

PHASE II ENVIRONMENTAL INVESTIGATION RESULTS
120 EAST GRAND AVENUE, 145 SYLVESTER ROAD, AND
160 AND 180 SYLVESTER ROAD
SOUTH SAN FRANCISCO, CALIFORNIA

by
Haley & Aldrich, Inc.
Walnut Creek, California

for
TC NO. CAL. DEVELOPMENT, INC., a Delaware Corporation
San Francisco, California

File No. 0203394-000
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TC NO. CAL. DEVELOPMENT, INC., a Delaware Corporation
415 Mission Street, 45th Floor
San Francisco, California 94105

Attention: Adam M. Voelker
Senior Vice President

Subject: Phase II Environmental Investigation Results
120 East Grand Avenue, 145 Sylvester Road, and 160 and 180 Sylvester Road
South San Francisco, California

Dear Mr. Voelker:

Haley & Aldrich, Inc. (Haley & Aldrich) is submitting to TC NO. CAL. DEVELOPMENT, INC., a Delaware Corporation (TC NO. CAL. DEVELOPMENT) this letter report, which presents the results of the Phase II environmental investigation conducted on the three subject properties located at 120 East Grand Avenue, 145 Sylvester Road, and 160 and 180 Sylvester Road in South San Francisco, California (Figure 1). The purpose of this investigation was to assess the subsurface environmental conditions to be encountered by TC NO. CAL. DEVELOPMENT's future redevelopment activities at the subject properties.

Background

Haley & Aldrich prepared Phase I Environmental Assessments (ESAs), dated 2 November 2021, for each respective subject property, which identified potential subsurface environmental concerns that may warrant mitigation measures as part of their redevelopment. The two specific concerns evaluated through this Phase II environmental investigation are: 1) the subsurface volatile organic compound (VOC) impact present beneath 160 and 180 Sylvester Road and possibly migrating beneath 145 Sylvester Road; and 2) the fill material immediately below the buildings' concrete slabs and the deeper underlying soil present when the three properties were originally transformed from a tidal marshland.

The Phase I ESA additionally identified the 160 and 180 Sylvester Road property as being an open cleanup case with the San Mateo County Groundwater Protection Program (SMC-GPP), who requested in 2017 and 2019 an off-site soil vapor investigation. Haley & Aldrich's Phase II environmental investigation was performed to evaluate this off-site soil vapor concern (i.e., at 145 Sylvester Road).

Haley & Aldrich understands TC NO. CAL. DEVELOPMENT is planning on redeveloping the three properties as part of the larger redevelopment plan for this area of South San Francisco, with an 8-floor building constructed at 120 Grand Avenue, a 9-floor building constructed at 145 Sylvester Road, and a 6-floor parking garage constructed at 160 and 180 Sylvester Road. No underground construction is

currently planned. Given these redevelopment plans, Haley & Aldrich's Phase II environmental investigation included advancing borings at locations within these properties with soil, soil vapor, and/or groundwater samples collected to assess the two identified concerns. The Phase II environmental investigation findings will determine whether vapor intrusion mitigation measures may be warranted at 160 and 180 Sylvester Road and 145 Sylvester Road in order to construct their respective buildings and whether soil that may be excavated as part of the construction activities would be characterized as hazardous waste.

Field Investigation

Haley & Aldrich conducted the Phase II environmental investigation in October 2021, which included advancing soil borings at each respective property for the collection of soil, soil vapor, and groundwater samples. Drilling permits were obtained from San Mateo County Health, Environmental Health Services for the borings advanced at 145 Sylvester Road and at 160 and 180 Sylvester Road; no drilling permit was required for the boring advanced at 120 East Grand Avenue. The drilling activities were performed by Cascade Drilling, a California C-57 licensed driller. Ground Penetrating Radar Systems scanned the vicinity prior to drilling to mark underground utilities in the general area and clear the boring location. See Figure 2 for the boring locations referenced below.

120 EAST GRAND AVENUE

- One soil boring, HA-120-1, was hand augered to 5 feet below ground surface (bgs).
- Two soil samples were collected from the boring, one at 0.5 feet bgs and a second at 4 feet bgs.
- The boring was backfilled with cement via tremie pipe until a few inches below the surrounding surface and then finished flush using concrete.

145 SYLVESTER ROAD

- Four soil borings, HA-145-1 through HA-145-4, were advanced using a direct-push technology (DPT) drill rig to 9 to 20 feet bgs, depending on location.
- One deeper soil sample was collected from borings HA-145-1 and HA-145-2 as these borings were located outside the building; two soil samples were collected from boring HA-145-3, one from the shallow fill material below the building slab and a second from the deeper soil; and three soil samples were collected from boring HA-145-4, one from the shallow fill material below the building slab and two from the deeper soil.
- Grab groundwater samples were collected from three of the four borings, except HA-145-1, which could only be advanced to 9 feet bgs and no groundwater was encountered.
- Each boring was backfilled with hydrated bentonite to 5 feet bgs, and a temporary soil vapor probe was constructed above.
- A soil vapor sample was collected from each of the four locations following the procedures described in the California Department of Toxic Substances Control (DTSC) Advisory Active Soil

Gas Investigations (DTSC Advisory), dated July 2015, which included waiting 48 hours following the probe construction for sample collection to allow each probe to equilibrate.

- Each boring was destroyed by hand augering to 6 feet bgs, removing the temporary soil vapor probe materials and sand filter pack and extending into the native soil below. Cement was placed via tremie pipe into the open boreholes until a few inches below the surrounding surface and then finished flush using concrete.

160 AND 180 SYLVESTER ROAD

- Eight soil borings, HA-160-1 through HA-160-6, HA-180-1, and HA-180-2, were advanced using a DPT drill rig to 10 to 15 feet bgs, depending on location.
- Between one and three soil samples were collected from each boring depending on whether the boring was located within the buildings or within the yard between the buildings, with samples collected from the shallow fill material below the building slabs and the deeper soil.
- Grab groundwater samples were collected from five of the eight borings, except HA-160-2, HA-160-4, and HA-180-2, as groundwater monitoring wells were located nearby these three borings.
- Each boring was backfilled with hydrated bentonite to 5 feet bgs, and a temporary soil vapor probe was constructed above.
- A soil vapor sample was collected from each of the eight locations following the procedures described in the DTSC Advisory, which included waiting 48 hours following the probe construction for sample collection to allow each probe to equilibrate.
- Each boring was destroyed by hand augering to 6 feet bgs, removing the temporary soil vapor probe materials and sand filter pack and extending into the native soil below. Cement was placed via tremie pipe into the open boreholes until a few inches below the surrounding surface and then finished flush using concrete.
- Groundwater samples were collected from the four monitoring wells, MW-5 through MW-8, present within this subject property. Prior to collecting the samples, each well was purged two well casing volumes as these wells have not been sampled since 2017.

LABORATORY ANALYSES

The soil and groundwater samples were collected in laboratory-provided jars and bottles, which were labeled and placed in a resealable plastic bag and stored in a cooler with ice for transportation under chain-of-custody documentation to Eurofins TestAmerica (Eurofins). The soil vapor samples were collected in laboratory-provided passivated cannisters, which were shipped under chain-of-custody documentation to Pace Analytical (Pace). Both Eurofins and Pace are California-certified analytical laboratories. The soil samples were analyzed for:

- Total petroleum hydrocarbons as gasoline (TPHg) and VOCs using United States Environmental Protection Agency (USEPA) Method 8260B, preserved using USEPA Method 5035;

- Total petroleum hydrocarbons as diesel (TPHd) and as motor oil (TPHmo) using USEPA Method 8015B; and
- California Code of Regulations (CCR) Title 22 (T22) metals using USEPA Method 6010B/7471A.

The groundwater samples were analyzed for:

- VOCs using USEPA Method 8260B.

The soil vapor samples were analyzed for:

- VOCs using USEPA TO-15.

INVESTIGATION DERIVED WASTE

Investigation derived waste (IDW) generated by the Phase II environmental investigation field activities includes the soil cuttings, purged groundwater, and decontamination water. This IDW was placed in three 55-gallon drums (two soil, one water), which were stored in front of 145 Sylvester Road. Waste characterization samples collected from these drums indicate this IDW is non-hazardous waste. The drummed IDW was picked up from the Site on 16 November 2021; copies of the non-hazardous waste manifests are provided in Appendix A.

Results

The analytical results for each respective property are summarized below, with copies of the Eurofins and Pace analytical laboratory reports provided in Appendix B. To evaluate if subsurface environmental conditions of concern may exist that need to be addressed for redeveloping the properties, the detected concentrations were compared against the environmental screening levels (ESLs) established by the San Francisco Bay Regional Water Quality Control Board (RWQCB), dated July 2019 (Rev 2). The soil ESLs assess potential direct exposure human health risks for commercial/industrial properties; the groundwater ESLs assess potential vapor intrusion human health risks for commercial/industrial properties; and the soil vapor ESLs assess potential vapor intrusion human health risks for commercial/industrial properties. In addition, to evaluate disposal requirements for the soil encountered beneath each property, the detected concentrations in soil were compared against the CCR Title 22 Soluble Threshold Limit Concentration (STLC) and the Total Threshold Limit Concentration (TTLC) and the Federal Resource Conservation and Recovery Act (RCRA) Toxicity Characteristic Leaching Procedure (TCLP).

120 EAST GRAND AVENUE

For the samples collected from 120 East Grand Avenue, the analytical results for soil are summarized in Table 1.

- VOCs and TPHg were not detected at concentrations greater than laboratory reporting limits.

- TPHd was detected at concentrations of 1.3 and 1.6 milligrams per kilogram (mg/kg), which do not exceed the commercial/industrial ESL, 1,200 mg/kg.
- TPHmo was detected at concentrations of 5.2 and 8.3 mg/kg, which do not exceed the commercial/industrial ESL, 180,000 mg/kg.
- Arsenic was detected at concentrations of 4.9 and 5.5 mg/kg, which exceed the commercial/industrial ESL, 0.31 mg/kg. However, the detected concentrations are below the background arsenic concentration accepted by the RWQCB for San Francisco Bay Area soil, 11 mg/kg.¹
- Chromium was detected at concentrations of 79 mg/kg in the 0.5 feet bgs sample and 69 mg/kg in the 4 feet bgs sample, which exceed 10 times the STLC, 50 mg/kg. Given these results, the sample with the greatest detected concentration, the 0.5 feet bgs sample, was further analyzed for STLC. The resulting leachable chromium concentration, 0.30 milligrams per liter (mg/L), did not exceed the STLC, 5 mg/L. Therefore, this soil would not be characterized as California-hazardous waste if excavated for offsite disposal.
- Additional CCR T22 metals detected at concentrations greater than laboratory reporting limits and below their respective commercial/industrial ESLs include barium, beryllium, cobalt, copper, lead, mercury, nickel, vanadium, and zinc.

Given the soil results, it appears unlikely the shallow fill material below the 120 East Grand Avenue building slab may be characterized as hazardous waste if excavated for offsite disposal.

145 SYLVESTER ROAD

For the samples collected from 145 Sylvester Road, the analytical results for soil are summarized in Table 2, the analytical results for groundwater are summarized in Table 3, and the analytical results for soil vapor are summarized in Table 4.

Soil

- TPHg and TPHmo were not detected at concentrations greater than laboratory reporting limits.
- TPHd was detected at concentrations ranging from 1.2 to 1.7 mg/kg, which do not exceed the commercial/industrial ESL, 1,200 mg/kg.
- Only two VOCs were detected at concentrations greater than laboratory reporting limits:
 - 2-butanone (aka methyl ethyl ketone [MEK]) was detected at concentrations of 10 and 20 micrograms per kilogram (µg/kg), which do not exceed the commercial/industrial ESL, 200,000,000 µg/kg.
 - Acetone was detected at concentrations ranging from 27 to 100 µg/kg, which do not exceed the commercial/industrial ESL, 670,000,000 µg/kg.

¹ Duvergé, 2011. Establishing Background Arsenic in Soil of the Urbanized San Francisco Bay Region. December.

- Arsenic was detected at concentrations ranging from 4.1 to 11 mg/kg, exceeding the commercial/industrial ESL, 0.31 mg/kg. However, the detected concentrations are at or below the background arsenic concentration accepted by the RWQCB for San Francisco Bay Area soil, 11 mg/kg.
- Chromium was detected in several samples at concentrations exceeding 10 times the STLC, 50 mg/kg, and 20 times the TCLP, 100 mg/kg.² Given the results, the two samples with the greatest detected concentrations, 380 mg/kg in the 2.5 feet bgs sample collected from boring location HA-145-3 and 560 mg/kg in the 2.5 feet bgs sample collected from boring location HA-145-4, were further analyzed for STLC and TCLP. The resulting leachable chromium concentrations, STLCs of 0.64 mg/L and 0.87 mg/L and non-detect TCLPs, did not exceed either the STLC, 5 mg/L, or the TCLP, 5 mg/L. Therefore, this soil would not be characterized as California-hazardous or RCRA-hazardous waste if excavated for offsite disposal. Additionally, given these elevated chromium concentrations, both samples were further analyzed for hexavalent chromium, with the resulting concentrations not exceeding the commercial/industrial ESL and 10 times the STLC.
- Nickel was detected in two samples at concentrations exceeding 10 times the STLC, 200 mg/kg. Nickel was detected at a concentration of 480 mg/kg in the 2.5 feet bgs sample collected from boring location HA-145-3 and 980 mg/kg in the 2.5 feet bgs sample collected from boring location HA-145-4; these samples were further analyzed for STLC. The resulting leachable nickel concentrations, 5.7 mg/L and 13 mg/L, did not exceed the STLC, 20 mg/L. Therefore, this soil would not be characterized as California-hazardous waste if excavated for offsite disposal. None of the other samples collected contained nickel at elevated concentrations.
- Additional CCR T22 metals detected at concentrations greater than laboratory reporting limits and below their respective commercial/industrial ESLs include antimony, barium, beryllium, cobalt, copper, lead, mercury, vanadium, and zinc.

Given the soil results, it appears unlikely the shallow fill material below the 145 Sylvester Road building slab would be characterized as hazardous waste if excavated for offsite disposal.

Groundwater

- Only one VOC was detected at a concentration greater than laboratory reporting limits:
 - MEK was detected at a concentration of 11 micrograms per liter (µg/L) in the groundwater sample collected from boring location HA-145-3, which does not exceed the commercial/industrial vapor intrusion ESL, 9,500,000 µg/L.

Given the groundwater results, a potential vapor intrusion risk does not appear to be present at 145 Sylvester Road.

² Based on the industry rule-of-thumb, if a concentration in soil exceeds 20 times the TCLP, then additional leachability analysis is required to determine if the soil is RCRA-hazardous waste.

Soil Vapor

- Select VOCs were detected in each of the four boring locations at concentrations greater than laboratory reporting limits and below commercial/industrial vapor intrusion ESLs, including 1,1,1-trichloroethane (TCA), 1,1-dichloroethane (DCA), chloroform (aka trichloromethane), tetrachloroethene (PCE), and trichloroethene (TCE). None of the other VOCs analyzed were detected at concentrations greater than laboratory reporting limits.

Given the soil vapor results, a potential vapor intrusion risk does not appear to be present at 145 Sylvester Road.

160 AND 180 SYLVESTER ROAD

For the samples collected from 160 and 180 Sylvester Road, the analytical results for soil are summarized in Table 5, the analytical results for groundwater are summarized in Table 6, and the analytical results for soil vapor are summarized in Table 7.

Soil

- TPHg was not detected at concentrations greater than laboratory reporting limits.
- TPHd was detected at concentrations ranging from 1 to 5.4 mg/kg, which do not exceed the commercial/industrial ESL, 1,200 mg/kg.
- TPHmo was detected at concentrations ranging from 5 to 55 mg/kg, which do not exceed the commercial/industrial ESL, 180,000 mg/kg.
- Select VOCs were detected at concentrations greater than laboratory reporting limits and below commercial/industrial ESLs, including: 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, benzene, ethylbenzene, m,p-xylenes, n-propylbenzene, o-xylenes, toluene, xylene, MEK, acetone, cis-1,2-dichloroethene (DCE), PCE, and TCE. Of these VOCs, the petroleum hydrocarbon constituents (e.g., benzene, toluene, ethylbenzene, xylenes) were detected in the 10.5 feet bgs sample collected from boring location HA-160-1, and the chlorinated VOCs (e.g., cis-1,2-DCE, PCE, TCE) were detected in the 7.5 feet bgs sample collected from boring location HA-160-5 and the 4.5 feet bgs samples collected from boring locations HA-180-1 and HA-180-2.
 - Benzene was detected at a concentration of 113 µg/kg, which does not exceed the commercial/industrial ESL, 1,400 µg/kg.
 - Toluene was detected at a concentration of 1,003 µg/kg, which does not exceed the commercial/industrial ESL, 5,300,000 µg/kg.
 - Ethylbenzene was detected at a concentration of 243 µg/kg, which does not exceed the commercial/industrial ESL, 26,000 µg/kg.
 - Xylenes were detected at a concentration of 1,103 µg/kg, which does not exceed the commercial/industrial ESL, 2,500,000 µg/kg.

- cis-1,2-DCE was detected at concentrations of 7.13 and 18 µg/kg, which do not exceed the commercial/industrial ESL, 85,000 µg/kg.
- TCE was detected at concentrations ranging from 18 to 92 µg/kg, which do not exceed the commercial/industrial ESL, 2,700 µg/kg.
- PCE was detected at a concentration of 140 µg/kg, which does not exceed the commercial/industrial ESL, 6,100.
- Arsenic was detected at concentrations ranging from 3.4 to 14 mg/kg, exceeding the commercial/industrial ESL, 0.31 mg/kg. However, all but one of the detected concentrations are below the background arsenic concentration accepted by the RWQCB for San Francisco Bay Area soil, 11 mg/kg.
- Chromium was detected in several samples at concentrations exceeding 10 times the STLC, 50 mg/kg, and 20 times the TCLP, 100 mg/kg. Given the results, the sample with the greatest detected concentration, 210 mg/kg in the 1.5 feet bgs sample collected from boring location HA-160-4, was further analyzed for STLC and TCLP. The resulting leachable chromium concentration, 0.91 mg/L STLC and non-detect TCLP, did not exceed either the STLC, 5 mg/L, or the TCLP, 5 mg/L. Therefore, this soil would not be characterized as California-hazardous or RCRA-hazardous waste if excavated for offsite disposal. Additionally, given these elevated chromium concentrations, this sample was further analyzed for hexavalent chromium, with the resulting concentration not exceeding the commercial/industrial ESL and 10 times the STLC.
- Lead was detected at a concentration of 51 mg/kg in the 9 feet bgs sample collected from boring location HA-160-5, which exceeds 10 times the STLC, 50 mg/kg. Given this result, this sample was further analyzed for STLC. The resulting leachable lead concentration, 1.2 mg/L, did not exceed the STLC, 5 mg/L. Therefore, this soil would not be characterized as California-hazardous waste if excavated for offsite disposal. None of the other samples collected contained lead at elevated concentrations.
- Nickel was detected in several samples at concentrations exceeding 10 times the STLC, 200 mg/kg. Given the results, the sample with the greatest detected concentration, 280 mg/kg in the 1.5 feet bgs sample collected from boring location HA-160-4, was further analyzed for STLC. The resulting leachable nickel concentration, 0.91 mg/L, did not exceed the STLC, 20 mg/L. Therefore, this soil would not be characterized as California-hazardous waste if excavated for offsite disposal.
- Additional CCR T22 metals detected at concentrations greater than laboratory reporting limits and below their respective commercial/industrial ESLs include antimony, barium, beryllium, cobalt, copper, mercury, thallium, vanadium, and zinc.

Given the soil results, it appears unlikely the shallow fill material below the 160 and 180 Sylvester Road building slabs would be characterized as hazardous waste if excavated for offsite disposal. Additionally, limited chlorinated VOC impacts were detected in shallow soil at boring locations HA-160-5, HA-180-1, and HA-180-2.

Groundwater

- No VOCs were detected at concentrations greater than laboratory reporting limits in the groundwater samples collected from the four monitoring wells.
- Select VOCs were detected in the grab groundwater samples collected from the five boring locations at concentrations greater than laboratory reporting limits, including: 1,1,1-TCA, 1,1-DCA, 1,1-DCE, cis-1,2-DCE, PCE, TCE, and vinyl chloride.
- VOCs were detected in the grab groundwater samples collected from boring locations HA-160-1, HA-160-2, and HA-160-3 at concentrations exceeding commercial/industrial vapor intrusion ESLs, with HA-160-3 exhibiting the greatest impacted conditions as PCE, TCE, and vinyl chloride concentrations exceeded their respective ESLs at this location.
 - PCE was detected at a concentration of 18 µg/L, which exceeds the commercial/industrial vapor intrusion ESL, 2.8 µg/L.
 - TCE was detected at concentrations ranging from 2 to 20 µg/L, which exceed the commercial/industrial vapor intrusion ESL, 7.5 µg/L.
 - Vinyl chloride was detected at concentrations ranging from 1.1 to 19 µg/L, which exceed the commercial/industrial ESL of 0.14 µg/L.

Given the groundwater results, a potential vapor intrusion risk appears to be present at 160 Sylvester Road, notably in the vicinity of boring locations HA-160-1, HA-160-2, and HA-160-3.

Soil Vapor

- Select VOCs were detected in each of the eight boring locations at concentrations greater than laboratory reporting limits, including: 1,1,1-TCA, 1,1-DCA, 1,1-DCE, chloroform (aka trichloromethane), cis-1,2-DCE, PCE, TCE, and vinyl chloride. None of the other VOCs analyzed were detected at concentrations greater than laboratory reporting limits.
- VOCs were detected in the soil vapor samples collected from boring locations HA-160-4, HA-160-5, HA-160-6, HA-180-1, and HA-180-2 at concentrations exceeding commercial/industrial vapor intrusion ESLs, with HA-160-5 exhibiting the greatest impacted conditions as 1,1-DCA, cis-1,2-DCE, PCE, and TCE concentrations exceeded their respective ESLs at this location.
 - 1,1-DCA was detected at a concentration of 5,710 micrograms per cubic meter (µg/m³), which exceeds the commercial/industrial vapor intrusion ESL, 260 µg/m³.
 - cis-1,2-DCE was detected at a concentration of 14,700 µg/m³, which exceeds the commercial/industrial vapor intrusion ESL, 1,200 µg/m³.
 - PCE was detected at concentrations ranging from 2,320 to 473,000 µg/m³, which exceed the commercial/industrial vapor intrusion ESL, 67 µg/m³.
 - TCE was detected at concentrations ranging from 38,200 to 438,000 µg/m³, which exceed the commercial/industrial vapor intrusion ESL, 100 µg/m³.

Given the soil vapor results, a potential vapor intrusion risk appears to be present at 160 and 180 Sylvester Road, notably in the vicinity of boring locations HA-160-4, HA-160-5, HA-160-6, HA-180-1, and HA-180-2.

Conclusions

Haley & Aldrich completed the Phase II environmental investigation of the three subject properties located at 120 East Grand Avenue, 145 Sylvester Road, and 160 and 180 Sylvester Road in South San Francisco, California, which included the collection of soil, soil vapor, and groundwater samples. The findings of this investigation conclude:

- The shallow fill material present below the concrete slabs at 120 East Grand Avenue, 145 Sylvester Road, and 160 and 180 Sylvester Road do not appear to be characterized as California-hazardous or RCRA-hazardous waste.
- Limited chlorinated VOC impacts in shallow soil were detected at 160 and 180 Sylvester Road.
- There does not appear to be a vapor intrusion risk present at 145 Sylvester Road.
- A potential vapor intrusion risk is present at 160 and 180 Sylvester Road due to elevated VOC concentrations in groundwater and soil vapor. Given these results, vapor intrusion mitigation would be required if this property is redeveloped for commercial/industrial occupants, including if the currently planned parking garage contains office or other occupied spaces. A typical vapor intrusion mitigation system includes sub-slab venting (e.g., horizontal perforated pipes placed in a 6-inch thick gravel layer connected to vertical vent pipes discharging above the building roof), a chemically-resistant vapor barrier, vapor sampling probes, utility conduit seals, and utility trench dams. As 160 and 180 Sylvester Road, which is also known as the Alan Baker Property, is under regulatory oversight provided by the SMC-GPP, the redevelopment of this property and the designed vapor intrusion mitigation system will require their approval.

We appreciate the opportunity to provide environmental consulting services on this project. Please do not hesitate to call if you have any questions or comments.

Sincerely yours,
HALEY & ALDRICH, INC.



Marla Guttman
Assistant Project Manager



Jason Grant, P.E.
Senior Project Manager

Enclosures:

Table 1 – Summary of Analytical Results – 120 East Grand Avenue, Soil
Table 2 – Summary of Analytical Results – 145 Sylvester Road, Soil
Table 3 – Summary of Analytical Results – 145 Sylvester Road, Groundwater
Table 4 – Summary of Analytical Results – 145 Sylvester Road, Soil Vapor
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Table 7 – Summary of Analytical Results – 160 and 180 Sylvester Road, Soil Vapor
Figure 1 – Project Locus
Figure 2 – Boring Locations
Appendix A – IDW Manifests
Appendix B – Analytical Laboratory Reports

c: Trammell Crow Company; Attn: N. Holdridge

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TABLES

TABLE 1
SUMMARY OF ANALYTICAL RESULTS - 120 EAST GRAND AVENUE, SOIL
SOUTH SAN FRANCISCO, CALIFORNIA

	Location Sample Date Sample Depth (ft bgs)	Commercial/ Industrial ESL	10x STLC	TTLC	20x TCLP	HA-120-1 10/11/2021 0.5	HA-120-1 10/11/2021 4
CCR Title 22 Metals (mg/kg)							
Antimony		160	150	500	--	< 1.9	< 1.9
Arsenic		0.31	50	500	100	4.9	5.5
Barium		220000	1000	10000	2000	120	160
Beryllium		230	7.5	75	--	0.38	0.3
Cadmium		1100	10	100	20	< 0.19	< 0.19
Chromium		--	50	2500	100	79	69
Cobalt		350	800	8000	--	15	16
Copper		47000	250	2500	--	23	27
Lead		320	50	1000	100	12	14
Mercury		190	2	20	4	0.03	0.034
Molybdenum		5800	3500	3500	--	< 1.9	< 1.9
Nickel		11000	200	2000	--	120	90
Selenium		5800	10	100	20	< 1.9	< 1.9
Silver		5800	50	500	100	< 0.48	< 0.48
Thallium		12	70	700	--	< 1.9	< 1.9
Vanadium		5800	240	2400	--	45	51
Zinc		350000	2500	5000	--	52	57
STLC (mg/L)							
Chromium		--	5 ^a	--	--	0.30	--
Total Petroleum Hydrocarbons (mg/kg)							
Total Petroleum Hydrocarbons (>C28-C40) as Motor Oil		180000	--	--	--	8.3	5.2
Total Petroleum Hydrocarbons (C10-C28) as Diesel		1200	--	--	--	1.6	1.3
Total Petroleum Hydrocarbons (C4-C12) as Gasoline		2000	--	--	--	< 0.43	< 0.53
Volatile Organic Compounds (µg/kg)							
1,1,1,2-Tetrachloroethane		8900	--	--	--	< 4.3	< 5.3
1,1,1-Trichloroethane		7.30E+06	--	--	--	< 4.3	< 5.3
1,1,2,2-Tetrachloroethane		2700	--	--	--	< 4.3	< 5.3
1,1,2-Trichloroethane		5100	--	--	--	< 4.3	< 5.3
1,1-Dichloroethane		16000	--	--	--	< 4.3	< 5.3
1,1-Dichloroethene		350000	--	--	14000	< 4.3	< 5.3
1,1-Dichloropropene		--	--	--	--	< 4.3	< 5.3
1,2,3-Trichlorobenzene		--	--	--	--	< 4.3	< 5.3
1,2,3-Trichloropropane		110	--	--	--	< 4.3	< 5.3
1,2,4-Trichlorobenzene		110000	--	--	--	< 4.3	< 5.3
1,2,4-Trimethylbenzene		--	--	--	--	< 4.3	< 5.3
1,2-Dibromo-3-chloropropane (DBCP)		59	--	10000	--	< 8.6	< 11
1,2-Dibromoethane (Ethylene Dibromide)		160	--	--	--	< 8.6	< 11
1,2-Dichlorobenzene		9.40E+06	--	--	--	< 4.3	< 5.3
1,2-Dichloroethane		2100	--	--	10000	< 4.3	< 5.3
1,2-Dichloropropane		4400	--	--	--	< 4.3	< 5.3
1,3,5-Trimethylbenzene		--	--	--	--	< 4.3	< 5.3
1,3-Dichlorobenzene		--	--	--	--	< 4.3	< 5.3
1,3-Dichloropropane		--	--	--	--	< 4.3	< 5.3
1,4-Dichlorobenzene		12000	--	--	150000	< 4.3	< 5.3
2,2-Dichloropropane		--	--	--	--	< 4.3	< 5.3
2-Butanone (Methyl Ethyl Ketone)		2.00E+08	--	--	4.00E+06	< 8.6	< 11
2-Chlorotoluene		--	--	--	--	< 4.3	< 5.3
2-Hexanone		--	--	--	--	< 8.6	< 11
2-Phenylbutane (sec-Butylbenzene)		--	--	--	--	< 4.3	< 5.3
4-Chlorotoluene		--	--	--	--	< 4.3	< 5.3
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)		1.40E+08	--	--	--	< 8.6	< 11
Acetone		6.70E+08	--	--	--	< 17	< 21
Benzene		1400	--	--	10000	< 4.3	< 5.3
Bromobenzene		--	--	--	--	< 4.3	< 5.3
Bromodichloromethane		1300	--	--	--	< 4.3	< 5.3
Bromoform		80000	--	--	--	< 4.3	< 5.3
Bromomethane (Methyl Bromide)		30000	--	--	--	< 4.3	< 5.3
Carbon disulfide		--	--	--	--	< 8.6	< 11
Carbon tetrachloride		2700	--	--	10000	< 4.3	< 5.3
Chlorobenzene		1.30E+06	--	--	2.00E+06	< 4.3	< 5.3
Chlorobromomethane		--	--	--	--	< 4.3	< 5.3
Chloroethane		5.90E+07	--	--	--	< 4.3	< 5.3
Chloroform (Trichloromethane)		1400	--	--	120000	< 4.3	< 5.3
Chloromethane (Methyl Chloride)		470000	--	--	--	< 4.3	< 5.3
cis-1,2-Dichloroethene		85000	--	--	--	< 4.3	< 5.3
cis-1,3-Dichloropropene		--	--	--	--	< 4.3	< 5.3
Cymene (p-Isopropyltoluene)		--	--	--	--	< 4.3	< 5.3
Dibromochloromethane		39000	--	--	--	< 4.3	< 5.3
Dibromomethane		--	--	--	--	< 4.3	< 5.3
Dichlorodifluoromethane (CFC-12)		--	--	--	--	< 4.3	< 5.3
Ethylbenzene		26000	--	--	--	< 4.3	< 5.3
Hexachlorobutadiene		5300	--	--	10000	< 4.3	< 5.3
Isopropylbenzene (Cumene)		--	--	--	--	< 4.3	< 5.3
m,p-Xylenes		--	--	--	--	< 4.3	< 5.3

TABLE 1
SUMMARY OF ANALYTICAL RESULTS - 120 EAST GRAND AVENUE, SOIL
SOUTH SAN FRANCISCO, CALIFORNIA

Location Sample Date Sample Depth (ft bgs)	Commercial/ Industrial ESL	10x STLC	TTLC	20x TCLP	HA-120-1 10/11/2021 0.5	HA-120-1 10/11/2021 4
Methyl Tert Butyl Ether (MTBE)	210000	--	--	--	< 8.6	< 11
Methylene chloride (Dichloromethane)	25000	--	--	--	< 8.6	< 11
Naphthalene	17000	--	--	--	< 4.3	< 5.3
n-Butylbenzene	--	--	--	--	< 4.3	< 5.3
n-Propylbenzene	--	--	--	--	< 4.3	< 5.3
o-Xylene	--	--	--	--	< 4.3	< 5.3
Styrene	3.30E+07	--	--	--	< 4.3	< 5.3
tert-Butylbenzene	--	--	--	--	< 4.3	< 5.3
Tetrachloroethene	2700	--	--	14000	< 4.3	< 5.3
Toluene	5.30E+06	--	--	--	< 4.3	< 5.3
trans-1,2-Dichloroethene	600000	--	--	--	< 4.3	< 5.3
trans-1,3-Dichloropropene	--	--	--	--	< 4.3	< 5.3
Trichloroethene	6100	--	2.04E+06	10000	< 4.3	< 5.3
Trichlorofluoromethane (CFC-11)	--	--	--	--	< 4.3	< 5.3
Trifluorotrichloroethane (Freon 113)	--	--	--	--	< 8.6	< 11
Vinyl acetate	--	--	--	--	< 8.6	< 11
Vinyl chloride	150	--	10000	4000	< 4.3	< 5.3
Xylene (total)	2.50E+06	--	--	--	< 4.3	< 5.3

