/L	75	18 - 115	
Isophorone	40.0	32.0		ug/L	80	18 - 134	
2-Nitrophenol	40.0	33.5		ug/L	84	14 - 115	
2,4-Dimethylphenol	40.0	30.6		ug/L	76	10 - 119	
Bis(2-chloroethoxy)methane	40.0	30.5		ug/L	76	10 - 119	
2,4-Dichlorophenol	40.0	32.9		ug/L	82	13 - 118	
1,2,4-Trichlorobenzene	40.0	30.6		ug/L	77	10 - 115	
Naphthalene	40.0	30.6		ug/L	76	12 - 115	
4-Chloroaniline	40.0	30.7		ug/L	77	26 - 115	
Hexachlorobutadiene	40.0	31.7		ug/L	79	12 - 115	
4-Chloro-3-methylphenol	40.0	34.1		ug/L	85	19 - 128	
2-Methylnaphthalene	40.0	33.1		ug/L	83	16 - 115	
Hexachlorocyclopentadiene	40.0	10.2		ug/L	26	10 - 115	
2,4,6-Trichlorophenol	40.0	33.7		ug/L	84	20 - 120	
2,4,5-Trichlorophenol	40.0	34.4		ug/L	86	22 - 117	
2-Chloronaphthalene	40.0	31.7		ug/L	79	17 - 115	
2-Nitroaniline	40.0	34.7		ug/L	87	37 - 119	
Dimethyl phthalate	40.0	33.7		ug/L	84	48 - 127	
Acenaphthylene	40.0	32.2		ug/L	80	29 - 129	
3-Nitroaniline	40.0	31.7		ug/L	79	40 - 115	
Acenaphthene	40.0	33.3		ug/L	83	25 - 115	
2,4-Dinitrophenol	80.0	46.0		ug/L	57	44 - 116	
4-Nitrophenol	80.0	30.7		ug/L	38	20 - 115	
Dibenzofuran	40.0	33.1		ug/L	83	28 - 115	
2,4-Dinitrotoluene	40.0	35.2		ug/L	88	42 - 115	
2,6-Dinitrotoluene	40.0	33.7		ug/L	84	46 - 119	
Diethyl phthalate	40.0	35.1		ug/L	88	44 - 115	
4-Chlorophenyl phenyl ether	40.0	33.5		ug/L	84	32 - 115	
Fluorene	40.0	33.9		ug/L	85	39 - 115	
4-Nitroaniline	40.0	32.4		ug/L	81	46 - 115	
2-Methyl-4,6-dinitrophenol	80.0	51.9		ug/L	65	42 - 135	
N-Nitrosodiphenylamine	40.0	34.2		ug/L	85	41 - 115	
4-Bromophenyl phenyl ether	40.0	35.7		ug/L	89	42 - 115	
Hexachlorobenzene	40.0	35.6		ug/L	89	49 - 115	
Pentachlorophenol	80.0	71.4		ug/L	89	42 - 121	
Phenanthrene	40.0	34.4		ug/L	86	54 - 115	
Anthracene	40.0	35.1		ug/L	88	54 - 115	
Di-n-butyl phthalate	40.0	38.4		ug/L	96	58 - 115	
Fluoranthene	40.0	34.4		ug/L	86	65 - 115	
Pyrene	40.0	37.9		ug/L	95	53 - 115	
Butyl benzyl phthalate	40.0	40.7		ug/L	102	37 - 115	
3,3'-Dichlorobenzidine	40.0	31.2		ug/L	78	24 - 110	
Benzo[a]anthracene	40.0	36.3		ug/L	91	56 - 115	

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# QC Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

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

**Lab Sample ID: LCS 720-229653/2-A**

**Matrix: Water**

**Analysis Batch: 229654**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Prep Batch: 229653**

**%Rec.**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Bis(2-ethylhexyl) phthalate	40.0	40.7		ug/L		102	59 - 115
Chrysene	40.0	35.9		ug/L		90	50 - 115
Di-n-octyl phthalate	40.0	40.1		ug/L		100	12 - 115
Benzo[b]fluoranthene	40.0	36.9		ug/L		92	50 - 115
Benzo[a]pyrene	40.0	34.3		ug/L		86	55 - 115
Benzo[k]fluoranthene	40.0	37.7		ug/L		94	60 - 115
Indeno[1,2,3-cd]pyrene	40.0	32.5		ug/L		81	49 - 117
Benzo[g,h,i]perylene	40.0	34.7		ug/L		87	54 - 115
Benzoic acid	40.0	14.1	J	ug/L		35	10 - 115
Azobenzene	40.0	31.3		ug/L		78	42 - 115
Dibenz(a,h)anthracene	40.0	32.0		ug/L		80	47 - 127

**LCS    LCS**

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Nitrobenzene-d5	67		11 - 92
2-Fluorobiphenyl	77		10 - 101
Terphenyl-d14	102		34 - 128
2-Fluorophenol	35		10 - 65
Phenol-d5	27		10 - 46
2,4,6-Tribromophenol	101		17 - 115

**Lab Sample ID: LCSD 720-229653/3-A**

**Matrix: Water**

**Analysis Batch: 229654**

**Client Sample ID: Lab Control Sample Dup**

**Prep Type: Total/NA**

**Prep Batch: 229653**

**%Rec.**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Phenol	40.0	11.1		ug/L		28	10 - 115	2	51
Bis(2-chloroethyl)ether	40.0	28.5		ug/L		71	12 - 115	1	35
2-Chlorophenol	40.0	28.1		ug/L		70	14 - 115	0	40
1,3-Dichlorobenzene	40.0	28.0		ug/L		70	13 - 115	0	40
1,4-Dichlorobenzene	40.0	28.4		ug/L		71	14 - 115	0	41
Benzyl alcohol	40.0	28.0		ug/L		70	19 - 115	2	35
1,2-Dichlorobenzene	40.0	28.7		ug/L		72	10 - 115	0	35
2-Methylphenol	40.0	24.7		ug/L		62	13 - 115	2	35
4-Methylphenol	40.0	23.3		ug/L		58	10 - 115	3	35
N-Nitrosodi-n-propylamine	40.0	30.6		ug/L		77	17 - 115	2	34
Hexachloroethane	40.0	27.2		ug/L		68	9 - 115	1	35
Nitrobenzene	40.0	30.2		ug/L		76	18 - 115	1	43
Isophorone	40.0	32.3		ug/L		81	18 - 134	1	39
2-Nitrophenol	40.0	33.9		ug/L		85	14 - 115	1	46
2,4-Dimethylphenol	40.0	31.0		ug/L		78	10 - 119	1	44
Bis(2-chloroethoxy)methane	40.0	30.7		ug/L		77	10 - 119	1	46
2,4-Dichlorophenol	40.0	32.4		ug/L		81	13 - 118	2	38
1,2,4-Trichlorobenzene	40.0	30.7		ug/L		77	10 - 115	0	51
Naphthalene	40.0	30.6		ug/L		77	12 - 115	0	42
4-Chloroaniline	40.0	30.6		ug/L		77	26 - 115	0	49
Hexachlorobutadiene	40.0	32.2		ug/L		81	12 - 115	2	46
4-Chloro-3-methylphenol	40.0	34.2		ug/L		85	19 - 128	0	40
2-Methylnaphthalene	40.0	33.2		ug/L		83	16 - 115	0	45

TestAmerica Pleasanton

# QC Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

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

Lab Sample ID: LCSD 720-229653/3-A

Matrix: Water

Analysis Batch: 229654

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 229653

%Rec.

RPD

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Hexachlorocyclopentadiene	40.0	13.9		ug/L	35	10 - 115	31	63	
2,4,6-Trichlorophenol	40.0	34.3		ug/L	86	20 - 120	2	43	
2,4,5-Trichlorophenol	40.0	35.0		ug/L	88	22 - 117	2	41	
2-Chloronaphthalene	40.0	31.7		ug/L	79	17 - 115	0	49	
2-Nitroaniline	40.0	36.0		ug/L	90	37 - 119	4	29	
Dimethyl phthalate	40.0	35.3		ug/L	88	48 - 127	5	29	
Acenaphthylene	40.0	32.9		ug/L	82	29 - 129	2	40	
3-Nitroaniline	40.0	33.5		ug/L	84	40 - 115	5	30	
Acenaphthene	40.0	33.9		ug/L	85	25 - 115	2	40	
2,4-Dinitrophenol	80.0	55.5		ug/L	69	44 - 116	19	21	
4-Nitrophenol	80.0	32.0		ug/L	40	20 - 115	4	32	
Dibenzofuran	40.0	33.3		ug/L	83	28 - 115	1	46	
2,4-Dinitrotoluene	40.0	37.3		ug/L	93	42 - 115	6	19	
2,6-Dinitrotoluene	40.0	35.0		ug/L	88	46 - 119	4	26	
Diethyl phthalate	40.0	37.1		ug/L	93	44 - 115	5	24	
4-Chlorophenyl phenyl ether	40.0	34.2		ug/L	86	32 - 115	2	38	
Fluorene	40.0	34.5		ug/L	86	39 - 115	2	39	
4-Nitroaniline	40.0	34.6		ug/L	87	46 - 115	7	23	
2-Methyl-4,6-dinitrophenol	80.0	61.2		ug/L	77	42 - 135	16	19	
N-Nitrosodiphenylamine	40.0	35.5		ug/L	89	41 - 115	4	27	
4-Bromophenyl phenyl ether	40.0	35.8		ug/L	90	42 - 115	0	29	
Hexachlorobenzene	40.0	36.8		ug/L	92	49 - 115	3	28	
Pentachlorophenol	80.0	74.3		ug/L	93	42 - 121	4	22	
Phenanthrone	40.0	36.1		ug/L	90	54 - 115	5	35	
Anthracene	40.0	37.1		ug/L	93	54 - 115	5	25	
Di-n-butyl phthalate	40.0	41.1		ug/L	103	58 - 115	7	26	
Fluoranthene	40.0	37.1		ug/L	93	65 - 115	8	26	
Pyrene	40.0	39.2		ug/L	98	53 - 115	3	22	
Butyl benzyl phthalate	40.0	42.0		ug/L	105	37 - 115	3	21	
3,3'-Dichlorobenzidine	40.0	33.9		ug/L	85	24 - 110	8	30	
Benzo[a]anthracene	40.0	38.0		ug/L	95	56 - 115	5	24	
Bis(2-ethylhexyl) phthalate	40.0	41.8		ug/L	105	59 - 115	3	30	
Chrysene	40.0	37.9		ug/L	95	50 - 115	5	24	
Di-n-octyl phthalate	40.0	42.1		ug/L	105	12 - 115	5	27	
Benzo[b]fluoranthene	40.0	39.0		ug/L	97	50 - 115	5	31	
Benzo[a]pyrene	40.0	36.5		ug/L	91	55 - 115	6	23	
Benzo[k]fluoranthene	40.0	39.4		ug/L	98	60 - 115	4	39	
Indeno[1,2,3-cd]pyrene	40.0	35.9		ug/L	90	49 - 117	10	19	
Benzo[g,h,i]perylene	40.0	38.3		ug/L	96	54 - 115	10	35	
Benzoic acid	40.0	13.6	J	ug/L	34	10 - 115	3	56	
Azobenzene	40.0	32.7		ug/L	82	42 - 115	4	35	
Dibenz(a,h)anthracene	40.0	35.2		ug/L	88	47 - 127	9	35	

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Nitrobenzene-d5	67		11 - 92
2-Fluorobiphenyl	79		10 - 101
Terphenyl-d14	106		34 - 128
2-Fluorophenol	35		10 - 65

TestAmerica Pleasanton

# QC Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

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

**Lab Sample ID:** LCSD 720-229653/3-A  
**Matrix:** Water  
**Analysis Batch:** 229654

**Client Sample ID:** Lab Control Sample Dup  
**Prep Type:** Total/NA  
**Prep Batch:** 229653

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Phenol-d5	26		10 - 46
2,4,6-Tribromophenol	104		17 - 115

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

**Lab Sample ID:** MB 720-229530/1-A  
**Matrix:** Solid  
**Analysis Batch:** 229654

**Client Sample ID:** Method Blank  
**Prep Type:** Total/NA  
**Prep Batch:** 229530

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		0.067	0.0055	mg/Kg	09/05/17 12:00	09/06/17 19:01		1
Bis(2-chloroethyl)ether	ND		0.067	0.0070	mg/Kg	09/05/17 12:00	09/06/17 19:01		1
2-Chlorophenol	ND		0.067	0.0037	mg/Kg	09/05/17 12:00	09/06/17 19:01		1
1,3-Dichlorobenzene	ND		0.067	0.0040	mg/Kg	09/05/17 12:00	09/06/17 19:01		1
1,4-Dichlorobenzene	ND		0.067	0.0090	mg/Kg	09/05/17 12:00	09/06/17 19:01		1
Benzyl alcohol	ND		0.17	0.0052	mg/Kg	09/05/17 12:00	09/06/17 19:01		1
1,2-Dichlorobenzene	ND		0.067	0.0047	mg/Kg	09/05/17 12:00	09/06/17 19:01		1
2-Methylphenol	ND		0.067	0.0050	mg/Kg	09/05/17 12:00	09/06/17 19:01		1
Methylphenol, 3 & 4	ND		0.067	0.0095	mg/Kg	09/05/17 12:00	09/06/17 19:01		1
N-Nitrosodi-n-propylamine	ND		0.067	0.033	mg/Kg	09/05/17 12:00	09/06/17 19:01		1
Hexachloroethane	ND		0.067	0.033	mg/Kg	09/05/17 12:00	09/06/17 19:01		1
Nitrobenzene	ND		0.067	0.014	mg/Kg	09/05/17 12:00	09/06/17 19:01		1
Isophorone	ND		0.067	0.0047	mg/Kg	09/05/17 12:00	09/06/17 19:01		1
2-Nitrophenol	ND		0.067	0.033	mg/Kg	09/05/17 12:00	09/06/17 19:01		1
2,4-Dimethylphenol	ND		0.067	0.027	mg/Kg	09/05/17 12:00	09/06/17 19:01		1
Bis(2-chloroethoxy)methane	ND		0.17	0.0055	mg/Kg	09/05/17 12:00	09/06/17 19:01		1
2,4-Dichlorophenol	ND		0.33	0.0045	mg/Kg	09/05/17 12:00	09/06/17 19:01		1
1,2,4-Trichlorobenzene	ND		0.067	0.0070	mg/Kg	09/05/17 12:00	09/06/17 19:01		1
Naphthalene	ND		0.067	0.0048	mg/Kg	09/05/17 12:00	09/06/17 19:01		1
4-Chloroaniline	ND		0.17	0.0044	mg/Kg	09/05/17 12:00	09/06/17 19:01		1
Hexachlorobutadiene	ND		0.067	0.0052	mg/Kg	09/05/17 12:00	09/06/17 19:01		1
4-Chloro-3-methylphenol	ND		0.17	0.0054	mg/Kg	09/05/17 12:00	09/06/17 19:01		1
2-Methylnaphthalene	ND		0.067	0.0062	mg/Kg	09/05/17 12:00	09/06/17 19:01		1
Hexachlorocyclopentadiene	ND		0.17	0.027	mg/Kg	09/05/17 12:00	09/06/17 19:01		1
2,4,6-Trichlorophenol	ND		0.17	0.0098	mg/Kg	09/05/17 12:00	09/06/17 19:01		1
2,4,5-Trichlorophenol	ND		0.067	0.0042	mg/Kg	09/05/17 12:00	09/06/17 19:01		1
2-Chloronaphthalene	ND		0.067	0.0048	mg/Kg	09/05/17 12:00	09/06/17 19:01		1
2-Nitroaniline	ND		0.33	0.034	mg/Kg	09/05/17 12:00	09/06/17 19:01		1
Dimethyl phthalate	ND		0.17	0.0058	mg/Kg	09/05/17 12:00	09/06/17 19:01		1
Acenaphthylene	ND		0.067	0.0056	mg/Kg	09/05/17 12:00	09/06/17 19:01		1
3-Nitroaniline	ND		0.17	0.039	mg/Kg	09/05/17 12:00	09/06/17 19:01		1
Acenaphthene	ND		0.067	0.0038	mg/Kg	09/05/17 12:00	09/06/17 19:01		1
2,4-Dinitrophenol	ND		0.66	0.066	mg/Kg	09/05/17 12:00	09/06/17 19:01		1
4-Nitrophenol	ND		0.33	0.034	mg/Kg	09/05/17 12:00	09/06/17 19:01		1
Dibenzofuran	ND		0.067	0.0053	mg/Kg	09/05/17 12:00	09/06/17 19:01		1
2,4-Dinitrotoluene	ND		0.067	0.033	mg/Kg	09/05/17 12:00	09/06/17 19:01		1
2,6-Dinitrotoluene	ND		0.067	0.034	mg/Kg	09/05/17 12:00	09/06/17 19:01		1
Diethyl phthalate	ND		0.17	0.0047	mg/Kg	09/05/17 12:00	09/06/17 19:01		1

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# QC Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

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

**Lab Sample ID: MB 720-229530/1-A**

**Matrix: Solid**

**Analysis Batch: 229654**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

**Prep Batch: 229530**

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier									
4-Chlorophenyl phenyl ether	ND		0.17		0.0059	mg/Kg		09/05/17 12:00	09/06/17 19:01		1
Fluorene	ND		0.067		0.0040	mg/Kg		09/05/17 12:00	09/06/17 19:01		1
4-Nitroaniline	ND		0.33		0.033	mg/Kg		09/05/17 12:00	09/06/17 19:01		1
2-Methyl-4,6-dinitrophenol	ND		0.33		0.034	mg/Kg		09/05/17 12:00	09/06/17 19:01		1
N-Nitrosodiphenylamine	ND		0.067		0.0039	mg/Kg		09/05/17 12:00	09/06/17 19:01		1
4-Bromophenyl phenyl ether	ND		0.17		0.0051	mg/Kg		09/05/17 12:00	09/06/17 19:01		1
Hexachlorobenzene	ND		0.067		0.033	mg/Kg		09/05/17 12:00	09/06/17 19:01		1
Pentachlorophenol	ND		0.33		0.016	mg/Kg		09/05/17 12:00	09/06/17 19:01		1
Phenanthrene	ND		0.067		0.0046	mg/Kg		09/05/17 12:00	09/06/17 19:01		1
Anthracene	ND		0.067		0.0043	mg/Kg		09/05/17 12:00	09/06/17 19:01		1
Di-n-butyl phthalate	ND		0.17		0.033	mg/Kg		09/05/17 12:00	09/06/17 19:01		1
Fluoranthene	ND		0.067		0.0073	mg/Kg		09/05/17 12:00	09/06/17 19:01		1
Pyrene	ND		0.067		0.0038	mg/Kg		09/05/17 12:00	09/06/17 19:01		1
Butyl benzyl phthalate	ND		0.17		0.0054	mg/Kg		09/05/17 12:00	09/06/17 19:01		1
3,3'-Dichlorobenzidine	ND		0.17		0.010	mg/Kg		09/05/17 12:00	09/06/17 19:01		1
Benzo[a]anthracene	ND		0.33		0.018	mg/Kg		09/05/17 12:00	09/06/17 19:01		1
Bis(2-ethylhexyl) phthalate	ND		0.33		0.0066	mg/Kg		09/05/17 12:00	09/06/17 19:01		1
Chrysene	ND		0.067		0.033	mg/Kg		09/05/17 12:00	09/06/17 19:01		1
Di-n-octyl phthalate	ND		0.17		0.0048	mg/Kg		09/05/17 12:00	09/06/17 19:01		1
Benzo[b]fluoranthene	ND		0.067		0.0095	mg/Kg		09/05/17 12:00	09/06/17 19:01		1
Benzo[a]pyrene	ND		0.067		0.0066	mg/Kg		09/05/17 12:00	09/06/17 19:01		1
Benzo[k]fluoranthene	ND		0.067		0.014	mg/Kg		09/05/17 12:00	09/06/17 19:01		1
Indeno[1,2,3-cd]pyrene	ND		0.067		0.013	mg/Kg		09/05/17 12:00	09/06/17 19:01		1
Benzo[g,h,i]perylene	ND		0.067		0.020	mg/Kg		09/05/17 12:00	09/06/17 19:01		1
Benzoic acid	ND		0.33		0.034	mg/Kg		09/05/17 12:00	09/06/17 19:01		1
Azobenzene	ND		0.067		0.0058	mg/Kg		09/05/17 12:00	09/06/17 19:01		1
Dibenz(a,h)anthracene	ND		0.067		0.015	mg/Kg		09/05/17 12:00	09/06/17 19:01		1