Notes:
mg/kg = milligrams per kilogram
µg/kg = micrograms per kilogram
mg/L = milligrams per liter
ft bgs = feet below ground surface
ESL = environmental screening level established by the San Francisco Bay Regional Water Quality Control Board, dated July 2019 (Rev 2)
STLC = Soluble Threshold Limit Concentration
TTLC = Total Threshold Limit Concentrations
TCLP = Toxicity Characteristic Leaching Procedure
Bold values indicate the constituent was detected at or above laboratory reporting limits.
<xx = indicates the constituent was not detected at or above the laboratory reporting limit of xx.
a = value listed is STLC
Highlight indicates the detected concentration exceeds the direct exposure human health ESL for commercial/industrial properties
Highlight indicates the detected concentration exceeds 10-times the California Code of Regulations Title 22 STLC
Highlight indicates the detected concentration exceeds the California Code of Regulations Title 22 TTLC
Highlight indicates the detected concentration exceeds 20-times the Federal Resource Conservation and Recovery Act TCLP

TABLE 2
SUMMARY OF ANALYTICAL RESULTS - 145 SYLVESTER ROAD, SOIL
SOUTH SAN FRANCISCO, CALIFORNIA

Location Sample Date Sample Depth (ft bgs)	Commercial/ Industrial ESL	10x STLC	TTLT	20x TCLP	HA-145-1 10/06/2021 12	HA-145-2 10/06/2021 9.5	HA-145-3 10/06/2021 2.5	HA-145-3 10/06/2021 6	HA-145-3 10/06/2021 11	HA-145-4 10/06/2021 2.5	HA-145-4 10/06/2021 6
CCR Title 22 Metals (mg/kg)											
Antimony	160	150	500	--	14	11	34	6.6	--	21	9.3
Arsenic	0.31	50	500	100	4.9	4.1	9.9	8.2	--	11	6.8
Barium	220000	1000	10000	2000	62	260	110	98	--	62	84
Beryllium	230	7.5	75	--	0.72	0.68	1.1	0.98	--	0.63	0.81
Cadmium	1100	10	100	20	< 0.19	< 0.21	< 0.20	< 0.20	--	< 0.19	< 0.20
Chromium	--	50	2500	100	70	49	380	53	--	560	69
Chromium VI (Hexavalent)	6.2	50	500	--	--	--	3.0	--	--	2.6	--
Cobalt	350	800	8000	--	7.6	6.3	34	14	--	52	13
Copper	47000	250	2500	--	20	9.1	31	28	--	20	25
Lead	320	50	1000	100	9.4	5.3	6.7	13	--	4	8.5
Mercury	190	2	20	4	0.078	< 0.044	0.074	0.15	--	0.062	0.24
Molybdenum	5800	3500	3500	--	< 1.9	< 2.1	< 2.0	< 2.0	--	< 1.9	< 2.0
Nickel	11000	200	2000	--	39	26	480	85	--	980	96
Selenium	5800	10	100	20	< 1.9	< 2.1	< 2.0	< 2.0	--	< 1.9	< 2.0
Silver	5800	50	500	100	< 0.48	< 0.52	< 0.51	< 0.50	--	< 0.48	< 0.51
Thallium	12	70	700	--	< 9.6	< 10	< 10	< 2.0	--	< 1.9	< 2.0
Vanadium	5800	240	2400	--	47	41	51	33	--	45	52
Zinc	350000	2500	5000	--	91	66	48	79	--	32	42
STLC (mg/L)											
Chromium	--	5 ^a	--	--	--	--	0.64	--	--	0.87	--
Nickel	--	20 ^a	--	--	--	--	5.7	--	--	13	--
TCLP (mg/L)											
Chromium	--	--	--	5 ^b	--	--	< 0.10	--	--	< 0.10	--
Total Petroleum Hydrocarbons (mg/kg)											
Total Petroleum Hydrocarbons (>C28-C40) as Motor Oil	180000	--	--	--	< 4.9	< 4.9	< 5.0	< 4.9	< 4.9	< 4.9	< 4.9
Total Petroleum Hydrocarbons (C10-C28) as Diesel	1200	--	--	--	< 0.99	< 0.98	1.2	1.2	1.2	1.7	1.4
Total Petroleum Hydrocarbons (C4-C12) as Gasoline	2000	--	--	--	< 0.44	< 0.46	< 0.47	< 0.48	< 0.47	< 0.29	< 0.63
Volatile Organic Compounds (µg/kg)											
1,1,1,2-Tetrachloroethane	8900	--	--	--	< 4.4	< 4.6	< 4.7	< 4.8	< 4.7	< 2.9	< 6.3
1,1,1-Trichloroethane	7.30E+06	--	--	--	< 4.4	< 4.6	< 4.7	< 4.8	< 4.7	< 2.9	< 6.3
1,1,2,2-Tetrachloroethane	2700	--	--	--	< 4.4	< 4.6	< 4.7	< 4.8	< 4.7	< 2.9	< 6.3
1,1,2-Trichloroethane	5100	--	--	--	< 4.4	< 4.6	< 4.7	< 4.8	< 4.7	< 2.9	< 6.3
1,1-Dichloroethane	16000	--	--	--	< 4.4	< 4.6	< 4.7	< 4.8	< 4.7	< 2.9	< 6.3
1,1-Dichloroethene	350000	--	--	14000	< 4.4	< 4.6	< 4.7	< 4.8	< 4.7	< 2.9	< 6.3
1,1-Dichloropropene	--	--	--	--	< 4.4	< 4.6	< 4.7	< 4.8	< 4.7	< 2.9	< 6.3
1,2,3-Trichlorobenzene	--	--	--	--	< 4.4	< 4.6	< 4.7	< 4.8	< 4.7	< 2.9	< 6.3

TABLE 2
SUMMARY OF ANALYTICAL RESULTS - 145 SYLVESTER ROAD, SOIL
SOUTH SAN FRANCISCO, CALIFORNIA

Location Sample Date Sample Depth (ft bgs)	Commercial/ Industrial ESL	10x STLC	TTLT	20x TCLP	HA-145-1 10/06/2021 12	HA-145-2 10/06/2021 9.5	HA-145-3 10/06/2021 2.5	HA-145-3 10/06/2021 6	HA-145-3 10/06/2021 11	HA-145-4 10/06/2021 2.5	HA-145-4 10/06/2021 6
1,2,3-Trichloropropane	110	--	--	--	< 4.4	< 4.6	< 4.7	< 4.8	< 4.7	< 2.9	< 6.3
1,2,4-Trichlorobenzene	110000	--	--	--	< 4.4	< 4.6	< 4.7	< 4.8	< 4.7	< 2.9	< 6.3
1,2,4-Trimethylbenzene	--	--	--	--	< 4.4	< 4.6	< 4.7	< 4.8	< 4.7	< 2.9	< 6.3
1,2-Dibromo-3-chloropropane (DBCP)	59	--	10000	--	< 8.7	< 9.1	< 9.4	< 9.5	< 9.5	< 5.8	< 13
1,2-Dibromoethane (Ethylene Dibromide)	160	--	--	--	< 8.7	< 9.1	< 9.4	< 9.5	< 9.5	< 5.8	< 13
1,2-Dichlorobenzene	9.40E+06	--	--	--	< 4.4	< 4.6	< 4.7	< 4.8	< 4.7	< 2.9	< 6.3
1,2-Dichloroethane	2100	--	--	10000	< 4.4	< 4.6	< 4.7	< 4.8	< 4.7	< 2.9	< 6.3
1,2-Dichloropropane	4400	--	--	--	< 4.4	< 4.6	< 4.7	< 4.8	< 4.7	< 2.9	< 6.3
1,3,5-Trimethylbenzene	--	--	--	--	< 4.4	< 4.6	< 4.7	< 4.8	< 4.7	< 2.9	< 6.3
1,3-Dichlorobenzene	--	--	--	--	< 4.4	< 4.6	< 4.7	< 4.8	< 4.7	< 2.9	< 6.3
1,3-Dichloropropane	--	--	--	--	< 4.4	< 4.6	< 4.7	< 4.8	< 4.7	< 2.9	< 6.3
1,4-Dichlorobenzene	12000	--	--	150000	< 4.4	< 4.6	< 4.7	< 4.8	< 4.7	< 2.9	< 6.3
2,2-Dichloropropane	--	--	--	--	< 4.4	< 4.6	< 4.7	< 4.8	< 4.7	< 2.9	< 6.3
2-Butanone (Methyl Ethyl Ketone)	2.00E+08	--	--	4.00E+06	< 8.7	20	< 9.4	< 9.5	10	< 5.8	< 13
2-Chlorotoluene	--	--	--	--	< 4.4	< 4.6	< 4.7	< 4.8	< 4.7	< 2.9	< 6.3
2-Hexanone	--	--	--	--	< 8.7	< 9.1	< 9.4	< 9.5	< 9.5	< 5.8	< 13
2-Phenylbutane (sec-Butylbenzene)	--	--	--	--	< 4.4	< 4.6	< 4.7	< 4.8	< 4.7	< 2.9	< 6.3
4-Chlorotoluene	--	--	--	--	< 4.4	< 4.6	< 4.7	< 4.8	< 4.7	< 2.9	< 6.3
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	1.40E+08	--	--	--	< 8.7	< 9.1	< 9.4	< 9.5	< 9.5	< 5.8	< 13
Acetone	6.70E+08	--	--	--	27	100	< 19	< 19	67	< 12	< 25
Benzene	1400	--	--	10000	< 4.4	< 4.6	< 4.7	< 4.8	< 4.7	< 2.9	< 6.3
Bromobenzene	--	--	--	--	< 4.4	< 4.6	< 4.7	< 4.8	< 4.7	< 2.9	< 6.3
Bromodichloromethane	1300	--	--	--	< 4.4	< 4.6	< 4.7	< 4.8	< 4.7	< 2.9	< 6.3
Bromoform	80000	--	--	--	< 4.4	< 4.6	< 4.7	< 4.8	< 4.7	< 2.9	< 6.3
Bromomethane (Methyl Bromide)	30000	--	--	--	< 4.4	< 4.6	< 4.7	< 4.8	< 4.7	< 2.9	< 6.3
Carbon disulfide	--	--	--	--	< 8.7	< 9.1	< 9.4	< 9.5	< 9.5	< 5.8	< 13
Carbon tetrachloride	2700	--	--	10000	< 4.4	< 4.6	< 4.7	< 4.8	< 4.7	< 2.9	< 6.3
Chlorobenzene	1.30E+06	--	--	2.00E+06	< 4.4	< 4.6	< 4.7	< 4.8	< 4.7	< 2.9	< 6.3
Chlorobromomethane	--	--	--	--	< 4.4	< 4.6	< 4.7	< 4.8	< 4.7	< 2.9	< 6.3
Chloroethane	5.90E+07	--	--	--	< 4.4	< 4.6	< 4.7	< 4.8	< 4.7	< 2.9	< 6.3
Chloroform (Trichloromethane)	1400	--	--	120000	< 4.4	< 4.6	< 4.7	< 4.8	< 4.7	< 2.9	< 6.3
Chloromethane (Methyl Chloride)	470000	--	--	--	< 4.4	< 4.6	< 4.7	< 4.8	< 4.7	< 2.9	< 6.3
cis-1,2-Dichloroethene	85000	--	--	--	< 4.4	< 4.6	< 4.7	< 4.8	< 4.7	< 2.9	< 6.3
cis-1,3-Dichloropropene	--	--	--	--	< 4.4	< 4.6	< 4.7	< 4.8	< 4.7	< 2.9	< 6.3
Cymene (p-Isopropyltoluene)	--	--	--	--	< 4.4	< 4.6	< 4.7	< 4.8	< 4.7	< 2.9	< 6.3
Dibromochloromethane	39000	--	--	--	< 4.4	< 4.6	< 4.7	< 4.8	< 4.7	< 2.9	< 6.3
Dibromomethane	--	--	--	--	< 4.4	< 4.6	< 4.7	< 4.8	< 4.7	< 2.9	< 6.3
Dichlorodifluoromethane (CFC-12)	--	--	--	--	< 4.4	< 4.6	< 4.7	< 4.8	< 4.7	< 2.9	< 6.3
Ethylbenzene	26000	--	--	--	< 4.4	< 4.6	< 4.7	< 4.8	< 4.7	< 2.9	< 6.3
Hexachlorobutadiene	5300	--	--	10000	< 4.4	< 4.6	< 4.7	< 4.8	< 4.7	< 2.9	< 6.3
Isopropylbenzene (Cumene)	--	--	--	--	< 4.4	< 4.6	< 4.7	< 4.8	< 4.7	< 2.9	< 6.3
m,p-Xylenes	--	--	--	--	< 4.4	< 4.6	< 4.7	< 4.8	< 4.7	< 2.9	< 6.3

TABLE 2
SUMMARY OF ANALYTICAL RESULTS - 145 SYLVESTER ROAD, SOIL
SOUTH SAN FRANCISCO, CALIFORNIA

Location Sample Date Sample Depth (ft bgs)	Commercial/ Industrial ESL	10x STLC	TTLc	20x TCLP	HA-145-1 10/06/2021 12	HA-145-2 10/06/2021 9.5	HA-145-3 10/06/2021 2.5	HA-145-3 10/06/2021 6	HA-145-3 10/06/2021 11	HA-145-4 10/06/2021 2.5	HA-145-4 10/06/2021 6
Methyl Tert Butyl Ether (MTBE)	210000	--	--	--	< 8.7	< 9.1	< 9.4	< 9.5	< 9.5	< 5.8	< 13
Methylene chloride (Dichloromethane)	25000	--	--	--	< 8.7	< 9.1	< 9.4	< 9.5	< 9.5	< 5.8	< 13
Naphthalene	17000	--	--	--	< 4.4	< 4.6	< 4.7	< 4.8	< 4.7	< 2.9	< 6.3
n-Butylbenzene	--	--	--	--	< 4.4	< 4.6	< 4.7	< 4.8	< 4.7	< 2.9	< 6.3
n-Propylbenzene	--	--	--	--	< 4.4	< 4.6	< 4.7	< 4.8	< 4.7	< 2.9	< 6.3
o-Xylene	--	--	--	--	< 4.4	< 4.6	< 4.7	< 4.8	< 4.7	< 2.9	< 6.3
Styrene	3.30E+07	--	--	--	< 4.4	< 4.6	< 4.7	< 4.8	< 4.7	< 2.9	< 6.3
tert-Butylbenzene	--	--	--	--	< 4.4	< 4.6	< 4.7	< 4.8	< 4.7	< 2.9	< 6.3
Tetrachloroethene	2700	--	--	14000	< 4.4	< 4.6	< 4.7	< 4.8	< 4.7	< 2.9	< 6.3
Toluene	5.30E+06	--	--	--	< 4.4	< 4.6	< 4.7	< 4.8	< 4.7	< 2.9	< 6.3
trans-1,2-Dichloroethene	600000	--	--	--	< 4.4	< 4.6	< 4.7	< 4.8	< 4.7	< 2.9	< 6.3
trans-1,3-Dichloropropene	--	--	--	--	< 4.4	< 4.6	< 4.7	< 4.8	< 4.7	< 2.9	< 6.3
Trichloroethene	6100	--	2.04E+06	10000	< 4.4	< 4.6	< 4.7	< 4.8	< 4.7	< 2.9	< 6.3
Trichlorofluoromethane (CFC-11)	--	--	--	--	< 4.4	< 4.6	< 4.7	< 4.8	< 4.7	< 2.9	< 6.3
Trifluorotrichloroethane (Freon 113)	--	--	--	--	< 8.7	< 9.1	< 9.4	< 9.5	< 9.5	< 5.8	< 13
Vinyl acetate	--	--	--	--	< 8.7	< 9.1	< 9.4	< 9.5	< 9.5	< 5.8	< 13
Vinyl chloride	150	--	10000	4000	< 4.4	< 4.6	< 4.7	< 4.8	< 4.7	< 2.9	< 6.3
Xylene (total)	2.50E+06	--	--	--	< 4.4	< 4.6	< 4.7	< 4.8	< 4.7	< 2.9	< 6.3

Notes:
mg/kg = milligrams per kilogram
µg/kg = micrograms per kilogram
mg/L = milligrams per liter
ft bgs = feet below ground surface
ESL = environmental screening level established by the San Francisco Bay Regional Water Quality Control Board, dated July 2019 (Rev 2)
STLC = Soluble Threshold Limit Concentration
TTLc = Total Threshold Limit Concentrations
TCLP = Toxicity Characteristic Leaching Procedure
Bold values indicate the constituent was detected at or above laboratory reporting limits.
<xx = indicates the constituent was not detected at or above the laboratory reporting limit of xx.
a = value listed is STLC
b = value listed is TCLP
Highlight indicates the detected concentration exceeds the direct exposure human health ESL for commercial/industrial properties
Highlight indicates the detected concentration exceeds 10-times the California Code of Regulations Title 22 STLC
Highlight indicates the detected concentration exceeds the California Code of Regulations Title 22 TTLc
Highlight indicates the detected concentration exceeds 20-times the Federal Resource Conservation and Recovery Act TCLP

TABLE 3
SUMMARY OF ANALYTICAL RESULTS - 145 SYLVESTER ROAD, GROUNDWATER
SOUTH SAN FRANCISCO, CALIFORNIA

	Location Sample Date Sample Type	Commercial/ Industrial Vapor Intrusion ESL	HA-145-1 10/07/2021 Grab	HA-145-2 10/07/2021 Grab	HA-145-3 10/07/2021 Grab
Volatile Organic Compounds (µg/L)					
1,1,1,2-Tetrachloroethane		17	< 0.50	< 2.5	< 2.5
1,1,1-Trichloroethane		6300	< 0.50	< 2.5	< 2.5
1,1,2,2-Tetrachloroethane		14	< 0.50	< 2.5	< 2.5
1,1,2-Trichloroethane		23	< 0.50	< 2.5	< 2.5
1,1-Dichloroethane		33	< 0.50	< 2.5	< 2.5
1,1-Dichloroethene		280	< 0.50	< 2.5	< 2.5
1,1-Dichloropropene		--	< 0.50	< 2.5	< 2.5
1,2,3-Trichlorobenzene		--	< 1.0	< 5.0	< 5.0
1,2,3-Trichloropropane		94	< 1.0	< 5.0	< 5.0
1,2,4-Trichlorobenzene		150	< 1.0	< 5.0	< 5.0
1,2,4-Trimethylbenzene		--	< 1.0	< 5.0	< 5.0
1,2-Dibromo-3-chloropropane (DBCP)		0.34	< 1.0	< 5.0	< 5.0
1,2-Dibromoethane (Ethylene Dibromide)		0.76	< 0.50	< 2.5	< 2.5
1,2-Dichlorobenzene		11000	< 0.50	< 2.5	< 2.5
1,2-Dichloroethane		9.8	< 0.50	< 2.5	< 2.5
1,2-Dichloropropane		10	< 0.50	< 2.5	< 2.5
1,3,5-Trimethylbenzene		--	< 0.50	< 2.5	< 2.5
1,3-Dichlorobenzene		--	< 0.50	< 2.5	< 2.5
1,3-Dichloropropane		--	< 1.0	< 5.0	< 5.0
1,4-Dichlorobenzene		11	< 0.50	< 2.5	< 2.5
2,2-Dichloropropane		--	< 1.0	< 5.0	< 5.0
2-Butanone (Methyl Ethyl Ketone)		9.50E+06	< 2.0	< 10	11
2-Chlorotoluene		--	< 0.50	< 2.5	< 2.5
2-Hexanone		--	< 2.0	< 10	< 10
2-Phenylbutane (sec-Butylbenzene)		--	< 1.0	< 5.0	< 5.0
4-Chlorotoluene		--	< 0.50	< 2.5	< 2.5
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)		2.30E+06	< 2.0	< 10	< 10
Acetone		9.70E+07	< 10	< 50	< 50
Benzene		1.8	< 0.50	< 2.5	< 2.5
Bromobenzene		--	< 1.0	< 5.0	< 5.0
Bromodichloromethane		3.8	< 0.50	< 2.5	< 2.5
Bromoform		510	< 1.0	< 5.0	< 5.0
Bromomethane (Methyl Bromide)		73	< 1.0	< 5.0	< 5.0
Carbon disulfide		--	< 2.0	< 10	< 10
Carbon tetrachloride		1.9	< 0.50	< 2.5	< 2.5
Chlorobenzene		1700	< 0.50	< 2.5	< 2.5
Chlorobromomethane		--	< 1.0	< 5.0	< 5.0
Chloroethane		97000	< 1.0	< 5.0	< 5.0
Chloroform (Trichloromethane)		3.6	< 1.0	< 5.0	< 5.0
Chloromethane (Methyl Chloride)		1100	< 1.0	< 5.0	< 5.0
cis-1,2-Dichloroethene		210	< 0.50	< 2.5	< 2.5
cis-1,3-Dichloropropene		--	< 0.50	< 2.5	< 2.5
Cymene (p-Isopropyltoluene)		--	< 1.0	< 5.0	< 5.0
Dibromochloromethane		--	< 0.50	< 2.5	< 2.5
Dibromomethane		--	< 0.50	< 2.5	< 2.5
Dichlorodifluoromethane (CFC-12)		--	< 1.0	< 5.0	< 5.0
Ethylbenzene		15	< 0.50	< 2.5	< 2.5
Hexachlorobutadiene		1.3	< 1.0	< 5.0	< 5.0
Isopropylbenzene (Cumene)		--	< 0.50	< 2.5	< 2.5
m,p-Xylenes		--	< 0.50	< 2.5	< 2.5
Methyl Tert Butyl Ether (MTBE)		2000	< 0.50	< 2.5	< 2.5
Methylene chloride (Dichloromethane)		94	< 1.0	< 5.0	< 5.0
Naphthalene		20	< 1.0	< 5.0	< 5.0
n-Butylbenzene		--	< 1.0	< 5.0	< 5.0
n-Propylbenzene		--	< 1.0	< 5.0	< 5.0
o-Xylene		--	< 0.50	< 2.5	< 2.5
Styrene		36000	< 0.50	< 2.5	< 2.5
tert-Butylbenzene		--	< 1.0	< 5.0	< 5.0
Tetrachloroethene		2.8	< 0.50	< 2.5	< 2.5
Toluene		4900	< 0.50	< 2.5	< 2.5
trans-1,2-Dichloroethene		920	< 0.50	< 2.5	< 2.5
trans-1,3-Dichloropropene		--	< 0.50	< 2.5	< 2.5
Trichloroethene		7.5	< 0.50	< 2.5	< 2.5
Trichlorofluoromethane (CFC-11)		--	< 1.0	< 5.0	< 5.0
Trifluorotrichloroethane (Freon 113)		--	< 0.50	< 2.5	< 2.5
Vinyl acetate		--	< 2.0	< 10	< 10
Vinyl chloride		0.14	< 0.50	< 2.5	< 2.5
Xylene (total)		1600	< 0.50	< 2.5	< 2.5

Notes:
µg/L = micrograms per liter
ESL = environmental screening level established by the San Francisco Bay Regional Water Quality Control Board, dated July 2019 (Rev 2)
Bold values indicate the constituent was detected at or above laboratory reporting limits.
<xx = indicates the constituent was not detected at or above the laboratory reporting limit of xx.
Highlight indicates the detected concentration exceeds the vapor intrusion ESL for commercial/industrial properties

TABLE 4
SUMMARY OF ANALYTICAL RESULTS - 145 SYLVESTER ROAD, SOIL VAPOR
SOUTH SAN FRANCISCO, CALIFORNIA

Location Sample Date Probe Depth (ft bgs)	Commercial/ Industrial Vapor Intrusion ESL	HA-145-1 10/11/2021 4 - 5	HA-145-2 10/11/2021 4 - 5	HA-145-3 10/11/2021 4 - 5	HA-145-4 10/11/2021 4 - 5
Volatile Organic Compounds ($\mu\text{g}/\text{m}^3$)					
1,1,1-Trichloroethane	150000	< 1.9	248	28.4	44.6
1,1,2,2-Tetrachloroethane	7	< 2.4	< 2.6	< 2.4	< 2.7
1,1,2-Trichloroethane	26	< 0.97	< 1.0	< 0.97	< 1.1
1,1-Dichloroethane	260	< 1.4	2.3	< 1.4	< 1.6
1,1-Dichloroethene	10000	< 1.4	< 1.5	< 1.4	< 1.6
1,2-Dichloroethane	16	< 1.4	< 1.5	< 1.4	< 1.6
1,2-Dichloropropane	41	< 1.6	< 1.7	< 1.6	< 1.8
Bromodichloromethane	11	< 2.4	< 2.5	< 2.4	< 2.6
Carbon tetrachloride	68	< 2.2	< 2.3	< 2.2	< 2.5
Chloroform (Trichloromethane)	18	5.2	7.3	11.4	9.4
cis-1,2-Dichloroethene	1200	< 1.4	< 1.5	< 1.4	< 1.6
cis-1,3-Dichloropropene	--	< 4.0	< 4.2	< 4.0	< 4.5
Tetrachloroethene	67	2.2	< 1.3	2.2	< 1.3
trans-1,2-Dichloroethene	12000	< 1.4	< 1.5	< 1.4	< 1.6
trans-1,3-Dichloropropene	--	< 4.0	< 4.2	< 4.0	< 4.5
Trichloroethene	100	< 0.95	< 1.0	1.8	< 1.1
Vinyl chloride	5.2	< 0.45	< 0.48	< 0.45	< 0.50

Notes:

ft bgs = feet below ground surface

 $\mu\text{g}/\text{m}^3$ = micrograms per cubic meter

ESL = environmental screening level established by the San Francisco Bay Regional Water Quality Control Board, dated July 2019 (Rev 2)

Bold values indicate the constituent was detected at or above laboratory reporting limits.

<xx = indicates the constituent was not detected at or above the laboratory reporting limit of xx.

Highlight indicates the detected concentration exceeds the vapor intrusion ESL for commercial/industrial properties

Haley & Aldrich, Inc.

\\haleyaldrich.com\share\CF\Projects\0203394\ -600 Environmental Investigation\Deliverables\Phase II Report\Table 4_2021-
 1103_145Sylvester_SV_Screening_Table.xlsx

November 2021

	Location Sample Date Sample Depth (ft bgs)	Commercial/ Industrial ESL	10x STLC	TTLC	20x TCLP	HA-160-1 10/08/2021 1.5	HA-160-1 10/08/2021 4	HA-160-1 10/08/2021 10.5	HA-160-2 10/08/2021 2.5	HA-160-2 10/08/2021 4.5	HA-160-3 10/08/2021 1.5	HA-160-3 10/08/2021 4	HA-160-3 10/08/2021 10	HA-160-4 10/08/2021 1.5	HA-160-4 10/08/2021 4	HA-160-5 10/07/2021 7.5	HA-160-5 10/07/2021 9
CCR Title 22 Metals (mg/kg)																	
Antimony		160	150	500	--	72	27	--	62	29	20	55	--	54	12	21	13
Arsenic		0.31	50	500	100	8.9	6.1	--	7.6	9.4	4.6	9.7	--	10	3.7	4.5	14
Barium		220000	1000	10000	2000	90	250	--	50	150	45	140	--	73	58	81	57
Beryllium		230	7.5	75	--	2.2	1.1	--	1.8	1.2	0.87	1.7	--	1.8	0.63	0.96	0.65
Cadmium		1100	10	100	20	< 0.20	< 0.20	--	< 0.20	< 0.21	< 0.19	< 0.20	--	< 0.20	< 0.19	< 0.19	0.28
Chromium		--	50	2500	100	180	91	--	160	81	71	160	--	210	61	58	49
Chromium VI (Hexavalent)		6.2	50	500	--	--	--	--	--	--	--	--	--	< 0.80	--	--	--
Cobalt		350	800	8000	--	23	15	--	24	19	11	21	--	25	6.5	8.9	5.2
Copper		47000	250	2500	--	40	24	--	36	39	12	39	--	44	7.3	15	23
Lead		320	50	1000	100	8.4	16	--	6	14	5.4	11	--	9.8	5.1	6.6	51
Mercury		190	2	20	4	0.039	0.051	--	0.048	0.04	0.047	0.055	--	0.043	0.094	0.12	0.32
Molybdenum		5800	3500	3500	--	< 2.0	< 2.0	--	< 2.0	< 2.1	< 1.9	< 2.0	--	< 2.0	< 1.9	< 1.9	< 2.0
Nickel		11000	200	2000	--	210	120	--	220	110	60	190	--	280	32	55	40
Selenium		5800	10	100	20	< 2.0	< 2.0	--	< 2.0	< 2.1	< 1.9	< 2.0	--	< 2.0	< 1.9	< 1.9	< 2.0
Silver		5800	50	500	100	< 0.50	< 0.49	--	< 0.51	< 0.52	< 0.48	< 0.51	--	< 0.50	< 0.48	< 0.48	< 0.49
Thallium		12	70	700	--	3	< 2.0	--	3.3	< 2.1	< 1.9	2.2	--	3.2	< 1.9	< 1.9	< 2.0
Vanadium		5800	240	2400	--	83	53	--	77	50	46	58	--	69	39	41	38
Zinc		350000	2500	5000	--	60	50	--	62	77	24	73	--	73	17	34	160
STLC (mg/L)																	
Chromium		--	5 ^a	--	--	--	--	--	--	--	--	--	--	0.10	--	--	--
Lead		--	5 ^a	--	--	--	--	--	--	--	--	--	--	--	--	--	1.2
Nickel		--	20 ^a	--	--	--	--	--	--	--	--	--	--	0.91	--	--	--
TCLP (mg/L)																	
Chromium		--	--	--	5 ^b	--	--	--	--	--	--	--	--	< 0.10	--	--	--
Total Petroleum Hydrocarbons (mg/kg)																	
Total Petroleum Hydrocarbons (>C28-C40) as Motor Oil		180000	--	--	--	< 4.9	< 4.9	< 4.9	< 4.9	< 5.0	< 4.8	55	--	< 4.9	< 4.9	< 5.0	< 4.9
Total Petroleum Hydrocarbons (C10-C28) as Diesel		1200	--	--	--	< 0.97	< 0.98	< 0.98	< 0.97	< 1.0	< 0.97	4.2	--	1	< 0.99	< 1.0	< 0.98
Total Petroleum Hydrocarbons (C4-C12) as Gasoline		2000	--	--	--	< 0.41	< 0.48	< 0.81	< 0.36	< 0.44	< 0.73	< 0.80	< 0.40	< 0.37	< 0.47	< 0.43	< 0.46
Volatile Organic Compounds (µg/kg)																	
1,1,1,2-Tetrachloroethane		8900	--	--	--	< 3.9	< 5.3	< 5.1	< 3.6	< 3.6	< 4.5	< 7.6	< 4.7	< 4.2	< 4.7	< 4.3	< 4.6
1,1,1-Trichloroethane		7.30E+06	--	--	--	< 3.9	< 5.3	< 5.1	< 3.6	< 3.6	< 4.5	< 7.6	< 4.7	< 4.2	< 4.7	< 4.3	< 4.6
1,1,2,2-Tetrachloroethane		2700	--	--	--	< 3.9	< 5.3	< 5.1	< 3.6	< 3.6	< 4.5	< 7.6	< 4.7	< 4.2	< 4.7	< 4.3	< 4.6
1,1,2-Trichloroethane		5100	--	--	--	< 3.9	< 5.3	< 5.1	< 3.6	< 3.6	< 4.5	< 7.6	< 4.7	< 4.2	< 4.7	< 4.3	< 4.6
1,1-Dichloroethane		16000	--	--	--	< 3.9	< 5.3	< 5.1	< 3.6	< 3.6	< 4.5	< 7.6	< 4.7	< 4.2	< 4.7	< 4.3	< 4.6
1,1-Dichloroethene		350000	--	--	14000	< 3.9	< 5.3	< 5.1	< 3.6	< 3.6	< 4.5	< 7.6	< 4.7	< 4.2	< 4.7	< 4.3	< 4.6
1,1-Dichloropropene		--	--	--	--	< 3.9	< 5.3	< 5.1	< 3.6	< 3.6	< 4.5	< 7.6	< 4.7	< 4.2	< 4.7	< 4.3	< 4.6

	Location Sample Date Sample Depth (ft bgs)	Commercial/ Industrial ESL	10x STLC	TTLC	20x TCLP	HA-160-1 10/08/2021 1.5	HA-160-1 10/08/2021 4	HA-160-1 10/08/2021 10.5	HA-160-2 10/08/2021 2.5	HA-160-2 10/08/2021 4.5	HA-160-3 10/08/2021 1.5	HA-160-3 10/08/2021 4	HA-160-3 10/08/2021 10	HA-160-4 10/08/2021 1.5	HA-160-4 10/08/2021 4	HA-160-5 10/07/2021 7.5	HA-160-5 10/07/2021 9
1,2,3-Trichlorobenzene	--	--	--	--	--	< 3.9	< 5.3	< 5.1	< 3.6	< 3.6	< 4.5	< 7.6	< 4.7	< 4.2	< 4.7	< 4.3	< 4.6
1,2,3-Trichloropropane	110	--	--	--	--	< 3.9	< 5.3	< 5.1	< 3.6	< 3.6	< 4.5	< 7.6	< 4.7	< 4.2	< 4.7	< 4.3	< 4.6
1,2,4-Trichlorobenzene	110000	--	--	--	--	< 3.9	< 5.3	< 5.1	< 3.6	< 3.6	< 4.5	< 7.6	< 4.7	< 4.2	< 4.7	< 4.3	< 4.6
1,2,4-Trimethylbenzene	--	--	--	--	--	< 3.9	< 5.3	30	< 3.6	< 3.6	< 4.5	< 7.6	< 4.7	< 4.2	< 4.7	< 4.3	< 4.6
1,2-Dibromo-3-chloropropane (DBCP)	59	--	--	10000	--	< 7.8	< 11	< 10	< 7.2	< 7.3	< 9.1	< 15	< 9.4	< 8.4	< 9.5	< 8.6	< 9.2
1,2-Dibromoethane (Ethylene Dibromide)	160	--	--	--	--	< 7.8	< 11	< 10	< 7.2	< 7.3	< 9.1	< 15	< 9.4	< 8.4	< 9.5	< 8.6	< 9.2
1,2-Dichlorobenzene	9.40E+06	--	--	--	--	< 3.9	< 5.3	< 5.1	< 3.6	< 3.6	< 4.5	< 7.6	< 4.7	< 4.2	< 4.7	< 4.3	< 4.6
1,2-Dichloroethane	2100	--	--	--	10000	< 3.9	< 5.3	< 5.1	< 3.6	< 3.6	< 4.5	< 7.6	< 4.7	< 4.2	< 4.7	< 4.3	< 4.6
1,2-Dichloropropane	4400	--	--	--	--	< 3.9	< 5.3	< 5.1	< 3.6	< 3.6	< 4.5	< 7.6	< 4.7	< 4.2	< 4.7	< 4.3	< 4.6
1,3,5-Trimethylbenzene	--	--	--	--	--	< 3.9	< 5.3	9.7	< 3.6	< 3.6	< 4.5	< 7.6	< 4.7	< 4.2	< 4.7	< 4.3	< 4.6
1,3-Dichlorobenzene	--	--	--	--	--	< 3.9	< 5.3	< 5.1	< 3.6	< 3.6	< 4.5	< 7.6	< 4.7	< 4.2	< 4.7	< 4.3	< 4.6
1,3-Dichloropropane	--	--	--	--	--	< 3.9	< 5.3	< 5.1	< 3.6	< 3.6	< 4.5	< 7.6	< 4.7	< 4.2	< 4.7	< 4.3	< 4.6
1,4-Dichlorobenzene	12000	--	--	--	150000	< 3.9	< 5.3	< 5.1	< 3.6	< 3.6	< 4.5	< 7.6	< 4.7	< 4.2	< 4.7	< 4.3	< 4.6
2,2-Dichloropropane	--	--	--	--	--	< 3.9	< 5.3	< 5.1	< 3.6	< 3.6	< 4.5	< 7.6	< 4.7	< 4.2	< 4.7	< 4.3	< 4.6
2-Butanone (Methyl Ethyl Ketone)	2.00E+08	--	--	--	4.00E+06	< 7.8	< 11	< 10	< 7.2	< 7.3	< 9.1	< 15	< 9.4	< 8.4	< 9.5	< 8.6	16
2-Chlorotoluene	--	--	--	--	--	< 3.9	< 5.3	< 5.1	< 3.6	< 3.6	< 4.5	< 7.6	< 4.7	< 4.2	< 4.7	< 4.3	< 4.6
2-Hexanone	--	--	--	--	--	< 7.8	< 11	< 10	< 7.2	< 7.3	< 9.1	< 15	< 9.4	< 8.4	< 9.5	< 8.6	< 9.2
2-Phenylbutane (sec-Butylbenzene)	--	--	--	--	--	< 3.9	< 5.3	< 5.1	< 3.6	< 3.6	< 4.5	< 7.6	< 4.7	< 4.2	< 4.7	< 4.3	< 4.6
4-Chlorotoluene	--	--	--	--	--	< 3.9	< 5.3	< 5.1	< 3.6	< 3.6	< 4.5	< 7.6	< 4.7	< 4.2	< 4.7	< 4.3	< 4.6
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	1.40E+08	--	--	--	--	< 7.8	< 11	< 10	< 7.2	< 7.3	< 9.1	< 15	< 9.4	< 8.4	< 9.5	< 8.6	< 9.2
Acetone	6.70E+08	--	--	--	--	< 16	< 21	< 20	< 14	< 15	< 18	< 30	< 19	< 17	< 19	< 17	94
Benzene	1400	--	--	--	10000	< 3.9	< 5.3	11	< 3.6	< 3.6	< 4.5	< 7.6	< 4.7	< 4.2	< 4.7	< 4.3	< 4.6
Bromobenzene	--	--	--	--	--	< 3.9	< 5.3	< 5.1	< 3.6	< 3.6	< 4.5	< 7.6	< 4.7	< 4.2	< 4.7	< 4.3	< 4.6
Bromodichloromethane	1300	--	--	--	--	< 3.9	< 5.3	< 5.1	< 3.6	< 3.6	< 4.5	< 7.6	< 4.7	< 4.2	< 4.7	< 4.3	< 4.6
Bromoform	80000	--	--	--	--	< 3.9	< 5.3	< 5.1	< 3.6	< 3.6	< 4.5	< 7.6	< 4.7	< 4.2	< 4.7	< 4.3	< 4.6
Bromomethane (Methyl Bromide)	30000	--	--	--	--	< 3.9	< 5.3	< 5.1	< 3.6	< 3.6	< 4.5	< 7.6	< 4.7	< 4.2	< 4.7	< 4.3	< 4.6
Carbon disulfide	--	--	--	--	--	< 7.8	< 11	< 10	< 7.2	< 7.3	< 9.1	< 15	< 9.4	< 8.4	< 9.5	< 8.6	< 9.2
Carbon tetrachloride	2700	--	--	--	10000	< 3.9	< 5.3	< 5.1	< 3.6	< 3.6	< 4.5	< 7.6	< 4.7	< 4.2	< 4.7	< 4.3	< 4.6
Chlorobenzene	1.30E+06	--	--	--	2.00E+06	< 3.9	< 5.3	< 5.1	< 3.6	< 3.6	< 4.5	< 7.6	< 4.7	< 4.2	< 4.7	< 4.3	< 4.6
Chlorobromomethane	--	--	--	--	--	< 3.9	< 5.3	< 5.1	< 3.6	< 3.6	< 4.5	< 7.6	< 4.7	< 4.2	< 4.7	< 4.3	< 4.6
Chloroethane	5.90E+07	--	--	--	--	< 3.9	< 5.3	< 5.1	< 3.6	< 3.6	< 4.5	< 7.6	< 4.7	< 4.2	< 4.7	< 4.3	< 4.6
Chloroform (Trichloromethane)	1400	--	--	--	120000	< 3.9	< 5.3	< 5.1	< 3.6	< 3.6	< 4.5	< 7.6	< 4.7	< 4.2	< 4.7	< 4.3	< 4.6
Chloromethane (Methyl Chloride)	470000	--	--	--	--	< 3.9	< 5.3	< 5.1	< 3.6	< 3.6	< 4.5	< 7.6	< 4.7	< 4.2	< 4.7	< 4.3	< 4.6
cis-1,2-Dichloroethene	85000	--	--	--	--	< 3.9	< 5.3	< 5.1	< 3.6	< 3.6	< 4.5	< 7.6	7.1	< 4.2	< 4.7	18	< 4.6
cis-1,3-Dichloropropene	--	--	--	--	--	< 3.9	< 5.3	< 5.1	< 3.6	< 3.6	< 4.5	< 7.6	< 4.7	< 4.2	< 4.7	< 4.3	< 4.6
Cymene (p-Isopropyltoluene)	--	--	--	--	--	< 3.9	< 5.3	< 5.1	< 3.6	< 3.6	< 4.5	< 7.6	< 4.7	< 4.2	< 4.7	< 4.3	< 4.6
Dibromochloromethane	39000	--	--	--	--	< 3.9	< 5.3	< 5.1	< 3.6	< 3.6	< 4.5	< 7.6	< 4.7	< 4.2	< 4.7	< 4.3	< 4.6
Dibromomethane	--	--	--	--	--	< 3.9	< 5.3	< 5.1	< 3.6	< 3.6	< 4.5	< 7.6	< 4.7	< 4.2	< 4.7	< 4.3	< 4.6
Dichlorodifluoromethane (CFC-12)	--	--	--	--	--	< 3.9	< 5.3	< 5.1	< 3.6	< 3.6	< 4.5	< 7.6	< 4.7	< 4.2	< 4.7	< 4.3	< 4.6
Ethylbenzene	26000	--	--	--	--	< 3.9	< 5.3	24	< 3.6	< 3.6	< 4.5	< 7.6	< 4.7	< 4.2	< 4.7	< 4.3	< 4.6
Hexachlorobutadiene	5300	--	--	--	10000	< 3.9	< 5.3	< 5.1	< 3.6	< 3.6	< 4.5	< 7.6	< 4.7	< 4.2	< 4.7	< 4.3	< 4.6
Isopropylbenzene (Cumene)	--	--	--	--	--	< 3.9	< 5.3	< 5.1	< 3.6	< 3.6	< 4.5	< 7.6	< 4.7	< 4.2	< 4.7	< 4.3	< 4.6

	Location Sample Date Sample Depth (ft bgs)	Commercial/ Industrial ESL	10x STLC	TTLc	20x TCLP	HA-160-1 10/08/2021 1.5	HA-160-1 10/08/2021 4	HA-160-1 10/08/2021 10.5	HA-160-2 10/08/2021 2.5	HA-160-2 10/08/2021 4.5	HA-160-3 10/08/2021 1.5	HA-160-3 10/08/2021 4	HA-160-3 10/08/2021 10	HA-160-4 10/08/2021 1.5	HA-160-4 10/08/2021 4	HA-160-5 10/07/2021 7.5	HA-160-5 10/07/2021 9
m,p-Xylenes	--	--	--	--	--	< 3.9	< 5.3	78	< 3.6	< 3.6	< 4.5	< 7.6	< 4.7	< 4.2	< 4.7	< 4.3	< 4.6
Methyl Tert Butyl Ether (MTBE)	210000	--	--	--	--	< 7.8	< 11	< 10	< 7.2	< 7.3	< 9.1	< 15	< 9.4	< 8.4	< 9.5	< 8.6	< 9.2
Methylene chloride (Dichloromethane)	25000	--	--	--	--	< 7.8	< 11	< 10	< 7.2	< 7.3	< 9.1	< 15	< 9.4	< 8.4	< 9.5	< 8.6	< 9.2
Naphthalene	17000	--	--	--	--	< 3.9	< 5.3	< 5.1	< 3.6	< 3.6	< 4.5	< 7.6	< 4.7	< 4.2	< 4.7	< 4.3	< 4.6
n-Butylbenzene	--	--	--	--	--	< 3.9	< 5.3	< 5.1	< 3.6	< 3.6	< 4.5	< 7.6	< 4.7	< 4.2	< 4.7	< 4.3	< 4.6
n-Propylbenzene	--	--	--	--	--	< 3.9	< 5.3	5.7	< 3.6	< 3.6	< 4.5	< 7.6	< 4.7	< 4.2	< 4.7	< 4.3	< 4.6
o-Xylene	--	--	--	--	--	< 3.9	< 5.3	28	< 3.6	< 3.6	< 4.5	< 7.6	< 4.7	< 4.2	< 4.7	< 4.3	< 4.6
Styrene	3.30E+07	--	--	--	--	< 3.9	< 5.3	< 5.1	< 3.6	< 3.6	< 4.5	< 7.6	< 4.7	< 4.2	< 4.7	< 4.3	< 4.6
tert-Butylbenzene	--	--	--	--	--	< 3.9	< 5.3	< 5.1	< 3.6	< 3.6	< 4.5	< 7.6	< 4.7	< 4.2	< 4.7	< 4.3	< 4.6
Tetrachloroethene	2700	--	--	--	14000	< 3.9	< 5.3	< 5.1	< 3.6	< 3.6	< 4.5	< 7.6	< 4.7	< 4.2	< 4.7	140	< 4.6
Toluene	5.30E+06	--	--	--	--	< 3.9	< 5.3	100	< 3.6	< 3.6	< 4.5	< 7.6	< 4.7	< 4.2	< 4.7	< 4.3	< 4.6
trans-1,2-Dichloroethene	600000	--	--	--	--	< 3.9	< 5.3	< 5.1	< 3.6	< 3.6	< 4.5	< 7.6	< 4.7	< 4.2	< 4.7	< 4.3	< 4.6
trans-1,3-Dichloropropene	--	--	--	--	--	< 3.9	< 5.3	< 5.1	< 3.6	< 3.6	< 4.5	< 7.6	< 4.7	< 4.2	< 4.7	< 4.3	< 4.6
Trichloroethene	6100	--	--	2.04E+06	10000	< 3.9	< 5.3	< 5.1	< 3.6	< 3.6	< 4.5	< 7.6	< 4.7	< 4.2	< 4.7	92	< 4.6
Trichlorofluoromethane (CFC-11)	--	--	--	--	--	< 3.9	< 5.3	< 5.1	< 3.6	< 3.6	< 4.5	< 7.6	< 4.7	< 4.2	< 4.7	< 4.3	< 4.6
Trifluorotrichloroethane (Freon 113)	--	--	--	--	--	< 7.8	< 11	< 10	< 7.2	< 7.3	< 9.1	< 15	< 9.4	< 8.4	< 9.5	< 8.6	< 9.2
Vinyl acetate	--	--	--	--	--	< 7.8	< 11	< 10	< 7.2	< 7.3	< 9.1	< 15	< 9.4	< 8.4	< 9.5	< 8.6	< 9.2
Vinyl chloride	150	--	--	10000	4000	< 3.9	< 5.3	< 5.1	< 3.6	< 3.6	< 4.5	< 7.6	< 4.7	< 4.2	< 4.7	< 4.3	< 4.6
Xylene (total)	2.50E+06	--	--	--	--	< 3.9	< 5.3	110	< 3.6	< 3.6	< 4.5	< 7.6	< 4.7	< 4.2	< 4.7	< 4.3	< 4.6

TABLE 5
SUMMARY OF ANALYTICAL RESULTS - 160 AND 180 SYLVESTER ROAD, SOIL
SOUTH SAN FRANCISCO, CALIFORNIA

	Location Sample Date Sample Depth (ft bgs)	Commercial/ Industrial ESL	10x STLC	TTLC	20x TCLP	HA-160-6 10/07/2021 9	HA-180-1 10/08/2021 2.5	HA-180-1 10/08/2021 4.5	HA-180-1 10/08/2021 13	HA-180-2 10/08/2021 2.5	HA-180-2 10/08/2021 4.5
CCR Title 22 Metals (mg/kg)											
Antimony		160	150	500	--	56	11	40	--	12	46
Arsenic		0.31	50	500	100	6.2	5.8	3.4	--	4.3	3.5
Barium		220000	1000	10000	2000	150	50	87	--	47	110
Beryllium		230	7.5	75	--	1.7	0.68	1.3	--	0.62	1.6
Cadmium		1100	10	100	20	< 0.19	< 0.20	< 0.19	--	< 0.21	< 0.20
Chromium		--	50	2500	100	150	44	77	--	38	81
Chromium VI (Hexavalent)		6.2	50	500	--	--	--	--	--	--	--
Cobalt		350	800	8000	--	26	8.6	17	--	5.5	21
Copper		47000	250	2500	--	39	9.1	32	--	7.3	31
Lead		320	50	1000	100	7.1	3.7	5.8	--	2.9	8
Mercury		190	2	20	4	0.051	0.044	0.053	--	0.046	0.057
Molybdenum		5800	3500	3500	--	< 1.9	< 2.0	< 1.9	--	< 2.1	< 2.0
Nickel		11000	200	2000	--	210	43	77	--	40	78
Selenium		5800	10	100	20	< 1.9	< 2.0	< 1.9	--	< 2.1	< 2.0
Silver		5800	50	500	100	< 0.48	< 0.49	< 0.48	--	< 0.52	< 0.50
Thallium		12	70	700	--	2.4	< 2.0	2.9	--	< 2.1	4.1
Vanadium		5800	240	2400	--	84	29	83	--	26	110
Zinc		350000	2500	5000	--	60	25	46	--	21	54
STLC (mg/L)											
Chromium		--	5 ^a	--	--	--	--	--	--	--	--
Lead		--	5 ^a	--	--	--	--	--	--	--	--
Nickel		--	20 ^a	--	--	--	--	--	--	--	--
TCLP (mg/L)											
Chromium		--	--	--	5 ^b	--	--	--	--	--	--
Total Petroleum Hydrocarbons (mg/kg)											
Total Petroleum Hydrocarbons (>C28-C40) as Motor Oil		180000	--	--	--	< 4.8	5	13	< 4.9	< 5.0	< 4.9
Total Petroleum Hydrocarbons (C10-C28) as Diesel		1200	--	--	--	< 0.97	5.4	3.1	< 0.99	< 1.0	1.1
Total Petroleum Hydrocarbons (C4-C12) as Gasoline		2000	--	--	--	< 0.44	< 0.45	< 0.51	< 0.56	< 0.47	< 0.73
Volatile Organic Compounds (µg/kg)											
1,1,1,2-Tetrachloroethane		8900	--	--	--	< 4.4	< 4.0	< 5.1	< 7.6	< 4.7	< 7.3
1,1,1-Trichloroethane		7.30E+06	--	--	--	< 4.4	< 4.0	< 5.1	< 7.6	< 4.7	< 7.3
1,1,2,2-Tetrachloroethane		2700	--	--	--	< 4.4	< 4.0	< 5.1	< 7.6	< 4.7	< 7.3
1,1,2-Trichloroethane		5100	--	--	--	< 4.4	< 4.0	< 5.1	< 7.6	< 4.7	< 7.3
1,1-Dichloroethane		16000	--	--	--	< 4.4	< 4.0	< 5.1	< 7.6	< 4.7	< 7.3
1,1-Dichloroethene		350000	--	--	14000	< 4.4	< 4.0	< 5.1	< 7.6	< 4.7	< 7.3
1,1-Dichloropropene		--	--	--	--	< 4.4	< 4.0	< 5.1	< 7.6	< 4.7	< 7.3

TABLE 5
SUMMARY OF ANALYTICAL RESULTS - 160 AND 180 SYLVESTER ROAD, SOIL
SOUTH SAN FRANCISCO, CALIFORNIA

	Location Sample Date Sample Depth (ft bgs)	Commercial/ Industrial ESL	10x STLC	TTLC	20x TCLP	HA-160-6 10/07/2021 9	HA-180-1 10/08/2021 2.5	HA-180-1 10/08/2021 4.5	HA-180-1 10/08/2021 13	HA-180-2 10/08/2021 2.5	HA-180-2 10/08/2021 4.5
1,2,3-Trichlorobenzene		--	--	--	--	< 4.4	< 4.0	< 5.1	< 7.6	< 4.7	< 7.3
1,2,3-Trichloropropane		110	--	--	--	< 4.4	< 4.0	< 5.1	< 7.6	< 4.7	< 7.3
1,2,4-Trichlorobenzene		110000	--	--	--	< 4.4	< 4.0	< 5.1	< 7.6	< 4.7	< 7.3
1,2,4-Trimethylbenzene		--	--	--	--	< 4.4	< 4.0	< 5.1	< 7.6	< 4.7	< 7.3
1,2-Dibromo-3-chloropropane (DBCP)		59	--	10000	--	< 8.8	< 8.0	< 10	< 15	< 9.4	< 15
1,2-Dibromoethane (Ethylene Dibromide)		160	--	--	--	< 8.8	< 8.0	< 10	< 15	< 9.4	< 15
1,2-Dichlorobenzene		9.40E+06	--	--	--	< 4.4	< 4.0	< 5.1	< 7.6	< 4.7	< 7.3
1,2-Dichloroethane		2100	--	--	10000	< 4.4	< 4.0	< 5.1	< 7.6	< 4.7	< 7.3
1,2-Dichloropropane		4400	--	--	--	< 4.4	< 4.0	< 5.1	< 7.6	< 4.7	< 7.3
1,3,5-Trimethylbenzene		--	--	--	--	< 4.4	< 4.0	< 5.1	< 7.6	< 4.7	< 7.3
1,3-Dichlorobenzene		--	--	--	--	< 4.4	< 4.0	< 5.1	< 7.6	< 4.7	< 7.3
1,3-Dichloropropane		--	--	--	--	< 4.4	< 4.0	< 5.1	< 7.6	< 4.7	< 7.3
1,4-Dichlorobenzene		12000	--	--	150000	< 4.4	< 4.0	< 5.1	< 7.6	< 4.7	< 7.3
2,2-Dichloropropane		--	--	--	--	< 4.4	< 4.0	< 5.1	< 7.6	< 4.7	< 7.3
2-Butanone (Methyl Ethyl Ketone)		2.00E+08	--	--	4.00E+06	< 8.8	< 8.0	< 10	51	< 9.4	< 15
2-Chlorotoluene		--	--	--	--	< 4.4	< 4.0	< 5.1	< 7.6	< 4.7	< 7.3
2-Hexanone		--	--	--	--	< 8.8	< 8.0	< 10	< 15	< 9.4	< 15
2-Phenylbutane (sec-Butylbenzene)		--	--	--	--	< 4.4	< 4.0	< 5.1	< 7.6	< 4.7	< 7.3
4-Chlorotoluene		--	--	--	--	< 4.4	< 4.0	< 5.1	< 7.6	< 4.7	< 7.3
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)		1.40E+08	--	--	--	< 8.8	< 8.0	< 10	< 15	< 9.4	< 15
Acetone		6.70E+08	--	--	--	< 18	< 16	< 21	220	< 19	< 29
Benzene		1400	--	--	10000	< 4.4	< 4.0	< 5.1	< 7.6	< 4.7	< 7.3
Bromobenzene		--	--	--	--	< 4.4	< 4.0	< 5.1	< 7.6	< 4.7	< 7.3
Bromodichloromethane		1300	--	--	--	< 4.4	< 4.0	< 5.1	< 7.6	< 4.7	< 7.3
Bromoform		80000	--	--	--	< 4.4	< 4.0	< 5.1	< 7.6	< 4.7	< 7.3
Bromomethane (Methyl Bromide)		30000	--	--	--	< 4.4	< 4.0	< 5.1	< 7.6	< 4.7	< 7.3
Carbon disulfide		--	--	--	--	< 8.8	< 8.0	< 10	< 15	< 9.4	< 15
Carbon tetrachloride		2700	--	--	10000	< 4.4	< 4.0	< 5.1	< 7.6	< 4.7	< 7.3
Chlorobenzene		1.30E+06	--	--	2.00E+06	< 4.4	< 4.0	< 5.1	< 7.6	< 4.7	< 7.3
Chlorobromomethane		--	--	--	--	< 4.4	< 4.0	< 5.1	< 7.6	< 4.7	< 7.3
Chloroethane		5.90E+07	--	--	--	< 4.4	< 4.0	< 5.1	< 7.6	< 4.7	< 7.3
Chloroform (Trichloromethane)		1400	--	--	120000	< 4.4	< 4.0	< 5.1	< 7.6	< 4.7	< 7.3
Chloromethane (Methyl Chloride)		470000	--	--	--	< 4.4	< 4.0	< 5.1	< 7.6	< 4.7	< 7.3
cis-1,2-Dichloroethene		85000	--	--	--	< 4.4	< 4.0	< 5.1	< 7.6	< 4.7	< 7.3
cis-1,3-Dichloropropene		--	--	--	--	< 4.4	< 4.0	< 5.1	< 7.6	< 4.7	< 7.3
Cymene (p-Isopropyltoluene)		--	--	--	--	< 4.4	< 4.0	< 5.1	< 7.6	< 4.7	< 7.3
Dibromochloromethane		39000	--	--	--	< 4.4	< 4.0	< 5.1	< 7.6	< 4.7	< 7.3
Dibromomethane		--	--	--	--	< 4.4	< 4.0	< 5.1	< 7.6	< 4.7	< 7.3
Dichlorodifluoromethane (CFC-12)		--	--	--	--	< 4.4	< 4.0	< 5.1	< 7.6	< 4.7	< 7.3
Ethylbenzene		26000	--	--	--	< 4.4	< 4.0	< 5.1	< 7.6	< 4.7	< 7.3
Hexachlorobutadiene		5300	--	--	10000	< 4.4	< 4.0	< 5.1	< 7.6	< 4.7	< 7.3
Isopropylbenzene (Cumene)		--	--	--	--	< 4.4	< 4.0	< 5.1	< 7.6	< 4.7	< 7.3

TABLE 5
SUMMARY OF ANALYTICAL RESULTS - 160 AND 180 SYLVESTER ROAD, SOIL
SOUTH SAN FRANCISCO, CALIFORNIA

	Location Sample Date Sample Depth (ft bgs)	Commercial/ Industrial ESL	10x STLC	TTLC	20x TCLP	HA-160-6 10/07/2021 9	HA-180-1 10/08/2021 2.5	HA-180-1 10/08/2021 4.5	HA-180-1 10/08/2021 13	HA-180-2 10/08/2021 2.5	HA-180-2 10/08/2021 4.5
m,p-Xylenes		--	--	--	--	< 4.4	< 4.0	< 5.1	< 7.6	< 4.7	< 7.3
Methyl Tert Butyl Ether (MTBE)		210000	--	--	--	< 8.8	< 8.0	< 10	< 15	< 9.4	< 15
Methylene chloride (Dichloromethane)		25000	--	--	--	< 8.8	< 8.0	< 10	< 15	< 9.4	< 15
Naphthalene		17000	--	--	--	< 4.4	< 4.0	< 5.1	< 7.6	< 4.7	< 7.3
n-Butylbenzene		--	--	--	--	< 4.4	< 4.0	< 5.1	< 7.6	< 4.7	< 7.3
n-Propylbenzene		--	--	--	--	< 4.4	< 4.0	< 5.1	< 7.6	< 4.7	< 7.3
o-Xylene		--	--	--	--	< 4.4	< 4.0	< 5.1	< 7.6	< 4.7	< 7.3
Styrene		3.30E+07	--	--	--	< 4.4	< 4.0	< 5.1	< 7.6	< 4.7	< 7.3
tert-Butylbenzene		--	--	--	--	< 4.4	< 4.0	< 5.1	< 7.6	< 4.7	< 7.3
Tetrachloroethene		2700	--	--	14000	< 4.4	< 4.0	< 5.1	< 7.6	< 4.7	< 7.3
Toluene		5.30E+06	--	--	--	< 4.4	< 4.0	< 5.1	< 7.6	< 4.7	< 7.3
trans-1,2-Dichloroethene		600000	--	--	--	< 4.4	< 4.0	< 5.1	< 7.6	< 4.7	< 7.3
trans-1,3-Dichloropropene		--	--	--	--	< 4.4	< 4.0	< 5.1	< 7.6	< 4.7	< 7.3
Trichloroethene		6100	--	2.04E+06	10000	< 4.4	< 4.0	14	< 7.6	< 4.7	18
Trichlorofluoromethane (CFC-11)		--	--	--	--	< 4.4	< 4.0	< 5.1	< 7.6	< 4.7	< 7.3
Trifluorotrichloroethane (Freon 113)		--	--	--	--	< 8.8	< 8.0	< 10	< 15	< 9.4	< 15
Vinyl acetate		--	--	--	--	< 8.8	< 8.0	< 10	< 15	< 9.4	< 15
Vinyl chloride		150	--	10000	4000	< 4.4	< 4.0	< 5.1	< 7.6	< 4.7	< 7.3
Xylene (total)		2.50E+06	--	--	--	< 4.4	< 4.0	< 5.1	< 7.6	< 4.7	< 7.3

Notes:
mg/kg = milligrams per kilogram
µg/kg = micrograms per kilogram
mg/L = milligrams per liter
ft bgs = feet below ground surface
ESL = environmental screening level established by the San Francisco Bay Regional Water Quality Control Board, dated July 2019 (Rev 2)
STLC = Soluble Threshold Limit Concentration
TTLC = Total Threshold Limit Concentrations
TCLP = Toxicity Characteristic Leaching Procedure
Bold values indicate the constituent was detected at or above laboratory reporting limits.
<xx = indicates the constituent was not detected at or above the laboratory reporting limit of xx.
a = value listed is STLC
b = value listed is TCLP
Highlight indicates the detected concentration exceeds the direct exposure human health ESL for commercial/industrial properties
Highlight indicates the detected concentration exceeds 10-times the California Code of Regulations Title 22 STLC
Highlight indicates the detected concentration exceeds the California Code of Regulations Title 22 TTLC
Highlight indicates the detected concentration exceeds 20-times the Federal Resource Conservation and Recovery Act TCLP

TABLE 6
SUMMARY OF ANALYTICAL RESULTS - 160 AND 180 SYLVESTER ROAD, GROUNDWATER
SOUTH SAN FRANCISCO, CALIFORNIA

	Location	Commercial/ Industrial Vapor Intrusion ESL	HA-160-1 10/08/2021 Grab	HA-160-3 10/08/2021 Grab	HA-160-5 10/07/2021 Grab	HA-160-6 10/07/2021 Grab	HA-180-1 10/08/2021 Grab	MW-5 10/11/2021 Well	MW-6 10/11/2021 Well	MW-7 10/11/2021 Well	MW-8 10/11/2021 Well
	Sample Date										
	Sample Type										
Volatile Organic Compounds (µg/L)											
1,1,1,2-Tetrachloroethane		17	< 1.0	< 0.50	< 0.50	< 0.50	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
1,1,1-Trichloroethane		6300	< 1.0	< 0.50	0.98	< 0.50	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
1,1,2,2-Tetrachloroethane		14	< 1.0	< 0.50	< 0.50	< 0.50	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
1,1,2-Trichloroethane		23	< 1.0	< 0.50	< 0.50	< 0.50	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
1,1-Dichloroethane		33	< 1.0	< 0.50	6.6	< 0.50	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
1,1-Dichloroethene		280	< 1.0	< 0.50	0.73	< 0.50	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
1,1-Dichloropropene		--	< 1.0	< 0.50	< 0.50	< 0.50	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
1,2,3-Trichlorobenzene		--	< 2.0	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2,3-Trichloropropane		94	< 2.0	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2,4-Trichlorobenzene		150	< 2.0	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2,4-Trimethylbenzene		--	< 2.0	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dibromo-3-chloropropane (DBCP)		0.34	< 2.0	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dibromoethane (Ethylene Dibromide)		0.76	< 1.0	< 0.50	< 0.50	< 0.50	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
1,2-Dichlorobenzene		11000	< 1.0	< 0.50	< 0.50	< 0.50	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
1,2-Dichloroethane		9.8	< 1.0	< 0.50	< 0.50	< 0.50	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
1,2-Dichloropropane		10	< 1.0	< 0.50	< 0.50	< 0.50	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
1,3,5-Trimethylbenzene		--	< 1.0	< 0.50	< 0.50	< 0.50	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
1,3-Dichlorobenzene		--	< 1.0	< 0.50	< 0.50	< 0.50	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
1,3-Dichloropropane		--	< 2.0	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,4-Dichlorobenzene		11	< 1.0	< 0.50	< 0.50	< 0.50	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
2,2-Dichloropropane		--	< 2.0	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
2-Butanone (Methyl Ethyl Ketone)		9.50E+06	< 4.0	< 2.0	< 2.0	< 2.0	< 10	< 10	< 10	< 10	< 10
2-Chlorotoluene		--	< 1.0	< 0.50	< 0.50	< 0.50	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
2-Hexanone		--	< 4.0	< 2.0	< 2.0	< 2.0	< 10	< 10	< 10	< 10	< 10
2-Phenylbutane (sec-Butylbenzene)		--	< 2.0	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
4-Chlorotoluene		--	< 1.0	< 0.50	< 0.50	< 0.50	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)		2.30E+06	< 4.0	< 2.0	< 2.0	< 2.0	< 10	< 10	< 10	< 10	< 10
Acetone		9.70E+07	< 20	< 10	< 10	< 10	< 50	< 50	< 50	< 50	< 50
Benzene		1.8	< 1.0	< 0.50	< 0.50	< 0.50	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
Bromobenzene		--	< 2.0	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Bromodichloromethane		3.8	< 1.0	< 0.50	< 0.50	< 0.50	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
Bromoform		510	< 2.0	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Bromomethane (Methyl Bromide)		73	< 2.0	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Carbon disulfide		--	< 4.0	< 2.0	< 2.0	< 2.0	< 10	< 10	< 10	< 10	< 10
Carbon tetrachloride		1.9	< 1.0	< 0.50	< 0.50	< 0.50	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
Chlorobenzene		1700	< 1.0	< 0.50	< 0.50	< 0.50	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
Chlorobromomethane		--	< 2.0	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Chloroethane		97000	< 2.0	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Chloroform (Trichloromethane)		3.6	< 2.0	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Chloromethane (Methyl Chloride)		1100	< 2.0	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
cis-1,2-Dichloroethene		210	71	4.7	120	6.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
cis-1,3-Dichloropropene		--	< 1.0	< 0.50	< 0.50	< 0.50	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5