**MB MB**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
				D	%Rec.	
Nitrobenzene-d5	56		21 - 98	09/05/17 12:00	09/06/17 19:01	1
2-Fluorobiphenyl	65		30 - 112	09/05/17 12:00	09/06/17 19:01	1
Terphenyl-d14	78		59 - 134	09/05/17 12:00	09/06/17 19:01	1
2-Fluorophenol	61		28 - 98	09/05/17 12:00	09/06/17 19:01	1
Phenol-d5	63		23 - 101	09/05/17 12:00	09/06/17 19:01	1
2,4,6-Tribromophenol	69		37 - 114	09/05/17 12:00	09/06/17 19:01	1

**Lab Sample ID: LCS 720-229530/2-A**

**Matrix: Solid**

**Analysis Batch: 229654**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Prep Batch: 229530**

**%Rec.**

Analyte	Spike Added	LCS		Unit	D	%Rec	Limits
		Result	Qualifier				
Phenol	1.33	0.854		mg/Kg	64	48 - 115	
Bis(2-chloroethyl)ether	1.33	0.795		mg/Kg	60	45 - 115	
2-Chlorophenol	1.33	0.868		mg/Kg	65	48 - 115	
1,3-Dichlorobenzene	1.33	0.807		mg/Kg	61	41 - 115	
1,4-Dichlorobenzene	1.33	0.823		mg/Kg	62	40 - 115	
Benzyl alcohol	1.33	0.923		mg/Kg	69	51 - 115	

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# QC Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

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

**Lab Sample ID: LCS 720-229530/2-A**

**Matrix: Solid**

**Analysis Batch: 229654**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Prep Batch: 229530**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits	
1,2-Dichlorobenzene	1.33	0.826		mg/Kg	62	44 - 115		
2-Methylphenol	1.33	0.885		mg/Kg	66	54 - 115		
Methylphenol, 3 & 4	1.33	0.917		mg/Kg	69	42 - 115		
N-Nitrosodi-n-propylamine	1.33	0.830		mg/Kg	62	46 - 115		
Hexachloroethane	1.33	0.844		mg/Kg	63	44 - 115		
Nitrobenzene	1.33	0.864		mg/Kg	65	48 - 115		
Isophorone	1.33	0.900		mg/Kg	67	54 - 115		
2-Nitrophenol	1.33	0.926		mg/Kg	69	48 - 115		
2,4-Dimethylphenol	1.33	0.911		mg/Kg	68	52 - 115		
Bis(2-chloroethoxy)methane	1.33	0.860		mg/Kg	64	46 - 115		
2,4-Dichlorophenol	1.33	0.947		mg/Kg	71	49 - 100		
1,2,4-Trichlorobenzene	1.33	0.850		mg/Kg	64	47 - 115		
Naphthalene	1.33	0.845		mg/Kg	63	44 - 115		
4-Chloroaniline	1.33	0.818		mg/Kg	61	30 - 115		
Hexachlorobutadiene	1.33	0.890		mg/Kg	67	44 - 115		
4-Chloro-3-methylphenol	1.33	1.02		mg/Kg	76	58 - 115		
2-Methylnaphthalene	1.33	0.933		mg/Kg	70	49 - 115		
Hexachlorocyclopentadiene	1.33	0.747		mg/Kg	56	42 - 132		
2,4,6-Trichlorophenol	1.33	0.931		mg/Kg	70	45 - 115		
2,4,5-Trichlorophenol	1.33	0.944		mg/Kg	71	48 - 115		
2-Chloronaphthalene	1.33	0.863		mg/Kg	65	52 - 115		
2-Nitroaniline	1.33	0.943		mg/Kg	71	54 - 115		
Dimethyl phthalate	1.33	0.953		mg/Kg	71	64 - 119		
Acenaphthylene	1.33	0.915		mg/Kg	69	61 - 129		
3-Nitroaniline	1.33	0.862		mg/Kg	65	50 - 115		
Acenaphthene	1.33	0.912		mg/Kg	68	50 - 115		
2,4-Dinitrophenol	2.67	1.88		mg/Kg	71	15 - 115		
4-Nitrophenol	2.67	2.15		mg/Kg	81	54 - 125		
Dibenzofuran	1.33	0.943		mg/Kg	71	55 - 115		
2,4-Dinitrotoluene	1.33	0.988		mg/Kg	74	57 - 115		
2,6-Dinitrotoluene	1.33	0.946		mg/Kg	71	54 - 119		
Diethyl phthalate	1.33	0.973		mg/Kg	73	49 - 117		
4-Chlorophenyl phenyl ether	1.33	0.970		mg/Kg	73	57 - 115		
Fluorene	1.33	0.930		mg/Kg	70	54 - 115		
4-Nitroaniline	1.33	0.899		mg/Kg	67	59 - 115		
2-Methyl-4,6-dinitrophenol	2.67	1.98		mg/Kg	74	39 - 115		
N-Nitrosodiphenylamine	1.33	0.935		mg/Kg	70	56 - 115		
4-Bromophenyl phenyl ether	1.33	0.953		mg/Kg	71	53 - 115		
Hexachlorobenzene	1.33	0.954		mg/Kg	72	55 - 115		
Pentachlorophenol	2.67	1.89		mg/Kg	71	35 - 115		
Phenanthrene	1.33	0.938		mg/Kg	70	54 - 115		
Anthracene	1.33	0.951		mg/Kg	71	55 - 115		
Di-n-butyl phthalate	1.33	1.05		mg/Kg	78	55 - 115		
Fluoranthene	1.33	0.974		mg/Kg	73	52 - 130		
Pyrene	1.33	1.06		mg/Kg	80	48 - 115		
Butyl benzyl phthalate	1.33	1.09		mg/Kg	82	53 - 115		
3,3'-Dichlorobenzidine	1.33	0.906		mg/Kg	68	42 - 115		

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# QC Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

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

**Lab Sample ID: LCS 720-229530/2-A**

**Matrix: Solid**

**Analysis Batch: 229654**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Prep Batch: 229530**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Benzo[a]anthracene	1.33	0.993		mg/Kg		74	55 - 115
Bis(2-ethylhexyl) phthalate	1.33	1.07		mg/Kg		80	53 - 115
Chrysene	1.33	0.987		mg/Kg		74	58 - 115
Di-n-octyl phthalate	1.33	1.06		mg/Kg		80	53 - 115
Benzo[b]fluoranthene	1.33	1.00		mg/Kg		75	50 - 119
Benzo[a]pyrene	1.33	0.956		mg/Kg		72	57 - 122
Benzo[k]fluoranthene	1.33	0.987		mg/Kg		74	55 - 120
Indeno[1,2,3-cd]pyrene	1.33	0.928		mg/Kg		70	56 - 115
Benzo[g,h,i]perylene	1.33	0.971		mg/Kg		73	56 - 115
Benzoic acid	1.33	0.950		mg/Kg		71	10 - 115
Azobenzene	1.33	0.900		mg/Kg		68	52 - 115
Dibenz(a,h)anthracene	1.33	0.910		mg/Kg		68	57 - 121
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
Nitrobenzene-d5	60		21 - 98				
2-Fluorobiphenyl	67		30 - 112				
Terphenyl-d14	86		59 - 134				
2-Fluorophenol	61		28 - 98				
Phenol-d5	66		23 - 101				
2,4,6-Tribromophenol	82		37 - 114				

**Lab Sample ID: LCSD 720-229530/3-A**

**Matrix: Solid**

**Analysis Batch: 229654**

**Client Sample ID: Lab Control Sample Dup**

**Prep Type: Total/NA**

**Prep Batch: 229530**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Phenol	1.33	0.875		mg/Kg		66	48 - 115	2	35
Bis(2-chloroethyl)ether	1.33	0.823		mg/Kg		62	45 - 115	3	35
2-Chlorophenol	1.33	0.894		mg/Kg		67	48 - 115	3	35
1,3-Dichlorobenzene	1.33	0.834		mg/Kg		63	41 - 115	3	35
1,4-Dichlorobenzene	1.33	0.853		mg/Kg		64	40 - 115	4	35
Benzyl alcohol	1.33	0.929		mg/Kg		70	51 - 115	1	35
1,2-Dichlorobenzene	1.33	0.846		mg/Kg		63	44 - 115	2	35
2-Methylphenol	1.33	0.903		mg/Kg		68	54 - 115	2	35
Methylphenol, 3 & 4	1.33	0.924		mg/Kg		69	42 - 115	1	35
N-Nitrosodi-n-propylamine	1.33	0.845		mg/Kg		63	46 - 115	2	35
Hexachloroethane	1.33	0.869		mg/Kg		65	44 - 115	3	35
Nitrobenzene	1.33	0.870		mg/Kg		65	48 - 115	1	35
Isophorone	1.33	0.894		mg/Kg		67	54 - 115	1	35
2-Nitrophenol	1.33	0.943		mg/Kg		71	48 - 115	2	35
2,4-Dimethylphenol	1.33	0.904		mg/Kg		68	52 - 115	1	35
Bis(2-chloroethoxy)methane	1.33	0.869		mg/Kg		65	46 - 115	1	35
2,4-Dichlorophenol	1.33	0.943		mg/Kg		71	49 - 100	0	35
1,2,4-Trichlorobenzene	1.33	0.875		mg/Kg		66	47 - 115	3	35
Naphthalene	1.33	0.853		mg/Kg		64	44 - 115	1	35
4-Chloroaniline	1.33	0.811		mg/Kg		61	30 - 115	1	35
Hexachlorobutadiene	1.33	0.902		mg/Kg		68	44 - 115	1	35

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# QC Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

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

**Lab Sample ID: LCSD 720-229530/3-A**

**Client Sample ID: Lab Control Sample Dup**

**Matrix: Solid**

**Prep Type: Total/NA**

**Analysis Batch: 229654**

**Prep Batch: 229530**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec.	RPD	RPD	Limit
4-Chloro-3-methylphenol	1.33	0.981		mg/Kg	74	58 - 115	4	35		
2-Methylnaphthalene	1.33	0.921		mg/Kg	69	49 - 115	1	35		
Hexachlorocyclopentadiene	1.33	0.792		mg/Kg	59	42 - 132	6	35		
2,4,6-Trichlorophenol	1.33	0.936		mg/Kg	70	45 - 115	1	35		
2,4,5-Trichlorophenol	1.33	0.952		mg/Kg	71	48 - 115	1	35		
2-Chloronaphthalene	1.33	0.874		mg/Kg	66	52 - 115	1	35		
2-Nitroaniline	1.33	0.932		mg/Kg	70	54 - 115	1	35		
Dimethyl phthalate	1.33	0.935		mg/Kg	70	64 - 119	2	35		
Acenaphthylene	1.33	0.921		mg/Kg	69	61 - 129	1	35		
3-Nitroaniline	1.33	0.828		mg/Kg	62	50 - 115	4	35		
Acenaphthene	1.33	0.917		mg/Kg	69	50 - 115	1	35		
2,4-Dinitrophenol	2.67	1.75		mg/Kg	66	15 - 115	7	35		
4-Nitrophenol	2.67	2.03		mg/Kg	76	54 - 125	6	35		
Dibenzofuran	1.33	0.928		mg/Kg	70	55 - 115	2	35		
2,4-Dinitrotoluene	1.33	0.948		mg/Kg	71	57 - 115	4	35		
2,6-Dinitrotoluene	1.33	0.936		mg/Kg	70	54 - 119	1	35		
Diethyl phthalate	1.33	0.952		mg/Kg	71	49 - 117	2	35		
4-Chlorophenyl phenyl ether	1.33	0.963		mg/Kg	72	57 - 115	1	35		
Fluorene	1.33	0.914		mg/Kg	69	54 - 115	2	35		
4-Nitroaniline	1.33	0.829		mg/Kg	62	59 - 115	8	35		
2-Methyl-4,6-dinitrophenol	2.67	1.94		mg/Kg	73	39 - 115	2	35		
N-Nitrosodiphenylamine	1.33	0.942		mg/Kg	71	56 - 115	1	35		
4-Bromophenyl phenyl ether	1.33	0.952		mg/Kg	71	53 - 115	0	35		
Hexachlorobenzene	1.33	0.957		mg/Kg	72	55 - 115	0	35		
Pentachlorophenol	2.67	1.85		mg/Kg	69	35 - 115	2	35		
Phenanthrene	1.33	0.924		mg/Kg	69	54 - 115	1	35		
Anthracene	1.33	0.933		mg/Kg	70	55 - 115	2	35		
Di-n-butyl phthalate	1.33	1.01		mg/Kg	76	55 - 115	3	35		
Fluoranthene	1.33	0.945		mg/Kg	71	52 - 130	3	35		
Pyrene	1.33	1.04		mg/Kg	78	48 - 115	3	35		
Butyl benzyl phthalate	1.33	1.05		mg/Kg	79	53 - 115	4	35		
3,3'-Dichlorobenzidine	1.33	0.859		mg/Kg	64	42 - 115	5	35		
Benzo[a]anthracene	1.33	0.958		mg/Kg	72	55 - 115	4	35		
Bis(2-ethylhexyl) phthalate	1.33	1.03		mg/Kg	77	53 - 115	3	35		
Chrysene	1.33	0.948		mg/Kg	71	58 - 115	4	35		
Di-n-octyl phthalate	1.33	1.02		mg/Kg	77	53 - 115	4	35		
Benzo[b]fluoranthene	1.33	0.985		mg/Kg	74	50 - 119	2	35		
Benzo[a]pyrene	1.33	0.931		mg/Kg	70	57 - 122	3	35		
Benzo[k]fluoranthene	1.33	0.974		mg/Kg	73	55 - 120	1	35		
Indeno[1,2,3-cd]pyrene	1.33	0.915		mg/Kg	69	56 - 115	1	35		
Benzo[g,h,i]perylene	1.33	0.953		mg/Kg	71	56 - 115	2	35		
Benzoic acid	1.33	0.883		mg/Kg	66	10 - 115	7	35		
Azobenzene	1.33	0.878		mg/Kg	66	52 - 115	3	35		
Dibenz(a,h)anthracene	1.33	0.895		mg/Kg	67	57 - 121	2	35		

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# QC Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

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

**Lab Sample ID:** LCSD 720-229530/3-A  
**Matrix:** Solid  
**Analysis Batch:** 229654

**Client Sample ID:** Lab Control Sample Dup  
**Prep Type:** Total/NA  
**Prep Batch:** 229530

Surrogate	LCSD	LCSD	%Recovery	Qualifier	Limits
Nitrobenzene-d5	58				21 - 98
2-Fluorobiphenyl	66				30 - 112
Terphenyl-d14	80				59 - 134
2-Fluorophenol	61				28 - 98
Phenol-d5	64				23 - 101
2,4,6-Tribromophenol	77				37 - 114

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

**Lab Sample ID:** MB 720-229482/1-A  
**Matrix:** Water  
**Analysis Batch:** 229486

**Client Sample ID:** Method Blank  
**Prep Type:** Total/NA  
**Prep Batch:** 229482

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND				50		ug/L		09/01/17 21:48	09/02/17 14:05	1
Motor Oil Range Organics [C24-C36]	ND				99		ug/L		09/01/17 21:48	09/02/17 14:05	1
Surrogate	MB	MB	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
p-Terphenyl			81		23 - 156				09/01/17 21:48	09/02/17 14:05	1

**Lab Sample ID:** LCS 720-229482/2-A  
**Matrix:** Water  
**Analysis Batch:** 229486

**Client Sample ID:** Lab Control Sample  
**Prep Type:** Total/NA  
**Prep Batch:** 229482

Analyte	LCS	LCS	Spike	Added	Result	Qualifier	Unit	D	%Rec.	RPD
Diesel Range Organics [C10-C28]				2500	2140		ug/L		86	34 - 115
Surrogate	LCS	LCS	%Recovery	Qualifier	Limits				Limits	
p-Terphenyl			90		23 - 156					

**Lab Sample ID:** LCSD 720-229482/3-A  
**Matrix:** Water  
**Analysis Batch:** 229486

**Client Sample ID:** Lab Control Sample Dup  
**Prep Type:** Total/NA  
**Prep Batch:** 229482

Analyte	LCSD	LCSD	Spike	Added	Result	Qualifier	Unit	D	%Rec.	RPD
Diesel Range Organics [C10-C28]				2500	2240		ug/L		90	34 - 115
Surrogate	LCSD	LCSD	%Recovery	Qualifier	Limits				Limits	Limit
p-Terphenyl			94		23 - 156					35

# QC Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

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

**Lab Sample ID:** MB 720-229636/1-A

**Matrix:** Solid

**Analysis Batch:** 229587

**Client Sample ID:** Method Blank

**Prep Type:** Total/NA

**Prep Batch:** 229636

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Diesel Range Organics [C10-C28]	ND		1.0		mg/Kg		09/06/17 14:54	09/07/17 05:29	1
Motor Oil Range Organics [C24-C36]	ND		50		mg/Kg		09/06/17 14:54	09/07/17 05:29	1
Surrogate	MB	MB	Limits			D	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier					09/06/17 14:54	09/07/17 05:29	1
p-Terphenyl	102		40 - 130						

**Lab Sample ID:** LCS 720-229636/2-A

**Matrix:** Solid

**Analysis Batch:** 229587

**Client Sample ID:** Lab Control Sample

**Prep Type:** Total/NA

**Prep Batch:** 229636

Analyte	MB	MB	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.
	Result	Qualifier							
Diesel Range Organics [C10-C28]			83.3	71.2		mg/Kg		85	50 - 150
Surrogate	MB	MB	Limits				D	%Rec	
	%Recovery	Qualifier							
p-Terphenyl	85		40 - 130						

## Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Lab Sample ID:** MB 720-229537/1-A

**Matrix:** Solid

**Analysis Batch:** 229612

**Client Sample ID:** Method Blank

**Prep Type:** Total/NA

**Prep Batch:** 229537

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
PCB-1016	ND		50		ug/Kg		09/05/17 12:59	09/06/17 19:24	1
PCB-1221	ND		50		ug/Kg		09/05/17 12:59	09/06/17 19:24	1
PCB-1232	ND		50		ug/Kg		09/05/17 12:59	09/06/17 19:24	1
PCB-1242	ND		50		ug/Kg		09/05/17 12:59	09/06/17 19:24	1
PCB-1248	ND		50		ug/Kg		09/05/17 12:59	09/06/17 19:24	1
PCB-1254	ND		50		ug/Kg		09/05/17 12:59	09/06/17 19:24	1
PCB-1260	ND		50		ug/Kg		09/05/17 12:59	09/06/17 19:24	1
Surrogate	MB	MB	Limits				Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier					09/05/17 12:59	09/06/17 19:24	1
Tetrachloro-m-xylene	88		45 - 132						
DCB Decachlorobiphenyl	85		42 - 146				09/05/17 12:59	09/06/17 19:24	1

**Lab Sample ID:** LCS 720-229537/2-A

**Matrix:** Solid

**Analysis Batch:** 229612

**Client Sample ID:** Lab Control Sample

**Prep Type:** Total/NA

**Prep Batch:** 229537

Analyte	MB	MB	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.
	Result	Qualifier							
PCB-1016			133	105		ug/Kg		79	65 - 121
PCB-1260			133	116		ug/Kg		87	68 - 127
Surrogate	MB	MB	Limits				D	%Rec	
	%Recovery	Qualifier							
Tetrachloro-m-xylene	69		45 - 132						
DCB Decachlorobiphenyl	88		42 - 146						