TABLE 6
SUMMARY OF ANALYTICAL RESULTS - 160 AND 180 SYLVESTER ROAD, GROUNDWATER
SOUTH SAN FRANCISCO, CALIFORNIA

	Location	Commercial/ Industrial Vapor Intrusion ESL	HA-160-1 10/08/2021	HA-160-3 10/08/2021	HA-160-5 10/07/2021	HA-160-6 10/07/2021	HA-180-1 10/08/2021	MW-5 10/11/2021	MW-6 10/11/2021	MW-7 10/11/2021	MW-8 10/11/2021
	Sample Date		Grab	Grab	Grab	Grab	Grab	Well	Well	Well	Well
	Sample Type										
Cymene (p-Isopropyltoluene)	--	--	< 2.0	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Dibromochloromethane	--	--	< 1.0	< 0.50	< 0.50	< 0.50	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
Dibromomethane	--	--	< 1.0	< 0.50	< 0.50	< 0.50	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
Dichlorodifluoromethane (CFC-12)	--	--	< 2.0	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	15	--	< 1.0	< 0.50	< 0.50	< 0.50	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
Hexachlorobutadiene	1.3	--	< 2.0	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Isopropylbenzene (Cumene)	--	--	< 1.0	< 0.50	< 0.50	< 0.50	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
m,p-Xylenes	--	--	< 1.0	< 0.50	< 0.50	< 0.50	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
Methyl Tert Butyl Ether (MTBE)	2000	--	< 1.0	< 0.50	< 0.50	< 0.50	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
Methylene chloride (Dichloromethane)	94	--	< 2.0	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Naphthalene	20	--	< 2.0	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
n-Butylbenzene	--	--	< 2.0	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
n-Propylbenzene	--	--	< 2.0	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
o-Xylene	--	--	< 1.0	< 0.50	< 0.50	< 0.50	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
Styrene	36000	--	< 1.0	< 0.50	< 0.50	< 0.50	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
tert-Butylbenzene	--	--	< 2.0	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Tetrachloroethene	2.8	--	< 1.0	< 0.50	18	< 0.50	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
Toluene	4900	--	< 1.0	< 0.50	< 0.50	< 0.50	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
trans-1,2-Dichloroethene	920	--	< 1.0	< 0.50	0.63	< 0.50	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
trans-1,3-Dichloropropene	--	--	< 1.0	< 0.50	< 0.50	< 0.50	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
Trichloroethene	7.5	--	2	< 0.50	20	< 0.50	5.6	< 2.5	< 2.5	< 2.5	< 2.5
Trichlorofluoromethane (CFC-11)	--	--	< 2.0	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Trifluorotrichloroethane (Freon 113)	--	--	< 1.0	< 0.50	< 0.50	< 0.50	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
Vinyl acetate	--	--	< 4.0	< 2.0	< 2.0	< 2.0	< 10	< 10	< 10	< 10	< 10
Vinyl chloride	0.14	--	1.8	1.1	19	< 0.50	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
Xylene (total)	1600	--	< 1.0	< 0.50	< 0.50	< 0.50	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5

Notes:
µg/L = micrograms per liter
ESL = environmental screening level established by the San Francisco Bay Regional Water Quality Control Board, dated July 2019 (Rev 2)
Bold values indicate the constituent was detected at or above laboratory reporting limits.
<xx = indicates the constituent was not detected at or above the laboratory reporting limit of xx.
Highlight indicates the detected concentration exceeds the vapor intrusion ESL for commercial/industrial properties

TABLE 7
SUMMARY OF ANALYTICAL RESULTS - 160 AND 180 SYLVESTER ROAD, SOIL VAPOR
SOUTH SAN FRANCISCO, CALIFORNIA

Location	Commercial/ Industrial	HA-160-1	HA-160-2	HA-160-3	HA-160-4	HA-160-5	HA-160-6	HA-180-1	HA-180-2
Sample Date	Vapor Intrusion ESL	10/12/2021	10/12/2021	10/12/2021	10/12/2021	10/11/2021	10/11/2021	10/13/2021	10/13/2021
Probe Depth (ft bgs)		4 - 5	4 - 5	4 - 5	4 - 5	4 - 5	4 - 5	4 - 5	4 - 5
Volatile Organic Compounds (µg/m³)									
1,1,1-Trichloroethane	150000	< 2.0	65.2	< 2.0	2,500	36,000	426	< 244	< 1,890
1,1,2,2-Tetrachloroethane	7	< 2.5	< 2.6	< 2.5	< 2.6	< 1,330	< 78.5	< 307	< 2,380
1,1,2-Trichloroethane	26	< 1.0	< 1.0	< 1.0	< 1.0	< 527	< 31.1	< 122	< 943
1,1-Dichloroethane	260	< 1.5	< 1.5	< 1.5	< 1.5	5,710	< 46.2	< 181	< 1,400
1,1-Dichloroethene	10000	< 1.5	< 1.5	< 1.5	1.5	1,030	< 45.2	< 177	< 1,370
1,2-Dichloroethane	16	< 1.5	< 1.5	< 1.5	< 1.5	< 782	< 46.2	< 181	< 1,400
1,2-Dichloropropane	41	< 1.7	< 1.7	< 1.7	< 1.7	< 892	< 52.7	< 206	< 1,600
Bromodichloromethane	11	< 2.4	< 2.5	< 2.4	< 2.5	< 1,290	< 76.3	< 299	< 2,310
Carbon tetrachloride	68	< 2.3	< 2.3	< 2.3	< 2.3	< 1,220	< 71.8	< 281	< 2,170
Chloroform (Trichloromethane)	18	< 0.89	6.7	1.8	13.5	< 471	< 27.8	< 109	< 843
cis-1,2-Dichloroethene	1200	15.1	< 1.5	13.9	< 1.5	14,700	< 45.2	< 177	< 1,370
cis-1,3-Dichloropropene	--	< 4.2	< 4.2	< 4.2	< 4.2	< 2,200	< 130	< 507	< 3,930
Tetrachloroethene	67	< 1.2	3.2	< 1.2	3,010	473,000	19,300	2,320	11,600
trans-1,2-Dichloroethene	12000	< 1.5	< 1.5	2.1	< 1.5	< 766	< 45.2	< 177	< 1,370
trans-1,3-Dichloropropene	--	< 4.2	< 4.2	< 4.2	< 4.2	< 2,200	< 130	< 507	< 3,930
Trichloroethene	100	2.4	8.1	26.6	55.1	137,000	90.6	38,200	438,000
Vinyl chloride	5.2	< 0.47	1.7	1	< 0.48	< 247	< 14.6	< 57.1	< 442
Other									
Helium (%)	--	--	--	< 3.6	--	--	--	--	--

Notes:
ft bgs = feet below ground surface
µg/m³ = micrograms per cubic meter
ESL = environmental screening level established by the San Francisco Bay Regional Water Quality Control Board, dated July 2019 (Rev 2)
Bold values indicate the constituent was detected at or above laboratory reporting limits.
<xx = indicates the constituent was not detected at or above the laboratory reporting limit of xx.
Highlight indicates the detected concentration exceeds the vapor intrusion ESL for commercial/industrial properties

FIGURES



GIS: \\haleyaldrich.com\share\CP\Projects\020394\GIS\Maps\2021_10\2020394_000_0001_PROJECT_LOCUS.mxd - philips - 11/4/2021 10:34:22 AM



MAP SOURCE: ESRI
SITE COORDINATES: 37°39'12"N, 122°24'17"W

**HALEY
ALDRICH**

T.C. NO. CAL. DEVELOPMENT, INC.
A DELAWARE CORPORATION
120 EAST GRAND AVENUE
145, 160 & 180 SYLVESTER ROAD
SOUTH SAN FRANCISCO, CALIFORNIA

PROJECT LOCUS

APPROXIMATE SCALE: 1 IN = 2000 FT
NOVEMBER 2021

FIGURE 1

C:\GIS\haleyaldrich.com\share\CF\Projects\0203394\GIS\Maps\2021_11\203394_000_0002_BORING_LOCATIONS.mxd - lphillips - 11/4/2021 10:10:41 AM

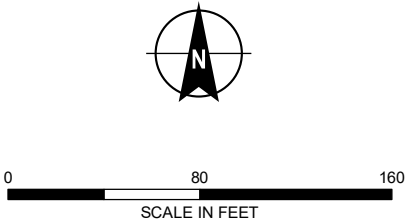


LEGEND

-  SOIL AND SOIL VAPOR BORING
-  SOIL BORING
-  SOIL, SOIL VAPOR, AND GRAB GROUNDWATER BORING
-  GROUNDWATER MONITORING WELL
-  FORMER RAILROAD SPUR
-  STORM DRAIN
-  SUBJECT BOUNDARY
-  PARCEL BOUNDARY

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. ASSESSOR PARCEL DATA SOURCE: CITY OF SOUTH SAN FRANCISCO
3. AERIAL IMAGERY SOURCE: NEARMAP, 25 MAY 2021



**HALEY
ALDRICH**

TC. NO. CAL. DEVELOPMENT, INC.
145/160/180 SYLVESTER ROAD AND 120 EAST GRAND AVENUE
SOUTH SAN FRANCISCO, CALIFORNIA

BORING LOCATIONS

NOVEMBER 2021

FIGURE 2

APPENDIX A

IDW Manifests

Manifest

SOIL SAFE OF CA - TPST

Non-Hazardous Soils

↓ Manifest # ↓

Load #

Date of Shipment: / /	Responsible for Payment:	Transport Truck #:	Facility #: A07	Approval Number:	Load #
--------------------------	--------------------------	--------------------	---------------------------	------------------	--------

Generator's Name and Billing Address: TC NO. CAL. DEVELOPMENT, INC., A DELAWARE CORPORATION 415 MISSION STREET, 45TH FLOOR SAN FRANCISCO, CA 94105	Generator's Phone #: 610-334-0888	
	Person to Contact:	
	FAX#:	Customer Account Number

Consultant's Name and Billing Address:	Consultant's Phone #:	
	Person to Contact:	
	FAX#:	Customer Account Number

Generation Site (Transport from): (name & address) TCC SSF 120 E GRAND AVENUE, 145/160/170/180 SYLVESTER ROAD SOUTH SAN FRANCISCO, CA 94080	Site Phone #:	
	Person to Contact:	
	FAX#:	

Designated Facility (Transport to): (name & address) SOIL SAFE 12328 HIBISCUS AVENUE ADELANTO, CA 92301	Facility Phone #: (800) 862-8001	
	Person to Contact: JOE PROVANSAL	
	FAX#: (760) 246-8004	

Transporter Name and Mailing Address: BELSHIRE 25971 TOWNE CENTRE DRIVE FOOTHILL RANCH, CA 92610 BESI: 336082	Transporter's Phone #: 949-460-5200	CAR000183913
	Person to Contact: LARRY MOOTHART	1629169
	FAX#: 949-460-5210	Customer Account Number

Description of Soil	Moisture Content	Contaminated by:	Approx. Qty:	Description of Delivery	Gross Weight	Tare Weight	Net Weight
Sand ☐ Organic ☐ Clay ☐ Other ☐	0 - 10% ☐ 10 - 20% ☐ 20% - over ☐	Gas ☐ Diesel ☐ Other ☐	2 DM	Soil			
Sand ☐ Organic ☐ Clay ☐ Other ☐	0 - 10% ☐ 10 - 20% ☐ 20% - over ☐	Gas ☐ Diesel ☐ Other ☐					

List any exception to items listed above: _____ Scale Ticket # _____

Generator's and/or consultant's certification: I/We certify that the soil referenced herein is taken entirely from those soils described in the Soil Data Sheet completed and certified by me/us for the Generation Site shown above and nothing has been added or done to such soil that would alter it in any way.

Print or Type Name: Generator ☐ Consultant ☒	Signature and date: _____	Month: 11 Day: 16 Year: 21
---	---------------------------	---

Transporter's certification: I/We acknowledge receipt of the soil referenced above and certify that such soil is being delivered in exactly the same condition as when received. I/We further certify that the soil is being directly transported from the Generation Site to the Designated Facility without off-loading, adding to, subtracting from or in any way delaying delivery to such site.

Print or Type Name: Run Green	Signature and date: Run Green	Month: 11 Day: 16 Year: 21
--------------------------------------	--------------------------------------	---

Recycling Facility	Discrepancies:	
	Recycling Facility certifies the receipt of the soil covered by this manifest except as noted above:	
	Print or Type Name: Joe Provansal / Barry Meek / Bill Bishop	Signature and date:

Please print or type.

GENERATOR/CONSULTANTS COPY

NO.762949

NON-HAZARDOUS WASTE DATA FORM

BESI #

336082

Generator's Name and Mailing Address

TC NO. CAL. DEVELOPMENT, INC., A DELAWARE
CORPORATION
415 MISSION STREET, 45TH FLOOR
SAN FRANCISCO, CA 94105

Generator's Site Address (if different than mailing address)

TCC SSF
120 E GRAND AVENUE,
145/160/170/180 SYLVESTER ROAD
SOUTH SAN FRANCISCO, CA 94080

Generator's Phone:

610-334-0886

Container type removed from site:

☒ Drums ☐ Vacuum Truck ☐ Roll-off Truck ☐ Dump Truck

☐ Other

Quantity

1

Container type transported to receiving facility:

☐ Drums ☒ Vacuum Truck ☐ Roll-off Truck ☐ Dump Truck

☐ Other

Quantity

Volume

GAL

WASTE DESCRIPTION NON-HAZARDOUS WATER

COMPONENTS OF WASTE

PPM

%

1. WATER

99-100%

2. TPH

<1%

GENERATING PROCESS WELL PURGING / DECON WATER

COMPONENTS OF WASTE

PPM

%

3.

4.

Waste Profile

PROPERTIES: pH 7-10

☐ SOLID☒ LIQUID☐ SLUDGE☐ SLURRY☐ OTHER

HANDLING INSTRUCTIONS:

Generator Printed/Typed Name

Signature

Month Day Year

The Generator certifies that the waste as described is 100% non-hazardous

Transporter 1 Company Name

BELSHIRE

Phone#

949-460-5200

Transporter 1 Printed/Typed Name

Ron Green

Signature

Ron Green

Month Day Year

11 16 21

Transporter Acknowledgment of Receipt of Materials

Transporter 2 Company Name

NIETO & SONS TRUCKING, INC.

Phone#

714-990-8855

Transporter 2 Printed/Typed Name

Signature

Month Day Year

Transporter Acknowledgment of Receipt of Materials

RECEIVING FACILITY

Designated Facility Name and Site Address

WORLD OIL RECYCLING
2000 N. ALAMEDA ST.
COMPTON, CA 90222

Phone#

310-537-7100

Printed/Typed Name

Signature

Month Day Year

Designated Facility Owner or Operator: Certification of receipt of materials covered by this data form.

APPENDIX B

Analytical Laboratory Reports

ANALYTICAL REPORT

Eurofins TestAmerica, Sacramento
880 Riverside Parkway
West Sacramento, CA 95605
Tel: (916)373-5600

Laboratory Job ID: 320-79970-1

Client Project/Site: SSF TCC

For:

Haley & Aldrich, Inc.
2033 North Main Street
Suite 309
Walnut Creek, California 94596

Attn: Jason Grant



Authorized for release by:
10/15/2021 6:22:54 PM

Lee Ann Heathcote, Project Manager II
(916)374-4333
LeeAnn.Heathcote@Eurofinset.com

LINKS

Review your project
results through

TotalAccess

Have a Question?



Visit us at:

www.eurofinsus.com/Env

The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

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

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

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Definitions/Glossary

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-79970-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time

Metals

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

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
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)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
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)
TNTC	Too Numerous To Count

Case Narrative

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-79970-1

Job ID: 320-79970-1

Laboratory: Eurofins TestAmerica, Sacramento

Narrative

Job Narrative 320-79970-1

Comments

No additional comments.

Receipt

The samples were received on 10/7/2021 9:22 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 0.8° C.

GC/MS VOA

Method 8260B/CA_LUFTMS: Insufficient sample volume was available to perform a matrix spike / matrix spike duplicate (MS/MSD) associated with preparation batch 320-532208 and analytical batch 320-532835. The laboratory control sample (LCS) was performed in duplicate to provide precision data for this batch.

Method 8260B: Insufficient sample volume was available to perform a matrix spike / matrix spike duplicate (MS/MSD) associated with preparation batch 320-532208 and analytical batch 320-532836. The laboratory control sample (LCS) was performed in duplicate to provide precision data for this batch.

Method 8260B/CA_LUFTMS: Insufficient sample volume was available to perform a matrix spike / matrix spike duplicate (MS/MSD) associated with preparation batch 320-532208 and analytical batch 320-534009. The laboratory control sample (LCS) was performed in duplicate to provide precision data for this batch.

Method 8260B/CA_LUFTMS: The closing continuing calibration verification (CCV) for analytical batch 320-534009 (CCV 320-534009/30) was outside acceptance limits with a low bias. Two consecutive CCVs (CCV 320-534009/34, CCV 320-534009/35) were analyzed the next morning, outside the 12-hour tune window to demonstrate that the instrument was still in calibration.

Method 8260B/CA_LUFTMS: Re-analysis of the following samples was performed outside of the analytical holding time due to closing CCV GRO failing low in original analysis; both sets have been reported: HA-145-3-S-11 (320-79970-5), HA-145-4-S-2.5 (320-79970-6) and HA-145-4-S-6 (320-79970-7).

Method 8260B/CA_LUFTMS: The closing continuing calibration verification (CCV 320-532835/27) failed below the control limits of +/-15%D. The samples were re-analyzed out of the analytical holding time and both sets have been reported.

Method 8260B/CA_LUFTMS: The closing continuing calibration verification (CCV) was not analyzed due to instrument malfunction that resulted in the instrument stopping prior to analyzing it. The associated samples were initially analyzed in analytical batch 320-532835 where the closing CCV recovered below the +/-15%D. There were no more samples available for re-analysis; therefore, both sets of results have been reported.

Method 8260B/CA_LUFTMS: The closing continuing calibration verification (CCV 320-532835/27) failed below the control limits of +/-15%D. The samples were analyzed in a batch where the instrument stopped prior to analyzing the closing CCV. The samples were re-analyzed, and both sets of data have been reported.

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

GC Semi VOA

Method 8015B: The following samples contained a hydrocarbon pattern in the diesel range; however, the elution pattern was later than the typical diesel fuel pattern used by the laboratory for quantitative purposes: HA-145-3-S-2.5 (320-79970-3), HA-145-3-S-6 (320-79970-4), HA-145-4-S-2.5 (320-79970-6) and HA-145-4-S-6 (320-79970-7).

Method 8015B: The Diesel Range Organics (DRO), C10-C28, concentration reported for the following sample is partially due to the presence of discrete peaks: HA-145-3-S-11 (320-79970-5).

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

Case Narrative

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-79970-1

Job ID: 320-79970-1 (Continued)

Laboratory: Eurofins TestAmerica, Sacramento (Continued)

Metals

Method 6010B: The following samples were diluted due to the nature of the sample matrix: HA-145-1-S-12 (320-79970-1), HA-145-2-S-8-9.5 (320-79970-2) and HA-145-3-S-2.5 (320-79970-3). Elevated reporting limits (RLs) are provided.

Method 6010B: The following post-digestion spike %Recovery associated with analytical batch 320-533425 was outside the 75-125% control limits: Thallium (71%). The associated sample is (320-79970-D-6-A PDS).

Method 6010B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 320-533143 and analytical batch 320-533425 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 7471A: The matrix spike and matrix spike duplicate recoveries and precision for preparation batch 320-533428 and analytical batch 320-534444 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample and laboratory control sample duplicate (LCS/LCSD) precision and recoveries were within acceptance limits.

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

Organic Prep

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

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-79970-1

Client Sample ID: HA-145-1-S-12

Lab Sample ID: 320-79970-1

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Acetone	27		17	ug/Kg	1		8260B	Total/NA
Arsenic	4.9		1.9	mg/Kg	1		6010B	Total/NA
Barium	62		0.96	mg/Kg	1		6010B	Total/NA
Beryllium	0.72		0.19	mg/Kg	1		6010B	Total/NA
Cobalt	7.6		0.48	mg/Kg	1		6010B	Total/NA
Chromium	70		0.48	mg/Kg	1		6010B	Total/NA
Copper	20		1.4	mg/Kg	1		6010B	Total/NA
Nickel	39		0.96	mg/Kg	1		6010B	Total/NA
Lead	9.4		0.96	mg/Kg	1		6010B	Total/NA
Antimony	14		1.9	mg/Kg	1		6010B	Total/NA
Vanadium	47		0.48	mg/Kg	1		6010B	Total/NA
Zinc	91		1.9	mg/Kg	1		6010B	Total/NA
Mercury	0.078		0.038	mg/Kg	1		7471A	Total/NA

Client Sample ID: HA-145-2-S-8-9.5

Lab Sample ID: 320-79970-2

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Acetone	100		18	ug/Kg	1		8260B	Total/NA
2-Butanone (MEK)	20		9.1	ug/Kg	1		8260B	Total/NA
Arsenic	4.1		2.1	mg/Kg	1		6010B	Total/NA
Barium	260		1.0	mg/Kg	1		6010B	Total/NA
Beryllium	0.68		0.21	mg/Kg	1		6010B	Total/NA
Cobalt	6.3		0.52	mg/Kg	1		6010B	Total/NA
Chromium	49		0.52	mg/Kg	1		6010B	Total/NA
Copper	9.1		1.6	mg/Kg	1		6010B	Total/NA
Nickel	26		1.0	mg/Kg	1		6010B	Total/NA
Lead	5.3		1.0	mg/Kg	1		6010B	Total/NA
Antimony	11		2.1	mg/Kg	1		6010B	Total/NA
Vanadium	41		0.52	mg/Kg	1		6010B	Total/NA
Zinc	66		2.1	mg/Kg	1		6010B	Total/NA

Client Sample ID: HA-145-3-S-2.5

Lab Sample ID: 320-79970-3

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	1.2		1.0	mg/Kg	1		8015B	Total/NA
Arsenic	9.9		2.0	mg/Kg	1		6010B	Total/NA
Barium	110		1.0	mg/Kg	1		6010B	Total/NA
Beryllium	1.1		0.20	mg/Kg	1		6010B	Total/NA
Cobalt	34		0.51	mg/Kg	1		6010B	Total/NA
Chromium	380		0.51	mg/Kg	1		6010B	Total/NA
Copper	31		1.5	mg/Kg	1		6010B	Total/NA
Nickel	480		1.0	mg/Kg	1		6010B	Total/NA
Lead	6.7		1.0	mg/Kg	1		6010B	Total/NA
Antimony	34		2.0	mg/Kg	1		6010B	Total/NA
Vanadium	51		0.51	mg/Kg	1		6010B	Total/NA
Zinc	48		2.0	mg/Kg	1		6010B	Total/NA
Mercury	0.074		0.043	mg/Kg	1		7471A	Total/NA

Client Sample ID: HA-145-3-S-6

Lab Sample ID: 320-79970-4

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	1.2		0.97	mg/Kg	1		8015B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Sacramento

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-79970-1

Client Sample ID: HA-145-3-S-6 (Continued)

Lab Sample ID: 320-79970-4

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	8.2		2.0	mg/Kg	1		6010B	Total/NA
Barium	98		1.0	mg/Kg	1		6010B	Total/NA
Beryllium	0.98		0.20	mg/Kg	1		6010B	Total/NA
Cobalt	14		0.50	mg/Kg	1		6010B	Total/NA
Chromium	53		0.50	mg/Kg	1		6010B	Total/NA
Copper	28		1.5	mg/Kg	1		6010B	Total/NA
Nickel	85		1.0	mg/Kg	1		6010B	Total/NA
Lead	13		1.0	mg/Kg	1		6010B	Total/NA
Antimony	6.6		2.0	mg/Kg	1		6010B	Total/NA
Vanadium	33		0.50	mg/Kg	1		6010B	Total/NA
Zinc	79		2.0	mg/Kg	1		6010B	Total/NA
Mercury	0.15		0.040	mg/Kg	1		7471A	Total/NA

Client Sample ID: HA-145-3-S-11

Lab Sample ID: 320-79970-5

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Acetone	67		19	ug/Kg	1		8260B	Total/NA
2-Butanone (MEK)	10		9.5	ug/Kg	1		8260B	Total/NA
Diesel Range Organics [C10-C28]	1.2		0.98	mg/Kg	1		8015B	Total/NA

Client Sample ID: HA-145-4-S-2.5

Lab Sample ID: 320-79970-6

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	1.7		0.99	mg/Kg	1		8015B	Total/NA
Arsenic	11		1.9	mg/Kg	1		6010B	Total/NA
Barium	62	F1	0.95	mg/Kg	1		6010B	Total/NA
Beryllium	0.63		0.19	mg/Kg	1		6010B	Total/NA
Cobalt	52	F1	0.48	mg/Kg	1		6010B	Total/NA
Chromium	560		0.48	mg/Kg	1		6010B	Total/NA
Copper	20		1.4	mg/Kg	1		6010B	Total/NA
Nickel	980		0.95	mg/Kg	1		6010B	Total/NA
Lead	4.0		0.95	mg/Kg	1		6010B	Total/NA
Antimony	21	F1	1.9	mg/Kg	1		6010B	Total/NA
Vanadium	45		0.48	mg/Kg	1		6010B	Total/NA
Zinc	32		1.9	mg/Kg	1		6010B	Total/NA
Mercury	0.062		0.044	mg/Kg	1		7471A	Total/NA

Client Sample ID: HA-145-4-S-6

Lab Sample ID: 320-79970-7

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	1.4		0.97	mg/Kg	1		8015B	Total/NA
Arsenic	6.8		2.0	mg/Kg	1		6010B	Total/NA
Barium	84		1.0	mg/Kg	1		6010B	Total/NA
Beryllium	0.81		0.20	mg/Kg	1		6010B	Total/NA
Cobalt	13		0.51	mg/Kg	1		6010B	Total/NA
Chromium	69		0.51	mg/Kg	1		6010B	Total/NA
Copper	25		1.5	mg/Kg	1		6010B	Total/NA
Nickel	96		1.0	mg/Kg	1		6010B	Total/NA
Lead	8.5		1.0	mg/Kg	1		6010B	Total/NA
Antimony	9.3		2.0	mg/Kg	1		6010B	Total/NA
Vanadium	52		0.51	mg/Kg	1		6010B	Total/NA
Zinc	42		2.0	mg/Kg	1		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Sacramento

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-79970-1

Client Sample ID: HA-145-4-S-6 (Continued)

Lab Sample ID: 320-79970-7

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Mercury	0.24		0.040	mg/Kg	1		7471A	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-79970-1

Client Sample ID: HA-145-1-S-12

Lab Sample ID: 320-79970-1

Date Collected: 10/06/21 14:30

Matrix: Solid

Date Received: 10/07/21 09:22

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C4-C12	ND		0.44	mg/Kg		10/07/21 21:09	10/11/21 14:19	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 131			10/07/21 21:09	10/11/21 14:19	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	27		17	ug/Kg		10/07/21 21:09	10/11/21 14:19	1
Benzene	ND		4.4	ug/Kg		10/07/21 21:09	10/11/21 14:19	1
Bromobenzene	ND		4.4	ug/Kg		10/07/21 21:09	10/11/21 14:19	1
Bromochloromethane	ND		4.4	ug/Kg		10/07/21 21:09	10/11/21 14:19	1
Bromodichloromethane	ND		4.4	ug/Kg		10/07/21 21:09	10/11/21 14:19	1
Bromoform	ND		4.4	ug/Kg		10/07/21 21:09	10/11/21 14:19	1
Bromomethane	ND		4.4	ug/Kg		10/07/21 21:09	10/11/21 14:19	1
2-Butanone (MEK)	ND		8.7	ug/Kg		10/07/21 21:09	10/11/21 14:19	1
n-Butylbenzene	ND		4.4	ug/Kg		10/07/21 21:09	10/11/21 14:19	1
sec-Butylbenzene	ND		4.4	ug/Kg		10/07/21 21:09	10/11/21 14:19	1
tert-Butylbenzene	ND		4.4	ug/Kg		10/07/21 21:09	10/11/21 14:19	1
Carbon disulfide	ND		8.7	ug/Kg		10/07/21 21:09	10/11/21 14:19	1
Carbon tetrachloride	ND		4.4	ug/Kg		10/07/21 21:09	10/11/21 14:19	1
Chlorobenzene	ND		4.4	ug/Kg		10/07/21 21:09	10/11/21 14:19	1
Chloroethane	ND		4.4	ug/Kg		10/07/21 21:09	10/11/21 14:19	1
Chloroform	ND		4.4	ug/Kg		10/07/21 21:09	10/11/21 14:19	1
Chloromethane	ND		4.4	ug/Kg		10/07/21 21:09	10/11/21 14:19	1
2-Chlorotoluene	ND		4.4	ug/Kg		10/07/21 21:09	10/11/21 14:19	1
4-Chlorotoluene	ND		4.4	ug/Kg		10/07/21 21:09	10/11/21 14:19	1
1,2-Dibromo-3-Chloropropane	ND		8.7	ug/Kg		10/07/21 21:09	10/11/21 14:19	1
1,2-Dibromoethane (EDB)	ND		8.7	ug/Kg		10/07/21 21:09	10/11/21 14:19	1
Dibromochloromethane	ND		4.4	ug/Kg		10/07/21 21:09	10/11/21 14:19	1
Dibromomethane	ND		4.4	ug/Kg		10/07/21 21:09	10/11/21 14:19	1
1,2-Dichlorobenzene	ND		4.4	ug/Kg		10/07/21 21:09	10/11/21 14:19	1
1,3-Dichlorobenzene	ND		4.4	ug/Kg		10/07/21 21:09	10/11/21 14:19	1
1,4-Dichlorobenzene	ND		4.4	ug/Kg		10/07/21 21:09	10/11/21 14:19	1
Dichlorodifluoromethane	ND		4.4	ug/Kg		10/07/21 21:09	10/11/21 14:19	1
1,1-Dichloroethane	ND		4.4	ug/Kg		10/07/21 21:09	10/11/21 14:19	1
1,2-Dichloroethane	ND		4.4	ug/Kg		10/07/21 21:09	10/11/21 14:19	1
cis-1,2-Dichloroethene	ND		4.4	ug/Kg		10/07/21 21:09	10/11/21 14:19	1
trans-1,2-Dichloroethene	ND		4.4	ug/Kg		10/07/21 21:09	10/11/21 14:19	1
1,1-Dichloroethene	ND		4.4	ug/Kg		10/07/21 21:09	10/11/21 14:19	1
1,2-Dichloropropane	ND		4.4	ug/Kg		10/07/21 21:09	10/11/21 14:19	1
1,3-Dichloropropane	ND		4.4	ug/Kg		10/07/21 21:09	10/11/21 14:19	1
2,2-Dichloropropane	ND		4.4	ug/Kg		10/07/21 21:09	10/11/21 14:19	1
cis-1,3-Dichloropropene	ND		4.4	ug/Kg		10/07/21 21:09	10/11/21 14:19	1
trans-1,3-Dichloropropene	ND		4.4	ug/Kg		10/07/21 21:09	10/11/21 14:19	1
1,1-Dichloropropene	ND		4.4	ug/Kg		10/07/21 21:09	10/11/21 14:19	1
Ethylbenzene	ND		4.4	ug/Kg		10/07/21 21:09	10/11/21 14:19	1
Hexachlorobutadiene	ND		4.4	ug/Kg		10/07/21 21:09	10/11/21 14:19	1
2-Hexanone	ND		8.7	ug/Kg		10/07/21 21:09	10/11/21 14:19	1
Isopropylbenzene	ND		4.4	ug/Kg		10/07/21 21:09	10/11/21 14:19	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-79970-1

Client Sample ID: HA-145-1-S-12

Lab Sample ID: 320-79970-1

Date Collected: 10/06/21 14:30

Matrix: Solid

Date Received: 10/07/21 09:22

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
p-Isopropyltoluene	ND		4.4	ug/Kg		10/07/21 21:09	10/11/21 14:19	1
4-Methyl-2-pentanone (MIBK)	ND		8.7	ug/Kg		10/07/21 21:09	10/11/21 14:19	1
Methyl tert-butyl ether	ND		8.7	ug/Kg		10/07/21 21:09	10/11/21 14:19	1
Methylene Chloride	ND		8.7	ug/Kg		10/07/21 21:09	10/11/21 14:19	1
Naphthalene	ND		4.4	ug/Kg		10/07/21 21:09	10/11/21 14:19	1
N-Propylbenzene	ND		4.4	ug/Kg		10/07/21 21:09	10/11/21 14:19	1
Styrene	ND		4.4	ug/Kg		10/07/21 21:09	10/11/21 14:19	1
1,1,1,2-Tetrachloroethane	ND		4.4	ug/Kg		10/07/21 21:09	10/11/21 14:19	1
1,1,2,2-Tetrachloroethane	ND		4.4	ug/Kg		10/07/21 21:09	10/11/21 14:19	1
Tetrachloroethene	ND		4.4	ug/Kg		10/07/21 21:09	10/11/21 14:19	1
Toluene	ND		4.4	ug/Kg		10/07/21 21:09	10/11/21 14:19	1
1,2,3-Trichlorobenzene	ND		4.4	ug/Kg		10/07/21 21:09	10/11/21 14:19	1
1,2,4-Trichlorobenzene	ND		4.4	ug/Kg		10/07/21 21:09	10/11/21 14:19	1
1,1,1-Trichloroethane	ND		4.4	ug/Kg		10/07/21 21:09	10/11/21 14:19	1
1,1,2-Trichloroethane	ND		4.4	ug/Kg		10/07/21 21:09	10/11/21 14:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		8.7	ug/Kg		10/07/21 21:09	10/11/21 14:19	1
Trichloroethene	ND		4.4	ug/Kg		10/07/21 21:09	10/11/21 14:19	1
Trichlorofluoromethane	ND		4.4	ug/Kg		10/07/21 21:09	10/11/21 14:19	1
1,2,3-Trichloropropane	ND		4.4	ug/Kg		10/07/21 21:09	10/11/21 14:19	1
1,2,4-Trimethylbenzene	ND		4.4	ug/Kg		10/07/21 21:09	10/11/21 14:19	1
1,3,5-Trimethylbenzene	ND		4.4	ug/Kg		10/07/21 21:09	10/11/21 14:19	1
Vinyl acetate	ND		8.7	ug/Kg		10/07/21 21:09	10/11/21 14:19	1
Vinyl chloride	ND		4.4	ug/Kg		10/07/21 21:09	10/11/21 14:19	1
m-Xylene & p-Xylene	ND		4.4	ug/Kg		10/07/21 21:09	10/11/21 14:19	1
o-Xylene	ND		4.4	ug/Kg		10/07/21 21:09	10/11/21 14:19	1
Xylenes, Total	ND		4.4	ug/Kg		10/07/21 21:09	10/11/21 14:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		63 - 143	10/07/21 21:09	10/11/21 14:19	1
1,2-Dichloroethane-d4 (Surr)	95		32 - 156	10/07/21 21:09	10/11/21 14:19	1
Toluene-d8 (Surr)	108		63 - 138	10/07/21 21:09	10/11/21 14:19	1
Dibromofluoromethane (Surr)	99		55 - 129	10/07/21 21:09	10/11/21 14:19	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		0.99	mg/Kg		10/12/21 12:35	10/13/21 14:40	1
Motor Oil Range Organics [C28-C40]	ND		4.9	mg/Kg		10/12/21 12:35	10/13/21 14:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl (Surr)	73		51 - 111	10/12/21 12:35	10/13/21 14:40	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.48	mg/Kg		10/12/21 06:00	10/12/21 18:57	1
Arsenic	4.9		1.9	mg/Kg		10/12/21 06:00	10/12/21 18:57	1
Barium	62		0.96	mg/Kg		10/12/21 06:00	10/12/21 18:57	1
Beryllium	0.72		0.19	mg/Kg		10/12/21 06:00	10/12/21 18:57	1
Cadmium	ND		0.19	mg/Kg		10/12/21 06:00	10/12/21 18:57	1
Cobalt	7.6		0.48	mg/Kg		10/12/21 06:00	10/12/21 18:57	1
Chromium	70		0.48	mg/Kg		10/12/21 06:00	10/12/21 18:57	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-79970-1

Client Sample ID: HA-145-1-S-12

Lab Sample ID: 320-79970-1

Date Collected: 10/06/21 14:30

Matrix: Solid

Date Received: 10/07/21 09:22

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	20		1.4	mg/Kg		10/12/21 06:00	10/12/21 18:57	1
Molybdenum	ND		1.9	mg/Kg		10/12/21 06:00	10/12/21 18:57	1
Nickel	39		0.96	mg/Kg		10/12/21 06:00	10/12/21 18:57	1
Lead	9.4		0.96	mg/Kg		10/12/21 06:00	10/12/21 18:57	1
Selenium	ND		1.9	mg/Kg		10/12/21 06:00	10/12/21 18:57	1
Antimony	14		1.9	mg/Kg		10/12/21 06:00	10/12/21 18:57	1
Thallium	ND		9.6	mg/Kg		10/12/21 06:00	10/13/21 14:46	5
Vanadium	47		0.48	mg/Kg		10/12/21 06:00	10/12/21 18:57	1
Zinc	91		1.9	mg/Kg		10/12/21 06:00	10/12/21 18:57	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.078		0.038	mg/Kg		10/14/21 16:50	10/15/21 10:55	1

Client Sample ID: HA-145-2-S-8-9.5

Lab Sample ID: 320-79970-2

Date Collected: 10/06/21 16:10

Matrix: Solid

Date Received: 10/07/21 09:22

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C4-C12	ND		0.46	mg/Kg		10/07/21 21:09	10/11/21 15:04	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 131			10/07/21 21:09	10/11/21 15:04	1

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS - RA

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C4-C12	ND		0.45	mg/Kg		10/07/21 21:09	10/13/21 17:31	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	100		18	ug/Kg		10/07/21 21:09	10/11/21 15:04	1
Benzene	ND		4.6	ug/Kg		10/07/21 21:09	10/11/21 15:04	1
Bromobenzene	ND		4.6	ug/Kg		10/07/21 21:09	10/11/21 15:04	1
Bromochloromethane	ND		4.6	ug/Kg		10/07/21 21:09	10/11/21 15:04	1
Bromodichloromethane	ND		4.6	ug/Kg		10/07/21 21:09	10/11/21 15:04	1
Bromoform	ND		4.6	ug/Kg		10/07/21 21:09	10/11/21 15:04	1
Bromomethane	ND		4.6	ug/Kg		10/07/21 21:09	10/11/21 15:04	1
2-Butanone (MEK)	20		9.1	ug/Kg		10/07/21 21:09	10/11/21 15:04	1
n-Butylbenzene	ND		4.6	ug/Kg		10/07/21 21:09	10/11/21 15:04	1
sec-Butylbenzene	ND		4.6	ug/Kg		10/07/21 21:09	10/11/21 15:04	1
tert-Butylbenzene	ND		4.6	ug/Kg		10/07/21 21:09	10/11/21 15:04	1
Carbon disulfide	ND		9.1	ug/Kg		10/07/21 21:09	10/11/21 15:04	1
Carbon tetrachloride	ND		4.6	ug/Kg		10/07/21 21:09	10/11/21 15:04	1
Chlorobenzene	ND		4.6	ug/Kg		10/07/21 21:09	10/11/21 15:04	1
Chloroethane	ND		4.6	ug/Kg		10/07/21 21:09	10/11/21 15:04	1
Chloroform	ND		4.6	ug/Kg		10/07/21 21:09	10/11/21 15:04	1
Chloromethane	ND		4.6	ug/Kg		10/07/21 21:09	10/11/21 15:04	1
2-Chlorotoluene	ND		4.6	ug/Kg		10/07/21 21:09	10/11/21 15:04	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-79970-1

Client Sample ID: HA-145-2-S-8-9.5

Lab Sample ID: 320-79970-2

Date Collected: 10/06/21 16:10

Matrix: Solid

Date Received: 10/07/21 09:22

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chlorotoluene	ND		4.6	ug/Kg		10/07/21 21:09	10/11/21 15:04	1
1,2-Dibromo-3-Chloropropane	ND		9.1	ug/Kg		10/07/21 21:09	10/11/21 15:04	1
1,2-Dibromoethane (EDB)	ND		9.1	ug/Kg		10/07/21 21:09	10/11/21 15:04	1
Dibromochloromethane	ND		4.6	ug/Kg		10/07/21 21:09	10/11/21 15:04	1
Dibromomethane	ND		4.6	ug/Kg		10/07/21 21:09	10/11/21 15:04	1
1,2-Dichlorobenzene	ND		4.6	ug/Kg		10/07/21 21:09	10/11/21 15:04	1
1,3-Dichlorobenzene	ND		4.6	ug/Kg		10/07/21 21:09	10/11/21 15:04	1
1,4-Dichlorobenzene	ND		4.6	ug/Kg		10/07/21 21:09	10/11/21 15:04	1
Dichlorodifluoromethane	ND		4.6	ug/Kg		10/07/21 21:09	10/11/21 15:04	1
1,1-Dichloroethane	ND		4.6	ug/Kg		10/07/21 21:09	10/11/21 15:04	1
1,2-Dichloroethane	ND		4.6	ug/Kg		10/07/21 21:09	10/11/21 15:04	1
cis-1,2-Dichloroethene	ND		4.6	ug/Kg		10/07/21 21:09	10/11/21 15:04	1
trans-1,2-Dichloroethene	ND		4.6	ug/Kg		10/07/21 21:09	10/11/21 15:04	1
1,1-Dichloroethene	ND		4.6	ug/Kg		10/07/21 21:09	10/11/21 15:04	1
1,2-Dichloropropane	ND		4.6	ug/Kg		10/07/21 21:09	10/11/21 15:04	1
1,3-Dichloropropane	ND		4.6	ug/Kg		10/07/21 21:09	10/11/21 15:04	1
2,2-Dichloropropane	ND		4.6	ug/Kg		10/07/21 21:09	10/11/21 15:04	1
cis-1,3-Dichloropropene	ND		4.6	ug/Kg		10/07/21 21:09	10/11/21 15:04	1
trans-1,3-Dichloropropene	ND		4.6	ug/Kg		10/07/21 21:09	10/11/21 15:04	1
1,1-Dichloropropene	ND		4.6	ug/Kg		10/07/21 21:09	10/11/21 15:04	1
Ethylbenzene	ND		4.6	ug/Kg		10/07/21 21:09	10/11/21 15:04	1
Hexachlorobutadiene	ND		4.6	ug/Kg		10/07/21 21:09	10/11/21 15:04	1
2-Hexanone	ND		9.1	ug/Kg		10/07/21 21:09	10/11/21 15:04	1
Isopropylbenzene	ND		4.6	ug/Kg		10/07/21 21:09	10/11/21 15:04	1
p-Isopropyltoluene	ND		4.6	ug/Kg		10/07/21 21:09	10/11/21 15:04	1
4-Methyl-2-pentanone (MIBK)	ND		9.1	ug/Kg		10/07/21 21:09	10/11/21 15:04	1
Methyl tert-butyl ether	ND		9.1	ug/Kg		10/07/21 21:09	10/11/21 15:04	1
Methylene Chloride	ND		9.1	ug/Kg		10/07/21 21:09	10/11/21 15:04	1
Naphthalene	ND		4.6	ug/Kg		10/07/21 21:09	10/11/21 15:04	1
N-Propylbenzene	ND		4.6	ug/Kg		10/07/21 21:09	10/11/21 15:04	1
Styrene	ND		4.6	ug/Kg		10/07/21 21:09	10/11/21 15:04	1
1,1,1,2-Tetrachloroethane	ND		4.6	ug/Kg		10/07/21 21:09	10/11/21 15:04	1
1,1,2,2-Tetrachloroethane	ND		4.6	ug/Kg		10/07/21 21:09	10/11/21 15:04	1
Tetrachloroethene	ND		4.6	ug/Kg		10/07/21 21:09	10/11/21 15:04	1
Toluene	ND		4.6	ug/Kg		10/07/21 21:09	10/11/21 15:04	1
1,2,3-Trichlorobenzene	ND		4.6	ug/Kg		10/07/21 21:09	10/11/21 15:04	1
1,2,4-Trichlorobenzene	ND		4.6	ug/Kg		10/07/21 21:09	10/11/21 15:04	1
1,1,1-Trichloroethane	ND		4.6	ug/Kg		10/07/21 21:09	10/11/21 15:04	1
1,1,2-Trichloroethane	ND		4.6	ug/Kg		10/07/21 21:09	10/11/21 15:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.1	ug/Kg		10/07/21 21:09	10/11/21 15:04	1
Trichloroethene	ND		4.6	ug/Kg		10/07/21 21:09	10/11/21 15:04	1
Trichlorofluoromethane	ND		4.6	ug/Kg		10/07/21 21:09	10/11/21 15:04	1
1,2,3-Trichloropropane	ND		4.6	ug/Kg		10/07/21 21:09	10/11/21 15:04	1
1,2,4-Trimethylbenzene	ND		4.6	ug/Kg		10/07/21 21:09	10/11/21 15:04	1
1,3,5-Trimethylbenzene	ND		4.6	ug/Kg		10/07/21 21:09	10/11/21 15:04	1
Vinyl acetate	ND		9.1	ug/Kg		10/07/21 21:09	10/11/21 15:04	1
Vinyl chloride	ND		4.6	ug/Kg		10/07/21 21:09	10/11/21 15:04	1
m-Xylene & p-Xylene	ND		4.6	ug/Kg		10/07/21 21:09	10/11/21 15:04	1
o-Xylene	ND		4.6	ug/Kg		10/07/21 21:09	10/11/21 15:04	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-79970-1

Client Sample ID: HA-145-2-S-8-9.5

Lab Sample ID: 320-79970-2

Date Collected: 10/06/21 16:10

Matrix: Solid

Date Received: 10/07/21 09:22

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND		4.6	ug/Kg		10/07/21 21:09	10/11/21 15:04	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		63 - 143			10/07/21 21:09	10/11/21 15:04	1
1,2-Dichloroethane-d4 (Surr)	99		32 - 156			10/07/21 21:09	10/11/21 15:04	1
Toluene-d8 (Surr)	110		63 - 138			10/07/21 21:09	10/11/21 15:04	1
Dibromofluoromethane (Surr)	103		55 - 129			10/07/21 21:09	10/11/21 15:04	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		0.98	mg/Kg		10/12/21 12:35	10/13/21 15:09	1
Motor Oil Range Organics [C28-C40]	ND		4.9	mg/Kg		10/12/21 12:35	10/13/21 15:09	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
o-Terphenyl (Surr)	69		51 - 111			10/12/21 12:35	10/13/21 15:09	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.52	mg/Kg		10/12/21 06:00	10/12/21 19:01	1
Arsenic	4.1		2.1	mg/Kg		10/12/21 06:00	10/12/21 19:01	1
Barium	260		1.0	mg/Kg		10/12/21 06:00	10/12/21 19:01	1
Beryllium	0.68		0.21	mg/Kg		10/12/21 06:00	10/12/21 19:01	1
Cadmium	ND		0.21	mg/Kg		10/12/21 06:00	10/12/21 19:01	1
Cobalt	6.3		0.52	mg/Kg		10/12/21 06:00	10/12/21 19:01	1
Chromium	49		0.52	mg/Kg		10/12/21 06:00	10/12/21 19:01	1
Copper	9.1		1.6	mg/Kg		10/12/21 06:00	10/12/21 19:01	1
Molybdenum	ND		2.1	mg/Kg		10/12/21 06:00	10/12/21 19:01	1
Nickel	26		1.0	mg/Kg		10/12/21 06:00	10/12/21 19:01	1
Lead	5.3		1.0	mg/Kg		10/12/21 06:00	10/12/21 19:01	1
Selenium	ND		2.1	mg/Kg		10/12/21 06:00	10/12/21 19:01	1
Antimony	11		2.1	mg/Kg		10/12/21 06:00	10/12/21 19:01	1
Thallium	ND		10	mg/Kg		10/12/21 06:00	10/13/21 14:50	5
Vanadium	41		0.52	mg/Kg		10/12/21 06:00	10/12/21 19:01	1
Zinc	66		2.1	mg/Kg		10/12/21 06:00	10/12/21 19:01	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.044	mg/Kg		10/14/21 16:50	10/15/21 10:57	1

Client Sample ID: HA-145-3-S-2.5

Lab Sample ID: 320-79970-3

Date Collected: 10/06/21 11:55

Matrix: Solid

Date Received: 10/07/21 09:22

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C4-C12	ND		0.47	mg/Kg		10/07/21 21:09	10/11/21 15:26	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 131			10/07/21 21:09	10/11/21 15:26	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-79970-1

Client Sample ID: HA-145-3-S-2.5

Lab Sample ID: 320-79970-3

Date Collected: 10/06/21 11:55

Matrix: Solid

Date Received: 10/07/21 09:22

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS - RA

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C4-C12	ND		0.47	mg/Kg		10/07/21 21:09	10/13/21 17:53	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		19	ug/Kg		10/07/21 21:09	10/11/21 15:26	1
Benzene	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 15:26	1
Bromobenzene	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 15:26	1
Bromochloromethane	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 15:26	1
Bromodichloromethane	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 15:26	1
Bromoform	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 15:26	1
Bromomethane	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 15:26	1
2-Butanone (MEK)	ND		9.4	ug/Kg		10/07/21 21:09	10/11/21 15:26	1
n-Butylbenzene	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 15:26	1
sec-Butylbenzene	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 15:26	1
tert-Butylbenzene	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 15:26	1
Carbon disulfide	ND		9.4	ug/Kg		10/07/21 21:09	10/11/21 15:26	1
Carbon tetrachloride	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 15:26	1
Chlorobenzene	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 15:26	1
Chloroethane	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 15:26	1
Chloroform	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 15:26	1
Chloromethane	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 15:26	1
2-Chlorotoluene	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 15:26	1
4-Chlorotoluene	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 15:26	1
1,2-Dibromo-3-Chloropropane	ND		9.4	ug/Kg		10/07/21 21:09	10/11/21 15:26	1
1,2-Dibromoethane (EDB)	ND		9.4	ug/Kg		10/07/21 21:09	10/11/21 15:26	1
Dibromochloromethane	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 15:26	1
Dibromomethane	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 15:26	1
1,2-Dichlorobenzene	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 15:26	1
1,3-Dichlorobenzene	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 15:26	1
1,4-Dichlorobenzene	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 15:26	1
Dichlorodifluoromethane	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 15:26	1
1,1-Dichloroethane	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 15:26	1
1,2-Dichloroethane	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 15:26	1
cis-1,2-Dichloroethene	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 15:26	1
trans-1,2-Dichloroethene	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 15:26	1
1,1-Dichloroethene	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 15:26	1
1,2-Dichloropropane	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 15:26	1
1,3-Dichloropropane	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 15:26	1
2,2-Dichloropropane	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 15:26	1
cis-1,3-Dichloropropene	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 15:26	1
trans-1,3-Dichloropropene	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 15:26	1
1,1-Dichloropropene	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 15:26	1
Ethylbenzene	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 15:26	1
Hexachlorobutadiene	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 15:26	1
2-Hexanone	ND		9.4	ug/Kg		10/07/21 21:09	10/11/21 15:26	1
Isopropylbenzene	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 15:26	1
p-Isopropyltoluene	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 15:26	1
4-Methyl-2-pentanone (MIBK)	ND		9.4	ug/Kg		10/07/21 21:09	10/11/21 15:26	1
Methyl tert-butyl ether	ND		9.4	ug/Kg		10/07/21 21:09	10/11/21 15:26	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-79970-1

Client Sample ID: HA-145-3-S-2.5

Lab Sample ID: 320-79970-3

Date Collected: 10/06/21 11:55

Matrix: Solid

Date Received: 10/07/21 09:22

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	ND		9.4	ug/Kg		10/07/21 21:09	10/11/21 15:26	1
Naphthalene	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 15:26	1
N-Propylbenzene	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 15:26	1
Styrene	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 15:26	1
1,1,1,2-Tetrachloroethane	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 15:26	1
1,1,2,2-Tetrachloroethane	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 15:26	1
Tetrachloroethene	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 15:26	1
Toluene	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 15:26	1
1,2,3-Trichlorobenzene	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 15:26	1
1,2,4-Trichlorobenzene	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 15:26	1
1,1,1-Trichloroethane	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 15:26	1
1,1,2-Trichloroethane	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 15:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.4	ug/Kg		10/07/21 21:09	10/11/21 15:26	1
Trichloroethene	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 15:26	1
Trichlorofluoromethane	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 15:26	1
1,2,3-Trichloropropane	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 15:26	1
1,2,4-Trimethylbenzene	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 15:26	1
1,3,5-Trimethylbenzene	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 15:26	1
Vinyl acetate	ND		9.4	ug/Kg		10/07/21 21:09	10/11/21 15:26	1
Vinyl chloride	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 15:26	1
m-Xylene & p-Xylene	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 15:26	1
o-Xylene	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 15:26	1
Xylenes, Total	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 15:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		63 - 143	10/07/21 21:09	10/11/21 15:26	1
1,2-Dichloroethane-d4 (Surr)	104		32 - 156	10/07/21 21:09	10/11/21 15:26	1
Toluene-d8 (Surr)	113		63 - 138	10/07/21 21:09	10/11/21 15:26	1
Dibromofluoromethane (Surr)	105		55 - 129	10/07/21 21:09	10/11/21 15:26	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	1.2		1.0	mg/Kg		10/12/21 12:35	10/13/21 15:38	1
Motor Oil Range Organics [C28-C40]	ND		5.0	mg/Kg		10/12/21 12:35	10/13/21 15:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl (Surr)	75		51 - 111	10/12/21 12:35	10/13/21 15:38	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.51	mg/Kg		10/12/21 06:00	10/12/21 19:05	1
Arsenic	9.9		2.0	mg/Kg		10/12/21 06:00	10/12/21 19:05	1
Barium	110		1.0	mg/Kg		10/12/21 06:00	10/12/21 19:05	1
Beryllium	1.1		0.20	mg/Kg		10/12/21 06:00	10/12/21 19:05	1
Cadmium	ND		0.20	mg/Kg		10/12/21 06:00	10/12/21 19:05	1
Cobalt	34		0.51	mg/Kg		10/12/21 06:00	10/12/21 19:05	1
Chromium	380		0.51	mg/Kg		10/12/21 06:00	10/12/21 19:05	1
Copper	31		1.5	mg/Kg		10/12/21 06:00	10/12/21 19:05	1
Molybdenum	ND		2.0	mg/Kg		10/12/21 06:00	10/12/21 19:05	1
Nickel	480		1.0	mg/Kg		10/12/21 06:00	10/12/21 19:05	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-79970-1

Client Sample ID: HA-145-3-S-2.5

Lab Sample ID: 320-79970-3

Date Collected: 10/06/21 11:55

Matrix: Solid

Date Received: 10/07/21 09:22

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	6.7		1.0	mg/Kg		10/12/21 06:00	10/12/21 19:05	1
Selenium	ND		2.0	mg/Kg		10/12/21 06:00	10/12/21 19:05	1
Antimony	34		2.0	mg/Kg		10/12/21 06:00	10/12/21 19:05	1
Thallium	ND		10	mg/Kg		10/12/21 06:00	10/13/21 14:54	5
Vanadium	51		0.51	mg/Kg		10/12/21 06:00	10/12/21 19:05	1
Zinc	48		2.0	mg/Kg		10/12/21 06:00	10/12/21 19:05	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.074		0.043	mg/Kg		10/14/21 16:50	10/15/21 10:59	1

Client Sample ID: HA-145-3-S-6

Lab Sample ID: 320-79970-4

Date Collected: 10/06/21 12:00

Matrix: Solid

Date Received: 10/07/21 09:22

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C4-C12	ND		0.48	mg/Kg		10/07/21 21:09	10/11/21 15:48	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 131			10/07/21 21:09	10/11/21 15:48	1

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS - RA

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C4-C12	ND		0.40	mg/Kg		10/07/21 21:09	10/13/21 18:15	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		19	ug/Kg		10/07/21 21:09	10/11/21 15:48	1
Benzene	ND		4.8	ug/Kg		10/07/21 21:09	10/11/21 15:48	1
Bromobenzene	ND		4.8	ug/Kg		10/07/21 21:09	10/11/21 15:48	1
Bromochloromethane	ND		4.8	ug/Kg		10/07/21 21:09	10/11/21 15:48	1
Bromodichloromethane	ND		4.8	ug/Kg		10/07/21 21:09	10/11/21 15:48	1
Bromoform	ND		4.8	ug/Kg		10/07/21 21:09	10/11/21 15:48	1
Bromomethane	ND		4.8	ug/Kg		10/07/21 21:09	10/11/21 15:48	1
2-Butanone (MEK)	ND		9.5	ug/Kg		10/07/21 21:09	10/11/21 15:48	1
n-Butylbenzene	ND		4.8	ug/Kg		10/07/21 21:09	10/11/21 15:48	1
sec-Butylbenzene	ND		4.8	ug/Kg		10/07/21 21:09	10/11/21 15:48	1
tert-Butylbenzene	ND		4.8	ug/Kg		10/07/21 21:09	10/11/21 15:48	1
Carbon disulfide	ND		9.5	ug/Kg		10/07/21 21:09	10/11/21 15:48	1
Carbon tetrachloride	ND		4.8	ug/Kg		10/07/21 21:09	10/11/21 15:48	1
Chlorobenzene	ND		4.8	ug/Kg		10/07/21 21:09	10/11/21 15:48	1
Chloroethane	ND		4.8	ug/Kg		10/07/21 21:09	10/11/21 15:48	1
Chloroform	ND		4.8	ug/Kg		10/07/21 21:09	10/11/21 15:48	1
Chloromethane	ND		4.8	ug/Kg		10/07/21 21:09	10/11/21 15:48	1
2-Chlorotoluene	ND		4.8	ug/Kg		10/07/21 21:09	10/11/21 15:48	1
4-Chlorotoluene	ND		4.8	ug/Kg		10/07/21 21:09	10/11/21 15:48	1
1,2-Dibromo-3-Chloropropane	ND		9.5	ug/Kg		10/07/21 21:09	10/11/21 15:48	1
1,2-Dibromoethane (EDB)	ND		9.5	ug/Kg		10/07/21 21:09	10/11/21 15:48	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-79970-1

Client Sample ID: HA-145-3-S-6

Lab Sample ID: 320-79970-4

Date Collected: 10/06/21 12:00

Matrix: Solid

Date Received: 10/07/21 09:22

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromochloromethane	ND		4.8	ug/Kg		10/07/21 21:09	10/11/21 15:48	1
Dibromomethane	ND		4.8	ug/Kg		10/07/21 21:09	10/11/21 15:48	1
1,2-Dichlorobenzene	ND		4.8	ug/Kg		10/07/21 21:09	10/11/21 15:48	1
1,3-Dichlorobenzene	ND		4.8	ug/Kg		10/07/21 21:09	10/11/21 15:48	1
1,4-Dichlorobenzene	ND		4.8	ug/Kg		10/07/21 21:09	10/11/21 15:48	1
Dichlorodifluoromethane	ND		4.8	ug/Kg		10/07/21 21:09	10/11/21 15:48	1
1,1-Dichloroethane	ND		4.8	ug/Kg		10/07/21 21:09	10/11/21 15:48	1
1,2-Dichloroethane	ND		4.8	ug/Kg		10/07/21 21:09	10/11/21 15:48	1
cis-1,2-Dichloroethene	ND		4.8	ug/Kg		10/07/21 21:09	10/11/21 15:48	1
trans-1,2-Dichloroethene	ND		4.8	ug/Kg		10/07/21 21:09	10/11/21 15:48	1
1,1-Dichloroethene	ND		4.8	ug/Kg		10/07/21 21:09	10/11/21 15:48	1
1,2-Dichloropropane	ND		4.8	ug/Kg		10/07/21 21:09	10/11/21 15:48	1
1,3-Dichloropropane	ND		4.8	ug/Kg		10/07/21 21:09	10/11/21 15:48	1
2,2-Dichloropropane	ND		4.8	ug/Kg		10/07/21 21:09	10/11/21 15:48	1
cis-1,3-Dichloropropene	ND		4.8	ug/Kg		10/07/21 21:09	10/11/21 15:48	1
trans-1,3-Dichloropropene	ND		4.8	ug/Kg		10/07/21 21:09	10/11/21 15:48	1
1,1-Dichloropropene	ND		4.8	ug/Kg		10/07/21 21:09	10/11/21 15:48	1
Ethylbenzene	ND		4.8	ug/Kg		10/07/21 21:09	10/11/21 15:48	1
Hexachlorobutadiene	ND		4.8	ug/Kg		10/07/21 21:09	10/11/21 15:48	1
2-Hexanone	ND		9.5	ug/Kg		10/07/21 21:09	10/11/21 15:48	1
Isopropylbenzene	ND		4.8	ug/Kg		10/07/21 21:09	10/11/21 15:48	1
p-Isopropyltoluene	ND		4.8	ug/Kg		10/07/21 21:09	10/11/21 15:48	1
4-Methyl-2-pentanone (MIBK)	ND		9.5	ug/Kg		10/07/21 21:09	10/11/21 15:48	1
Methyl tert-butyl ether	ND		9.5	ug/Kg		10/07/21 21:09	10/11/21 15:48	1
Methylene Chloride	ND		9.5	ug/Kg		10/07/21 21:09	10/11/21 15:48	1
Naphthalene	ND		4.8	ug/Kg		10/07/21 21:09	10/11/21 15:48	1
N-Propylbenzene	ND		4.8	ug/Kg		10/07/21 21:09	10/11/21 15:48	1
Styrene	ND		4.8	ug/Kg		10/07/21 21:09	10/11/21 15:48	1
1,1,1,2-Tetrachloroethane	ND		4.8	ug/Kg		10/07/21 21:09	10/11/21 15:48	1
1,1,2,2-Tetrachloroethane	ND		4.8	ug/Kg		10/07/21 21:09	10/11/21 15:48	1
Tetrachloroethene	ND		4.8	ug/Kg		10/07/21 21:09	10/11/21 15:48	1
Toluene	ND		4.8	ug/Kg		10/07/21 21:09	10/11/21 15:48	1
1,2,3-Trichlorobenzene	ND		4.8	ug/Kg		10/07/21 21:09	10/11/21 15:48	1
1,2,4-Trichlorobenzene	ND		4.8	ug/Kg		10/07/21 21:09	10/11/21 15:48	1
1,1,1-Trichloroethane	ND		4.8	ug/Kg		10/07/21 21:09	10/11/21 15:48	1
1,1,2-Trichloroethane	ND		4.8	ug/Kg		10/07/21 21:09	10/11/21 15:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.5	ug/Kg		10/07/21 21:09	10/11/21 15:48	1
Trichloroethene	ND		4.8	ug/Kg		10/07/21 21:09	10/11/21 15:48	1
Trichlorofluoromethane	ND		4.8	ug/Kg		10/07/21 21:09	10/11/21 15:48	1
1,2,3-Trichloropropane	ND		4.8	ug/Kg		10/07/21 21:09	10/11/21 15:48	1
1,2,4-Trimethylbenzene	ND		4.8	ug/Kg		10/07/21 21:09	10/11/21 15:48	1
1,3,5-Trimethylbenzene	ND		4.8	ug/Kg		10/07/21 21:09	10/11/21 15:48	1
Vinyl acetate	ND		9.5	ug/Kg		10/07/21 21:09	10/11/21 15:48	1
Vinyl chloride	ND		4.8	ug/Kg		10/07/21 21:09	10/11/21 15:48	1
m-Xylene & p-Xylene	ND		4.8	ug/Kg		10/07/21 21:09	10/11/21 15:48	1
o-Xylene	ND		4.8	ug/Kg		10/07/21 21:09	10/11/21 15:48	1
Xylenes, Total	ND		4.8	ug/Kg		10/07/21 21:09	10/11/21 15:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		63 - 143	10/07/21 21:09	10/11/21 15:48	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-79970-1