TestAmerica Pleasanton

# QC Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

**Lab Sample ID: LCSD 720-229537/3-A**  
**Matrix: Solid**  
**Analysis Batch: 229612**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 229537**

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	%Rec.	RPD	RPD	Limit
		Result	Qualifier							
PCB-1016	133	116		ug/Kg		87	65 - 121			
PCB-1260	133	123		ug/Kg		92	68 - 127	6	20	
<b>Surrogate</b>										
Tetrachloro-m-xylene	76		45 - 132							
DCB Decachlorobiphenyl	86		42 - 146							

## Method: 6010B - Metals (ICP)

**Lab Sample ID: MB 720-229481/1-A**  
**Matrix: Solid**  
**Analysis Batch: 229527**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 229481**

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Antimony	ND		0.50		mg/Kg		09/02/17 09:04	09/05/17 09:07	1
Arsenic	ND		1.0		mg/Kg		09/02/17 09:04	09/05/17 09:07	1
Barium	ND		0.50		mg/Kg		09/02/17 09:04	09/05/17 09:07	1
Beryllium	ND		0.10		mg/Kg		09/02/17 09:04	09/05/17 09:07	1
Cadmium	ND		0.13		mg/Kg		09/02/17 09:04	09/05/17 09:07	1
Chromium	ND		0.50		mg/Kg		09/02/17 09:04	09/05/17 09:07	1
Cobalt	ND		0.20		mg/Kg		09/02/17 09:04	09/05/17 09:07	1
Copper	ND		1.5		mg/Kg		09/02/17 09:04	09/05/17 09:07	1
Lead	ND		0.50		mg/Kg		09/02/17 09:04	09/05/17 09:07	1
Molybdenum	ND		0.50		mg/Kg		09/02/17 09:04	09/05/17 09:07	1
Nickel	ND		0.50		mg/Kg		09/02/17 09:04	09/05/17 09:07	1
Selenium	ND		1.0		mg/Kg		09/02/17 09:04	09/05/17 09:07	1
Silver	ND		0.25		mg/Kg		09/02/17 09:04	09/05/17 09:07	1
Thallium	ND		0.50		mg/Kg		09/02/17 09:04	09/05/17 09:07	1
Vanadium	ND		0.50		mg/Kg		09/02/17 09:04	09/05/17 09:07	1
Zinc	ND		1.5		mg/Kg		09/02/17 09:04	09/05/17 09:07	1

**Lab Sample ID: LCS 720-229481/2-A**  
**Matrix: Solid**  
**Analysis Batch: 229527**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 229481**

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec.	Limits
		Result	Qualifier					
Antimony	50.0	47.5		mg/Kg		95	80 - 120	
Arsenic	50.0	47.3		mg/Kg		95	80 - 120	
Barium	50.0	47.7		mg/Kg		95	80 - 120	
Beryllium	50.0	47.4		mg/Kg		95	80 - 120	
Cadmium	50.0	47.8		mg/Kg		96	80 - 120	
Chromium	50.0	47.9		mg/Kg		96	80 - 120	
Cobalt	50.0	48.8		mg/Kg		98	80 - 120	
Copper	50.0	47.9		mg/Kg		96	80 - 120	
Lead	50.0	48.4		mg/Kg		97	80 - 120	
Molybdenum	50.0	48.2		mg/Kg		96	80 - 120	
Nickel	50.0	48.5		mg/Kg		97	80 - 120	
Selenium	50.0	46.2		mg/Kg		92	80 - 120	
Silver	25.0	23.5		mg/Kg		94	80 - 120	
Thallium	50.0	48.7		mg/Kg		97	80 - 120	

TestAmerica Pleasanton

# QC Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

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

**Lab Sample ID: LCS 720-229481/2-A**

**Matrix: Solid**

**Analysis Batch: 229527**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Prep Batch: 229481**

**%Rec.**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Vanadium	50.0	47.4		mg/Kg	95	80 - 120	
Zinc	50.0	47.5		mg/Kg	95	80 - 120	

**Lab Sample ID: MB 720-229596/1-A**

**Matrix: Water**

**Analysis Batch: 229662**

**Client Sample ID: Method Blank**

**Prep Type: Total Recoverable**

**Prep Batch: 229596**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.010		mg/L	09/06/17 08:15	09/06/17 17:49		1
Arsenic	ND		0.010		mg/L	09/06/17 08:15	09/06/17 17:49		1
Barium	ND		0.050		mg/L	09/06/17 08:15	09/06/17 17:49		1
Beryllium	ND		0.0020		mg/L	09/06/17 08:15	09/06/17 17:49		1
Cadmium	ND		0.0020		mg/L	09/06/17 08:15	09/06/17 17:49		1
Chromium	ND		0.010		mg/L	09/06/17 08:15	09/06/17 17:49		1
Cobalt	ND		0.0020		mg/L	09/06/17 08:15	09/06/17 17:49		1
Copper	ND		0.020		mg/L	09/06/17 08:15	09/06/17 17:49		1
Lead	ND		0.0050		mg/L	09/06/17 08:15	09/06/17 17:49		1
Molybdenum	ND		0.010		mg/L	09/06/17 08:15	09/06/17 17:49		1
Nickel	ND		0.010		mg/L	09/06/17 08:15	09/06/17 17:49		1
Selenium	ND		0.020		mg/L	09/06/17 08:15	09/06/17 17:49		1
Silver	ND		0.0050		mg/L	09/06/17 08:15	09/06/17 17:49		1
Thallium	ND		0.010		mg/L	09/06/17 08:15	09/06/17 17:49		1
Vanadium	ND		0.010		mg/L	09/06/17 08:15	09/06/17 17:49		1
Zinc	ND		0.020		mg/L	09/06/17 08:15	09/06/17 17:49		1

**Lab Sample ID: LCS 720-229596/2-A**

**Matrix: Water**

**Analysis Batch: 229662**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total Recoverable**

**Prep Batch: 229596**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Antimony	1.00	0.984		mg/L	98	80 - 120	
Arsenic	1.00	0.970		mg/L	97	80 - 120	
Barium	1.00	0.988		mg/L	99	80 - 120	
Beryllium	1.00	0.962		mg/L	96	80 - 120	
Cadmium	1.00	1.00		mg/L	100	80 - 120	
Chromium	1.00	0.954		mg/L	95	80 - 120	
Cobalt	1.00	1.00		mg/L	100	80 - 120	
Copper	1.00	0.968		mg/L	97	80 - 120	
Lead	1.00	0.941		mg/L	94	80 - 120	
Molybdenum	1.00	0.924		mg/L	92	80 - 120	
Nickel	1.00	0.974		mg/L	97	80 - 120	
Selenium	1.00	0.968		mg/L	97	80 - 120	
Silver	0.500	0.505		mg/L	101	80 - 120	
Thallium	1.00	0.954		mg/L	95	80 - 120	
Vanadium	1.00	0.968		mg/L	97	80 - 120	
Zinc	1.00	0.992		mg/L	99	80 - 120	

TestAmerica Pleasanton

# QC Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

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

**Lab Sample ID: MB 720-229562/1-B**

**Matrix: Water**

**Analysis Batch: 229662**

**Client Sample ID: Method Blank**

**Prep Type: Dissolved**

**Prep Batch: 229596**

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Antimony	ND		0.010	mg/L		09/06/17 08:15	09/06/17 17:55		1
Arsenic	ND		0.010	mg/L		09/06/17 08:15	09/06/17 17:55		1
Barium	ND		0.050	mg/L		09/06/17 08:15	09/06/17 17:55		1
Beryllium	ND		0.0020	mg/L		09/06/17 08:15	09/06/17 17:55		1
Cadmium	ND		0.0020	mg/L		09/06/17 08:15	09/06/17 17:55		1
Chromium	ND		0.010	mg/L		09/06/17 08:15	09/06/17 17:55		1
Cobalt	ND		0.0020	mg/L		09/06/17 08:15	09/06/17 17:55		1
Copper	ND		0.020	mg/L		09/06/17 08:15	09/06/17 17:55		1
Lead	ND		0.0050	mg/L		09/06/17 08:15	09/06/17 17:55		1
Molybdenum	ND		0.010	mg/L		09/06/17 08:15	09/06/17 17:55		1
Nickel	ND		0.010	mg/L		09/06/17 08:15	09/06/17 17:55		1
Selenium	ND		0.020	mg/L		09/06/17 08:15	09/06/17 17:55		1
Silver	ND		0.0050	mg/L		09/06/17 08:15	09/06/17 17:55		1
Thallium	ND		0.010	mg/L		09/06/17 08:15	09/06/17 17:55		1
Vanadium	ND		0.010	mg/L		09/06/17 08:15	09/06/17 17:55		1
Zinc	ND		0.020	mg/L		09/06/17 08:15	09/06/17 17:55		1

**Lab Sample ID: 720-81635-7 MS**

**Matrix: Water**

**Analysis Batch: 229662**

**Client Sample ID: SB-01-GW-15-20**

**Prep Type: Dissolved**

**Prep Batch: 229596**

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.	Limits
	Result	Qualifier	Added	Result	Qualifier					
Antimony	ND		1.00	0.991		mg/L	99	75 - 125		
Arsenic	ND		1.00	1.01		mg/L	101	75 - 125		
Barium	0.050		1.00	1.03		mg/L	98	75 - 125		
Beryllium	ND		1.00	0.966		mg/L	97	75 - 125		
Cadmium	ND		1.00	0.981		mg/L	98	75 - 125		
Chromium	ND		1.00	0.941		mg/L	94	75 - 125		
Cobalt	0.0023		1.00	0.956		mg/L	95	75 - 125		
Copper	ND		1.00	0.938		mg/L	94	75 - 125		
Lead	0.011		1.00	0.911		mg/L	90	75 - 125		
Molybdenum	ND		1.00	0.949		mg/L	94	75 - 125		
Nickel	ND		1.00	0.934		mg/L	93	75 - 125		
Selenium	0.079		1.00	1.05		mg/L	97	75 - 125		
Silver	ND		0.500	0.495		mg/L	99	75 - 125		
Thallium	ND		1.00	0.887		mg/L	89	75 - 125		
Vanadium	ND		1.00	0.982		mg/L	98	75 - 125		
Zinc	ND		1.00	0.977		mg/L	98	75 - 125		

**Lab Sample ID: 720-81635-7 MSD**

**Matrix: Water**

**Analysis Batch: 229662**

**Client Sample ID: SB-01-GW-15-20**

**Prep Type: Dissolved**

**Prep Batch: 229596**

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	Limits	RPD
	Result	Qualifier	Added	Result	Qualifier					
Antimony	ND		1.00	0.997		mg/L	100	75 - 125		1
Arsenic	ND		1.00	1.01		mg/L	101	75 - 125		0
Barium	0.050		1.00	1.04		mg/L	99	75 - 125		0
Beryllium	ND		1.00	0.965		mg/L	96	75 - 125		0

TestAmerica Pleasanton

# QC Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

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

**Lab Sample ID: 720-81635-7 MSD**

**Matrix: Water**

**Analysis Batch: 229662**

**Client Sample ID: SB-01-GW-15-20**

**Prep Type: Dissolved**

**Prep Batch: 229596**

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	Limits	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier						
Cadmium	ND		1.00	0.986		mg/L	99	75 - 125	0	20	
Chromium	ND		1.00	0.953		mg/L	95	75 - 125	1	20	
Cobalt	0.0023		1.00	0.959		mg/L	96	75 - 125	0	20	
Copper	ND		1.00	0.955		mg/L	96	75 - 125	2	20	
Lead	0.011		1.00	0.906		mg/L	90	75 - 125	0	20	
Molybdenum	ND		1.00	0.949		mg/L	94	75 - 125	0	20	
Nickel	ND		1.00	0.934		mg/L	93	75 - 125	0	20	
Selenium	0.079		1.00	1.06		mg/L	98	75 - 125	1	20	
Silver	ND		0.500	0.507		mg/L	101	75 - 125	2	20	
Thallium	ND		1.00	0.886		mg/L	89	75 - 125	0	20	
Vanadium	ND		1.00	0.998		mg/L	100	75 - 125	2	20	
Zinc	ND		1.00	0.978		mg/L	98	75 - 125	0	20	

## Method: 7470A - Mercury (CVAA)

**Lab Sample ID: MB 720-229645/1-A**

**Matrix: Water**

**Analysis Batch: 229722**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

**Prep Batch: 229645**

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Mercury	ND		0.00020		mg/L	09/07/17 08:53	09/07/17 14:23		1

**Lab Sample ID: LCS 720-229645/2-A**

**Client Sample ID: Lab Control Sample**

**Matrix: Water**

**Analysis Batch: 229722**

**Prep Type: Total/NA**

**Prep Batch: 229645**

Analyte	Spike	LCS	LCS	Unit	D	%Rec	Limits
	Added	Result	Qualifier				
Mercury	0.0100	0.0104		mg/L	104	85 - 115	

**Lab Sample ID: MB 720-229562/1-D**

**Client Sample ID: Method Blank**

**Matrix: Water**

**Analysis Batch: 229722**

**Prep Type: Dissolved**

**Prep Batch: 229645**

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Mercury	ND		0.00020		mg/L	09/07/17 08:53	09/07/17 14:27		1

**Lab Sample ID: 720-81635-20 MS**

**Client Sample ID: SB-02-GW-15-20**

**Matrix: Water**

**Analysis Batch: 229722**

**Prep Type: Dissolved**

**Prep Batch: 229645**

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	Limits
	Result	Qualifier	Added	Result	Qualifier				
Mercury	ND		0.0100	0.0105		mg/L	105	75 - 125	

**Lab Sample ID: 720-81635-20 MSD**

**Client Sample ID: SB-02-GW-15-20**

**Matrix: Water**

**Analysis Batch: 229722**

**Prep Type: Dissolved**

**Prep Batch: 229645**

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	Limits	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier						
Mercury	ND		0.0100	0.0103		mg/L	103	75 - 125	1	20	

TestAmerica Pleasanton

# QC Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

## Method: 7471A - Mercury (CVAA)

**Lab Sample ID:** MB 720-229556/1-A

**Matrix:** Solid

**Analysis Batch:** 229624

**Client Sample ID:** Method Blank

**Prep Type:** Total/NA

**Prep Batch:** 229556

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.017		mg/Kg		09/06/17 09:15	09/06/17 11:11	1

**Lab Sample ID:** LCS 720-229556/2-A

**Matrix:** Solid

**Analysis Batch:** 229624

**Client Sample ID:** Lab Control Sample

**Prep Type:** Total/NA

**Prep Batch:** 229556

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec.	Limits
Mercury	0.833	0.767		mg/Kg		92	80 - 120

**Lab Sample ID:** MB 720-229563/1-A

**Matrix:** Solid

**Analysis Batch:** 229637

**Client Sample ID:** Method Blank

**Prep Type:** Total/NA

**Prep Batch:** 229563

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.017		mg/Kg		09/06/17 10:03	09/06/17 13:17	1

**Lab Sample ID:** LCS 720-229563/2-A

**Matrix:** Solid

**Analysis Batch:** 229637

**Client Sample ID:** Lab Control Sample

**Prep Type:** Total/NA

**Prep Batch:** 229563

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec.	Limits
Mercury	0.833	0.768		mg/Kg		92	80 - 120

# QC Association Summary

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

## GC/MS VOA

### Analysis Batch: 229485

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-81635-7	SB-01-GW-15-20	Total/NA	Water	8260B/CA_LUFT MS	5
MB 720-229485/4	Method Blank	Total/NA	Water	8260B/CA_LUFT MS	6
LCS 720-229485/5	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	7
LCS 720-229485/7	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	8
LCSD 720-229485/6	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT MS	9
LCSD 720-229485/8	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT MS	10

### Analysis Batch: 229505

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-81635-3	SB-05-SO-5.0	Total/NA	Solid	8260B/CA_LUFT MS	11
MB 720-229505/10	Method Blank	Total/NA	Solid	8260B/CA_LUFT MS	12
LCS 720-229505/6	Lab Control Sample	Total/NA	Solid	8260B/CA_LUFT MS	13
LCS 720-229505/8	Lab Control Sample	Total/NA	Solid	8260B/CA_LUFT MS	14
LCSD 720-229505/7	Lab Control Sample Dup	Total/NA	Solid	8260B/CA_LUFT MS	15
LCSD 720-229505/9	Lab Control Sample Dup	Total/NA	Solid	8260B/CA_LUFT MS	

### Prep Batch: 229533

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-81635-3	SB-05-SO-5.0	Total/NA	Solid	5035	

### Analysis Batch: 229591

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-81635-15	SB-09-SO-5.0	Total/NA	Solid	8260B/CA_LUFT MS	229610
720-81635-17	SB-03-SO-2.0	Total/NA	Solid	8260B/CA_LUFT MS	229610
MB 720-229591/5	Method Blank	Total/NA	Solid	8260B/CA_LUFT MS	
LCS 720-229591/6	Lab Control Sample	Total/NA	Solid	8260B/CA_LUFT MS	
LCS 720-229591/8	Lab Control Sample	Total/NA	Solid	8260B/CA_LUFT MS	
LCSD 720-229591/7	Lab Control Sample Dup	Total/NA	Solid	8260B/CA_LUFT MS	
LCSD 720-229591/9	Lab Control Sample Dup	Total/NA	Solid	8260B/CA_LUFT MS	

### Analysis Batch: 229592

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-81635-1	SB-04-SO-3.0	Total/NA	Solid	8260B/CA_LUFT MS	229610
720-81635-2	SB-05-SO-3.0	Total/NA	Solid	8260B/CA_LUFT MS	229610

TestAmerica Pleasanton

# QC Association Summary

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

## GC/MS VOA (Continued)

### Analysis Batch: 229592 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-81635-4	SB-04-SO-21	Total/NA	Solid	8260B/CA_LUFT MS	229610
720-81635-6	SB-01-SO-17	Total/NA	Solid	8260B/CA_LUFT MS	229610
720-81635-8	SB-06-SO-1.0	Total/NA	Solid	8260B/CA_LUFT MS	229610
720-81635-11	SB-07-SO-5.0	Total/NA	Solid	8260B/CA_LUFT MS	229610
MB 720-229592/4	Method Blank	Total/NA	Solid	8260B/CA_LUFT MS	
LCS 720-229592/5	Lab Control Sample	Total/NA	Solid	8260B/CA_LUFT MS	
LCS 720-229592/7	Lab Control Sample	Total/NA	Solid	8260B/CA_LUFT MS	
LCSD 720-229592/6	Lab Control Sample Dup	Total/NA	Solid	8260B/CA_LUFT MS	
LCSD 720-229592/8	Lab Control Sample Dup	Total/NA	Solid	8260B/CA_LUFT MS	

### Analysis Batch: 229594

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-81635-20	SB-02-GW-15-20	Total/NA	Water	8260B/CA_LUFT MS	
720-81635-21	SB-03-GW-15-20	Total/NA	Water	8260B/CA_LUFT MS	
MB 720-229594/4	Method Blank	Total/NA	Water	8260B/CA_LUFT MS	
LCS 720-229594/5	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
LCS 720-229594/7	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
LCSD 720-229594/6	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT MS	
LCSD 720-229594/8	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT MS	

### Prep Batch: 229610

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-81635-1	SB-04-SO-3.0	Total/NA	Solid	5035	
720-81635-2	SB-05-SO-3.0	Total/NA	Solid	5035	
720-81635-4	SB-04-SO-21	Total/NA	Solid	5035	
720-81635-6	SB-01-SO-17	Total/NA	Solid	5035	
720-81635-8	SB-06-SO-1.0	Total/NA	Solid	5035	
720-81635-11	SB-07-SO-5.0	Total/NA	Solid	5035	
720-81635-15	SB-09-SO-5.0	Total/NA	Solid	5035	
720-81635-17	SB-03-SO-2.0	Total/NA	Solid	5035	