Client Sample ID: HA-145-3-S-6

Lab Sample ID: 320-79970-4

Date Collected: 10/06/21 12:00

Matrix: Solid

Date Received: 10/07/21 09:22

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		32 - 156	10/07/21 21:09	10/11/21 15:48	1
Toluene-d8 (Surr)	112		63 - 138	10/07/21 21:09	10/11/21 15:48	1
Dibromofluoromethane (Surr)	104		55 - 129	10/07/21 21:09	10/11/21 15:48	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	1.2		0.97	mg/Kg		10/12/21 12:35	10/13/21 16:06	1
Motor Oil Range Organics [C28-C40]	ND		4.9	mg/Kg		10/12/21 12:35	10/13/21 16:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl (Surr)	76		51 - 111	10/12/21 12:35	10/13/21 16:06	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.50	mg/Kg		10/12/21 06:00	10/12/21 19:09	1
Arsenic	8.2		2.0	mg/Kg		10/12/21 06:00	10/12/21 19:09	1
Barium	98		1.0	mg/Kg		10/12/21 06:00	10/12/21 19:09	1
Beryllium	0.98		0.20	mg/Kg		10/12/21 06:00	10/12/21 19:09	1
Cadmium	ND		0.20	mg/Kg		10/12/21 06:00	10/12/21 19:09	1
Cobalt	14		0.50	mg/Kg		10/12/21 06:00	10/12/21 19:09	1
Chromium	53		0.50	mg/Kg		10/12/21 06:00	10/12/21 19:09	1
Copper	28		1.5	mg/Kg		10/12/21 06:00	10/12/21 19:09	1
Molybdenum	ND		2.0	mg/Kg		10/12/21 06:00	10/12/21 19:09	1
Nickel	85		1.0	mg/Kg		10/12/21 06:00	10/12/21 19:09	1
Lead	13		1.0	mg/Kg		10/12/21 06:00	10/12/21 19:09	1
Selenium	ND		2.0	mg/Kg		10/12/21 06:00	10/12/21 19:09	1
Antimony	6.6		2.0	mg/Kg		10/12/21 06:00	10/12/21 19:09	1
Thallium	ND		2.0	mg/Kg		10/12/21 06:00	10/12/21 19:09	1
Vanadium	33		0.50	mg/Kg		10/12/21 06:00	10/12/21 19:09	1
Zinc	79		2.0	mg/Kg		10/12/21 06:00	10/12/21 19:09	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.15		0.040	mg/Kg		10/14/21 16:50	10/15/21 11:01	1

Client Sample ID: HA-145-3-S-11

Lab Sample ID: 320-79970-5

Date Collected: 10/06/21 12:25

Matrix: Solid

Date Received: 10/07/21 09:22

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C4-C12	ND		0.47	mg/Kg		10/07/21 21:09	10/11/21 16:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 131	10/07/21 21:09	10/11/21 16:11	1

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS - RA

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C4-C12	ND	H	0.47	mg/Kg		10/07/21 21:09	10/14/21 16:22	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-79970-1

Client Sample ID: HA-145-3-S-11

Lab Sample ID: 320-79970-5

Date Collected: 10/06/21 12:25

Matrix: Solid

Date Received: 10/07/21 09:22

Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 131			10/07/21 21:09	10/14/21 16:22	1
Method: 8260B - Volatile Organic Compounds (GC/MS)								
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	67		19	ug/Kg		10/07/21 21:09	10/11/21 16:11	1
Benzene	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 16:11	1
Bromobenzene	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 16:11	1
Bromochloromethane	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 16:11	1
Bromodichloromethane	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 16:11	1
Bromoform	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 16:11	1
Bromomethane	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 16:11	1
2-Butanone (MEK)	10		9.5	ug/Kg		10/07/21 21:09	10/11/21 16:11	1
n-Butylbenzene	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 16:11	1
sec-Butylbenzene	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 16:11	1
tert-Butylbenzene	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 16:11	1
Carbon disulfide	ND		9.5	ug/Kg		10/07/21 21:09	10/11/21 16:11	1
Carbon tetrachloride	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 16:11	1
Chlorobenzene	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 16:11	1
Chloroethane	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 16:11	1
Chloroform	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 16:11	1
Chloromethane	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 16:11	1
2-Chlorotoluene	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 16:11	1
4-Chlorotoluene	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 16:11	1
1,2-Dibromo-3-Chloropropane	ND		9.5	ug/Kg		10/07/21 21:09	10/11/21 16:11	1
1,2-Dibromoethane (EDB)	ND		9.5	ug/Kg		10/07/21 21:09	10/11/21 16:11	1
Dibromochloromethane	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 16:11	1
Dibromomethane	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 16:11	1
1,2-Dichlorobenzene	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 16:11	1
1,3-Dichlorobenzene	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 16:11	1
1,4-Dichlorobenzene	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 16:11	1
Dichlorodifluoromethane	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 16:11	1
1,1-Dichloroethane	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 16:11	1
1,2-Dichloroethane	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 16:11	1
cis-1,2-Dichloroethene	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 16:11	1
trans-1,2-Dichloroethene	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 16:11	1
1,1-Dichloroethene	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 16:11	1
1,2-Dichloropropane	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 16:11	1
1,3-Dichloropropane	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 16:11	1
2,2-Dichloropropane	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 16:11	1
cis-1,3-Dichloropropene	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 16:11	1
trans-1,3-Dichloropropene	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 16:11	1
1,1-Dichloropropene	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 16:11	1
Ethylbenzene	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 16:11	1
Hexachlorobutadiene	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 16:11	1
2-Hexanone	ND		9.5	ug/Kg		10/07/21 21:09	10/11/21 16:11	1
Isopropylbenzene	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 16:11	1
p-Isopropyltoluene	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 16:11	1
4-Methyl-2-pentanone (MIBK)	ND		9.5	ug/Kg		10/07/21 21:09	10/11/21 16:11	1
Methyl tert-butyl ether	ND		9.5	ug/Kg		10/07/21 21:09	10/11/21 16:11	1
Methylene Chloride	ND		9.5	ug/Kg		10/07/21 21:09	10/11/21 16:11	1

Euofins TestAmerica, Sacramento

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-79970-1

Client Sample ID: HA-145-3-S-11

Lab Sample ID: 320-79970-5

Date Collected: 10/06/21 12:25

Matrix: Solid

Date Received: 10/07/21 09:22

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 16:11	1
N-Propylbenzene	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 16:11	1
Styrene	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 16:11	1
1,1,1,2-Tetrachloroethane	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 16:11	1
1,1,2,2-Tetrachloroethane	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 16:11	1
Tetrachloroethene	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 16:11	1
Toluene	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 16:11	1
1,2,3-Trichlorobenzene	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 16:11	1
1,2,4-Trichlorobenzene	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 16:11	1
1,1,1-Trichloroethane	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 16:11	1
1,1,2-Trichloroethane	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 16:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.5	ug/Kg		10/07/21 21:09	10/11/21 16:11	1
Trichloroethene	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 16:11	1
Trichlorofluoromethane	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 16:11	1
1,2,3-Trichloropropane	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 16:11	1
1,2,4-Trimethylbenzene	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 16:11	1
1,3,5-Trimethylbenzene	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 16:11	1
Vinyl acetate	ND		9.5	ug/Kg		10/07/21 21:09	10/11/21 16:11	1
Vinyl chloride	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 16:11	1
m-Xylene & p-Xylene	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 16:11	1
o-Xylene	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 16:11	1
Xylenes, Total	ND		4.7	ug/Kg		10/07/21 21:09	10/11/21 16:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		63 - 143	10/07/21 21:09	10/11/21 16:11	1
1,2-Dichloroethane-d4 (Surr)	100		32 - 156	10/07/21 21:09	10/11/21 16:11	1
Toluene-d8 (Surr)	111		63 - 138	10/07/21 21:09	10/11/21 16:11	1
Dibromofluoromethane (Surr)	104		55 - 129	10/07/21 21:09	10/11/21 16:11	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	1.2		0.98	mg/Kg		10/12/21 12:35	10/13/21 16:35	1
Motor Oil Range Organics [C28-C40]	ND		4.9	mg/Kg		10/12/21 12:35	10/13/21 16:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl (Surr)	70		51 - 111	10/12/21 12:35	10/13/21 16:35	1

Client Sample ID: HA-145-4-S-2.5

Lab Sample ID: 320-79970-6

Date Collected: 10/06/21 10:40

Matrix: Solid

Date Received: 10/07/21 09:22

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C4-C12	ND		0.29	mg/Kg		10/07/21 21:09	10/11/21 16:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 131	10/07/21 21:09	10/11/21 16:33	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-79970-1

Client Sample ID: HA-145-4-S-2.5

Lab Sample ID: 320-79970-6

Date Collected: 10/06/21 10:40

Matrix: Solid

Date Received: 10/07/21 09:22

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS - RA

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C4-C12	ND	H	0.29	mg/Kg		10/07/21 21:09	10/14/21 16:44	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 131			10/07/21 21:09	10/14/21 16:44	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		12	ug/Kg		10/07/21 21:09	10/11/21 16:33	1
Benzene	ND		2.9	ug/Kg		10/07/21 21:09	10/11/21 16:33	1
Bromobenzene	ND		2.9	ug/Kg		10/07/21 21:09	10/11/21 16:33	1
Bromochloromethane	ND		2.9	ug/Kg		10/07/21 21:09	10/11/21 16:33	1
Bromodichloromethane	ND		2.9	ug/Kg		10/07/21 21:09	10/11/21 16:33	1
Bromoform	ND		2.9	ug/Kg		10/07/21 21:09	10/11/21 16:33	1
Bromomethane	ND		2.9	ug/Kg		10/07/21 21:09	10/11/21 16:33	1
2-Butanone (MEK)	ND		5.8	ug/Kg		10/07/21 21:09	10/11/21 16:33	1
n-Butylbenzene	ND		2.9	ug/Kg		10/07/21 21:09	10/11/21 16:33	1
sec-Butylbenzene	ND		2.9	ug/Kg		10/07/21 21:09	10/11/21 16:33	1
tert-Butylbenzene	ND		2.9	ug/Kg		10/07/21 21:09	10/11/21 16:33	1
Carbon disulfide	ND		5.8	ug/Kg		10/07/21 21:09	10/11/21 16:33	1
Carbon tetrachloride	ND		2.9	ug/Kg		10/07/21 21:09	10/11/21 16:33	1
Chlorobenzene	ND		2.9	ug/Kg		10/07/21 21:09	10/11/21 16:33	1
Chloroethane	ND		2.9	ug/Kg		10/07/21 21:09	10/11/21 16:33	1
Chloroform	ND		2.9	ug/Kg		10/07/21 21:09	10/11/21 16:33	1
Chloromethane	ND		2.9	ug/Kg		10/07/21 21:09	10/11/21 16:33	1
2-Chlorotoluene	ND		2.9	ug/Kg		10/07/21 21:09	10/11/21 16:33	1
4-Chlorotoluene	ND		2.9	ug/Kg		10/07/21 21:09	10/11/21 16:33	1
1,2-Dibromo-3-Chloropropane	ND		5.8	ug/Kg		10/07/21 21:09	10/11/21 16:33	1
1,2-Dibromoethane (EDB)	ND		5.8	ug/Kg		10/07/21 21:09	10/11/21 16:33	1
Dibromochloromethane	ND		2.9	ug/Kg		10/07/21 21:09	10/11/21 16:33	1
Dibromomethane	ND		2.9	ug/Kg		10/07/21 21:09	10/11/21 16:33	1
1,2-Dichlorobenzene	ND		2.9	ug/Kg		10/07/21 21:09	10/11/21 16:33	1
1,3-Dichlorobenzene	ND		2.9	ug/Kg		10/07/21 21:09	10/11/21 16:33	1
1,4-Dichlorobenzene	ND		2.9	ug/Kg		10/07/21 21:09	10/11/21 16:33	1
Dichlorodifluoromethane	ND		2.9	ug/Kg		10/07/21 21:09	10/11/21 16:33	1
1,1-Dichloroethane	ND		2.9	ug/Kg		10/07/21 21:09	10/11/21 16:33	1
1,2-Dichloroethane	ND		2.9	ug/Kg		10/07/21 21:09	10/11/21 16:33	1
cis-1,2-Dichloroethene	ND		2.9	ug/Kg		10/07/21 21:09	10/11/21 16:33	1
trans-1,2-Dichloroethene	ND		2.9	ug/Kg		10/07/21 21:09	10/11/21 16:33	1
1,1-Dichloroethene	ND		2.9	ug/Kg		10/07/21 21:09	10/11/21 16:33	1
1,2-Dichloropropane	ND		2.9	ug/Kg		10/07/21 21:09	10/11/21 16:33	1
1,3-Dichloropropane	ND		2.9	ug/Kg		10/07/21 21:09	10/11/21 16:33	1
2,2-Dichloropropane	ND		2.9	ug/Kg		10/07/21 21:09	10/11/21 16:33	1
cis-1,3-Dichloropropene	ND		2.9	ug/Kg		10/07/21 21:09	10/11/21 16:33	1
trans-1,3-Dichloropropene	ND		2.9	ug/Kg		10/07/21 21:09	10/11/21 16:33	1
1,1-Dichloropropene	ND		2.9	ug/Kg		10/07/21 21:09	10/11/21 16:33	1
Ethylbenzene	ND		2.9	ug/Kg		10/07/21 21:09	10/11/21 16:33	1
Hexachlorobutadiene	ND		2.9	ug/Kg		10/07/21 21:09	10/11/21 16:33	1
2-Hexanone	ND		5.8	ug/Kg		10/07/21 21:09	10/11/21 16:33	1
Isopropylbenzene	ND		2.9	ug/Kg		10/07/21 21:09	10/11/21 16:33	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-79970-1

Client Sample ID: HA-145-4-S-2.5

Lab Sample ID: 320-79970-6

Date Collected: 10/06/21 10:40

Matrix: Solid

Date Received: 10/07/21 09:22

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
p-Isopropyltoluene	ND		2.9	ug/Kg		10/07/21 21:09	10/11/21 16:33	1
4-Methyl-2-pentanone (MIBK)	ND		5.8	ug/Kg		10/07/21 21:09	10/11/21 16:33	1
Methyl tert-butyl ether	ND		5.8	ug/Kg		10/07/21 21:09	10/11/21 16:33	1
Methylene Chloride	ND		5.8	ug/Kg		10/07/21 21:09	10/11/21 16:33	1
Naphthalene	ND		2.9	ug/Kg		10/07/21 21:09	10/11/21 16:33	1
N-Propylbenzene	ND		2.9	ug/Kg		10/07/21 21:09	10/11/21 16:33	1
Styrene	ND		2.9	ug/Kg		10/07/21 21:09	10/11/21 16:33	1
1,1,1,2-Tetrachloroethane	ND		2.9	ug/Kg		10/07/21 21:09	10/11/21 16:33	1
1,1,2,2-Tetrachloroethane	ND		2.9	ug/Kg		10/07/21 21:09	10/11/21 16:33	1
Tetrachloroethene	ND		2.9	ug/Kg		10/07/21 21:09	10/11/21 16:33	1
Toluene	ND		2.9	ug/Kg		10/07/21 21:09	10/11/21 16:33	1
1,2,3-Trichlorobenzene	ND		2.9	ug/Kg		10/07/21 21:09	10/11/21 16:33	1
1,2,4-Trichlorobenzene	ND		2.9	ug/Kg		10/07/21 21:09	10/11/21 16:33	1
1,1,1-Trichloroethane	ND		2.9	ug/Kg		10/07/21 21:09	10/11/21 16:33	1
1,1,2-Trichloroethane	ND		2.9	ug/Kg		10/07/21 21:09	10/11/21 16:33	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.8	ug/Kg		10/07/21 21:09	10/11/21 16:33	1
Trichloroethene	ND		2.9	ug/Kg		10/07/21 21:09	10/11/21 16:33	1
Trichlorofluoromethane	ND		2.9	ug/Kg		10/07/21 21:09	10/11/21 16:33	1
1,2,3-Trichloropropane	ND		2.9	ug/Kg		10/07/21 21:09	10/11/21 16:33	1
1,2,4-Trimethylbenzene	ND		2.9	ug/Kg		10/07/21 21:09	10/11/21 16:33	1
1,3,5-Trimethylbenzene	ND		2.9	ug/Kg		10/07/21 21:09	10/11/21 16:33	1
Vinyl acetate	ND		5.8	ug/Kg		10/07/21 21:09	10/11/21 16:33	1
Vinyl chloride	ND		2.9	ug/Kg		10/07/21 21:09	10/11/21 16:33	1
m-Xylene & p-Xylene	ND		2.9	ug/Kg		10/07/21 21:09	10/11/21 16:33	1
o-Xylene	ND		2.9	ug/Kg		10/07/21 21:09	10/11/21 16:33	1
Xylenes, Total	ND		2.9	ug/Kg		10/07/21 21:09	10/11/21 16:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		63 - 143	10/07/21 21:09	10/11/21 16:33	1
1,2-Dichloroethane-d4 (Surr)	109		32 - 156	10/07/21 21:09	10/11/21 16:33	1
Toluene-d8 (Surr)	112		63 - 138	10/07/21 21:09	10/11/21 16:33	1
Dibromofluoromethane (Surr)	105		55 - 129	10/07/21 21:09	10/11/21 16:33	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	1.7		0.99	mg/Kg		10/12/21 12:35	10/13/21 17:03	1
Motor Oil Range Organics [C28-C40]	ND		4.9	mg/Kg		10/12/21 12:35	10/13/21 17:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl (Surr)	73		51 - 111	10/12/21 12:35	10/13/21 17:03	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.48	mg/Kg		10/12/21 06:00	10/12/21 19:12	1
Arsenic	11		1.9	mg/Kg		10/12/21 06:00	10/12/21 19:12	1
Barium	62	F1	0.95	mg/Kg		10/12/21 06:00	10/12/21 19:12	1
Beryllium	0.63		0.19	mg/Kg		10/12/21 06:00	10/12/21 19:12	1
Cadmium	ND		0.19	mg/Kg		10/12/21 06:00	10/12/21 19:12	1
Cobalt	52	F1	0.48	mg/Kg		10/12/21 06:00	10/12/21 19:12	1
Chromium	560		0.48	mg/Kg		10/12/21 06:00	10/12/21 19:12	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-79970-1

Client Sample ID: HA-145-4-S-2.5

Lab Sample ID: 320-79970-6

Date Collected: 10/06/21 10:40

Matrix: Solid

Date Received: 10/07/21 09:22

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	20		1.4	mg/Kg		10/12/21 06:00	10/12/21 19:12	1
Molybdenum	ND		1.9	mg/Kg		10/12/21 06:00	10/12/21 19:12	1
Nickel	980		0.95	mg/Kg		10/12/21 06:00	10/12/21 19:12	1
Lead	4.0		0.95	mg/Kg		10/12/21 06:00	10/12/21 19:12	1
Selenium	ND		1.9	mg/Kg		10/12/21 06:00	10/12/21 19:12	1
Antimony	21	F1	1.9	mg/Kg		10/12/21 06:00	10/12/21 19:12	1
Thallium	ND	F1	1.9	mg/Kg		10/12/21 06:00	10/12/21 19:12	1
Vanadium	45		0.48	mg/Kg		10/12/21 06:00	10/12/21 19:12	1
Zinc	32		1.9	mg/Kg		10/12/21 06:00	10/12/21 19:12	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.062		0.044	mg/Kg		10/14/21 16:50	10/15/21 11:02	1

Client Sample ID: HA-145-4-S-6

Lab Sample ID: 320-79970-7

Date Collected: 10/06/21 10:50

Matrix: Solid

Date Received: 10/07/21 09:22

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C4-C12	ND		0.63	mg/Kg		10/07/21 21:09	10/11/21 16:56	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 131			10/07/21 21:09	10/11/21 16:56	1

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS - RA

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C4-C12	ND	H	0.63	mg/Kg		10/07/21 21:09	10/14/21 17:06	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 131			10/07/21 21:09	10/14/21 17:06	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25	ug/Kg		10/07/21 21:09	10/11/21 16:56	1
Benzene	ND		6.3	ug/Kg		10/07/21 21:09	10/11/21 16:56	1
Bromobenzene	ND		6.3	ug/Kg		10/07/21 21:09	10/11/21 16:56	1
Bromochloromethane	ND		6.3	ug/Kg		10/07/21 21:09	10/11/21 16:56	1
Bromodichloromethane	ND		6.3	ug/Kg		10/07/21 21:09	10/11/21 16:56	1
Bromoform	ND		6.3	ug/Kg		10/07/21 21:09	10/11/21 16:56	1
Bromomethane	ND		6.3	ug/Kg		10/07/21 21:09	10/11/21 16:56	1
2-Butanone (MEK)	ND		13	ug/Kg		10/07/21 21:09	10/11/21 16:56	1
n-Butylbenzene	ND		6.3	ug/Kg		10/07/21 21:09	10/11/21 16:56	1
sec-Butylbenzene	ND		6.3	ug/Kg		10/07/21 21:09	10/11/21 16:56	1
tert-Butylbenzene	ND		6.3	ug/Kg		10/07/21 21:09	10/11/21 16:56	1
Carbon disulfide	ND		13	ug/Kg		10/07/21 21:09	10/11/21 16:56	1
Carbon tetrachloride	ND		6.3	ug/Kg		10/07/21 21:09	10/11/21 16:56	1
Chlorobenzene	ND		6.3	ug/Kg		10/07/21 21:09	10/11/21 16:56	1
Chloroethane	ND		6.3	ug/Kg		10/07/21 21:09	10/11/21 16:56	1
Chloroform	ND		6.3	ug/Kg		10/07/21 21:09	10/11/21 16:56	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-79970-1

Client Sample ID: HA-145-4-S-6

Lab Sample ID: 320-79970-7

Date Collected: 10/06/21 10:50

Matrix: Solid

Date Received: 10/07/21 09:22

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	ND		6.3	ug/Kg		10/07/21 21:09	10/11/21 16:56	1
2-Chlorotoluene	ND		6.3	ug/Kg		10/07/21 21:09	10/11/21 16:56	1
4-Chlorotoluene	ND		6.3	ug/Kg		10/07/21 21:09	10/11/21 16:56	1
1,2-Dibromo-3-Chloropropane	ND		13	ug/Kg		10/07/21 21:09	10/11/21 16:56	1
1,2-Dibromoethane (EDB)	ND		13	ug/Kg		10/07/21 21:09	10/11/21 16:56	1
Dibromochloromethane	ND		6.3	ug/Kg		10/07/21 21:09	10/11/21 16:56	1
Dibromomethane	ND		6.3	ug/Kg		10/07/21 21:09	10/11/21 16:56	1
1,2-Dichlorobenzene	ND		6.3	ug/Kg		10/07/21 21:09	10/11/21 16:56	1
1,3-Dichlorobenzene	ND		6.3	ug/Kg		10/07/21 21:09	10/11/21 16:56	1
1,4-Dichlorobenzene	ND		6.3	ug/Kg		10/07/21 21:09	10/11/21 16:56	1
Dichlorodifluoromethane	ND		6.3	ug/Kg		10/07/21 21:09	10/11/21 16:56	1
1,1-Dichloroethane	ND		6.3	ug/Kg		10/07/21 21:09	10/11/21 16:56	1
1,2-Dichloroethane	ND		6.3	ug/Kg		10/07/21 21:09	10/11/21 16:56	1
cis-1,2-Dichloroethene	ND		6.3	ug/Kg		10/07/21 21:09	10/11/21 16:56	1
trans-1,2-Dichloroethene	ND		6.3	ug/Kg		10/07/21 21:09	10/11/21 16:56	1
1,1-Dichloroethene	ND		6.3	ug/Kg		10/07/21 21:09	10/11/21 16:56	1
1,2-Dichloropropane	ND		6.3	ug/Kg		10/07/21 21:09	10/11/21 16:56	1
1,3-Dichloropropane	ND		6.3	ug/Kg		10/07/21 21:09	10/11/21 16:56	1
2,2-Dichloropropane	ND		6.3	ug/Kg		10/07/21 21:09	10/11/21 16:56	1
cis-1,3-Dichloropropene	ND		6.3	ug/Kg		10/07/21 21:09	10/11/21 16:56	1
trans-1,3-Dichloropropene	ND		6.3	ug/Kg		10/07/21 21:09	10/11/21 16:56	1
1,1-Dichloropropene	ND		6.3	ug/Kg		10/07/21 21:09	10/11/21 16:56	1
Ethylbenzene	ND		6.3	ug/Kg		10/07/21 21:09	10/11/21 16:56	1
Hexachlorobutadiene	ND		6.3	ug/Kg		10/07/21 21:09	10/11/21 16:56	1
2-Hexanone	ND		13	ug/Kg		10/07/21 21:09	10/11/21 16:56	1
Isopropylbenzene	ND		6.3	ug/Kg		10/07/21 21:09	10/11/21 16:56	1
p-Isopropyltoluene	ND		6.3	ug/Kg		10/07/21 21:09	10/11/21 16:56	1
4-Methyl-2-pentanone (MIBK)	ND		13	ug/Kg		10/07/21 21:09	10/11/21 16:56	1
Methyl tert-butyl ether	ND		13	ug/Kg		10/07/21 21:09	10/11/21 16:56	1
Methylene Chloride	ND		13	ug/Kg		10/07/21 21:09	10/11/21 16:56	1
Naphthalene	ND		6.3	ug/Kg		10/07/21 21:09	10/11/21 16:56	1
N-Propylbenzene	ND		6.3	ug/Kg		10/07/21 21:09	10/11/21 16:56	1
Styrene	ND		6.3	ug/Kg		10/07/21 21:09	10/11/21 16:56	1
1,1,1,2-Tetrachloroethane	ND		6.3	ug/Kg		10/07/21 21:09	10/11/21 16:56	1
1,1,2,2-Tetrachloroethane	ND		6.3	ug/Kg		10/07/21 21:09	10/11/21 16:56	1
Tetrachloroethene	ND		6.3	ug/Kg		10/07/21 21:09	10/11/21 16:56	1
Toluene	ND		6.3	ug/Kg		10/07/21 21:09	10/11/21 16:56	1
1,2,3-Trichlorobenzene	ND		6.3	ug/Kg		10/07/21 21:09	10/11/21 16:56	1
1,2,4-Trichlorobenzene	ND		6.3	ug/Kg		10/07/21 21:09	10/11/21 16:56	1
1,1,1-Trichloroethane	ND		6.3	ug/Kg		10/07/21 21:09	10/11/21 16:56	1
1,1,2-Trichloroethane	ND		6.3	ug/Kg		10/07/21 21:09	10/11/21 16:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		13	ug/Kg		10/07/21 21:09	10/11/21 16:56	1
Trichloroethene	ND		6.3	ug/Kg		10/07/21 21:09	10/11/21 16:56	1
Trichlorofluoromethane	ND		6.3	ug/Kg		10/07/21 21:09	10/11/21 16:56	1
1,2,3-Trichloropropane	ND		6.3	ug/Kg		10/07/21 21:09	10/11/21 16:56	1
1,2,4-Trimethylbenzene	ND		6.3	ug/Kg		10/07/21 21:09	10/11/21 16:56	1
1,3,5-Trimethylbenzene	ND		6.3	ug/Kg		10/07/21 21:09	10/11/21 16:56	1
Vinyl acetate	ND		13	ug/Kg		10/07/21 21:09	10/11/21 16:56	1
Vinyl chloride	ND		6.3	ug/Kg		10/07/21 21:09	10/11/21 16:56	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-79970-1

Client Sample ID: HA-145-4-S-6

Lab Sample ID: 320-79970-7

Date Collected: 10/06/21 10:50

Matrix: Solid

Date Received: 10/07/21 09:22

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	ND		6.3	ug/Kg		10/07/21 21:09	10/11/21 16:56	1
o-Xylene	ND		6.3	ug/Kg		10/07/21 21:09	10/11/21 16:56	1
Xylenes, Total	ND		6.3	ug/Kg		10/07/21 21:09	10/11/21 16:56	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		63 - 143			10/07/21 21:09	10/11/21 16:56	1
1,2-Dichloroethane-d4 (Surr)	103		32 - 156			10/07/21 21:09	10/11/21 16:56	1
Toluene-d8 (Surr)	109		63 - 138			10/07/21 21:09	10/11/21 16:56	1
Dibromofluoromethane (Surr)	103		55 - 129			10/07/21 21:09	10/11/21 16:56	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	1.4		0.97	mg/Kg		10/12/21 12:35	10/13/21 17:32	1
Motor Oil Range Organics [C28-C40]	ND		4.9	mg/Kg		10/12/21 12:35	10/13/21 17:32	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
o-Terphenyl (Surr)	70		51 - 111			10/12/21 12:35	10/13/21 17:32	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.51	mg/Kg		10/12/21 06:00	10/12/21 19:39	1
Arsenic	6.8		2.0	mg/Kg		10/12/21 06:00	10/12/21 19:39	1
Barium	84		1.0	mg/Kg		10/12/21 06:00	10/12/21 19:39	1
Beryllium	0.81		0.20	mg/Kg		10/12/21 06:00	10/12/21 19:39	1
Cadmium	ND		0.20	mg/Kg		10/12/21 06:00	10/12/21 19:39	1
Cobalt	13		0.51	mg/Kg		10/12/21 06:00	10/12/21 19:39	1
Chromium	69		0.51	mg/Kg		10/12/21 06:00	10/12/21 19:39	1
Copper	25		1.5	mg/Kg		10/12/21 06:00	10/12/21 19:39	1
Molybdenum	ND		2.0	mg/Kg		10/12/21 06:00	10/12/21 19:39	1
Nickel	96		1.0	mg/Kg		10/12/21 06:00	10/12/21 19:39	1
Lead	8.5		1.0	mg/Kg		10/12/21 06:00	10/12/21 19:39	1
Selenium	ND		2.0	mg/Kg		10/12/21 06:00	10/12/21 19:39	1
Antimony	9.3		2.0	mg/Kg		10/12/21 06:00	10/12/21 19:39	1
Thallium	ND		2.0	mg/Kg		10/12/21 06:00	10/12/21 19:39	1
Vanadium	52		0.51	mg/Kg		10/12/21 06:00	10/12/21 19:39	1
Zinc	42		2.0	mg/Kg		10/12/21 06:00	10/12/21 19:39	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.24		0.040	mg/Kg		10/14/21 16:50	10/15/21 11:04	1

Surrogate Summary

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-79970-1

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 (63-143)	DCA (32-156)	TOL (63-138)	DBFM (55-129)
320-79970-1	HA-145-1-S-12	103	95	108	99
320-79970-2	HA-145-2-S-8-9.5	98	99	110	103
320-79970-3	HA-145-3-S-2.5	105	104	113	105
320-79970-4	HA-145-3-S-6	107	103	112	104
320-79970-5	HA-145-3-S-11	100	100	111	104
320-79970-6	HA-145-4-S-2.5	107	109	112	105
320-79970-7	HA-145-4-S-6	103	103	109	103
LCS 320-532836/7	Lab Control Sample	108	97	113	104
LCSD 320-532836/8	Lab Control Sample Dup	107	101	115	106
MB 320-532836/10	Method Blank	104	99	109	103

Surrogate Legend

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

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		BFB (70-131)			
320-79970-1	HA-145-1-S-12	103			
320-79970-2	HA-145-2-S-8-9.5	98			
320-79970-3	HA-145-3-S-2.5	105			
320-79970-4	HA-145-3-S-6	107			
320-79970-5	HA-145-3-S-11	100			
320-79970-5 - RA	HA-145-3-S-11	101			
320-79970-6	HA-145-4-S-2.5	107			
320-79970-6 - RA	HA-145-4-S-2.5	98			
320-79970-7	HA-145-4-S-6	103			
320-79970-7 - RA	HA-145-4-S-6	98			
LCS 320-532835/5	Lab Control Sample	109			
LCS 320-533616/5	Lab Control Sample	101			
LCS 320-534009/6	Lab Control Sample	101			
LCSD 320-532835/6	Lab Control Sample Dup	107			
LCSD 320-533616/28	Lab Control Sample Dup	103			
LCSD 320-534009/31	Lab Control Sample Dup	100			
MB 320-532835/10	Method Blank	104			
MB 320-533616/10	Method Blank	101			
MB 320-534009/10	Method Blank	99			

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

Surrogate Summary

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-79970-1

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

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	OTPH1 (51-111)
320-79970-1	HA-145-1-S-12	73
320-79970-2	HA-145-2-S-8-9.5	69
320-79970-3	HA-145-3-S-2.5	75
320-79970-4	HA-145-3-S-6	76
320-79970-5	HA-145-3-S-11	70
320-79970-6	HA-145-4-S-2.5	73
320-79970-7	HA-145-4-S-6	70
LCS 320-533278/2-A	Lab Control Sample	82
MB 320-533278/1-A	Method Blank	77

Surrogate Legend

OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-79970-1

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

Lab Sample ID: MB 320-532836/10

Matrix: Solid

Analysis Batch: 532836

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		20	ug/Kg			10/11/21 11:20	1
Benzene	ND		5.0	ug/Kg			10/11/21 11:20	1
Bromobenzene	ND		5.0	ug/Kg			10/11/21 11:20	1
Bromochloromethane	ND		5.0	ug/Kg			10/11/21 11:20	1
Bromodichloromethane	ND		5.0	ug/Kg			10/11/21 11:20	1
Bromoform	ND		5.0	ug/Kg			10/11/21 11:20	1
Bromomethane	ND		5.0	ug/Kg			10/11/21 11:20	1
2-Butanone (MEK)	ND		10	ug/Kg			10/11/21 11:20	1
n-Butylbenzene	ND		5.0	ug/Kg			10/11/21 11:20	1
sec-Butylbenzene	ND		5.0	ug/Kg			10/11/21 11:20	1
tert-Butylbenzene	ND		5.0	ug/Kg			10/11/21 11:20	1
Carbon disulfide	ND		10	ug/Kg			10/11/21 11:20	1
Carbon tetrachloride	ND		5.0	ug/Kg			10/11/21 11:20	1
Chlorobenzene	ND		5.0	ug/Kg			10/11/21 11:20	1
Chloroethane	ND		5.0	ug/Kg			10/11/21 11:20	1
Chloroform	ND		5.0	ug/Kg			10/11/21 11:20	1
Chloromethane	ND		5.0	ug/Kg			10/11/21 11:20	1
2-Chlorotoluene	ND		5.0	ug/Kg			10/11/21 11:20	1
4-Chlorotoluene	ND		5.0	ug/Kg			10/11/21 11:20	1
1,2-Dibromo-3-Chloropropane	ND		10	ug/Kg			10/11/21 11:20	1
1,2-Dibromoethane (EDB)	ND		10	ug/Kg			10/11/21 11:20	1
Dibromochloromethane	ND		5.0	ug/Kg			10/11/21 11:20	1
Dibromomethane	ND		5.0	ug/Kg			10/11/21 11:20	1
1,2-Dichlorobenzene	ND		5.0	ug/Kg			10/11/21 11:20	1
1,3-Dichlorobenzene	ND		5.0	ug/Kg			10/11/21 11:20	1
1,4-Dichlorobenzene	ND		5.0	ug/Kg			10/11/21 11:20	1
Dichlorodifluoromethane	ND		5.0	ug/Kg			10/11/21 11:20	1
1,1-Dichloroethane	ND		5.0	ug/Kg			10/11/21 11:20	1
1,2-Dichloroethane	ND		5.0	ug/Kg			10/11/21 11:20	1
cis-1,2-Dichloroethene	ND		5.0	ug/Kg			10/11/21 11:20	1
trans-1,2-Dichloroethene	ND		5.0	ug/Kg			10/11/21 11:20	1
1,1-Dichloroethene	ND		5.0	ug/Kg			10/11/21 11:20	1
1,2-Dichloropropane	ND		5.0	ug/Kg			10/11/21 11:20	1
1,3-Dichloropropane	ND		5.0	ug/Kg			10/11/21 11:20	1
2,2-Dichloropropane	ND		5.0	ug/Kg			10/11/21 11:20	1
cis-1,3-Dichloropropene	ND		5.0	ug/Kg			10/11/21 11:20	1
trans-1,3-Dichloropropene	ND		5.0	ug/Kg			10/11/21 11:20	1
1,1-Dichloropropene	ND		5.0	ug/Kg			10/11/21 11:20	1
Ethylbenzene	ND		5.0	ug/Kg			10/11/21 11:20	1
Hexachlorobutadiene	ND		5.0	ug/Kg			10/11/21 11:20	1
2-Hexanone	ND		10	ug/Kg			10/11/21 11:20	1
Isopropylbenzene	ND		5.0	ug/Kg			10/11/21 11:20	1
p-Isopropyltoluene	ND		5.0	ug/Kg			10/11/21 11:20	1
4-Methyl-2-pentanone (MIBK)	ND		10	ug/Kg			10/11/21 11:20	1
Methyl tert-butyl ether	ND		10	ug/Kg			10/11/21 11:20	1
Methylene Chloride	ND		10	ug/Kg			10/11/21 11:20	1
Naphthalene	ND		5.0	ug/Kg			10/11/21 11:20	1
N-Propylbenzene	ND		5.0	ug/Kg			10/11/21 11:20	1

Eurofins TestAmerica, Sacramento

QC Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-79970-1

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

Lab Sample ID: MB 320-532836/10

Matrix: Solid

Analysis Batch: 532836

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		5.0	ug/Kg			10/11/21 11:20	1
1,1,1,2-Tetrachloroethane	ND		5.0	ug/Kg			10/11/21 11:20	1
1,1,2,2-Tetrachloroethane	ND		5.0	ug/Kg			10/11/21 11:20	1
Tetrachloroethene	ND		5.0	ug/Kg			10/11/21 11:20	1
Toluene	ND		5.0	ug/Kg			10/11/21 11:20	1
1,2,3-Trichlorobenzene	ND		5.0	ug/Kg			10/11/21 11:20	1
1,2,4-Trichlorobenzene	ND		5.0	ug/Kg			10/11/21 11:20	1
1,1,1-Trichloroethane	ND		5.0	ug/Kg			10/11/21 11:20	1
1,1,2-Trichloroethane	ND		5.0	ug/Kg			10/11/21 11:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	ug/Kg			10/11/21 11:20	1
Trichloroethene	ND		5.0	ug/Kg			10/11/21 11:20	1
Trichlorofluoromethane	ND		5.0	ug/Kg			10/11/21 11:20	1
1,2,3-Trichloropropane	ND		5.0	ug/Kg			10/11/21 11:20	1
1,2,4-Trimethylbenzene	ND		5.0	ug/Kg			10/11/21 11:20	1
1,3,5-Trimethylbenzene	ND		5.0	ug/Kg			10/11/21 11:20	1
Vinyl acetate	ND		10	ug/Kg			10/11/21 11:20	1
Vinyl chloride	ND		5.0	ug/Kg			10/11/21 11:20	1
m-Xylene & p-Xylene	ND		5.0	ug/Kg			10/11/21 11:20	1
o-Xylene	ND		5.0	ug/Kg			10/11/21 11:20	1
Xylenes, Total	ND		5.0	ug/Kg			10/11/21 11:20	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		63 - 143		10/11/21 11:20	1
1,2-Dichloroethane-d4 (Surr)	99		32 - 156		10/11/21 11:20	1
Toluene-d8 (Surr)	109		63 - 138		10/11/21 11:20	1
Dibromofluoromethane (Surr)	103		55 - 129		10/11/21 11:20	1

Lab Sample ID: LCS 320-532836/7

Matrix: Solid

Analysis Batch: 532836

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	125	132		ug/Kg		106	64 - 128
Benzene	50.0	52.3		ug/Kg		105	78 - 128
Bromobenzene	50.0	53.8		ug/Kg		108	67 - 132
Bromochloromethane	50.0	51.9		ug/Kg		104	80 - 127
Bromodichloromethane	50.0	51.9		ug/Kg		104	80 - 137
Bromoform	50.0	50.6		ug/Kg		101	80 - 136
Bromomethane	50.0	50.6		ug/Kg		101	48 - 164
2-Butanone (MEK)	125	108		ug/Kg		86	71 - 142
n-Butylbenzene	50.0	54.2		ug/Kg		108	68 - 136
sec-Butylbenzene	50.0	54.8		ug/Kg		110	68 - 131
tert-Butylbenzene	50.0	56.3		ug/Kg		113	67 - 131
Carbon disulfide	50.0	51.8		ug/Kg		104	52 - 145
Carbon tetrachloride	50.0	54.1		ug/Kg		108	62 - 154
Chlorobenzene	50.0	52.0		ug/Kg		104	74 - 125
Chloroethane	50.0	50.5		ug/Kg		101	54 - 148
Chloroform	50.0	52.1		ug/Kg		104	78 - 135

Eurofins TestAmerica, Sacramento

QC Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-79970-1

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

Lab Sample ID: LCS 320-532836/7

Matrix: Solid

Analysis Batch: 532836

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	48.8		ug/Kg		98	60 - 141
2-Chlorotoluene	50.0	55.3		ug/Kg		111	64 - 127
4-Chlorotoluene	50.0	54.0		ug/Kg		108	67 - 128
1,2-Dibromo-3-Chloropropane	50.0	49.4		ug/Kg		99	75 - 137
1,2-Dibromoethane (EDB)	50.0	50.8		ug/Kg		102	80 - 124
Dibromochloromethane	50.0	51.3		ug/Kg		103	80 - 133
Dibromomethane	50.0	49.8		ug/Kg		100	80 - 129
1,2-Dichlorobenzene	50.0	51.9		ug/Kg		104	68 - 121
1,3-Dichlorobenzene	50.0	51.2		ug/Kg		102	64 - 126
1,4-Dichlorobenzene	50.0	50.9		ug/Kg		102	65 - 124
Dichlorodifluoromethane	50.0	43.6		ug/Kg		87	60 - 130
1,1-Dichloroethane	50.0	52.2		ug/Kg		104	76 - 134
1,2-Dichloroethane	50.0	50.9		ug/Kg		102	66 - 150
cis-1,2-Dichloroethene	50.0	51.7		ug/Kg		103	74 - 131
trans-1,2-Dichloroethene	50.0	51.6		ug/Kg		103	67 - 135
1,1-Dichloroethene	50.0	51.8		ug/Kg		104	66 - 136
1,2-Dichloropropane	50.0	51.6		ug/Kg		103	80 - 129
1,3-Dichloropropane	50.0	51.6		ug/Kg		103	80 - 123
2,2-Dichloropropane	50.0	53.2		ug/Kg		106	69 - 153
cis-1,3-Dichloropropene	50.0	51.5		ug/Kg		103	80 - 134
trans-1,3-Dichloropropene	50.0	51.7		ug/Kg		103	80 - 148
1,1-Dichloropropene	50.0	52.7		ug/Kg		105	76 - 132
Ethylbenzene	50.0	53.5		ug/Kg		107	72 - 125
Hexachlorobutadiene	50.0	56.2		ug/Kg		112	52 - 140
2-Hexanone	125	117		ug/Kg		93	78 - 143
Isopropylbenzene	50.0	54.0		ug/Kg		108	69 - 137
p-Isopropyltoluene	50.0	55.0		ug/Kg		110	64 - 137
4-Methyl-2-pentanone (MIBK)	125	117		ug/Kg		94	79 - 150
Methyl tert-butyl ether	50.0	56.2		ug/Kg		112	66 - 146
Methylene Chloride	50.0	52.0		ug/Kg		104	77 - 125
Naphthalene	50.0	56.0		ug/Kg		112	53 - 140
N-Propylbenzene	50.0	55.5		ug/Kg		111	63 - 128
Styrene	50.0	52.9		ug/Kg		106	79 - 128
1,1,1,2-Tetrachloroethane	50.0	54.8		ug/Kg		110	77 - 134
1,1,2,2-Tetrachloroethane	50.0	53.9		ug/Kg		108	71 - 134
Tetrachloroethene	50.0	53.3		ug/Kg		107	65 - 135
Toluene	50.0	54.2		ug/Kg		108	80 - 124
1,2,3-Trichlorobenzene	50.0	57.2		ug/Kg		114	54 - 140
1,2,4-Trichlorobenzene	50.0	55.3		ug/Kg		111	48 - 145
1,1,1-Trichloroethane	50.0	53.8		ug/Kg		108	67 - 150
1,1,2-Trichloroethane	50.0	51.3		ug/Kg		103	80 - 128
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	52.4		ug/Kg		105	62 - 138
Trichloroethene	50.0	51.3		ug/Kg		103	80 - 126
Trichlorofluoromethane	50.0	51.4		ug/Kg		103	43 - 158
1,2,3-Trichloropropane	50.0	51.8		ug/Kg		104	71 - 132
1,2,4-Trimethylbenzene	50.0	55.4		ug/Kg		111	64 - 137
1,3,5-Trimethylbenzene	50.0	55.7		ug/Kg		111	66 - 135
Vinyl acetate	50.0	54.3		ug/Kg		109	39 - 160

Eurofins TestAmerica, Sacramento

QC Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-79970-1

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

Lab Sample ID: LCS 320-532836/7

Matrix: Solid

Analysis Batch: 532836

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Vinyl chloride	50.0	52.5		ug/Kg		105	67 - 127
m-Xylene & p-Xylene	50.0	54.0		ug/Kg		108	73 - 128
o-Xylene	50.0	53.7		ug/Kg		107	76 - 127
Xylenes, Total	100	108		ug/Kg		108	75 - 122

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		63 - 143
1,2-Dichloroethane-d4 (Surr)	97		32 - 156
Toluene-d8 (Surr)	113		63 - 138
Dibromofluoromethane (Surr)	104		55 - 129

Lab Sample ID: LCSD 320-532836/8

Matrix: Solid

Analysis Batch: 532836

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
Acetone	125	122		ug/Kg		98	64 - 128	8	36
Benzene	50.0	54.0		ug/Kg		108	78 - 128	3	37
Bromobenzene	50.0	53.6		ug/Kg		107	67 - 132	0	40
Bromochloromethane	50.0	53.1		ug/Kg		106	80 - 127	2	36
Bromodichloromethane	50.0	54.2		ug/Kg		108	80 - 137	4	37
Bromoform	50.0	51.1		ug/Kg		102	80 - 136	1	45
Bromomethane	50.0	51.3		ug/Kg		103	48 - 164	1	38
2-Butanone (MEK)	125	103		ug/Kg		82	71 - 142	5	44
n-Butylbenzene	50.0	53.1		ug/Kg		106	68 - 136	2	37
sec-Butylbenzene	50.0	53.9		ug/Kg		108	68 - 131	2	40
tert-Butylbenzene	50.0	56.0		ug/Kg		112	67 - 131	0	42
Carbon disulfide	50.0	49.1		ug/Kg		98	52 - 145	5	46
Carbon tetrachloride	50.0	54.9		ug/Kg		110	62 - 154	1	43
Chlorobenzene	50.0	52.4		ug/Kg		105	74 - 125	1	38
Chloroethane	50.0	50.0		ug/Kg		100	54 - 148	1	34
Chloroform	50.0	53.7		ug/Kg		107	78 - 135	3	23
Chloromethane	50.0	48.8		ug/Kg		98	60 - 141	0	36
2-Chlorotoluene	50.0	54.1		ug/Kg		108	64 - 127	2	41
4-Chlorotoluene	50.0	53.4		ug/Kg		107	67 - 128	1	40
1,2-Dibromo-3-Chloropropane	50.0	51.0		ug/Kg		102	75 - 137	3	48
1,2-Dibromoethane (EDB)	50.0	53.1		ug/Kg		106	80 - 124	4	39
Dibromochloromethane	50.0	52.7		ug/Kg		105	80 - 133	3	24
Dibromomethane	50.0	52.4		ug/Kg		105	80 - 129	5	37
1,2-Dichlorobenzene	50.0	51.2		ug/Kg		102	68 - 121	1	28
1,3-Dichlorobenzene	50.0	51.4		ug/Kg		103	64 - 126	0	41
1,4-Dichlorobenzene	50.0	51.3		ug/Kg		103	65 - 124	1	38
Dichlorodifluoromethane	50.0	44.8		ug/Kg		90	60 - 130	3	46
1,1-Dichloroethane	50.0	53.4		ug/Kg		107	76 - 134	2	24
1,2-Dichloroethane	50.0	53.4		ug/Kg		107	66 - 150	5	36
cis-1,2-Dichloroethene	50.0	52.9		ug/Kg		106	74 - 131	2	37
trans-1,2-Dichloroethene	50.0	52.9		ug/Kg		106	67 - 135	3	37
1,1-Dichloroethene	50.0	51.1		ug/Kg		102	66 - 136	1	42

Eurofins TestAmerica, Sacramento

QC Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-79970-1

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

Lab Sample ID: LCSD 320-532836/8

Matrix: Solid

Analysis Batch: 532836

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2-Dichloropropane	50.0	53.5		ug/Kg		107	80 - 129	4	38
1,3-Dichloropropane	50.0	53.3		ug/Kg		107	80 - 123	3	39
2,2-Dichloropropane	50.0	52.5		ug/Kg		105	69 - 153	1	47
cis-1,3-Dichloropropene	50.0	55.1		ug/Kg		110	80 - 134	7	39
trans-1,3-Dichloropropene	50.0	55.7		ug/Kg		111	80 - 148	7	42
1,1-Dichloropropene	50.0	54.3		ug/Kg		109	76 - 132	3	38
Ethylbenzene	50.0	53.2		ug/Kg		106	72 - 125	1	41
Hexachlorobutadiene	50.0	53.1		ug/Kg		106	52 - 140	6	38
2-Hexanone	125	118		ug/Kg		94	78 - 143	1	73
Isopropylbenzene	50.0	53.5		ug/Kg		107	69 - 137	1	41
p-Isopropyltoluene	50.0	54.0		ug/Kg		108	64 - 137	2	40
4-Methyl-2-pentanone (MIBK)	125	113		ug/Kg		91	79 - 150	3	48
Methyl tert-butyl ether	50.0	54.0		ug/Kg		108	66 - 146	4	45
Methylene Chloride	50.0	54.1		ug/Kg		108	77 - 125	4	25
Naphthalene	50.0	55.3		ug/Kg		111	53 - 140	1	46
N-Propylbenzene	50.0	54.7		ug/Kg		109	63 - 128	1	42
Styrene	50.0	53.1		ug/Kg		106	79 - 128	0	40
1,1,1,2-Tetrachloroethane	50.0	54.3		ug/Kg		109	77 - 134	1	25
1,1,2,2-Tetrachloroethane	50.0	54.3		ug/Kg		109	71 - 134	1	31
Tetrachloroethene	50.0	53.0		ug/Kg		106	65 - 135	0	39
Toluene	50.0	53.9		ug/Kg		108	80 - 124	0	39
1,2,3-Trichlorobenzene	50.0	55.5		ug/Kg		111	54 - 140	3	42
1,2,4-Trichlorobenzene	50.0	53.8		ug/Kg		108	48 - 145	3	39
1,1,1-Trichloroethane	50.0	54.1		ug/Kg		108	67 - 150	1	43
1,1,2-Trichloroethane	50.0	53.2		ug/Kg		106	80 - 128	4	41
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	51.6		ug/Kg		103	62 - 138	1	22
Trichloroethene	50.0	52.8		ug/Kg		106	80 - 126	3	40
Trichlorofluoromethane	50.0	51.4		ug/Kg		103	43 - 158	0	32
1,2,3-Trichloropropane	50.0	53.2		ug/Kg		106	71 - 132	3	41
1,2,4-Trimethylbenzene	50.0	54.3		ug/Kg		109	64 - 137	2	41
1,3,5-Trimethylbenzene	50.0	55.0		ug/Kg		110	66 - 135	1	42
Vinyl acetate	50.0	57.5		ug/Kg		115	39 - 160	6	50
Vinyl chloride	50.0	51.6		ug/Kg		103	67 - 127	2	37
m-Xylene & p-Xylene	50.0	53.5		ug/Kg		107	73 - 128	1	40
o-Xylene	50.0	53.1		ug/Kg		106	76 - 127	1	40
Xylenes, Total	100	107		ug/Kg		107	75 - 122	1	15

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		63 - 143
1,2-Dichloroethane-d4 (Surr)	101		32 - 156
Toluene-d8 (Surr)	115		63 - 138
Dibromofluoromethane (Surr)	106		55 - 129

Eurofins TestAmerica, Sacramento

QC Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-79970-1

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 320-532835/10

Matrix: Solid

Analysis Batch: 532835

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C4-C12	ND		0.50	mg/Kg			10/11/21 11:20	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 131				10/11/21 11:20	1

Lab Sample ID: LCS 320-532835/5

Matrix: Solid

Analysis Batch: 532835

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)-C4-C12	1.00	0.927		mg/Kg		93	79 - 123
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	109		70 - 131				

Lab Sample ID: LCSD 320-532835/6

Matrix: Solid

Analysis Batch: 532835

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
Gasoline Range Organics (GRO)-C4-C12	1.00	0.913		mg/Kg		91	79 - 123	2	30
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
4-Bromofluorobenzene (Surr)	107		70 - 131						

Lab Sample ID: MB 320-533616/10

Matrix: Solid

Analysis Batch: 533616

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C4-C12	ND		0.50	mg/Kg			10/13/21 16:03	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 131				10/13/21 16:03	1

Lab Sample ID: LCS 320-533616/5

Matrix: Solid

Analysis Batch: 533616

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)-C4-C12	1.00	0.976		mg/Kg		98	79 - 123

Eurofins TestAmerica, Sacramento

QC Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-79970-1

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

Lab Sample ID: LCS 320-533616/5

Matrix: Solid

Analysis Batch: 533616

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 131

Lab Sample ID: LCSD 320-533616/28

Matrix: Solid

Analysis Batch: 533616

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
Gasoline Range Organics (GRO)-C4-C12	1.00	1.09		mg/Kg		109	79 - 123	11	30
Surrogate	%Recovery	LCSD	LCSD						
4-Bromofluorobenzene (Surr)	103								

Lab Sample ID: MB 320-534009/10

Matrix: Solid

Analysis Batch: 534009

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C4-C12	ND		0.50	mg/Kg			10/14/21 15:17	1
Surrogate	%Recovery	MB	MB					
4-Bromofluorobenzene (Surr)	99						10/14/21 15:17	1

Lab Sample ID: LCS 320-534009/6

Matrix: Solid

Analysis Batch: 534009

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)-C4-C12	1.00	0.908		mg/Kg		91	79 - 123		
Surrogate	%Recovery	LCS	LCS						
4-Bromofluorobenzene (Surr)	101								

Lab Sample ID: LCSD 320-534009/31

Matrix: Solid

Analysis Batch: 534009

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
Gasoline Range Organics (GRO)-C4-C12	1.00	1.06		mg/Kg		106	79 - 123	15	30
Surrogate	%Recovery	LCSD	LCSD						
4-Bromofluorobenzene (Surr)	100								

QC Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-79970-1

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

Lab Sample ID: MB 320-533278/1-A

Matrix: Solid

Analysis Batch: 533545

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 533278

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		1.0	mg/Kg		10/12/21 12:35	10/13/21 13:44	1
Motor Oil Range Organics [C28-C40]	ND		5.0	mg/Kg		10/12/21 12:35	10/13/21 13:44	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
o-Terphenyl (Surr)	77		51 - 111			10/12/21 12:35	10/13/21 13:44	1

Lab Sample ID: LCS 320-533278/2-A

Matrix: Solid

Analysis Batch: 533545

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 533278

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Diesel Range Organics [C10-C28]	10.0	10.5		mg/Kg		105	57 - 132
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
o-Terphenyl (Surr)	82		51 - 111				

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 320-533143/1-A

Matrix: Solid

Analysis Batch: 533425

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 533143

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.50	mg/Kg		10/12/21 06:00	10/12/21 18:50	1
Arsenic	ND		2.0	mg/Kg		10/12/21 06:00	10/12/21 18:50	1
Barium	ND		1.0	mg/Kg		10/12/21 06:00	10/12/21 18:50	1
Beryllium	ND		0.20	mg/Kg		10/12/21 06:00	10/12/21 18:50	1
Cadmium	ND		0.20	mg/Kg		10/12/21 06:00	10/12/21 18:50	1
Cobalt	ND		0.50	mg/Kg		10/12/21 06:00	10/12/21 18:50	1
Chromium	ND		0.50	mg/Kg		10/12/21 06:00	10/12/21 18:50	1
Copper	ND		1.5	mg/Kg		10/12/21 06:00	10/12/21 18:50	1
Molybdenum	ND		2.0	mg/Kg		10/12/21 06:00	10/12/21 18:50	1
Nickel	ND		1.0	mg/Kg		10/12/21 06:00	10/12/21 18:50	1
Lead	ND		1.0	mg/Kg		10/12/21 06:00	10/12/21 18:50	1
Selenium	ND		2.0	mg/Kg		10/12/21 06:00	10/12/21 18:50	1
Antimony	ND		2.0	mg/Kg		10/12/21 06:00	10/12/21 18:50	1
Thallium	ND		2.0	mg/Kg		10/12/21 06:00	10/12/21 18:50	1
Vanadium	ND		0.50	mg/Kg		10/12/21 06:00	10/12/21 18:50	1
Zinc	ND		2.0	mg/Kg		10/12/21 06:00	10/12/21 18:50	1

Lab Sample ID: LCS 320-533143/2-A

Matrix: Solid

Analysis Batch: 533425

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 533143

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Silver	5.05	4.78		mg/Kg		95	80 - 120
Arsenic	50.0	46.3		mg/Kg		93	80 - 120
Barium	50.0	46.9		mg/Kg		94	80 - 120

Eurofins TestAmerica, Sacramento

QC Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-79970-1

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

Lab Sample ID: LCS 320-533143/2-A

Matrix: Solid

Analysis Batch: 533425

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 533143

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Beryllium	25.0	23.7		mg/Kg		95	80 - 120
Cadmium	25.0	24.4		mg/Kg		98	80 - 120
Cobalt	25.0	24.0		mg/Kg		96	80 - 120
Chromium	25.0	23.8		mg/Kg		95	80 - 120
Copper	25.0	23.4		mg/Kg		94	80 - 120
Molybdenum	25.0	24.0		mg/Kg		96	80 - 120
Nickel	25.0	23.8		mg/Kg		95	80 - 120
Lead	25.0	24.0		mg/Kg		96	80 - 120
Selenium	50.0	46.8		mg/Kg		93	80 - 120
Antimony	50.0	46.8		mg/Kg		94	80 - 120
Thallium	50.0	47.4		mg/Kg		95	80 - 120
Vanadium	25.0	23.8		mg/Kg		95	80 - 120
Zinc	49.9	49.6		mg/Kg		99	80 - 120

Lab Sample ID: 320-79970-6 MS

Matrix: Solid

Analysis Batch: 533425

Client Sample ID: HA-145-4-S-2.5

Prep Type: Total/NA

Prep Batch: 533143

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Silver	ND		5.00	5.17		mg/Kg		100	80 - 120
Arsenic	11		49.5	53.6		mg/Kg		87	80 - 120
Barium	62	F1	49.5	123	F1	mg/Kg		123	80 - 120
Beryllium	0.63		24.8	22.7		mg/Kg		89	80 - 120
Cadmium	ND		24.8	22.2		mg/Kg		89	80 - 120
Cobalt	52	F1	24.8	75.7		mg/Kg		96	80 - 120
Chromium	560		24.8	521	4	mg/Kg		-162	80 - 120
Copper	20		24.7	45.1		mg/Kg		103	80 - 120
Molybdenum	ND		24.8	21.9		mg/Kg		88	80 - 120
Nickel	980		24.8	990	4	mg/Kg		57	80 - 120
Lead	4.0		24.8	26.1		mg/Kg		89	80 - 120
Selenium	ND		49.5	41.4		mg/Kg		84	80 - 120
Antimony	21	F1	49.5	36.5	F1	mg/Kg		32	80 - 120
Thallium	ND	F1	49.5	40.0		mg/Kg		81	80 - 120
Vanadium	45		24.8	67.5		mg/Kg		91	80 - 120
Zinc	32		49.4	78.9		mg/Kg		95	80 - 120

Lab Sample ID: 320-79970-6 MSD

Matrix: Solid

Analysis Batch: 533425

Client Sample ID: HA-145-4-S-2.5

Prep Type: Total/NA

Prep Batch: 533143

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Silver	ND		4.81	4.83		mg/Kg		97	80 - 120	7	35
Arsenic	11		47.6	50.4		mg/Kg		83	80 - 120	6	35
Barium	62	F1	47.6	123	F1	mg/Kg		128	80 - 120	0	35
Beryllium	0.63		23.8	20.8		mg/Kg		85	80 - 120	9	35
Cadmium	ND		23.8	20.8		mg/Kg		87	80 - 120	6	35
Cobalt	52	F1	23.8	66.4	F1	mg/Kg		61	80 - 120	13	35
Chromium	560		23.8	480	4	mg/Kg		-343	80 - 120	8	35
Copper	20		23.8	39.9		mg/Kg		85	80 - 120	12	35

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QC Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-79970-1

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

Lab Sample ID: 320-79970-6 MSD

Matrix: Solid

Analysis Batch: 533425

Client Sample ID: HA-145-4-S-2.5

Prep Type: Total/NA

Prep Batch: 533143

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Molybdenum	ND		23.8	20.4		mg/Kg		86	80 - 120	7	35
Nickel	980		23.8	750	4	mg/Kg		-947	80 - 120	28	35
Lead	4.0		23.8	25.2		mg/Kg		89	80 - 120	3	35
Selenium	ND		47.6	38.0		mg/Kg		80	80 - 120	9	35
Antimony	21	F1	47.6	34.0	F1	mg/Kg		28	80 - 120	7	35
Thallium	ND	F1	47.6	37.3	F1	mg/Kg		78	80 - 120	7	35
Vanadium	45		23.8	67.6		mg/Kg		95	80 - 120	0	35
Zinc	32		47.5	75.7		mg/Kg		92	80 - 120	4	35

Method: 7471A - Mercury (CVAA)

Lab Sample ID: MB 320-533428/11-A

Matrix: Solid

Analysis Batch: 534444

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 533428

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.040	mg/Kg		10/14/21 16:50	10/15/21 10:05	1

Lab Sample ID: LCS 320-533428/12-A

Matrix: Solid

Analysis Batch: 534444

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 533428

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.167	0.174		mg/Kg		104	86 - 114

Lab Sample ID: LCSD 320-533428/13-A

Matrix: Solid

Analysis Batch: 534444

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 533428

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.167	0.170		mg/Kg		102	86 - 114	3	17

QC Association Summary

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-79970-1

GC/MS VOA

Prep Batch: 532208

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-79970-1	HA-145-1-S-12	Total/NA	Solid	5035	
320-79970-2 - RA	HA-145-2-S-8-9.5	Total/NA	Solid	5035	
320-79970-2	HA-145-2-S-8-9.5	Total/NA	Solid	5035	
320-79970-3 - RA	HA-145-3-S-2.5	Total/NA	Solid	5035	
320-79970-3	HA-145-3-S-2.5	Total/NA	Solid	5035	
320-79970-4 - RA	HA-145-3-S-6	Total/NA	Solid	5035	
320-79970-4	HA-145-3-S-6	Total/NA	Solid	5035	
320-79970-5 - RA	HA-145-3-S-11	Total/NA	Solid	5035	
320-79970-5	HA-145-3-S-11	Total/NA	Solid	5035	
320-79970-6 - RA	HA-145-4-S-2.5	Total/NA	Solid	5035	
320-79970-6	HA-145-4-S-2.5	Total/NA	Solid	5035	
320-79970-7 - RA	HA-145-4-S-6	Total/NA	Solid	5035	
320-79970-7	HA-145-4-S-6	Total/NA	Solid	5035	