### Analysis Batch: 229650

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-81635-5	SB-01-SO-1.5	Total/NA	Solid	8260B/CA_LUFT MS	229663
720-81635-9	SB-06-SO-5.0	Total/NA	Solid	8260B/CA_LUFT MS	229663
720-81635-10	SB-07-SO-1.0	Total/NA	Solid	8260B/CA_LUFT MS	229663

TestAmerica Pleasanton

# QC Association Summary

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

## GC/MS VOA (Continued)

### Analysis Batch: 229650 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-81635-12	SB-08-SO-1.5	Total/NA	Solid	8260B/CA_LUFT MS	229663
720-81635-13	SB-08-SO-5.0	Total/NA	Solid	8260B/CA_LUFT MS	229663
720-81635-14	SB-09-SO-2.5	Total/NA	Solid	8260B/CA_LUFT MS	229663
720-81635-16	SB-02-SO-1.5	Total/NA	Solid	8260B/CA_LUFT MS	229663
720-81635-19	SB-03-SO-16	Total/NA	Solid	8260B/CA_LUFT MS	229663
MB 720-229650/5	Method Blank	Total/NA	Solid	8260B/CA_LUFT MS	9
LCS 720-229650/6	Lab Control Sample	Total/NA	Solid	8260B/CA_LUFT MS	10
LCS 720-229650/8	Lab Control Sample	Total/NA	Solid	8260B/CA_LUFT MS	11
LCSD 720-229650/7	Lab Control Sample Dup	Total/NA	Solid	8260B/CA_LUFT MS	12
LCSD 720-229650/9	Lab Control Sample Dup	Total/NA	Solid	8260B/CA_LUFT MS	13

### Prep Batch: 229663

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-81635-5	SB-01-SO-1.5	Total/NA	Solid	5035	14
720-81635-9	SB-06-SO-5.0	Total/NA	Solid	5035	
720-81635-10	SB-07-SO-1.0	Total/NA	Solid	5035	
720-81635-12	SB-08-SO-1.5	Total/NA	Solid	5035	
720-81635-13	SB-08-SO-5.0	Total/NA	Solid	5035	
720-81635-14	SB-09-SO-2.5	Total/NA	Solid	5035	
720-81635-16	SB-02-SO-1.5	Total/NA	Solid	5035	
720-81635-19	SB-03-SO-16	Total/NA	Solid	5035	

### Analysis Batch: 229674

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-81635-18	SB-02-SO-15.5	Total/NA	Solid	8260B	229681
MB 720-229674/4	Method Blank	Total/NA	Solid	8260B	
LCS 720-229674/5	Lab Control Sample	Total/NA	Solid	8260B	
LCS 720-229674/7	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 720-229674/6	Lab Control Sample Dup	Total/NA	Solid	8260B	
LCSD 720-229674/8	Lab Control Sample Dup	Total/NA	Solid	8260B	

### Prep Batch: 229681

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-81635-18	SB-02-SO-15.5	Total/NA	Solid	5030B	

## GC/MS Semi VOA

### Prep Batch: 229530

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-81635-1	SB-04-SO-3.0	Total/NA	Solid	3546	
720-81635-2	SB-05-SO-3.0	Total/NA	Solid	3546	
720-81635-3	SB-05-SO-5.0	Total/NA	Solid	3546	
720-81635-5	SB-01-SO-1.5	Total/NA	Solid	3546	

TestAmerica Pleasanton

# QC Association Summary

Client: Haley & Aldrich, Inc.

Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

## GC/MS Semi VOA (Continued)

### Prep Batch: 229530 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-81635-8	SB-06-SO-1.0	Total/NA	Solid	3546	5
720-81635-9	SB-06-SO-5.0	Total/NA	Solid	3546	5
720-81635-10	SB-07-SO-1.0	Total/NA	Solid	3546	5
720-81635-11	SB-07-SO-5.0	Total/NA	Solid	3546	5
720-81635-12	SB-08-SO-1.5	Total/NA	Solid	3546	5
720-81635-13	SB-08-SO-5.0	Total/NA	Solid	3546	5
720-81635-14	SB-09-SO-2.5	Total/NA	Solid	3546	5
720-81635-15	SB-09-SO-5.0	Total/NA	Solid	3546	5
720-81635-16	SB-02-SO-1.5	Total/NA	Solid	3546	5
720-81635-17	SB-03-SO-2.0	Total/NA	Solid	3546	5
MB 720-229530/1-A	Method Blank	Total/NA	Solid	3546	5
LCS 720-229530/2-A	Lab Control Sample	Total/NA	Solid	3546	10
LCSD 720-229530/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	11

### Prep Batch: 229653

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-81635-7	SB-01-GW-15-20	Total/NA	Water	3510C	12
720-81635-20	SB-02-GW-15-20	Total/NA	Water	3510C	13
720-81635-21	SB-03-GW-15-20	Total/NA	Water	3510C	13
MB 720-229653/1-A	Method Blank	Total/NA	Water	3510C	14
LCS 720-229653/2-A	Lab Control Sample	Total/NA	Water	3510C	14
LCSD 720-229653/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	15

### Analysis Batch: 229654

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-81635-1	SB-04-SO-3.0	Total/NA	Solid	8270C	229530
720-81635-2	SB-05-SO-3.0	Total/NA	Solid	8270C	229530
720-81635-3	SB-05-SO-5.0	Total/NA	Solid	8270C	229530
720-81635-5	SB-01-SO-1.5	Total/NA	Solid	8270C	229530
720-81635-7	SB-01-GW-15-20	Total/NA	Water	8270C	229653
720-81635-8	SB-06-SO-1.0	Total/NA	Solid	8270C	229530
720-81635-9	SB-06-SO-5.0	Total/NA	Solid	8270C	229530
720-81635-10	SB-07-SO-1.0	Total/NA	Solid	8270C	229530
720-81635-11	SB-07-SO-5.0	Total/NA	Solid	8270C	229530
720-81635-12	SB-08-SO-1.5	Total/NA	Solid	8270C	229530
720-81635-13	SB-08-SO-5.0	Total/NA	Solid	8270C	229530
720-81635-14	SB-09-SO-2.5	Total/NA	Solid	8270C	229530
720-81635-15	SB-09-SO-5.0	Total/NA	Solid	8270C	229530
720-81635-16	SB-02-SO-1.5	Total/NA	Solid	8270C	229530
720-81635-17	SB-03-SO-2.0	Total/NA	Solid	8270C	229530
720-81635-20	SB-02-GW-15-20	Total/NA	Water	8270C	229653
720-81635-21	SB-03-GW-15-20	Total/NA	Water	8270C	229653
MB 720-229530/1-A	Method Blank	Total/NA	Solid	8270C	229530
MB 720-229653/1-A	Method Blank	Total/NA	Water	8270C	229653
LCS 720-229530/2-A	Lab Control Sample	Total/NA	Solid	8270C	229530
LCS 720-229653/2-A	Lab Control Sample	Total/NA	Water	8270C	229653
LCSD 720-229530/3-A	Lab Control Sample Dup	Total/NA	Solid	8270C	229530
LCSD 720-229653/3-A	Lab Control Sample Dup	Total/NA	Water	8270C	229653

TestAmerica Pleasanton

# QC Association Summary

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

## GC Semi VOA

### Prep Batch: 229482

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-81635-7	SB-01-GW-15-20	Total/NA	Water	3510C	5
720-81635-20	SB-02-GW-15-20	Total/NA	Water	3510C	6
720-81635-21	SB-03-GW-15-20	Total/NA	Water	3510C	7
MB 720-229482/1-A	Method Blank	Total/NA	Water	3510C	8
LCS 720-229482/2-A	Lab Control Sample	Total/NA	Water	3510C	9
LCSD 720-229482/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	10

### Analysis Batch: 229486

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-81635-7	SB-01-GW-15-20	Total/NA	Water	8015B	229482
720-81635-20	SB-02-GW-15-20	Total/NA	Water	8015B	229482
MB 720-229482/1-A	Method Blank	Total/NA	Water	8015B	229482
LCS 720-229482/2-A	Lab Control Sample	Total/NA	Water	8015B	229482
LCSD 720-229482/3-A	Lab Control Sample Dup	Total/NA	Water	8015B	229482

### Analysis Batch: 229487

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-81635-21	SB-03-GW-15-20	Total/NA	Water	8015B	229482

### Prep Batch: 229537

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-81635-1	SB-04-SO-3.0	Total/NA	Solid	3546	12
720-81635-2	SB-05-SO-3.0	Total/NA	Solid	3546	13
720-81635-3	SB-05-SO-5.0	Total/NA	Solid	3546	14
720-81635-5	SB-01-SO-1.5	Total/NA	Solid	3546	15
720-81635-8	SB-06-SO-1.0	Total/NA	Solid	3546	
720-81635-9	SB-06-SO-5.0	Total/NA	Solid	3546	
720-81635-10	SB-07-SO-1.0	Total/NA	Solid	3546	
720-81635-11	SB-07-SO-5.0	Total/NA	Solid	3546	
720-81635-12	SB-08-SO-1.5	Total/NA	Solid	3546	
720-81635-13	SB-08-SO-5.0	Total/NA	Solid	3546	
720-81635-14	SB-09-SO-2.5	Total/NA	Solid	3546	
720-81635-15	SB-09-SO-5.0	Total/NA	Solid	3546	
720-81635-16	SB-02-SO-1.5	Total/NA	Solid	3546	
720-81635-17	SB-03-SO-2.0	Total/NA	Solid	3546	
MB 720-229537/1-A	Method Blank	Total/NA	Solid	3546	
LCS 720-229537/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 720-229537/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	

### Analysis Batch: 229587

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-81635-2	SB-05-SO-3.0	Total/NA	Solid	8015B	229636
720-81635-3	SB-05-SO-5.0	Total/NA	Solid	8015B	229636
720-81635-4	SB-04-SO-21	Total/NA	Solid	8015B	229636
720-81635-5	SB-01-SO-1.5	Total/NA	Solid	8015B	229636
720-81635-6	SB-01-SO-17	Total/NA	Solid	8015B	229636
MB 720-229636/1-A	Method Blank	Total/NA	Solid	8015B	229636
LCS 720-229636/2-A	Lab Control Sample	Total/NA	Solid	8015B	229636

TestAmerica Pleasanton

# QC Association Summary

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

## GC Semi VOA (Continued)

### Analysis Batch: 229589

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-81635-1	SB-04-SO-3.0	Total/NA	Solid	8015B	229636

### Analysis Batch: 229612

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-81635-1	SB-04-SO-3.0	Total/NA	Solid	8082	229537
720-81635-2	SB-05-SO-3.0	Total/NA	Solid	8082	229537
720-81635-3	SB-05-SO-5.0	Total/NA	Solid	8082	229537
720-81635-5	SB-01-SO-1.5	Total/NA	Solid	8082	229537
720-81635-8	SB-06-SO-1.0	Total/NA	Solid	8082	229537
720-81635-9	SB-06-SO-5.0	Total/NA	Solid	8082	229537
720-81635-10	SB-07-SO-1.0	Total/NA	Solid	8082	229537
MB 720-229537/1-A	Method Blank	Total/NA	Solid	8082	229537
LCS 720-229537/2-A	Lab Control Sample	Total/NA	Solid	8082	229537
LCSD 720-229537/3-A	Lab Control Sample Dup	Total/NA	Solid	8082	229537

### Analysis Batch: 229618

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-81635-11	SB-07-SO-5.0	Total/NA	Solid	8082	229537
720-81635-12	SB-08-SO-1.5	Total/NA	Solid	8082	229537
720-81635-13	SB-08-SO-5.0	Total/NA	Solid	8082	229537
720-81635-14	SB-09-SO-2.5	Total/NA	Solid	8082	229537
720-81635-15	SB-09-SO-5.0	Total/NA	Solid	8082	229537
720-81635-16	SB-02-SO-1.5	Total/NA	Solid	8082	229537
720-81635-17	SB-03-SO-2.0	Total/NA	Solid	8082	229537

### Prep Batch: 229636

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-81635-1	SB-04-SO-3.0	Total/NA	Solid	3546	
720-81635-2	SB-05-SO-3.0	Total/NA	Solid	3546	
720-81635-3	SB-05-SO-5.0	Total/NA	Solid	3546	
720-81635-4	SB-04-SO-21	Total/NA	Solid	3546	
720-81635-5	SB-01-SO-1.5	Total/NA	Solid	3546	
720-81635-6	SB-01-SO-17	Total/NA	Solid	3546	
720-81635-8	SB-06-SO-1.0	Total/NA	Solid	3546	
720-81635-9	SB-06-SO-5.0	Total/NA	Solid	3546	
720-81635-10	SB-07-SO-1.0	Total/NA	Solid	3546	
720-81635-11	SB-07-SO-5.0	Total/NA	Solid	3546	
720-81635-12	SB-08-SO-1.5	Total/NA	Solid	3546	
720-81635-13	SB-08-SO-5.0	Total/NA	Solid	3546	
720-81635-14	SB-09-SO-2.5	Total/NA	Solid	3546	
720-81635-15	SB-09-SO-5.0	Total/NA	Solid	3546	
720-81635-16	SB-02-SO-1.5	Total/NA	Solid	3546	
720-81635-17	SB-03-SO-2.0	Total/NA	Solid	3546	
720-81635-18	SB-02-SO-15.5	Total/NA	Solid	3546	
720-81635-19	SB-03-SO-16	Total/NA	Solid	3546	
MB 720-229636/1-A	Method Blank	Total/NA	Solid	3546	
LCS 720-229636/2-A	Lab Control Sample	Total/NA	Solid	3546	

### Analysis Batch: 229668

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-81635-9	SB-06-SO-5.0	Total/NA	Solid	8015B	229636

TestAmerica Pleasanton

# QC Association Summary

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

## GC Semi VOA (Continued)

### Analysis Batch: 229668 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-81635-10	SB-07-SO-1.0	Total/NA	Solid	8015B	229636

### Analysis Batch: 229669

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-81635-12	SB-08-SO-1.5	Total/NA	Solid	8015B	229636
720-81635-14	SB-09-SO-2.5	Total/NA	Solid	8015B	229636
720-81635-16	SB-02-SO-1.5	Total/NA	Solid	8015B	229636

### Analysis Batch: 229670

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-81635-15	SB-09-SO-5.0	Total/NA	Solid	8015B	229636
720-81635-17	SB-03-SO-2.0	Total/NA	Solid	8015B	229636
720-81635-18	SB-02-SO-15.5	Total/NA	Solid	8015B	229636

### Analysis Batch: 229671

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-81635-8	SB-06-SO-1.0	Total/NA	Solid	8015B	229636
720-81635-11	SB-07-SO-5.0	Total/NA	Solid	8015B	229636
720-81635-13	SB-08-SO-5.0	Total/NA	Solid	8015B	229636
720-81635-19	SB-03-SO-16	Total/NA	Solid	8015B	229636

## Metals

### Prep Batch: 229481

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-81635-1	SB-04-SO-3.0	Total/NA	Solid	3050B	
720-81635-2	SB-05-SO-3.0	Total/NA	Solid	3050B	
720-81635-3	SB-05-SO-5.0	Total/NA	Solid	3050B	
720-81635-4	SB-04-SO-21	Total/NA	Solid	3050B	
720-81635-5	SB-01-SO-1.5	Total/NA	Solid	3050B	
720-81635-6	SB-01-SO-17	Total/NA	Solid	3050B	
720-81635-8	SB-06-SO-1.0	Total/NA	Solid	3050B	
720-81635-9	SB-06-SO-5.0	Total/NA	Solid	3050B	
720-81635-10	SB-07-SO-1.0	Total/NA	Solid	3050B	
720-81635-11	SB-07-SO-5.0	Total/NA	Solid	3050B	
720-81635-12	SB-08-SO-1.5	Total/NA	Solid	3050B	
720-81635-13	SB-08-SO-5.0	Total/NA	Solid	3050B	
720-81635-14	SB-09-SO-2.5	Total/NA	Solid	3050B	
720-81635-15	SB-09-SO-5.0	Total/NA	Solid	3050B	
720-81635-16	SB-02-SO-1.5	Total/NA	Solid	3050B	
720-81635-17	SB-03-SO-2.0	Total/NA	Solid	3050B	
720-81635-18	SB-02-SO-15.5	Total/NA	Solid	3050B	
720-81635-19	SB-03-SO-16	Total/NA	Solid	3050B	
MB 720-229481/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 720-229481/2-A	Lab Control Sample	Total/NA	Solid	3050B	

### Analysis Batch: 229527

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-81635-1	SB-04-SO-3.0	Total/NA	Solid	6010B	229481
720-81635-2	SB-05-SO-3.0	Total/NA	Solid	6010B	229481

TestAmerica Pleasanton

# QC Association Summary

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

## Metals (Continued)

### Analysis Batch: 229527 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-81635-3	SB-05-SO-5.0	Total/NA	Solid	6010B	229481
720-81635-4	SB-04-SO-21	Total/NA	Solid	6010B	229481
720-81635-5	SB-01-SO-1.5	Total/NA	Solid	6010B	229481
720-81635-6	SB-01-SO-17	Total/NA	Solid	6010B	229481
720-81635-8	SB-06-SO-1.0	Total/NA	Solid	6010B	229481
720-81635-9	SB-06-SO-5.0	Total/NA	Solid	6010B	229481
720-81635-10	SB-07-SO-1.0	Total/NA	Solid	6010B	229481
720-81635-11	SB-07-SO-5.0	Total/NA	Solid	6010B	229481
720-81635-12	SB-08-SO-1.5	Total/NA	Solid	6010B	229481
720-81635-13	SB-08-SO-5.0	Total/NA	Solid	6010B	229481
720-81635-14	SB-09-SO-2.5	Total/NA	Solid	6010B	229481
720-81635-15	SB-09-SO-5.0	Total/NA	Solid	6010B	229481
720-81635-16	SB-02-SO-1.5	Total/NA	Solid	6010B	229481
720-81635-17	SB-03-SO-2.0	Total/NA	Solid	6010B	229481
720-81635-18	SB-02-SO-15.5	Total/NA	Solid	6010B	229481
720-81635-19	SB-03-SO-16	Total/NA	Solid	6010B	229481
MB 720-229481/1-A	Method Blank	Total/NA	Solid	6010B	229481
LCS 720-229481/2-A	Lab Control Sample	Total/NA	Solid	6010B	229481

### Analysis Batch: 229546

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-81635-8	SB-06-SO-1.0	Total/NA	Solid	6010B	229481
720-81635-11	SB-07-SO-5.0	Total/NA	Solid	6010B	229481
720-81635-17	SB-03-SO-2.0	Total/NA	Solid	6010B	229481

### Prep Batch: 229556

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-81635-1	SB-04-SO-3.0	Total/NA	Solid	7471A	
720-81635-2	SB-05-SO-3.0	Total/NA	Solid	7471A	
720-81635-3	SB-05-SO-5.0	Total/NA	Solid	7471A	
720-81635-4	SB-04-SO-21	Total/NA	Solid	7471A	
720-81635-5	SB-01-SO-1.5	Total/NA	Solid	7471A	
720-81635-6	SB-01-SO-17	Total/NA	Solid	7471A	
720-81635-8	SB-06-SO-1.0	Total/NA	Solid	7471A	
720-81635-9	SB-06-SO-5.0	Total/NA	Solid	7471A	
MB 720-229556/1-A	Method Blank	Total/NA	Solid	7471A	
LCS 720-229556/2-A	Lab Control Sample	Total/NA	Solid	7471A	

### Filtration Batch: 229562

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-81635-7	SB-01-GW-15-20	Dissolved	Water	FILTRATION	
720-81635-20	SB-02-GW-15-20	Dissolved	Water	FILTRATION	
720-81635-21	SB-03-GW-15-20	Dissolved	Water	FILTRATION	
MB 720-229562/1-B	Method Blank	Dissolved	Water	FILTRATION	
MB 720-229562/1-D	Method Blank	Dissolved	Water	FILTRATION	
720-81635-7 MS	SB-01-GW-15-20	Dissolved	Water	FILTRATION	
720-81635-7 MSD	SB-01-GW-15-20	Dissolved	Water	FILTRATION	
720-81635-20 MS	SB-02-GW-15-20	Dissolved	Water	FILTRATION	
720-81635-20 MSD	SB-02-GW-15-20	Dissolved	Water	FILTRATION	

TestAmerica Pleasanton

# QC Association Summary

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

## Metals (Continued)

### Prep Batch: 229563

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-81635-10	SB-07-SO-1.0	Total/NA	Solid	7471A	5
720-81635-11	SB-07-SO-5.0	Total/NA	Solid	7471A	6
720-81635-12	SB-08-SO-1.5	Total/NA	Solid	7471A	7
720-81635-13	SB-08-SO-5.0	Total/NA	Solid	7471A	8
720-81635-14	SB-09-SO-2.5	Total/NA	Solid	7471A	9
720-81635-15	SB-09-SO-5.0	Total/NA	Solid	7471A	10
720-81635-16	SB-02-SO-1.5	Total/NA	Solid	7471A	11
720-81635-17	SB-03-SO-2.0	Total/NA	Solid	7471A	12
720-81635-18	SB-02-SO-15.5	Total/NA	Solid	7471A	13
720-81635-19	SB-03-SO-16	Total/NA	Solid	7471A	14
MB 720-229563/1-A	Method Blank	Total/NA	Solid	7471A	15
LCS 720-229563/2-A	Lab Control Sample	Total/NA	Solid	7471A	

### Prep Batch: 229596

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-81635-7	SB-01-GW-15-20	Dissolved	Water	3005A	229562
720-81635-20	SB-02-GW-15-20	Dissolved	Water	3005A	229562
720-81635-21	SB-03-GW-15-20	Dissolved	Water	3005A	229562
MB 720-229562/1-B	Method Blank	Dissolved	Water	3005A	229562
MB 720-229596/1-A	Method Blank	Total Recoverable	Water	3005A	14
LCS 720-229596/2-A	Lab Control Sample	Total Recoverable	Water	3005A	15
720-81635-7 MS	SB-01-GW-15-20	Dissolved	Water	3005A	229562
720-81635-7 MSD	SB-01-GW-15-20	Dissolved	Water	3005A	229562

### Analysis Batch: 229624

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-81635-1	SB-04-SO-3.0	Total/NA	Solid	7471A	229556
720-81635-2	SB-05-SO-3.0	Total/NA	Solid	7471A	229556
720-81635-3	SB-05-SO-5.0	Total/NA	Solid	7471A	229556
720-81635-4	SB-04-SO-21	Total/NA	Solid	7471A	229556
720-81635-5	SB-01-SO-1.5	Total/NA	Solid	7471A	229556
720-81635-6	SB-01-SO-17	Total/NA	Solid	7471A	229556
720-81635-8	SB-06-SO-1.0	Total/NA	Solid	7471A	229556
720-81635-9	SB-06-SO-5.0	Total/NA	Solid	7471A	229556
MB 720-229556/1-A	Method Blank	Total/NA	Solid	7471A	229556
LCS 720-229556/2-A	Lab Control Sample	Total/NA	Solid	7471A	229556

### Analysis Batch: 229637

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-81635-10	SB-07-SO-1.0	Total/NA	Solid	7471A	229563
720-81635-11	SB-07-SO-5.0	Total/NA	Solid	7471A	229563
720-81635-12	SB-08-SO-1.5	Total/NA	Solid	7471A	229563
720-81635-13	SB-08-SO-5.0	Total/NA	Solid	7471A	229563
720-81635-14	SB-09-SO-2.5	Total/NA	Solid	7471A	229563
720-81635-15	SB-09-SO-5.0	Total/NA	Solid	7471A	229563
720-81635-16	SB-02-SO-1.5	Total/NA	Solid	7471A	229563
720-81635-17	SB-03-SO-2.0	Total/NA	Solid	7471A	229563
720-81635-18	SB-02-SO-15.5	Total/NA	Solid	7471A	229563
720-81635-19	SB-03-SO-16	Total/NA	Solid	7471A	229563
MB 720-229563/1-A	Method Blank	Total/NA	Solid	7471A	229563
LCS 720-229563/2-A	Lab Control Sample	Total/NA	Solid	7471A	229563

TestAmerica Pleasanton

# QC Association Summary

Client: Haley & Aldrich, Inc.

Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

## Prep Batch: 229645

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-81635-7	SB-01-GW-15-20	Dissolved	Water	7470A	229562
720-81635-20	SB-02-GW-15-20	Dissolved	Water	7470A	229562
720-81635-21	SB-03-GW-15-20	Dissolved	Water	7470A	229562
MB 720-229562/1-D	Method Blank	Dissolved	Water	7470A	229562
MB 720-229645/1-A	Method Blank	Total/NA	Water	7470A	
LCS 720-229645/2-A	Lab Control Sample	Total/NA	Water	7470A	
720-81635-20 MS	SB-02-GW-15-20	Dissolved	Water	7470A	229562
720-81635-20 MSD	SB-02-GW-15-20	Dissolved	Water	7470A	229562

## Analysis Batch: 229662

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-81635-7	SB-01-GW-15-20	Dissolved	Water	6010B	229596
720-81635-20	SB-02-GW-15-20	Dissolved	Water	6010B	229596
720-81635-21	SB-03-GW-15-20	Dissolved	Water	6010B	229596
MB 720-229562/1-B	Method Blank	Dissolved	Water	6010B	229596
MB 720-229596/1-A	Method Blank	Total Recoverable	Water	6010B	229596
LCS 720-229596/2-A	Lab Control Sample	Total Recoverable	Water	6010B	229596
720-81635-7 MS	SB-01-GW-15-20	Dissolved	Water	6010B	229596
720-81635-7 MSD	SB-01-GW-15-20	Dissolved	Water	6010B	229596

## Analysis Batch: 229664

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-81635-20	SB-02-GW-15-20	Dissolved	Water	6010B	229596

## Analysis Batch: 229722

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-81635-7	SB-01-GW-15-20	Dissolved	Water	7470A	229645
720-81635-20	SB-02-GW-15-20	Dissolved	Water	7470A	229645
720-81635-21	SB-03-GW-15-20	Dissolved	Water	7470A	229645
MB 720-229562/1-D	Method Blank	Dissolved	Water	7470A	229645
MB 720-229645/1-A	Method Blank	Total/NA	Water	7470A	229645
LCS 720-229645/2-A	Lab Control Sample	Total/NA	Water	7470A	229645
720-81635-20 MS	SB-02-GW-15-20	Dissolved	Water	7470A	229645
720-81635-20 MSD	SB-02-GW-15-20	Dissolved	Water	7470A	229645

# Lab Chronicle

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

**Client Sample ID: SB-04-SO-3.0**

**Date Collected: 08/31/17 12:10**

**Date Received: 09/01/17 17:00**

**Lab Sample ID: 720-81635-1**

**Matrix: Solid**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			229610	09/01/17 22:55	AMC	TAL PLS
Total/NA	Analysis	8260B/CA_LUFTMS		1	229592	09/06/17 12:28	JRM	TAL PLS
Total/NA	Prep	3546			229530	09/05/17 12:00	JLA	TAL PLS
Total/NA	Analysis	8270C		1	229654	09/06/17 22:03	MQL	TAL PLS
Total/NA	Prep	3546			229636	09/06/17 14:54	NDU	TAL PLS
Total/NA	Analysis	8015B		1	229589	09/07/17 04:52	JXL	TAL PLS
Total/NA	Prep	3546			229537	09/05/17 12:59	GAC	TAL PLS
Total/NA	Analysis	8082		1	229612	09/06/17 20:14	DCH	TAL PLS
Total/NA	Prep	3050B			229481	09/02/17 09:04	AAP	TAL PLS
Total/NA	Analysis	6010B		4	229527	09/05/17 09:34	BKR	TAL PLS
Total/NA	Prep	7471A			229556	09/06/17 09:15	JNG	TAL PLS
Total/NA	Analysis	7471A		1	229624	09/06/17 11:53	OBI	TAL PLS

**Client Sample ID: SB-05-SO-3.0**

**Date Collected: 08/31/17 12:55**

**Date Received: 09/01/17 17:00**

**Lab Sample ID: 720-81635-2**

**Matrix: Solid**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			229610	09/01/17 22:55	AMC	TAL PLS
Total/NA	Analysis	8260B/CA_LUFTMS		1	229592	09/06/17 12:56	JRM	TAL PLS
Total/NA	Prep	3546			229530	09/05/17 12:00	JLA	TAL PLS
Total/NA	Analysis	8270C		2	229654	09/06/17 22:25	MQL	TAL PLS
Total/NA	Prep	3546			229636	09/06/17 14:54	NDU	TAL PLS
Total/NA	Analysis	8015B		1	229587	09/07/17 04:30	JXL	TAL PLS
Total/NA	Prep	3546			229537	09/05/17 12:59	GAC	TAL PLS
Total/NA	Analysis	8082		1	229612	09/06/17 20:31	DCH	TAL PLS
Total/NA	Prep	3050B			229481	09/02/17 09:04	AAP	TAL PLS
Total/NA	Analysis	6010B		4	229527	09/05/17 09:38	BKR	TAL PLS
Total/NA	Prep	7471A			229556	09/06/17 09:15	JNG	TAL PLS
Total/NA	Analysis	7471A		1	229624	09/06/17 11:55	OBI	TAL PLS

**Client Sample ID: SB-05-SO-5.0**

**Date Collected: 08/31/17 13:00**

**Date Received: 09/01/17 17:00**

**Lab Sample ID: 720-81635-3**

**Matrix: Solid**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			229533	09/01/17 22:55	JRM	TAL PLS
Total/NA	Analysis	8260B/CA_LUFTMS		1	229505	09/05/17 17:37	A1C	TAL PLS
Total/NA	Prep	3546			229530	09/05/17 12:00	JLA	TAL PLS
Total/NA	Analysis	8270C		1	229654	09/06/17 19:24	MQL	TAL PLS
Total/NA	Prep	3546			229636	09/06/17 14:54	NDU	TAL PLS
Total/NA	Analysis	8015B		1	229587	09/07/17 02:33	JXL	TAL PLS
Total/NA	Prep	3546			229537	09/05/17 12:59	GAC	TAL PLS

TestAmerica Pleasanton

# Lab Chronicle

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

## **Client Sample ID: SB-05-SO-5.0**

**Date Collected:** 08/31/17 13:00  
**Date Received:** 09/01/17 17:00

## **Lab Sample ID: 720-81635-3**

**Matrix:** Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8082		1	229612	09/06/17 20:47	DCH	TAL PLS
Total/NA	Prep	3050B			229481	09/02/17 09:04	AAP	TAL PLS
Total/NA	Analysis	6010B		4	229527	09/05/17 09:42	BKR	TAL PLS
Total/NA	Prep	7471A			229556	09/06/17 09:15	JNG	TAL PLS
Total/NA	Analysis	7471A		1	229624	09/06/17 11:58	OBI	TAL PLS

## **Client Sample ID: SB-04-SO-21**

**Date Collected:** 08/31/17 13:20  
**Date Received:** 09/01/17 17:00

## **Lab Sample ID: 720-81635-4**

**Matrix:** Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			229610	09/01/17 22:55	AMC	TAL PLS
Total/NA	Analysis	8260B/CA_LUFTMS		1	229592	09/06/17 13:25	JRM	TAL PLS
Total/NA	Prep	3546			229636	09/06/17 14:54	NDU	TAL PLS
Total/NA	Analysis	8015B		1	229587	09/07/17 03:31	JXL	TAL PLS
Total/NA	Prep	3050B			229481	09/02/17 09:04	AAP	TAL PLS
Total/NA	Analysis	6010B		4	229527	09/05/17 09:54	BKR	TAL PLS
Total/NA	Prep	7471A			229556	09/06/17 09:15	JNG	TAL PLS
Total/NA	Analysis	7471A		1	229624	09/06/17 12:00	OBI	TAL PLS

## **Client Sample ID: SB-01-SO-1.5**

**Date Collected:** 08/31/17 14:25  
**Date Received:** 09/01/17 17:00

## **Lab Sample ID: 720-81635-5**

**Matrix:** Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			229663	09/01/17 22:55	SLP	TAL PLS
Total/NA	Analysis	8260B/CA_LUFTMS		1	229650	09/06/17 21:26	MJK	TAL PLS
Total/NA	Prep	3546			229530	09/05/17 12:00	JLA	TAL PLS
Total/NA	Analysis	8270C		1	229654	09/06/17 19:47	MQL	TAL PLS
Total/NA	Prep	3546			229636	09/06/17 14:54	NDU	TAL PLS
Total/NA	Analysis	8015B		1	229587	09/07/17 03:02	JXL	TAL PLS
Total/NA	Prep	3546			229537	09/05/17 12:59	GAC	TAL PLS
Total/NA	Analysis	8082		1	229612	09/06/17 21:04	DCH	TAL PLS
Total/NA	Prep	3050B			229481	09/02/17 09:04	AAP	TAL PLS
Total/NA	Analysis	6010B		4	229527	09/05/17 09:59	BKR	TAL PLS
Total/NA	Prep	7471A			229556	09/06/17 09:15	JNG	TAL PLS
Total/NA	Analysis	7471A		1	229624	09/06/17 12:07	OBI	TAL PLS

TestAmerica Pleasanton

# Lab Chronicle

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

## Client Sample ID: SB-01-SO-17

Date Collected: 08/31/17 14:55  
Date Received: 09/01/17 17:00

## Lab Sample ID: 720-81635-6

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			229610	09/01/17 22:55	AMC	TAL PLS
Total/NA	Analysis	8260B/CA_LUFTMS		1	229592	09/06/17 14:22	JRM	TAL PLS
Total/NA	Prep	3546			229636	09/06/17 14:54	NDU	TAL PLS
Total/NA	Analysis	8015B		1	229587	09/07/17 04:01	JXL	TAL PLS
Total/NA	Prep	3050B			229481	09/02/17 09:04	AAP	TAL PLS
Total/NA	Analysis	6010B		4	229527	09/05/17 10:02	BKR	TAL PLS
Total/NA	Prep	7471A			229556	09/06/17 09:15	JNG	TAL PLS
Total/NA	Analysis	7471A		1	229624	09/06/17 12:09	OBI	TAL PLS

## Client Sample ID: SB-01-GW-15-20

Date Collected: 08/31/17 15:00  
Date Received: 09/01/17 17:00

## Lab Sample ID: 720-81635-7

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	229485	09/02/17 21:23	BAJ	TAL PLS
Total/NA	Prep	3510C			229653	09/06/17 17:06	BRR	TAL PLS
Total/NA	Analysis	8270C		1	229654	09/07/17 01:49	MQL	TAL PLS
Total/NA	Prep	3510C			229482	09/01/17 21:48	NDU	TAL PLS
Total/NA	Analysis	8015B		1	229486	09/02/17 16:05	JXL	TAL PLS
Dissolved	Filtration	FILTRATION			229562	09/05/17 15:40	JNG	TAL PLS
Dissolved	Prep	3005A			229596	09/06/17 08:15	JNG	TAL PLS
Dissolved	Analysis	6010B		1	229662	09/06/17 18:27	ASB	TAL PLS
Dissolved	Filtration	FILTRATION			229562	09/05/17 15:40	JNG	TAL PLS
Dissolved	Prep	7470A			229645	09/07/17 08:53	JNG	TAL PLS
Dissolved	Analysis	7470A		1	229722	09/07/17 14:39	OBI	TAL PLS

## Client Sample ID: SB-06-SO-1.0

Date Collected: 08/31/17 15:25  
Date Received: 09/01/17 17:00

## Lab Sample ID: 720-81635-8

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			229610	09/01/17 22:55	AMC	TAL PLS
Total/NA	Analysis	8260B/CA_LUFTMS		1	229592	09/06/17 14:50	JRM	TAL PLS
Total/NA	Prep	3546			229530	09/05/17 12:00	JLA	TAL PLS
Total/NA	Analysis	8270C		1	229654	09/06/17 20:09	MQL	TAL PLS
Total/NA	Prep	3546			229636	09/06/17 14:54	NDU	TAL PLS
Total/NA	Analysis	8015B		1	229671	09/07/17 12:39	JXL	TAL PLS
Total/NA	Prep	3546			229537	09/05/17 12:59	GAC	TAL PLS
Total/NA	Analysis	8082		1	229612	09/06/17 21:21	DCH	TAL PLS
Total/NA	Prep	3050B			229481	09/02/17 09:04	AAP	TAL PLS
Total/NA	Analysis	6010B		4	229527	09/05/17 10:06	BKR	TAL PLS
Total/NA	Prep	3050B			229481	09/02/17 09:04	AAP	TAL PLS
Total/NA	Analysis	6010B		10	229546	09/05/17 13:02	ASB	TAL PLS

TestAmerica Pleasanton

# Lab Chronicle

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

## **Client Sample ID: SB-06-SO-1.0**

**Date Collected:** 08/31/17 15:25  
**Date Received:** 09/01/17 17:00

## **Lab Sample ID: 720-81635-8**

**Matrix:** Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			229556	09/06/17 09:15	JNG	TAL PLS
Total/NA	Analysis	7471A		1	229624	09/06/17 12:12	OBI	TAL PLS

## **Client Sample ID: SB-06-SO-5.0**

**Date Collected:** 08/31/17 15:35  
**Date Received:** 09/01/17 17:00

## **Lab Sample ID: 720-81635-9**

**Matrix:** Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			229663	09/01/17 22:55	SLP	TAL PLS
Total/NA	Analysis	8260B/CA_LUFTMS		1	229650	09/06/17 21:54	MJK	TAL PLS
Total/NA	Prep	3546			229530	09/05/17 12:00	JLA	TAL PLS
Total/NA	Analysis	8270C		2	229654	09/06/17 22:48	MQL	TAL PLS
Total/NA	Prep	3546			229636	09/06/17 14:54	NDU	TAL PLS
Total/NA	Analysis	8015B		3	229668	09/07/17 13:37	JXL	TAL PLS
Total/NA	Prep	3546			229537	09/05/17 12:59	GAC	TAL PLS
Total/NA	Analysis	8082		1	229612	09/06/17 21:38	DCH	TAL PLS
Total/NA	Prep	3050B			229481	09/02/17 09:04	AAP	TAL PLS
Total/NA	Analysis	6010B		4	229527	09/05/17 10:10	BKR	TAL PLS
Total/NA	Prep	7471A			229556	09/06/17 09:15	JNG	TAL PLS
Total/NA	Analysis	7471A		1	229624	09/06/17 12:14	OBI	TAL PLS

## **Client Sample ID: SB-07-SO-1.0**

**Date Collected:** 08/31/17 15:45  
**Date Received:** 09/01/17 17:00

## **Lab Sample ID: 720-81635-10**

**Matrix:** Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			229663	09/01/17 22:55	SLP	TAL PLS
Total/NA	Analysis	8260B/CA_LUFTMS		1	229650	09/06/17 22:21	MJK	TAL PLS
Total/NA	Prep	3546			229530	09/05/17 12:00	JLA	TAL PLS
Total/NA	Analysis	8270C		5	229654	09/06/17 23:10	MQL	TAL PLS
Total/NA	Prep	3546			229636	09/06/17 14:54	NDU	TAL PLS
Total/NA	Analysis	8015B		1	229668	09/07/17 13:07	JXL	TAL PLS
Total/NA	Prep	3546			229537	09/05/17 12:59	GAC	TAL PLS
Total/NA	Analysis	8082		1	229612	09/06/17 21:54	DCH	TAL PLS
Total/NA	Prep	3050B			229481	09/02/17 09:04	AAP	TAL PLS
Total/NA	Analysis	6010B		4	229527	09/05/17 10:14	BKR	TAL PLS
Total/NA	Prep	7471A			229563	09/06/17 10:03	JNG	TAL PLS
Total/NA	Analysis	7471A		1	229637	09/06/17 13:28	OBI	TAL PLS

TestAmerica Pleasanton

# Lab Chronicle

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

**Client Sample ID: SB-07-SO-5.0**

Date Collected: 08/31/17 15:55

Date Received: 09/01/17 17:00

**Lab Sample ID: 720-81635-11**

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			229610	09/01/17 22:55	AMC	TAL PLS
Total/NA	Analysis	8260B/CA_LUFTMS		1	229592	09/06/17 16:16	JRM	TAL PLS
Total/NA	Prep	3546			229530	09/05/17 12:00	JLA	TAL PLS
Total/NA	Analysis	8270C		1	229654	09/06/17 20:32	MQL	TAL PLS
Total/NA	Prep	3546			229636	09/06/17 14:54	NDU	TAL PLS
Total/NA	Analysis	8015B		1	229671	09/07/17 13:03	JXL	TAL PLS
Total/NA	Prep	3546			229537	09/05/17 12:59	GAC	TAL PLS
Total/NA	Analysis	8082		1	229618	09/06/17 19:24	DCH	TAL PLS
Total/NA	Prep	3050B			229481	09/02/17 09:04	AAP	TAL PLS
Total/NA	Analysis	6010B		4	229527	09/05/17 10:18	BKR	TAL PLS
Total/NA	Prep	3050B			229481	09/02/17 09:04	AAP	TAL PLS
Total/NA	Analysis	6010B		10	229546	09/05/17 13:08	ASB	TAL PLS
Total/NA	Prep	7471A			229563	09/06/17 10:03	JNG	TAL PLS
Total/NA	Analysis	7471A		1	229637	09/06/17 13:31	OBI	TAL PLS

**Client Sample ID: SB-08-SO-1.5**

Date Collected: 08/31/17 16:10

Date Received: 09/01/17 17:00

**Lab Sample ID: 720-81635-12**

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			229663	09/01/17 22:55	SLP	TAL PLS
Total/NA	Analysis	8260B/CA_LUFTMS		1	229650	09/06/17 22:49	MJK	TAL PLS
Total/NA	Prep	3546			229530	09/05/17 12:00	JLA	TAL PLS
Total/NA	Analysis	8270C		2	229654	09/06/17 23:33	MQL	TAL PLS
Total/NA	Prep	3546			229636	09/06/17 14:54	NDU	TAL PLS
Total/NA	Analysis	8015B		1	229669	09/07/17 13:07	JXL	TAL PLS
Total/NA	Prep	3546			229537	09/05/17 12:59	GAC	TAL PLS
Total/NA	Analysis	8082		1	229618	09/06/17 19:41	DCH	TAL PLS
Total/NA	Prep	3050B			229481	09/02/17 09:04	AAP	TAL PLS
Total/NA	Analysis	6010B		4	229527	09/05/17 10:22	BKR	TAL PLS
Total/NA	Prep	7471A			229563	09/06/17 10:03	JNG	TAL PLS
Total/NA	Analysis	7471A		1	229637	09/06/17 13:33	OBI	TAL PLS

**Client Sample ID: SB-08-SO-5.0**

Date Collected: 08/31/17 16:15

Date Received: 09/01/17 17:00

**Lab Sample ID: 720-81635-13**

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			229663	09/01/17 22:55	SLP	TAL PLS
Total/NA	Analysis	8260B/CA_LUFTMS		1	229650	09/06/17 23:16	MJK	TAL PLS
Total/NA	Prep	3546			229530	09/05/17 12:00	JLA	TAL PLS
Total/NA	Analysis	8270C		1	229654	09/06/17 20:55	MQL	TAL PLS
Total/NA	Prep	3546			229636	09/06/17 14:54	NDU	TAL PLS

TestAmerica Pleasanton

# Lab Chronicle

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

**Client Sample ID: SB-08-SO-5.0**

Date Collected: 08/31/17 16:15  
Date Received: 09/01/17 17:00

**Lab Sample ID: 720-81635-13**

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015B		1	229671	09/07/17 13:28	JXL	TAL PLS
Total/NA	Prep	3546			229537	09/05/17 12:59	GAC	TAL PLS
Total/NA	Analysis	8082		1	229618	09/06/17 19:57	DCH	TAL PLS
Total/NA	Prep	3050B			229481	09/02/17 09:04	AAP	TAL PLS
Total/NA	Analysis	6010B		4	229527	09/05/17 10:26	BKR	TAL PLS
Total/NA	Prep	7471A			229563	09/06/17 10:03	JNG	TAL PLS
Total/NA	Analysis	7471A		1	229637	09/06/17 13:35	OBI	TAL PLS

**Client Sample ID: SB-09-SO-2.5**

Date Collected: 08/31/17 16:25  
Date Received: 09/01/17 17:00

**Lab Sample ID: 720-81635-14**

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			229663	09/01/17 22:55	SLP	TAL PLS
Total/NA	Analysis	8260B/CA_LUFTMS		1	229650	09/06/17 23:44	MJK	TAL PLS
Total/NA	Prep	3546			229530	09/05/17 12:00	JLA	TAL PLS
Total/NA	Analysis	8270C		2	229654	09/06/17 23:56	MQL	TAL PLS
Total/NA	Prep	3546			229636	09/06/17 14:54	NDU	TAL PLS
Total/NA	Analysis	8015B		1	229669	09/07/17 13:37	JXL	TAL PLS
Total/NA	Prep	3546			229537	09/05/17 12:59	GAC	TAL PLS
Total/NA	Analysis	8082		1	229618	09/06/17 20:14	DCH	TAL PLS
Total/NA	Prep	3050B			229481	09/02/17 09:04	AAP	TAL PLS
Total/NA	Analysis	6010B		4	229527	09/05/17 10:30	BKR	TAL PLS
Total/NA	Prep	7471A			229563	09/06/17 10:03	JNG	TAL PLS
Total/NA	Analysis	7471A		10	229637	09/06/17 14:21	OBI	TAL PLS

**Client Sample ID: SB-09-SO-5.0**

Date Collected: 08/31/17 16:30  
Date Received: 09/01/17 17:00

**Lab Sample ID: 720-81635-15**

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			229610	09/01/17 22:55	AMC	TAL PLS
Total/NA	Analysis	8260B/CA_LUFTMS		1	229591	09/06/17 13:41	JRM	TAL PLS
Total/NA	Prep	3546			229530	09/05/17 12:00	JLA	TAL PLS
Total/NA	Analysis	8270C		1	229654	09/06/17 21:17	MQL	TAL PLS
Total/NA	Prep	3546			229636	09/06/17 14:54	NDU	TAL PLS
Total/NA	Analysis	8015B		1	229670	09/07/17 12:39	JXL	TAL PLS
Total/NA	Prep	3546			229537	09/05/17 12:59	GAC	TAL PLS
Total/NA	Analysis	8082		1	229618	09/06/17 20:31	DCH	TAL PLS
Total/NA	Prep	3050B			229481	09/02/17 09:04	AAP	TAL PLS
Total/NA	Analysis	6010B		4	229527	09/05/17 10:42	BKR	TAL PLS
Total/NA	Prep	7471A			229563	09/06/17 10:03	JNG	TAL PLS
Total/NA	Analysis	7471A		1	229637	09/06/17 13:44	OBI	TAL PLS

TestAmerica Pleasanton

# Lab Chronicle

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

**Client Sample ID: SB-02-SO-1.5**

Date Collected: 09/01/17 07:20

Date Received: 09/01/17 17:00

**Lab Sample ID: 720-81635-16**

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			229663	09/01/17 22:55	SLP	TAL PLS
Total/NA	Analysis	8260B/CA_LUFTMS		1	229650	09/07/17 00:12	MJK	TAL PLS
Total/NA	Prep	3546			229530	09/05/17 12:00	JLA	TAL PLS
Total/NA	Analysis	8270C		2	229654	09/07/17 00:18	MQL	TAL PLS
Total/NA	Prep	3546			229636	09/06/17 14:54	NDU	TAL PLS
Total/NA	Analysis	8015B		1	229669	09/07/17 12:38	JXL	TAL PLS
Total/NA	Prep	3546			229537	09/05/17 12:59	GAC	TAL PLS
Total/NA	Analysis	8082		1	229618	09/06/17 20:47	DCH	TAL PLS
Total/NA	Prep	3050B			229481	09/02/17 09:04	AAP	TAL PLS
Total/NA	Analysis	6010B		4	229527	09/05/17 10:46	BKR	TAL PLS
Total/NA	Prep	7471A			229563	09/06/17 10:03	JNG	TAL PLS
Total/NA	Analysis	7471A		1	229637	09/06/17 13:47	OBI	TAL PLS

**Client Sample ID: SB-03-SO-2.0**

Date Collected: 09/01/17 08:00

Date Received: 09/01/17 17:00

**Lab Sample ID: 720-81635-17**

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			229610	09/01/17 22:55	AMC	TAL PLS
Total/NA	Analysis	8260B/CA_LUFTMS		1	229591	09/06/17 14:37	JRM	TAL PLS
Total/NA	Prep	3546			229530	09/05/17 12:00	JLA	TAL PLS
Total/NA	Analysis	8270C		1	229654	09/06/17 21:40	MQL	TAL PLS
Total/NA	Prep	3546			229636	09/06/17 14:54	NDU	TAL PLS
Total/NA	Analysis	8015B		1	229670	09/07/17 13:03	JXL	TAL PLS
Total/NA	Prep	3546			229537	09/05/17 12:59	GAC	TAL PLS
Total/NA	Analysis	8082		1	229618	09/06/17 21:04	DCH	TAL PLS
Total/NA	Prep	3050B			229481	09/02/17 09:04	AAP	TAL PLS
Total/NA	Analysis	6010B		4	229527	09/05/17 10:50	BKR	TAL PLS
Total/NA	Prep	3050B			229481	09/02/17 09:04	AAP	TAL PLS
Total/NA	Analysis	6010B		10	229546	09/05/17 13:13	ASB	TAL PLS
Total/NA	Prep	7471A			229563	09/06/17 10:03	JNG	TAL PLS
Total/NA	Analysis	7471A		1	229637	09/06/17 13:49	OBI	TAL PLS

**Client Sample ID: SB-02-SO-15.5**

Date Collected: 09/01/17 07:50

Date Received: 09/01/17 17:00

**Lab Sample ID: 720-81635-18**

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			229681	09/07/17 09:37	AMC	TAL PLS
Total/NA	Analysis	8260B		1	229674	09/07/17 12:22	MJK	TAL PLS
Total/NA	Prep	3546			229636	09/06/17 14:54	NDU	TAL PLS
Total/NA	Analysis	8015B		1	229670	09/07/17 13:28	JXL	TAL PLS
Total/NA	Prep	3050B			229481	09/02/17 09:04	AAP	TAL PLS

TestAmerica Pleasanton

# Lab Chronicle

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

## **Client Sample ID: SB-02-SO-15.5**

**Date Collected:** 09/01/17 07:50  
**Date Received:** 09/01/17 17:00

## **Lab Sample ID: 720-81635-18**

**Matrix:** Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	6010B		4	229527	09/05/17 10:54	BKR	TAL PLS
Total/NA	Prep	7471A			229563	09/06/17 10:03	JNG	TAL PLS
Total/NA	Analysis	7471A		1	229637	09/06/17 13:51	OBI	TAL PLS

## **Client Sample ID: SB-03-SO-16**

**Date Collected:** 09/01/17 08:20  
**Date Received:** 09/01/17 17:00

## **Lab Sample ID: 720-81635-19**

**Matrix:** Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			229663	09/01/17 22:55	SLP	TAL PLS
Total/NA	Analysis	8260B/CA_LUFTMS		1	229650	09/07/17 01:07	MJK	TAL PLS
Total/NA	Prep	3546			229636	09/06/17 14:54	NDU	TAL PLS
Total/NA	Analysis	8015B		1	229671	09/07/17 13:52	JXL	TAL PLS
Total/NA	Prep	3050B			229481	09/02/17 09:04	AAP	TAL PLS
Total/NA	Analysis	6010B		4	229527	09/05/17 10:58	BKR	TAL PLS
Total/NA	Prep	7471A			229563	09/06/17 10:03	JNG	TAL PLS
Total/NA	Analysis	7471A		1	229637	09/06/17 13:53	OBI	TAL PLS

## **Client Sample ID: SB-02-GW-15-20**

**Date Collected:** 09/01/17 08:30  
**Date Received:** 09/01/17 17:00

## **Lab Sample ID: 720-81635-20**

**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	229594	09/06/17 15:49	JRM	TAL PLS
Total/NA	Prep	3510C			229653	09/06/17 17:06	BRR	TAL PLS
Total/NA	Analysis	8270C		1	229654	09/07/17 02:11	MQL	TAL PLS
Total/NA	Prep	3510C			229482	09/01/17 21:48	NDU	TAL PLS
Total/NA	Analysis	8015B		1	229486	09/02/17 16:35	JXL	TAL PLS
Dissolved	Filtration	FILTRATION			229562	09/05/17 15:40	JNG	TAL PLS
Dissolved	Prep	3005A			229596	09/06/17 08:15	JNG	TAL PLS
Dissolved	Analysis	6010B		1	229664	09/06/17 19:36	ASB	TAL PLS
Dissolved	Filtration	FILTRATION			229562	09/05/17 15:40	JNG	TAL PLS
Dissolved	Prep	3005A			229596	09/06/17 08:15	JNG	TAL PLS
Dissolved	Analysis	6010B		1	229662	09/06/17 18:32	ASB	TAL PLS
Dissolved	Filtration	FILTRATION			229562	09/05/17 15:40	JNG	TAL PLS
Dissolved	Prep	7470A			229645	09/07/17 08:53	JNG	TAL PLS
Dissolved	Analysis	7470A		1	229722	09/07/17 14:34	OBI	TAL PLS

TestAmerica Pleasanton

# Lab Chronicle

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

**Client Sample ID: SB-03-GW-15-20**

**Date Collected: 09/01/17 09:00**

**Date Received: 09/01/17 17:00**

**Lab Sample ID: 720-81635-21**

**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	229594	09/06/17 16:18	JRM	TAL PLS
Total/NA	Prep	3510C			229653	09/06/17 17:06	BRR	TAL PLS
Total/NA	Analysis	8270C		1	229654	09/07/17 02:34	MQL	TAL PLS
Total/NA	Prep	3510C			229482	09/01/17 21:48	NDU	TAL PLS
Total/NA	Analysis	8015B		1	229487	09/02/17 14:05	JXL	TAL PLS
Dissolved	Filtration	FILTRATION			229562	09/05/17 15:40	JNG	TAL PLS
Dissolved	Prep	3005A			229596	09/06/17 08:15	JNG	TAL PLS
Dissolved	Analysis	6010B		1	229662	09/06/17 18:37	ASB	TAL PLS
Dissolved	Filtration	FILTRATION			229562	09/05/17 15:40	JNG	TAL PLS
Dissolved	Prep	7470A			229645	09/07/17 08:53	JNG	TAL PLS
Dissolved	Analysis	7470A		1	229722	09/07/17 14:37	OBI	TAL PLS

**Laboratory References:**

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

# Accreditation/Certification Summary

Client: Haley & Aldrich, Inc.

Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

## Laboratory: TestAmerica Pleasanton

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

Authority	Program	EPA Region	Identification Number	Expiration Date
California	State Program	9	2496	01-31-18
Analysis Method	Prep Method	Matrix	Analyte	

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TestAmerica Pleasanton

# Method Summary

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

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 Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	SW846	TAL PLS
8270C	Semivolatile Organic Compounds (GC/MS)	SW846	TAL PLS
8015B	Diesel Range Organics (DRO) (GC)	SW846	TAL PLS
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL PLS
6010B	Metals (ICP)	SW846	TAL PLS
7470A	Mercury (CVAA)	SW846	TAL PLS
7471A	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: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	
720-81635-1	SB-04-SO-3.0	Solid	08/31/17 12:10	09/01/17 17:00	1
720-81635-2	SB-05-SO-3.0	Solid	08/31/17 12:55	09/01/17 17:00	2
720-81635-3	SB-05-SO-5.0	Solid	08/31/17 13:00	09/01/17 17:00	3
720-81635-4	SB-04-SO-21	Solid	08/31/17 13:20	09/01/17 17:00	4
720-81635-5	SB-01-SO-1.5	Solid	08/31/17 14:25	09/01/17 17:00	5
720-81635-6	SB-01-SO-17	Solid	08/31/17 14:55	09/01/17 17:00	6
720-81635-7	SB-01-GW-15-20	Water	08/31/17 15:00	09/01/17 17:00	7
720-81635-8	SB-06-SO-1.0	Solid	08/31/17 15:25	09/01/17 17:00	8
720-81635-9	SB-06-SO-5.0	Solid	08/31/17 15:35	09/01/17 17:00	9
720-81635-10	SB-07-SO-1.0	Solid	08/31/17 15:45	09/01/17 17:00	10
720-81635-11	SB-07-SO-5.0	Solid	08/31/17 15:55	09/01/17 17:00	11
720-81635-12	SB-08-SO-1.5	Solid	08/31/17 16:10	09/01/17 17:00	12
720-81635-13	SB-08-SO-5.0	Solid	08/31/17 16:15	09/01/17 17:00	13
720-81635-14	SB-09-SO-2.5	Solid	08/31/17 16:25	09/01/17 17:00	14
720-81635-15	SB-09-SO-5.0	Solid	08/31/17 16:30	09/01/17 17:00	15
720-81635-16	SB-02-SO-1.5	Solid	09/01/17 07:20	09/01/17 17:00	
720-81635-17	SB-03-SO-2.0	Solid	09/01/17 08:00	09/01/17 17:00	
720-81635-18	SB-02-SO-15.5	Solid	09/01/17 07:50	09/01/17 17:00	
720-81635-19	SB-03-SO-16	Solid	09/01/17 08:20	09/01/17 17:00	
720-81635-20	SB-02-GW-15-20	Water	09/01/17 08:30	09/01/17 17:00	
720-81635-21	SB-03-GW-15-20	Water	09/01/17 09:00	09/01/17 17:00	

TestAmerica Pleasanton

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## TestAmerica Pleasanton

1220 Quarry Lane

Pleasanton, CA 94566-4756  
phone 925.484.1919 fax 925.600.3002

TestAmerica's services under this CoC shall be performed in accordance with the TAC's within Blanket Service Agreement #2015-18-TestAmerica by and between Haley & Aldrich, Inc. its Subsidiaries, Inc. affiliates, and TestAmerica Laboratories, Inc.

## Chain of Custody Record for Haley & Aldrich, Inc. Blanket Service Agreement #2015-18-TestAmerica

178072  
TestAmerica  
Rev. 1

9/8/2017  
Form No. CA-C-WI-045, Rev. 1.2, dated 1/8/2016

**Regulatory Program:**  DW  NPDES  RCRA  Other:

TestAmerica Laboratories, Inc.  
9/8/2017

<b>Client Contact</b>	H&A Project Manager: Jason Grant	<b>Lab Contact:</b> Edison Ticken	<b>Date:</b> 8/31/17	<b>COC No:</b> 1 of 2 COCs
Edison Ticken	Tel/Fax: 925-949-4412			
2033 N. Main St. Suite 309	Analysis Turnaround Time			
Walnut Creek, CA 94596	<input type="checkbox"/> CALENDAR DAYS <input checked="" type="checkbox"/> WORKING DAYS			
925-239-9905	TAT if different from Below			
	<input type="checkbox"/> 2 weeks			
	<input type="checkbox"/> 1 week			
	<input type="checkbox"/> 2 days			
	<input type="checkbox"/> 1 day			

<b>Sample Identification</b>	<b>Sample Date</b>	<b>Sample Time</b>	<b>Sample Type (e.g. Comp. G=Grab)</b>	<b>Matrix</b>	<b># of Cont.</b>	<b>Filtered Sample (Y/N)</b>	<b>Perform MS / MSD (Y/N)</b>	<b>Sample Specific Notes:</b>
SB - 04 - SO - 3.0	8/31/17	1210	G	SD	4	X X X X	X X X X	
SB - 05 - SO - 3.0		1255		SO	4	X X X X	X X X X	
SB - 05 - SO - 5.0		1300		SO	4	X X X X	X X X X	
SB - 01 - SO - 2.0		1320		SO	4	X X X X	X X X X	
SB - 01 - SO - 1.5		1425		SO	4	X X X X	X X X X	
SB - 01 - SO - 1.7		1455		SO	4	X X X X	X X X X	
SB - 01 - GW - 15 - 20		1500		GW	8	N	X X X X	
SB - 06 - SO - 1.0		1525		SO	4	X X X X	X X X X	
SB - 06 - SO - 5.0		1535		SO	4	X X X X	X X X X	
SB - 07 - SO - 2.0		1545		SO	4	X X X X	X X X X	
SB - 07 - SO - 5.0		1555		SO	4	X X X X	X X X X	
SB - 08 - SO - 1.5		1610		SO	4	X X X X	X X X X	

<b>Sample Disposal</b>	<b>Return to Client</b>	<b>Disposed by Lab</b>	<b>Archive for</b>	<b>Months</b>

<b>Possibility Hazard Identification:</b> 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.	<input type="checkbox"/> Non-Hazardous	<input type="checkbox"/> Flammable	<input type="checkbox"/> Skin Irritant	<input type="checkbox"/> Poison B	<input type="checkbox"/> Unknown
<b>Special Instructions/QC Requirements &amp; Comments:</b> GW metals - lab filter					
<b>Sample Seal</b>					

<b>Custody Seal Intact:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No	<b>Custody Seal No.</b>	<b>Cooler Temp (°C):</b> Open: _____ Corrd: _____	<b>Therm ID No.:</b> _____
<b>Relinquished by:</b> <i>J. A. Tichenor</i>	<b>Company:</b> H+A	<b>Date/Time:</b> 9/17/17 1420	<b>Received by:</b> <i>J. A. Tichenor</i>
<b>Relinquished by:</b> <i>J. A. Tichenor</i>	<b>Company:</b> H+A	<b>Date/Time:</b> 9/17/17 1420	<b>Received by:</b> <i>J. A. Tichenor</i>
<b>Relinquished by:</b> <i>J. A. Tichenor</i>	<b>Company:</b> H+A	<b>Date/Time:</b> 9/17/17 1420	<b>Received by:</b> <i>J. A. Tichenor</i>

1.5°C

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

## TestAmerica Pleasanton

1220 Quarry Lane

Pleasanton, CA 94566-4756  
phone 925.484.1919 fax 925.600.3002

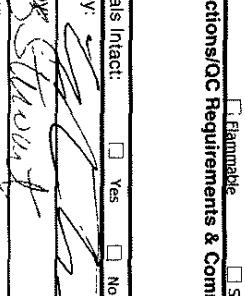
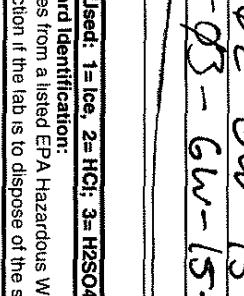
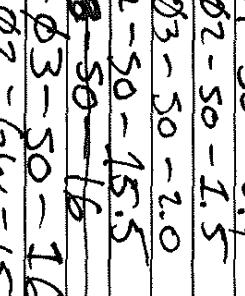
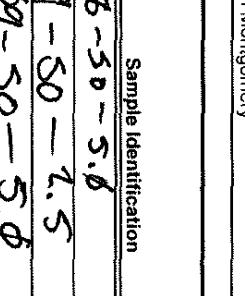
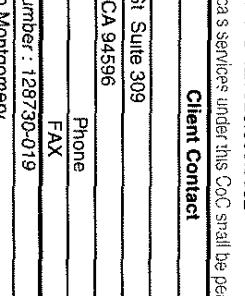
TestAmerica's services under this CoC shall be performed in accordance with the ToCs within Blanket Services Agreement# 2015-18-TestAmerica

178078 TestAmerica

### Haley & Aldrich, Inc. Blanket Service Agreement #2015-18-TestAmerica

TestAmerica Laboratories, Inc.

9/8/2017 (Rev. 1)

Chain of Custody Record for									
720-81635									
TestAmerica									
<b>Regulatory Program:</b> <input type="checkbox"/> DW <input type="checkbox"/> NODS <input type="checkbox"/> RQA <input type="checkbox"/> Other: TestAmerica's Site Contact: <b>Edison Tischen</b> Client Contact: <b>Edison Tischen</b> H&A Project Manager: <b>Jason Grant</b> Tel/Fax: 925-949-4412 Analysis Turnaround Time: <b>3 days</b> TAT if different from Below: <b>3 days</b> <input type="checkbox"/> CALENDER DAYS <input type="checkbox"/> WORKING DAYS 2 weeks 1 week 2 days 1 day									
H&A Site Contact: <b>Edison Tischen</b> Date: <b>COC No 1</b> Lab Contact: <b>Micah Smith</b> Carrier: <b>2 of 2 COCs</b> Sampler: For Lab Use Only: Walk-in Client: Lab Sampling: Job / SDG No: Sample Specific Notes:									
Filtered Sample (Y/N) Perform MS / MSD (Y/N) VOC & GRO 8260B TPH-DRO TPH-MO SVOCs full list 8270C Title 22 Metals 6010B/7471A PCBs									
<b>Sample Identification</b> Sample Date Sample Time Sample Type (C=Comp, G=Grab) Matrix # of Cont.									
SB-08-50-5.0 8/3/17 015 G So 4 X X X X X X SB-09-50-2.5 8/3/17 625 G So 4 X X X X X X SB-09-50-5.0 8/3/17 620 G So 4 X X X X X X SB-02-50-1.5 9/1/17 0720 G So 4 X X X X X X SB-03-50-2.0 9/1/17 3800 G So 4 X X X X X X SB-01-50-15.5 9/1/17 0730 G So 4 X X X X X X SB-03-50-16 9/1/17 0820 G So 4 X X X X X X SB-02-6W-15-20 9/1/17 0830 Gw 8 M X X X X X X SB-03-6W-15-20 9/1/17 0900 Gw 8 M X X X X X X									
<b>Preservation Used:</b> 1=Ice, 2=HCl; 3=H <sub>2</sub> SO <sub>4</sub> ; 4=HNO <sub>3</sub> ; 5=NaOH; 6=Other									
<b>Possible Hazard Identification:</b> 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. <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Person B <input type="checkbox"/> Unknown									
<b>Special Instructions/QC Requirements &amp; Comments:</b> GW metals - lab filter									
<b>Sample Disposal</b> <input type="checkbox"/> Return to Client <input type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for Months									
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No Relinquished by:  Received by:  Company: <b>H+A</b> Date/Time: <b>9/17/17 1420</b> Received by:  Company: <b>H+A</b> Date/Time: <b>9/17/17 1700</b> Received by:  Company: <b>H+A</b> Date/Time: <b>9/17/17 1700</b> Received in Laboratory by:  Company: <b>H+A</b> Date/Time: <b>9/17/17 1700</b>									
Cooler Temp. (°C): Obs'd: _____ Cont'd: _____ Thermo ID No.: _____ Company: <b>H+A</b> Date/Time: <b>9/17/17 1420</b> Company: <b>H+A</b> Date/Time: <b>9/17/17 1700</b> Company: <b>H+A</b> Date/Time: <b>9/17/17 1700</b>									
Page 178 of 182									

**Smith, Micah**

---

**From:** Ticken, Edison <ETicken@haleyaldrich.com>  
**Sent:** Tuesday, September 05, 2017 3:44 PM  
**To:** Salimpour, Afsaneh  
**Cc:** Grant, Jason; Smith, Micah  
**Subject:** RE: TestAmerica Sample Login Confirmation files from 720-81635 345 North Montgomery

**-External Email-**

---

Hi Afsaneh,

I received your voicemail regarding the metals analysis. Can you use volume from the unpreserved ambers for metals analysis?

Thanks,

Edison

**Edison Ticken, P.E.**  
Assistant Project Manager

**Haley & Aldrich, Inc.**  
2033 North Main Street | Suite 309  
Walnut Creek, California 94596

T: (925) 949-1022  
C: (925) 239-9905

[www.haleyaldrich.com](http://www.haleyaldrich.com)

---

**From:** Ticken, Edison  
**Sent:** Tuesday, September 05, 2017 12:09 PM  
**To:** 'Smith, Micah' <[Micah.Smith@testamericainc.com](mailto:Micah.Smith@testamericainc.com)>; Grant, Jason <[JGrant@haleyaldrich.com](mailto:JGrant@haleyaldrich.com)>  
**Cc:** March, Heather <[HMarch@haleyaldrich.com](mailto:HMarch@haleyaldrich.com)>  
**Subject:** RE: TestAmerica Sample Login Confirmation files from 720-81635 345 North Montgomery

Thanks for the info Micah.

Please also add Heather ([HMarch@haleyaldrich.com](mailto:HMarch@haleyaldrich.com)) to the distribution for this project.

Edison

**Edison Ticken, P.E.**  
Assistant Project Manager

**Haley & Aldrich, Inc.**  
2033 North Main Street | Suite 309  
Walnut Creek, California 94596

T: (925) 949-1022  
C: (925) 239-9905

[www.haleyaldrich.com](http://www.haleyaldrich.com)

**From:** Smith, Micah [<mailto:Micah.Smith@testamericainc.com>]

**Sent:** Tuesday, September 05, 2017 10:50 AM

**To:** Ticken, Edison <[ETicken@haleyaldrich.com](mailto:ETicken@haleyaldrich.com)>; Grant, Jason <[JGrant@haleyaldrich.com](mailto:JGrant@haleyaldrich.com)>

**Subject:** RE: TestAmerica Sample Login Confirmation files from 720-81635 345 North Montgomery

Jason and Edison,

I forgot to mention a few items with the log in summary but we were able to figure them out.

The Terra Cores and the 8oz jar for sample (#6) SB-01-SO-17 did not have sample ID's, all vials and 8oz jars were received in the same Ziploc.

The Terra cores vials for sample SB-06-SO-5.0 did not have sample ID's, the 8oz jar does have a sample ID. The Terra core vials were received in a Ziploc bag with the 8 oz. jar and melting ice which causes the pre-tared weight labels to slide around on the vials.

Thanks

**MICAH SMITH**

Project Manager

**TestAmerica**

THE LEADER IN ENVIRONMENTAL TESTING

1220 Quarry lane  
Pleasanton, CA 94566  
Phone: 925.484.1919 x137

880 Riverside Parkway  
West Sacramento, CA 95605  
Tel 916 374-4302 Direct  
916 373-5600 Main | Fax 916 379-1059

[www.testamericainc.com](http://www.testamericainc.com)

**Please let us know if we met your expectations by rating the service you received from TestAmerica on this project by visiting our website at: [Project Feedback](#)**

**From:** Smith, Micah

**Sent:** Tuesday, September 05, 2017 10:46 AM

**To:** Edison Ticken; Jason Grant

**Subject:** TestAmerica Sample Login Confirmation files from 720-81635 345 North Montgomery

Hello,

Attached, please find the Sample Confirmation files for job 720-81635; 345 North Montgomery

Please feel free to contact me if you have any questions.

Thank you.

**Please let us know if we met your expectations by rating the service you received from TestAmerica on this project by visiting our website at: [Project Feedback](#)**

**MICAH SMITH**  
Project Manager

**TestAmerica Pleasanton**  
THE LEADER IN ENVIRONMENTAL TESTING

Tel: 916.374.4302  
[www.testamericaninc.com](http://www.testamericaninc.com)

Reference: [255722]  
Attachments: 3

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## Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 720-81635-1

**Login Number:** 81635

**List Source:** TestAmerica Pleasanton

**List Number:** 1

**Creator:** Mullen, Joan

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 (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	False	
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	

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# 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: 720-81635-2

Client Project/Site: 345 North Montgomery

For:

Haley & Aldrich, Inc.

2033 North Main Street

Suite 309

Walnut Creek, California 94596

Attn: Jason Grant



Authorized for release by:

9/12/2017 5:08:51 PM

Micah Smith, Project Manager II

(916)374-4302

[micah.smith@testamericainc.com](mailto:micah.smith@testamericainc.com)

### LINKS

Review your project  
results through

**TotalAccess**

Have a Question?

Ask  
The  
Expert

Visit us at:

[www.testamericainc.com](http://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.

# Table of Contents

Cover Page . . . . .	1
Table of Contents . . . . .	2
Definitions/Glossary . . . . .	3
Case Narrative . . . . .	4
Detection Summary . . . . .	5
Client Sample Results . . . . .	6
QC Sample Results . . . . .	11
QC Association Summary . . . . .	13
Lab Chronicle . . . . .	15
Certification Summary . . . . .	17
Method Summary . . . . .	18
Sample Summary . . . . .	19
Chain of Custody . . . . .	20
Receipt Checklists . . . . .	24

## Definitions/Glossary

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-2

### Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.	1
%	Listed under the "D" column to designate that the result is reported on a dry weight basis	2
%R	Percent Recovery	3
CFL	Contains Free Liquid	4
CNF	Contains No Free Liquid	5
DER	Duplicate Error Ratio (normalized absolute difference)	6
Dil Fac	Dilution Factor	7
DL	Detection Limit (DoD/DOE)	8
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample	9
DLC	Decision Level Concentration (Radiochemistry)	10
EDL	Estimated Detection Limit (Dioxin)	11
LOD	Limit of Detection (DoD/DOE)	12
LOQ	Limit of Quantitation (DoD/DOE)	13
MDA	Minimum Detectable Activity (Radiochemistry)	14
MDC	Minimum Detectable Concentration (Radiochemistry)	1
MDL	Method Detection Limit	2
ML	Minimum Level (Dioxin)	3
NC	Not Calculated	4
ND	Not Detected at the reporting limit (or MDL or EDL if shown)	5
PQL	Practical Quantitation Limit	6
QC	Quality Control	7
RER	Relative Error Ratio (Radiochemistry)	8
RL	Reporting Limit or Requested Limit (Radiochemistry)	9
RPD	Relative Percent Difference, a measure of the relative difference between two points	10
TEF	Toxicity Equivalent Factor (Dioxin)	11
TEQ	Toxicity Equivalent Quotient (Dioxin)	12

# Case Narrative

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-2

## Job ID: 720-81635-2

Laboratory: TestAmerica Pleasanton

### Narrative

#### Job Narrative 720-81635-2

### Comments

No additional comments.

### Receipt

The samples were received on 9/1/2017 5:00 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 1.5° C and 1.8° C.

### Metals

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

### General Chemistry

Method(s) 1311: Insufficient samples were provided to perform the leaching procedure with the required 100g for the following samples: SB-09-SO-2.5 (720-81635-14) and SB-02-SO-1.5 (720-81635-16). The volume of leaching fluid was adjusted proportionally to maintain a 20:1 ratio of leaching fluid to weight of sample. Reporting limits (RLs) are not affected.

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

# Detection Summary

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-2

## Client Sample ID: SB-04-SO-3.0

## Lab Sample ID: 720-81635-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.44		0.050		mg/L	1		6010B	STLC Citrate

## Client Sample ID: SB-06-SO-5.0

## Lab Sample ID: 720-81635-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.15		0.050		mg/L	1		6010B	TCLP
Lead	9.7		0.050		mg/L	1		6010B	STLC Citrate
Chromium	1.0		0.10		mg/L	1		6010B	STLC Citrate
Copper	7.5		0.20		mg/L	1		6010B	STLC Citrate

## Client Sample ID: SB-07-SO-1.0

## Lab Sample ID: 720-81635-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.085		0.050		mg/L	1		6010B	TCLP
Lead	5.9		0.050		mg/L	1		6010B	STLC Citrate
Chromium	0.42		0.10		mg/L	1		6010B	STLC Citrate

## Client Sample ID: SB-09-SO-2.5

## Lab Sample ID: 720-81635-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.099		0.050		mg/L	1		6010B	TCLP
Lead	15		0.050		mg/L	1		6010B	STLC Citrate

## Client Sample ID: SB-02-SO-1.5

## Lab Sample ID: 720-81635-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.16		0.050		mg/L	1		6010B	TCLP
Lead	0.78		0.050		mg/L	1		6010B	STLC Citrate

This Detection Summary does not include radiochemical test results.

TestAmerica Pleasanton

# Client Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-2

**Client Sample ID: SB-04-SO-3.0**

**Lab Sample ID: 720-81635-1**

Date Collected: 08/31/17 12:10

Matrix: Solid

Date Received: 09/01/17 17:00

**Method: 6010B - Metals (ICP) - STLC Citrate**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.44		0.050		mg/L		09/11/17 09:53	09/11/17 11:47	1

# Client Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-2

**Client Sample ID: SB-06-SO-5.0**

**Lab Sample ID: 720-81635-9**

Matrix: Solid

Date Collected: 08/31/17 15:35

Date Received: 09/01/17 17:00

**Method: 6010B - Metals (ICP) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.15		0.050		mg/L		09/09/17 12:21	09/11/17 20:21	1
Chromium	ND		0.10		mg/L		09/09/17 12:21	09/11/17 20:21	1

**Method: 6010B - Metals (ICP) - STLC Citrate**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	9.7		0.050		mg/L		09/11/17 09:53	09/11/17 11:51	1
Chromium	1.0		0.10		mg/L		09/11/17 09:53	09/11/17 11:51	1
Copper	7.5		0.20		mg/L		09/11/17 09:53	09/11/17 11:51	1

# Client Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-2

**Client Sample ID: SB-07-SO-1.0**

**Lab Sample ID: 720-81635-10**

Matrix: Solid

Date Collected: 08/31/17 15:45

Date Received: 09/01/17 17:00

**Method: 6010B - Metals (ICP) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.085		0.050		mg/L		09/09/17 12:21	09/11/17 20:27	1
Chromium	ND		0.10		mg/L		09/09/17 12:21	09/11/17 20:27	1

**Method: 6010B - Metals (ICP) - STLC Citrate**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	5.9		0.050		mg/L		09/11/17 09:53	09/11/17 11:56	1
Chromium	0.42		0.10		mg/L		09/11/17 09:53	09/11/17 11:56	1

# Client Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-2

**Client Sample ID: SB-09-SO-2.5**

Date Collected: 08/31/17 16:25

Date Received: 09/01/17 17:00

**Lab Sample ID: 720-81635-14**

Matrix: Solid

**Method: 6010B - Metals (ICP) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.099		0.050		mg/L		09/09/17 12:21	09/11/17 20:43	1

**Method: 6010B - Metals (ICP) - STLC Citrate**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	15		0.050		mg/L		09/11/17 09:53	09/11/17 12:08	1

# Client Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-2

**Client Sample ID: SB-02-SO-1.5**

Date Collected: 09/01/17 07:20

Date Received: 09/01/17 17:00

**Lab Sample ID: 720-81635-16**

Matrix: Solid

**Method: 6010B - Metals (ICP) - TCLP**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.16		0.050		mg/L		09/09/17 12:21	09/11/17 20:54	1

**Method: 6010B - Metals (ICP) - STLC Citrate**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.78		0.050		mg/L		09/11/17 09:53	09/11/17 12:12	1

# QC Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-2

## Method: 6010B - Metals (ICP)

**Lab Sample ID: MB 720-229832/1-A**

**Matrix: Solid**

**Analysis Batch: 229908**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

**Prep Batch: 229832**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.0050		mg/L		09/09/17 12:21	09/11/17 15:55	1
Chromium	ND		0.010		mg/L		09/09/17 12:21	09/11/17 15:55	1

**Lab Sample ID: LCS 720-229832/2-A**

**Matrix: Solid**

**Analysis Batch: 229908**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Prep Batch: 229832**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Lead	1.00	0.986		mg/L		99	80 - 120
Chromium	1.00	1.00		mg/L		100	80 - 120

**Lab Sample ID: MB 720-229851/1-A**

**Matrix: Solid**

**Analysis Batch: 229885**

**Client Sample ID: Method Blank**

**Prep Type: Total Recoverable**

**Prep Batch: 229851**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.0050		mg/L		09/11/17 09:53	09/11/17 11:19	1
Chromium	ND		0.010		mg/L		09/11/17 09:53	09/11/17 11:19	1
Copper	ND		0.020		mg/L		09/11/17 09:53	09/11/17 11:19	1

**Lab Sample ID: LCS 720-229851/2-A**

**Matrix: Solid**

**Analysis Batch: 229885**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total Recoverable**

**Prep Batch: 229851**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Lead	1.00	0.978		mg/L		98	80 - 120
Chromium	1.00	0.962		mg/L		96	80 - 120
Copper	1.00	0.954		mg/L		95	80 - 120

**Lab Sample ID: LB 720-229739/17-B**

**Matrix: Solid**

**Analysis Batch: 229919**

**Client Sample ID: Method Blank**

**Prep Type: TCLP**

**Prep Batch: 229832**

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.050		mg/L		09/09/17 12:21	09/11/17 20:48	1
Chromium	ND		0.10		mg/L		09/09/17 12:21	09/11/17 20:48	1

**Lab Sample ID: LB 720-229739/1-B**

**Matrix: Solid**

**Analysis Batch: 229908**

**Client Sample ID: Method Blank**

**Prep Type: TCLP**

**Prep Batch: 229832**

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.050		mg/L		09/09/17 12:21	09/11/17 15:59	1
Chromium	ND		0.10		mg/L		09/09/17 12:21	09/11/17 15:59	1

TestAmerica Pleasanton

# QC Sample Results

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-2

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

**Lab Sample ID: LB4 720-229685/1-C**

**Matrix: Solid**

**Analysis Batch: 229885**

**Client Sample ID: Method Blank**

**Prep Type: STLC Citrate**

**Prep Batch: 229851**

Analyte	LB4		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Lead	ND		0.050		mg/L		09/11/17 09:53	09/11/17 11:23	1
Chromium	ND		0.10		mg/L		09/11/17 09:53	09/11/17 11:23	1
Copper	ND		0.20		mg/L		09/11/17 09:53	09/11/17 11:23	1

**Lab Sample ID: 720-81635-1 MS**

**Matrix: Solid**

**Analysis Batch: 229885**

**Client Sample ID: SB-04-SO-3.0**

**Prep Type: STLC Citrate**

**Prep Batch: 229851**

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.
	Result	Qualifier	Added	Result	Qualifier				
Lead	0.44		10.0	9.62		mg/L		92	75 - 125
Chromium	0.16		10.0	9.89		mg/L		97	75 - 125
Copper	0.58		10.0	10.0		mg/L		95	75 - 125

**Lab Sample ID: 720-81635-1 MSD**

**Matrix: Solid**

**Analysis Batch: 229885**

**Client Sample ID: SB-04-SO-3.0**

**Prep Type: STLC Citrate**

**Prep Batch: 229851**

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD
	Result	Qualifier	Added	Result	Qualifier					
Lead	0.44		10.0	9.71		mg/L		93	75 - 125	1 20
Chromium	0.16		10.0	9.93		mg/L		98	75 - 125	0 20
Copper	0.58		10.0	10.2		mg/L		96	75 - 125	1 20

# QC Association Summary

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-2

## Metals

### Leach Batch: 229685

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-81635-1	SB-04-SO-3.0	STLC Citrate	Solid	CA WET Citrate	
720-81635-9	SB-06-SO-5.0	STLC Citrate	Solid	CA WET Citrate	
720-81635-10	SB-07-SO-1.0	STLC Citrate	Solid	CA WET Citrate	
720-81635-14	SB-09-SO-2.5	STLC Citrate	Solid	CA WET Citrate	
720-81635-16	SB-02-SO-1.5	STLC Citrate	Solid	CA WET Citrate	
LB4 720-229685/1-C	Method Blank	STLC Citrate	Solid	CA WET Citrate	
720-81635-1 MS	SB-04-SO-3.0	STLC Citrate	Solid	CA WET Citrate	
720-81635-1 MSD	SB-04-SO-3.0	STLC Citrate	Solid	CA WET Citrate	

### Leach Batch: 229739

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-81635-9	SB-06-SO-5.0	TCLP	Solid	1311	
720-81635-10	SB-07-SO-1.0	TCLP	Solid	1311	
720-81635-14	SB-09-SO-2.5	TCLP	Solid	1311	
720-81635-16	SB-02-SO-1.5	TCLP	Solid	1311	
LB 720-229739/17-B	Method Blank	TCLP	Solid	1311	
LB 720-229739/1-B	Method Blank	TCLP	Solid	1311	

### Prep Batch: 229832

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-81635-9	SB-06-SO-5.0	TCLP	Solid	3010A	229739
720-81635-10	SB-07-SO-1.0	TCLP	Solid	3010A	229739
720-81635-14	SB-09-SO-2.5	TCLP	Solid	3010A	229739
720-81635-16	SB-02-SO-1.5	TCLP	Solid	3010A	229739
LB 720-229739/17-B	Method Blank	TCLP	Solid	3010A	229739
LB 720-229739/1-B	Method Blank	TCLP	Solid	3010A	229739
MB 720-229832/1-A	Method Blank	Total/NA	Solid	3010A	
LCS 720-229832/2-A	Lab Control Sample	Total/NA	Solid	3010A	

### Prep Batch: 229851

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-81635-1	SB-04-SO-3.0	STLC Citrate	Solid	3005A	229685
720-81635-9	SB-06-SO-5.0	STLC Citrate	Solid	3005A	229685
720-81635-10	SB-07-SO-1.0	STLC Citrate	Solid	3005A	229685
720-81635-14	SB-09-SO-2.5	STLC Citrate	Solid	3005A	229685
720-81635-16	SB-02-SO-1.5	STLC Citrate	Solid	3005A	229685
LB4 720-229685/1-C	Method Blank	STLC Citrate	Solid	3005A	229685
MB 720-229851/1-A	Method Blank	Total Recoverable	Solid	3005A	
LCS 720-229851/2-A	Lab Control Sample	Total Recoverable	Solid	3005A	
720-81635-1 MS	SB-04-SO-3.0	STLC Citrate	Solid	3005A	229685
720-81635-1 MSD	SB-04-SO-3.0	STLC Citrate	Solid	3005A	229685

### Analysis Batch: 229885

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-81635-1	SB-04-SO-3.0	STLC Citrate	Solid	6010B	229851
720-81635-9	SB-06-SO-5.0	STLC Citrate	Solid	6010B	229851
720-81635-10	SB-07-SO-1.0	STLC Citrate	Solid	6010B	229851
720-81635-14	SB-09-SO-2.5	STLC Citrate	Solid	6010B	229851
720-81635-16	SB-02-SO-1.5	STLC Citrate	Solid	6010B	229851
LB4 720-229685/1-C	Method Blank	STLC Citrate	Solid	6010B	229851
MB 720-229851/1-A	Method Blank	Total Recoverable	Solid	6010B	229851

TestAmerica Pleasanton

# QC Association Summary

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-2

## Metals (Continued)

### Analysis Batch: 229885 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 720-229851/2-A	Lab Control Sample	Total Recoverable	Solid	6010B	229851
720-81635-1 MS	SB-04-SO-3.0	STLC Citrate	Solid	6010B	229851
720-81635-1 MSD	SB-04-SO-3.0	STLC Citrate	Solid	6010B	229851

### Analysis Batch: 229908

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 720-229739/1-B	Method Blank	TCLP	Solid	6010B	229832
MB 720-229832/1-A	Method Blank	Total/NA	Solid	6010B	229832
LCS 720-229832/2-A	Lab Control Sample	Total/NA	Solid	6010B	229832

### Analysis Batch: 229919

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-81635-9	SB-06-SO-5.0	TCLP	Solid	6010B	229832
720-81635-10	SB-07-SO-1.0	TCLP	Solid	6010B	229832
720-81635-14	SB-09-SO-2.5	TCLP	Solid	6010B	229832
720-81635-16	SB-02-SO-1.5	TCLP	Solid	6010B	229832
LB 720-229739/17-B	Method Blank	TCLP	Solid	6010B	229832

## Lab Chronicle

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-2

### Client Sample ID: SB-04-SO-3.0

Lab Sample ID: 720-81635-1

Matrix: Solid

Date Collected: 08/31/17 12:10

Date Received: 09/01/17 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
STLC Citrate	Leach	CA WET Citrate			229685	09/07/17 11:57	AJS	TAL PLS
STLC Citrate	Prep	3005A			229851	09/11/17 09:53	JNG	TAL PLS
STLC Citrate	Analysis	6010B		1	229885	09/11/17 11:47	ASB	TAL PLS

### Client Sample ID: SB-06-SO-5.0

Lab Sample ID: 720-81635-9

Matrix: Solid

Date Collected: 08/31/17 15:35

Date Received: 09/01/17 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
STLC Citrate	Leach	CA WET Citrate			229685	09/07/17 11:57	AJS	TAL PLS
STLC Citrate	Prep	3005A			229851	09/11/17 09:53	JNG	TAL PLS
STLC Citrate	Analysis	6010B		1	229885	09/11/17 11:51	ASB	TAL PLS
TCLP	Leach	1311			229739	09/08/17 17:09	AJS	TAL PLS
TCLP	Prep	3010A			229832	09/09/17 12:21	AAP	TAL PLS
TCLP	Analysis	6010B		1	229919	09/11/17 20:21	ASB	TAL PLS

### Client Sample ID: SB-07-SO-1.0

Lab Sample ID: 720-81635-10

Matrix: Solid

Date Collected: 08/31/17 15:45

Date Received: 09/01/17 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
STLC Citrate	Leach	CA WET Citrate			229685	09/07/17 11:57	AJS	TAL PLS
STLC Citrate	Prep	3005A			229851	09/11/17 09:53	JNG	TAL PLS
STLC Citrate	Analysis	6010B		1	229885	09/11/17 11:56	ASB	TAL PLS
TCLP	Leach	1311			229739	09/08/17 17:09	AJS	TAL PLS
TCLP	Prep	3010A			229832	09/09/17 12:21	AAP	TAL PLS
TCLP	Analysis	6010B		1	229919	09/11/17 20:27	ASB	TAL PLS

### Client Sample ID: SB-09-SO-2.5

Lab Sample ID: 720-81635-14

Matrix: Solid

Date Collected: 08/31/17 16:25

Date Received: 09/01/17 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
STLC Citrate	Leach	CA WET Citrate			229685	09/07/17 11:57	AJS	TAL PLS
STLC Citrate	Prep	3005A			229851	09/11/17 09:53	JNG	TAL PLS
STLC Citrate	Analysis	6010B		1	229885	09/11/17 12:08	ASB	TAL PLS
TCLP	Leach	1311			229739	09/08/17 17:09	AJS	TAL PLS
TCLP	Prep	3010A			229832	09/09/17 12:21	AAP	TAL PLS
TCLP	Analysis	6010B		1	229919	09/11/17 20:43	ASB	TAL PLS

TestAmerica Pleasanton

## Lab Chronicle

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-2

**Client Sample ID: SB-02-SO-1.5**

**Lab Sample ID: 720-81635-16**

Date Collected: 09/01/17 07:20

Matrix: Solid

Date Received: 09/01/17 17:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
STLC Citrate	Leach	CA WET Citrate			229685	09/07/17 11:57	AJS	TAL PLS
STLC Citrate	Prep	3005A			229851	09/11/17 09:53	JNG	TAL PLS
STLC Citrate	Analysis	6010B		1	229885	09/11/17 12:12	ASB	TAL PLS
TCLP	Leach	1311			229739	09/08/17 17:09	AJS	TAL PLS
TCLP	Prep	3010A			229832	09/09/17 12:21	AAP	TAL PLS
TCLP	Analysis	6010B		1	229919	09/11/17 20:54	ASB	TAL PLS

**Laboratory References:**

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

## Accreditation/Certification Summary

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-2

### Laboratory: TestAmerica Pleasanton

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

Authority	Program	EPA Region	Identification Number	Expiration Date
California	State Program	9	2496	01-31-18
Analysis Method	Prep Method	Matrix	Analyte	

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TestAmerica Pleasanton

## Method Summary

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-2

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

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## Sample Summary

Client: Haley & Aldrich, Inc.  
Project/Site: 345 North Montgomery

TestAmerica Job ID: 720-81635-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-81635-1	SB-04-SO-3.0	Solid	08/31/17 12:10	09/01/17 17:00
720-81635-9	SB-06-SO-5.0	Solid	08/31/17 15:35	09/01/17 17:00
720-81635-10	SB-07-SO-1.0	Solid	08/31/17 15:45	09/01/17 17:00
720-81635-14	SB-09-SO-2.5	Solid	08/31/17 16:25	09/01/17 17:00
720-81635-16	SB-02-SO-1.5	Solid	09/01/17 07:20	09/01/17 17:00

**Smith, Micah**

---

**From:** Ticken, Edison <ETicken@haleyaldrich.com>  
**Sent:** Wednesday, September 06, 2017 4:45 PM  
**To:** Smith, Micah  
**Subject:** Job 81635 STLC/TCLP

**-External Email-**

---

Hi Micah,

Please run the following additional analysis for Job 81635 (345 North Montgomery) on 3 day turnaround:

81635-1  
STLC lead

81635-9  
TCLP chromium  
TCLP lead  
STLC chromium  
STLC copper  
STLC lead

81635-10  
TCLP chromium  
TCLP lead  
STLC chromium  
STLC lead

81635-14  
TCLP lead  
STLC lead

81635-16  
TCLP lead  
STLC lead

Please let me know if you have any questions.

Thanks!

Edison

**Edison Ticken, P.E.**  
Assistant Project Manager

**Haley & Aldrich, Inc.**  
2033 North Main Street | Suite 309  
Walnut Creek, California 94596

T: (925) 949-1022  
C: (925) 239-9905

[www.haleyaldrich.com](http://www.haleyaldrich.com)

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**TestAmerica Pleasanton**1220 Quarry Lane  
Pleasanton, CA 94566-4756  
phone 925.484.1919 fax 925.600.3002

TestAmerica's services under this CoC shall be performed in accordance with the TAC's within Blanket Service Agreement #2015-18-TestAmerica by and between Haley &amp; Aldrich, Inc. its Subsidiaries, Inc. partners, and TestAmerica Laboratories, Inc.

**Chain of Custody Record for  
Haley & Aldrich, Inc., Blanket Service Agreement #2015-18-TestAmerica**178072  
**TestAmerica**  
Form No. CA-C-WI-045, Rev. 1.2, dated 1/8/2016**Regulatory Program:**  DW  NPDES  RCRA  Other:178072  
**TestAmerica**  
Form No. CA-C-WI-045, Rev. 1.2, dated 1/8/2016

TAC# 178072-TestAmerica by and between Haley &amp; Aldrich, Inc. its Subsidiaries, Inc. partners, and TestAmerica Laboratories, Inc.

**Client Contact**

Edison Ticken  
2033 N. Main St. Suite 309  
Walnut Creek, CA 94596  
925-239-9905 Phone  
FAX  
H&A Project Number : 128730-019  
Site: 345 North Montgomery  
H&A P O #

Tel/Fax: 925-949-4412  
Analysis Turnaround Time  
 CALENDAR DAYS  WORKING DAYS  
TAT # different from Below  
 2 weeks  
 1 week  
 2 days  
 1 day

Lab Contact: Edison Ticken  
Carrier: Date: 8/31/17  
COC No: 1 of 2 COCs  
Sampler: E. Ticken  
For Lab Use Only:  
Walk-in Client: \_\_\_\_\_  
Lab Sampling: \_\_\_\_\_  
Job / SDG No :

Lab Contact: Micah Smith  
Carrier: Date: 8/31/17  
COC No: 1 of 2 COCs  
Sampler: E. Ticken  
For Lab Use Only:  
Walk-in Client: \_\_\_\_\_  
Lab Sampling: \_\_\_\_\_  
Job / SDG No :

H&A Project Manager: Jason Grant  
H&A Site Contact: Edison Ticken  
Carrier: Date: 8/31/17  
COC No: 1 of 2 COCs  
Sampler: E. Ticken  
For Lab Use Only:  
Walk-in Client: \_\_\_\_\_  
Lab Sampling: \_\_\_\_\_  
Job / SDG No :

Filtered Sample (Y/N)  
Perform MS / MSD (Y/N)  
VOC & GRO 8260B  
TPH-DRO  
TPH-MO  
SVOCs full list 8270C  
Title 22 Metals 6010B/7471A  
PCBs

Sample Specific Notes:  
Page 22 of 24  
Page

Sample Identification	Sample Date	Sample Time	Sample Type (e=Comp. G=Grab)	Matrix	# of Cont.
SB - 04 - SO - 3.0	8/31/17	1210	G	SD	4
SB - 05 - SO - 3.0		1255		SO	4
SB - 05 - SO - 5.0		1300		SO	4
SB - 01 - SO - 2.0		1320		SO	4
SB - 01 - SO - 1.5		1425		SO	4
SB - 01 - SO - 1.7		1455		SO	4
SB - 01 - GW - 15 - 20		1500		GW	8
SB - 06 - SO - 1.0		1525		SO	4
SB - 06 - SO - 5.0		1535		SO	4
SB - 07 - SO - 2.0		1545		SO	4
SB - 07 - SO - 5.0		1555		SO	4
SB - 08 - SO - 1.5		1610		SO	4



720-81635 Chain of Custody

Preservation Used: 1= Ice, 2= HCl; 3= H<sub>2</sub>SO<sub>4</sub>; 4=HNO<sub>3</sub>; 5=NaOH; 6= Other**Sample Disposal** Return to Client Disposal by Lab Archive for

Months

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.  
 Non-Hazard  Flammable  Skin Irritant  Poison B  Unknown

**Special Instructions/QC Requirements & Comments:** GW metals - lab filter

Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No	Custody Seal No.	Cooler Temp (°C): Open: _____ Corrd: _____ Therm ID No.: _____
Relinquished by:	Company: H+A	Date/Time: 9/17/17 1420 Received by:  Company: H Date/Time: 9/17/17 1420
Relinquished by:	Company: H+A	Date/Time: 9/17/17 1420 Received by:  Company: H Date/Time: 9/17/17 1420
Relinquished by:	Company: H+A	Date/Time: 9/17/17 1420 Received in Laboratory by:  Company: H Date/Time: 9/17/17 1420

1.5°C

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

## TestAmerica Pleasanton

1220 Quarry Lane  
Pleasanton, CA 94566-4756  
phone 925.484.1919 fax 925.600.3002

TestAmerica's services under this CoC shall be performed in accordance with the ToCs within Blanket Services Agreement# 2015-18-TestAmerica

TestAmerica's services under this CoC shall be performed in accordance with the ToCs within Blanket Services Agreement# 2015-18-TestAmerica

**Regulatory Program:**  DW  NODES  RQA  Other:

178078 TestAmerica  
9/12/2017

## Haley & Aldrich, Inc. Blanket Service Agreement #2015-18-TestAmerica

### Chain of Custody Record for

178078 TestAmerica  
9/12/2017

178078 TestAmerica  
9/12/2017

Edison Ticker  
2033 N. Main St Suite 309  
Walnut Creek, CA 94596  
H&A Project Number: 129730-019  
Site: 345 North Montgomery  
H&A P O #

#### Client Contact

H&A Project Manager: Jason Grant

Tel/Fax: 925-949-4412

Phone

FAX

## Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 720-81635-2

**Login Number: 81635**

**List Source: TestAmerica Pleasanton**

**List Number: 1**

**Creator: Mullen, Joan**

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 (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	False	
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	