Analysis Batch: 532835

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-79970-1	HA-145-1-S-12	Total/NA	Solid	8260B/CA_LUFT MS	532208
320-79970-2	HA-145-2-S-8-9.5	Total/NA	Solid	8260B/CA_LUFT MS	532208
320-79970-3	HA-145-3-S-2.5	Total/NA	Solid	8260B/CA_LUFT MS	532208
320-79970-4	HA-145-3-S-6	Total/NA	Solid	8260B/CA_LUFT MS	532208
320-79970-5	HA-145-3-S-11	Total/NA	Solid	8260B/CA_LUFT MS	532208
320-79970-6	HA-145-4-S-2.5	Total/NA	Solid	8260B/CA_LUFT MS	532208
320-79970-7	HA-145-4-S-6	Total/NA	Solid	8260B/CA_LUFT MS	532208
MB 320-532835/10	Method Blank	Total/NA	Solid	8260B/CA_LUFT MS	
LCS 320-532835/5	Lab Control Sample	Total/NA	Solid	8260B/CA_LUFT MS	
LCSD 320-532835/6	Lab Control Sample Dup	Total/NA	Solid	8260B/CA_LUFT MS	

Analysis Batch: 532836

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-79970-1	HA-145-1-S-12	Total/NA	Solid	8260B	532208
320-79970-2	HA-145-2-S-8-9.5	Total/NA	Solid	8260B	532208
320-79970-3	HA-145-3-S-2.5	Total/NA	Solid	8260B	532208
320-79970-4	HA-145-3-S-6	Total/NA	Solid	8260B	532208
320-79970-5	HA-145-3-S-11	Total/NA	Solid	8260B	532208
320-79970-6	HA-145-4-S-2.5	Total/NA	Solid	8260B	532208
320-79970-7	HA-145-4-S-6	Total/NA	Solid	8260B	532208
MB 320-532836/10	Method Blank	Total/NA	Solid	8260B	
LCS 320-532836/7	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 320-532836/8	Lab Control Sample Dup	Total/NA	Solid	8260B	

Analysis Batch: 533616

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-79970-2 - RA	HA-145-2-S-8-9.5	Total/NA	Solid	8260B/CA_LUFT MS	532208

Eurofins TestAmerica, Sacramento

QC Association Summary

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-79970-1

GC/MS VOA (Continued)

Analysis Batch: 533616 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-79970-3 - RA	HA-145-3-S-2.5	Total/NA	Solid	8260B/CA_LUFT MS	532208
320-79970-4 - RA	HA-145-3-S-6	Total/NA	Solid	8260B/CA_LUFT MS	532208
MB 320-533616/10	Method Blank	Total/NA	Solid	8260B/CA_LUFT MS	
LCS 320-533616/5	Lab Control Sample	Total/NA	Solid	8260B/CA_LUFT MS	
LCSD 320-533616/28	Lab Control Sample Dup	Total/NA	Solid	8260B/CA_LUFT MS	

Analysis Batch: 534009

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-79970-5 - RA	HA-145-3-S-11	Total/NA	Solid	8260B/CA_LUFT MS	532208
320-79970-6 - RA	HA-145-4-S-2.5	Total/NA	Solid	8260B/CA_LUFT MS	532208
320-79970-7 - RA	HA-145-4-S-6	Total/NA	Solid	8260B/CA_LUFT MS	532208
MB 320-534009/10	Method Blank	Total/NA	Solid	8260B/CA_LUFT MS	
LCS 320-534009/6	Lab Control Sample	Total/NA	Solid	8260B/CA_LUFT MS	
LCSD 320-534009/31	Lab Control Sample Dup	Total/NA	Solid	8260B/CA_LUFT MS	

GC Semi VOA

Prep Batch: 533278

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-79970-1	HA-145-1-S-12	Total/NA	Solid	3550B	
320-79970-2	HA-145-2-S-8-9.5	Total/NA	Solid	3550B	
320-79970-3	HA-145-3-S-2.5	Total/NA	Solid	3550B	
320-79970-4	HA-145-3-S-6	Total/NA	Solid	3550B	
320-79970-5	HA-145-3-S-11	Total/NA	Solid	3550B	
320-79970-6	HA-145-4-S-2.5	Total/NA	Solid	3550B	
320-79970-7	HA-145-4-S-6	Total/NA	Solid	3550B	
MB 320-533278/1-A	Method Blank	Total/NA	Solid	3550B	
LCS 320-533278/2-A	Lab Control Sample	Total/NA	Solid	3550B	

Analysis Batch: 533545

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-79970-1	HA-145-1-S-12	Total/NA	Solid	8015B	533278
320-79970-2	HA-145-2-S-8-9.5	Total/NA	Solid	8015B	533278
320-79970-3	HA-145-3-S-2.5	Total/NA	Solid	8015B	533278
320-79970-4	HA-145-3-S-6	Total/NA	Solid	8015B	533278
320-79970-5	HA-145-3-S-11	Total/NA	Solid	8015B	533278
320-79970-6	HA-145-4-S-2.5	Total/NA	Solid	8015B	533278
320-79970-7	HA-145-4-S-6	Total/NA	Solid	8015B	533278
MB 320-533278/1-A	Method Blank	Total/NA	Solid	8015B	533278
LCS 320-533278/2-A	Lab Control Sample	Total/NA	Solid	8015B	533278

QC Association Summary

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-79970-1

Metals

Prep Batch: 533143

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-79970-1	HA-145-1-S-12	Total/NA	Solid	3050B	
320-79970-2	HA-145-2-S-8-9.5	Total/NA	Solid	3050B	
320-79970-3	HA-145-3-S-2.5	Total/NA	Solid	3050B	
320-79970-4	HA-145-3-S-6	Total/NA	Solid	3050B	
320-79970-6	HA-145-4-S-2.5	Total/NA	Solid	3050B	
320-79970-7	HA-145-4-S-6	Total/NA	Solid	3050B	
MB 320-533143/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 320-533143/2-A	Lab Control Sample	Total/NA	Solid	3050B	
320-79970-6 MS	HA-145-4-S-2.5	Total/NA	Solid	3050B	
320-79970-6 MSD	HA-145-4-S-2.5	Total/NA	Solid	3050B	

Analysis Batch: 533425

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-79970-1	HA-145-1-S-12	Total/NA	Solid	6010B	533143
320-79970-2	HA-145-2-S-8-9.5	Total/NA	Solid	6010B	533143
320-79970-3	HA-145-3-S-2.5	Total/NA	Solid	6010B	533143
320-79970-4	HA-145-3-S-6	Total/NA	Solid	6010B	533143
320-79970-6	HA-145-4-S-2.5	Total/NA	Solid	6010B	533143
320-79970-7	HA-145-4-S-6	Total/NA	Solid	6010B	533143
MB 320-533143/1-A	Method Blank	Total/NA	Solid	6010B	533143
LCS 320-533143/2-A	Lab Control Sample	Total/NA	Solid	6010B	533143
320-79970-6 MS	HA-145-4-S-2.5	Total/NA	Solid	6010B	533143
320-79970-6 MSD	HA-145-4-S-2.5	Total/NA	Solid	6010B	533143

Prep Batch: 533428

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-79970-1	HA-145-1-S-12	Total/NA	Solid	7471A	
320-79970-2	HA-145-2-S-8-9.5	Total/NA	Solid	7471A	
320-79970-3	HA-145-3-S-2.5	Total/NA	Solid	7471A	
320-79970-4	HA-145-3-S-6	Total/NA	Solid	7471A	
320-79970-6	HA-145-4-S-2.5	Total/NA	Solid	7471A	
320-79970-7	HA-145-4-S-6	Total/NA	Solid	7471A	
MB 320-533428/11-A	Method Blank	Total/NA	Solid	7471A	
LCS 320-533428/12-A	Lab Control Sample	Total/NA	Solid	7471A	
LCSD 320-533428/13-A	Lab Control Sample Dup	Total/NA	Solid	7471A	

Analysis Batch: 533781

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-79970-1	HA-145-1-S-12	Total/NA	Solid	6010B	533143
320-79970-2	HA-145-2-S-8-9.5	Total/NA	Solid	6010B	533143
320-79970-3	HA-145-3-S-2.5	Total/NA	Solid	6010B	533143

Analysis Batch: 534444

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-79970-1	HA-145-1-S-12	Total/NA	Solid	7471A	533428
320-79970-2	HA-145-2-S-8-9.5	Total/NA	Solid	7471A	533428
320-79970-3	HA-145-3-S-2.5	Total/NA	Solid	7471A	533428
320-79970-4	HA-145-3-S-6	Total/NA	Solid	7471A	533428
320-79970-6	HA-145-4-S-2.5	Total/NA	Solid	7471A	533428
320-79970-7	HA-145-4-S-6	Total/NA	Solid	7471A	533428
MB 320-533428/11-A	Method Blank	Total/NA	Solid	7471A	533428

Eurofins TestAmerica, Sacramento

QC Association Summary

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-79970-1

Metals (Continued)

Analysis Batch: 534444 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 320-533428/12-A	Lab Control Sample	Total/NA	Solid	7471A	533428
LCSD 320-533428/13-A	Lab Control Sample Dup	Total/NA	Solid	7471A	533428

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-79970-1

Client Sample ID: HA-145-1-S-12

Lab Sample ID: 320-79970-1

Date Collected: 10/06/21 14:30

Matrix: Solid

Date Received: 10/07/21 09:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.734 g	5 mL	532208	10/07/21 21:09	EFB	TAL SAC
Total/NA	Analysis	8260B		1	5 mL	5 mL	532836	10/11/21 14:19	AZ1	TAL SAC
Total/NA	Prep	5035			5.734 g	5 mL	532208	10/07/21 21:09	EFB	TAL SAC
Total/NA	Analysis	8260B/CA_LUFTM S		1	5 mL	5 mL	532835	10/11/21 14:19	AP1	TAL SAC
Total/NA	Prep	3550B			30.38 g	3 mL	533278	10/12/21 12:35	NGK	TAL SAC
Total/NA	Analysis	8015B		1			533545	10/13/21 14:40	K1D	TAL SAC
Total/NA	Prep	3050B			1.04 g	100 mL	533143	10/12/21 06:00	NIM	TAL SAC
Total/NA	Analysis	6010B		1			533425	10/12/21 18:57	GSH	TAL SAC
Total/NA	Prep	3050B			1.04 g	100 mL	533143	10/12/21 06:00	NIM	TAL SAC
Total/NA	Analysis	6010B		5			533781	10/13/21 14:46	SP	TAL SAC
Total/NA	Prep	7471A			0.63 g	50 mL	533428	10/14/21 16:50	NIM	TAL SAC
Total/NA	Analysis	7471A		1			534444	10/15/21 10:55	CF	TAL SAC

Client Sample ID: HA-145-2-S-8-9.5

Lab Sample ID: 320-79970-2

Date Collected: 10/06/21 16:10

Matrix: Solid

Date Received: 10/07/21 09:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.49 g	5 mL	532208	10/07/21 21:09	EFB	TAL SAC
Total/NA	Analysis	8260B		1	5 mL	5 mL	532836	10/11/21 15:04	AZ1	TAL SAC
Total/NA	Prep	5035	RA		5.517 g	5 mL	532208	10/07/21 21:09	EFB	TAL SAC
Total/NA	Analysis	8260B/CA_LUFTM S	RA	1	5 mL	5 mL	533616	10/13/21 17:31	AP1	TAL SAC
Total/NA	Prep	5035			5.49 g	5 mL	532208	10/07/21 21:09	EFB	TAL SAC
Total/NA	Analysis	8260B/CA_LUFTM S		1	5 mL	5 mL	532835	10/11/21 15:04	AP1	TAL SAC
Total/NA	Prep	3550B			30.50 g	3 mL	533278	10/12/21 12:35	NGK	TAL SAC
Total/NA	Analysis	8015B		1			533545	10/13/21 15:09	K1D	TAL SAC
Total/NA	Prep	3050B			0.96 g	100 mL	533143	10/12/21 06:00	NIM	TAL SAC
Total/NA	Analysis	6010B		1			533425	10/12/21 19:01	GSH	TAL SAC
Total/NA	Prep	3050B			0.96 g	100 mL	533143	10/12/21 06:00	NIM	TAL SAC
Total/NA	Analysis	6010B		5			533781	10/13/21 14:50	SP	TAL SAC
Total/NA	Prep	7471A			0.55 g	50 mL	533428	10/14/21 16:50	NIM	TAL SAC
Total/NA	Analysis	7471A		1			534444	10/15/21 10:57	CF	TAL SAC

Client Sample ID: HA-145-3-S-2.5

Lab Sample ID: 320-79970-3

Date Collected: 10/06/21 11:55

Matrix: Solid

Date Received: 10/07/21 09:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.329 g	5 mL	532208	10/07/21 21:09	EFB	TAL SAC
Total/NA	Analysis	8260B		1	5 mL	5 mL	532836	10/11/21 15:26	AZ1	TAL SAC
Total/NA	Prep	5035	RA		5.343 g	5 mL	532208	10/07/21 21:09	EFB	TAL SAC
Total/NA	Analysis	8260B/CA_LUFTM S	RA	1	5 mL	5 mL	533616	10/13/21 17:53	AP1	TAL SAC

Eurofins TestAmerica, Sacramento

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-79970-1

Client Sample ID: HA-145-3-S-2.5

Lab Sample ID: 320-79970-3

Date Collected: 10/06/21 11:55

Matrix: Solid

Date Received: 10/07/21 09:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.329 g	5 mL	532208	10/07/21 21:09	EFB	TAL SAC
Total/NA	Analysis	8260B/CA_LUFTV S		1	5 mL	5 mL	532835	10/11/21 15:26	AP1	TAL SAC
Total/NA	Prep	3550B			30.12 g	3 mL	533278	10/12/21 12:35	NGK	TAL SAC
Total/NA	Analysis	8015B		1			533545	10/13/21 15:38	K1D	TAL SAC
Total/NA	Prep	3050B			0.99 g	100 mL	533143	10/12/21 06:00	NIM	TAL SAC
Total/NA	Analysis	6010B		1			533425	10/12/21 19:05	GSH	TAL SAC
Total/NA	Prep	3050B			0.99 g	100 mL	533143	10/12/21 06:00	NIM	TAL SAC
Total/NA	Analysis	6010B		5			533781	10/13/21 14:54	SP	TAL SAC
Total/NA	Prep	7471A			0.56 g	50 mL	533428	10/14/21 16:50	NIM	TAL SAC
Total/NA	Analysis	7471A		1			534444	10/15/21 10:59	CF	TAL SAC

Client Sample ID: HA-145-3-S-6

Lab Sample ID: 320-79970-4

Date Collected: 10/06/21 12:00

Matrix: Solid

Date Received: 10/07/21 09:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.243 g	5 mL	532208	10/07/21 21:09	EFB	TAL SAC
Total/NA	Analysis	8260B		1	5 mL	5 mL	532836	10/11/21 15:48	AZ1	TAL SAC
Total/NA	Prep	5035	RA		6.2 g	5 mL	532208	10/07/21 21:09	EFB	TAL SAC
Total/NA	Analysis	8260B/CA_LUFTV S	RA	1	5 mL	5 mL	533616	10/13/21 18:15	AP1	TAL SAC
Total/NA	Prep	5035			5.243 g	5 mL	532208	10/07/21 21:09	EFB	TAL SAC
Total/NA	Analysis	8260B/CA_LUFTV S		1	5 mL	5 mL	532835	10/11/21 15:48	AP1	TAL SAC
Total/NA	Prep	3550B			30.84 g	3 mL	533278	10/12/21 12:35	NGK	TAL SAC
Total/NA	Analysis	8015B		1			533545	10/13/21 16:06	K1D	TAL SAC
Total/NA	Prep	3050B			1.00 g	100 mL	533143	10/12/21 06:00	NIM	TAL SAC
Total/NA	Analysis	6010B		1			533425	10/12/21 19:09	GSH	TAL SAC
Total/NA	Prep	7471A			0.60 g	50 mL	533428	10/14/21 16:50	NIM	TAL SAC
Total/NA	Analysis	7471A		1			534444	10/15/21 11:01	CF	TAL SAC

Client Sample ID: HA-145-3-S-11

Lab Sample ID: 320-79970-5

Date Collected: 10/06/21 12:25

Matrix: Solid

Date Received: 10/07/21 09:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.268 g	5 mL	532208	10/07/21 21:09	EFB	TAL SAC
Total/NA	Analysis	8260B		1	5 mL	5 mL	532836	10/11/21 16:11	AZ1	TAL SAC
Total/NA	Prep	5035	RA		5.268 g	5 mL	532208	10/07/21 21:09	EFB	TAL SAC
Total/NA	Analysis	8260B/CA_LUFTV S	RA	1	5 mL	5 mL	534009	10/14/21 16:22	AZ1	TAL SAC
Total/NA	Prep	5035			5.268 g	5 mL	532208	10/07/21 21:09	EFB	TAL SAC
Total/NA	Analysis	8260B/CA_LUFTV S		1	5 mL	5 mL	532835	10/11/21 16:11	AP1	TAL SAC
Total/NA	Prep	3550B			30.54 g	3 mL	533278	10/12/21 12:35	NGK	TAL SAC
Total/NA	Analysis	8015B		1			533545	10/13/21 16:35	K1D	TAL SAC

Eurofins TestAmerica, Sacramento

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-79970-1

Client Sample ID: HA-145-4-S-2.5

Lab Sample ID: 320-79970-6

Date Collected: 10/06/21 10:40

Matrix: Solid

Date Received: 10/07/21 09:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			8.643 g	5 mL	532208	10/07/21 21:09	EFB	TAL SAC
Total/NA	Analysis	8260B		1	5 mL	5 mL	532836	10/11/21 16:33	AZ1	TAL SAC
Total/NA	Prep	5035	RA		8.643 g	5 mL	532208	10/07/21 21:09	EFB	TAL SAC
Total/NA	Analysis	8260B/CA_LUFTM S	RA	1	5 mL	5 mL	534009	10/14/21 16:44	AZ1	TAL SAC
Total/NA	Prep	5035			8.643 g	5 mL	532208	10/07/21 21:09	EFB	TAL SAC
Total/NA	Analysis	8260B/CA_LUFTM S		1	5 mL	5 mL	532835	10/11/21 16:33	AP1	TAL SAC
Total/NA	Prep	3550B			30.39 g	3 mL	533278	10/12/21 12:35	NGK	TAL SAC
Total/NA	Analysis	8015B		1			533545	10/13/21 17:03	K1D	TAL SAC
Total/NA	Prep	3050B			1.05 g	100 mL	533143	10/12/21 06:00	NIM	TAL SAC
Total/NA	Analysis	6010B		1			533425	10/12/21 19:12	GSH	TAL SAC
Total/NA	Prep	7471A			0.55 g	50 mL	533428	10/14/21 16:50	NIM	TAL SAC
Total/NA	Analysis	7471A		1			534444	10/15/21 11:02	CF	TAL SAC

Client Sample ID: HA-145-4-S-6

Lab Sample ID: 320-79970-7

Date Collected: 10/06/21 10:50

Matrix: Solid

Date Received: 10/07/21 09:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			3.971 g	5 mL	532208	10/07/21 21:09	EFB	TAL SAC
Total/NA	Analysis	8260B		1	5 mL	5 mL	532836	10/11/21 16:56	AZ1	TAL SAC
Total/NA	Prep	5035	RA		3.971 g	5 mL	532208	10/07/21 21:09	EFB	TAL SAC
Total/NA	Analysis	8260B/CA_LUFTM S	RA	1	5 mL	5 mL	534009	10/14/21 17:06	AZ1	TAL SAC
Total/NA	Prep	5035			3.971 g	5 mL	532208	10/07/21 21:09	EFB	TAL SAC
Total/NA	Analysis	8260B/CA_LUFTM S		1	5 mL	5 mL	532835	10/11/21 16:56	AP1	TAL SAC
Total/NA	Prep	3550B			30.79 g	3 mL	533278	10/12/21 12:35	NGK	TAL SAC
Total/NA	Analysis	8015B		1			533545	10/13/21 17:32	K1D	TAL SAC
Total/NA	Prep	3050B			0.99 g	100 mL	533143	10/12/21 06:00	NIM	TAL SAC
Total/NA	Analysis	6010B		1			533425	10/12/21 19:39	GSH	TAL SAC
Total/NA	Prep	7471A			0.60 g	50 mL	533428	10/14/21 16:50	NIM	TAL SAC
Total/NA	Analysis	7471A		1			534444	10/15/21 11:04	CF	TAL SAC

Laboratory References:

TAL SAC = Eurofins TestAmerica, Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Eurofins TestAmerica, Sacramento

Accreditation/Certification Summary

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-79970-1

Laboratory: Eurofins TestAmerica, Sacramento

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

Authority	Program	Identification Number	Expiration Date
California	State	2897	01-31-22

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015B	3550B	Solid	Motor Oil Range Organics [C28-C40]

Method Summary

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-79970-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL SAC
8260B/CA_LUFTMS	Volatile Organic Compounds by GC/MS	SW846	TAL SAC
8015B	Diesel Range Organics (DRO) (GC)	SW846	TAL SAC
6010B	Metals (ICP)	SW846	TAL SAC
7471A	Mercury (CVAA)	SW846	TAL SAC
3050B	Preparation, Metals	SW846	TAL SAC
3550B	Ultrasonic Extraction	SW846	TAL SAC
5035	Closed System Purge and Trap	SW846	TAL SAC
7471A	Preparation, Mercury	SW846	TAL SAC

Protocol References:

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

Laboratory References:

TAL SAC = Eurofins TestAmerica, Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Sample Summary

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-79970-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
320-79970-1	HA-145-1-S-12	Solid	10/06/21 14:30	10/07/21 09:22
320-79970-2	HA-145-2-S-8-9.5	Solid	10/06/21 16:10	10/07/21 09:22
320-79970-3	HA-145-3-S-2.5	Solid	10/06/21 11:55	10/07/21 09:22
320-79970-4	HA-145-3-S-6	Solid	10/06/21 12:00	10/07/21 09:22
320-79970-5	HA-145-3-S-11	Solid	10/06/21 12:25	10/07/21 09:22
320-79970-6	HA-145-4-S-2.5	Solid	10/06/21 10:40	10/07/21 09:22
320-79970-7	HA-145-4-S-6	Solid	10/06/21 10:50	10/07/21 09:22

320-79970

TestAmerica Sacramento

880 Riverside Parkway

West Sacramento, CA 95605-1500
phone 916.373.5600 fax 303.467.7248

TestAmerica's services under this CoC shall be performed in accordance with the T&Cs within Blanket Service Agreement # 2019-22-TestAmerica by and between Haley & Aldrich, Inc. its subsidiaries and affiliates, and TestAmerica Laboratories Inc.

Haley & Aldrich, Inc. Blanket Service Agreement #2019-22-TestAmerica

Regulatory Program.

☐ DW ☐ NPDES ☐ RCRA ☐ Other

TestAmerica Laboratories, Inc.

TestAmerica Laboratories Inc.

Client Contact		H&A Project Manager: J. Grant		H&A Site Contact: A. Caveney		Date: 10/6/2021		COC No:		
Haley & Aldrich J. Grant		Tel/Fax: 925-949-4412		Lab Contact: L. Heathcote		Carrier:		1 of 1 COCs		
Address: 2033 North Main Street Suite 309		City/State/Zip: Walnut Creek, CA 94596		Analysis Turnaround Time		Sampler A. Caveney		For Lab Use Only:		
Phone: (925) 949-1012		FAX: (925) 979-1456		TAT if different from Below: 5-DAY TAT		Walk-in Client:		Lab Sampling:		
H&A Project Number 0203394-000-600-01 SSF TOC		Site: 145 Sylvester Road, South San Francisco, CA 94080		Job / SDG No.		Sample Specific Notes:				
H&A P O #										
Sample Identification	Sample Date	Sample Time	Sample Type (Ca-Comp, G-Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	VOCs and TPH-g Method 8260, preserved using Method 8035	TPH-d and TPH-mo using Method 8016	GC/MS Title 22 metals Method 6010/7471
HA-145-1-S-12	10/6/2021	1430	G	SL	4	N	N	X	X	
HA-145-2-S-8-9.5	10/6/2021	1610	G	SL	4	N	N	X	X	
HA-145-3-S-2.5	10/6/2021	1155	G	SL	4	N	N	X	X	
HA-145-3-S-6	10/6/2021	1200	G	SL	4	N	N	X	X	
HA-145-3-S-11	10/6/2021	1225	G	SL	4	N	N	X	X	
HA-145-4-S-2.5	10/6/2021	1040	G	SL	4	N	N	X	X	
HA-145-4-S-6	10/6/2021	1050	G	SL	4	N	N	X	X	
Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4= HNO3, 5= NaOH, 6= Other Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.										
Special Instructions/QC Requirements & Comments: Send results to: jgrant@haleyaldrich.com bmelin@haleyaldrich.com										
Custody Seals Intact: ☐ Yes ☐ No Relinquished by: <i>[Signature]</i> Company: <i>[Signature]</i> Relinquished by: <i>[Signature]</i> Company: <i>[Signature]</i> Relinquished by: <i>[Signature]</i> Company: <i>[Signature]</i>										



320-79970 Chain of Custody

Form No. CA-C-WI-045, Rev 1.2, dated 1/8/2016

0-8

Chain of Custody Record



Client Information (Sub Contract Lab)				Lab PM: Heathcote, Lee Ann		Carrier Tracking No(s): 320-244429.1	
Client Contact: Shipping/Receiving				E-Mail: LeeAnn.Heathcote@Eurofinset.com		Page: Page 1 of 1	
Company: TestAmerica Laboratories, Inc.				State of Origin: California		COC No: 320-79970-1	
Address: 880 Riverside Parkway, City: West Sacramento State, Zip: CA, 95605				Accreditations Required (See note): State - California		Job #: 320-79970-1	
Phone: 916-373-5600(Tel) 916-372-1059(Fax)				Due Date Requested: 10/13/2021		Preservation Codes: A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other:	
Email: SSF TCC				TAT Requested (days):		Total Number of containers	
Project #: 32018807				PO #:		Special Instructions/Note:	
Site:				WO #:			
Sample Identification - Client ID (Lab ID)				Sample Date		Sample Time	
HA-145-1-S-12 (320-79970-1)				10/6/21		14:30 Pacific	
HA-145-2-S-8-9.5 (320-79970-2)				10/6/21		16:10 Pacific	
HA-145-3-S-2.5 (320-79970-3)				10/6/21		11:55 Pacific	
HA-145-3-S-6 (320-79970-4)				10/6/21		12:00 Pacific	
HA-145-3-S-11 (320-79970-5)				10/6/21		12:25 Pacific	
HA-145-4-S-2.5 (320-79970-6)				10/6/21		10:40 Pacific	
HA-145-4-S-6 (320-79970-7)				10/6/21		10:50 Pacific	
Note: Since laboratory accreditations are subject to change, Eurofins TestAmerica places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/test/matrix being analyzed, the samples must be shipped back to the Eurofins TestAmerica laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins TestAmerica attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins TestAmerica.							
Possible Hazard Identification							
Unconfirmed							
Deliverable Requested: I, II, III, IV, Other (specify)				Primary Deliverable Rank: 2			
Empty Kit Relinquished by:				Date:		Time:	
Relinquished by:				Date/Time:		Company:	
Relinquished by:				Date/Time:		Company:	
Relinquished by:				Date/Time:		Company:	
Custody Seals Intact: Δ Yes Δ No				Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:	

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 320-79970-1

Login Number: 79970

List Source: Eurofins TestAmerica, Sacramento

List Number: 1

Creator: Garcia, Hilario A

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ 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.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 320-79970-1

Login Number: 79970

List Source: Eurofins TestAmerica, Sacramento

List Number: 2

Creator: Guzman, Juan

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	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	2.3
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?	False	Received project as a subcontract.
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.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

ANALYTICAL REPORT

Eurofins TestAmerica, Sacramento
880 Riverside Parkway
West Sacramento, CA 95605
Tel: (916)373-5600

Laboratory Job ID: 320-79970-2
Client Project/Site: SSF TCC

For:

Haley & Aldrich, Inc.
2033 North Main Street
Suite 309
Walnut Creek, California 94596

Attn: Jason Grant



Authorized for release by:
10/25/2021 2:57:06 PM

Lee Ann Heathcote, Project Manager II
(916)374-4333
LeeAnn.Heathcote@Eurofinset.com

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The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

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

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

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Definitions/Glossary

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-79970-2

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
CFU	Colony Forming Unit
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)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
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)
TNTC	Too Numerous To Count

Case Narrative

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-79970-2

Job ID: 320-79970-2

Laboratory: Eurofins TestAmerica, Sacramento

Narrative

Job Narrative 320-79970-2

Comments

On 10/18/2021 the client requested method 7196A Hexavalent Chromium be added to the analyses found in the report for Job 320-79970-1.

Receipt

The samples were received on 10/7/2021 9:22 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 0.8° C.

General Chemistry

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

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-79970-2

Client Sample ID: HA-145-3-S-2.5

Lab Sample ID: 320-79970-3

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Chromium, hexavalent	3.0		0.80	mg/Kg	1		7196A	Total/NA

Client Sample ID: HA-145-4-S-2.5

Lab Sample ID: 320-79970-6

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Chromium, hexavalent	2.6		0.80	mg/Kg	1		7196A	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-79970-2

Client Sample ID: HA-145-3-S-2.5

Lab Sample ID: 320-79970-3

Date Collected: 10/06/21 11:55

Matrix: Solid

Date Received: 10/07/21 09:22

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	3.0		0.80	mg/Kg		10/20/21 17:33	10/21/21 18:55	1

Client Sample ID: HA-145-4-S-2.5

Lab Sample ID: 320-79970-6

Date Collected: 10/06/21 10:40

Matrix: Solid

Date Received: 10/07/21 09:22

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	2.6		0.80	mg/Kg		10/20/21 17:33	10/21/21 18:56	1

QC Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-79970-2

Method: 7196A - Chromium, Hexavalent

Lab Sample ID: MB 570-188044/1-A

Matrix: Solid

Analysis Batch: 188354

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 188044

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	ND		0.80	mg/Kg		10/20/21 17:30	10/21/21 18:38	1

Lab Sample ID: LCS 570-188044/2-A

Matrix: Solid

Analysis Batch: 188354

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 188044

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chromium, hexavalent	20.0	17.7		mg/Kg		88	78 - 120

Lab Sample ID: LCSD 570-188044/3-A

Matrix: Solid

Analysis Batch: 188354

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 188044

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Chromium, hexavalent	20.0	18.0		mg/Kg		90	78 - 120	2	20

QC Association Summary

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-79970-2

General Chemistry

Prep Batch: 188044

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-79970-3	HA-145-3-S-2.5	Total/NA	Solid	3060A	
320-79970-6	HA-145-4-S-2.5	Total/NA	Solid	3060A	
MB 570-188044/1-A	Method Blank	Total/NA	Solid	3060A	
LCS 570-188044/2-A	Lab Control Sample	Total/NA	Solid	3060A	
LCSD 570-188044/3-A	Lab Control Sample Dup	Total/NA	Solid	3060A	

Analysis Batch: 188354

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-79970-3	HA-145-3-S-2.5	Total/NA	Solid	7196A	188044
320-79970-6	HA-145-4-S-2.5	Total/NA	Solid	7196A	188044
MB 570-188044/1-A	Method Blank	Total/NA	Solid	7196A	188044
LCS 570-188044/2-A	Lab Control Sample	Total/NA	Solid	7196A	188044
LCSD 570-188044/3-A	Lab Control Sample Dup	Total/NA	Solid	7196A	188044

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-79970-2

Client Sample ID: HA-145-3-S-2.5

Lab Sample ID: 320-79970-3

Date Collected: 10/06/21 11:55

Matrix: Solid

Date Received: 10/07/21 09:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3060A			2.50 g	100 mL	188044	10/20/21 17:33	JXO4	ECL 1
Total/NA	Analysis	7196A		1	100 mL	100 mL	188354	10/21/21 18:55	JXO4	ECL 1

Client Sample ID: HA-145-4-S-2.5

Lab Sample ID: 320-79970-6

Date Collected: 10/06/21 10:40

Matrix: Solid

Date Received: 10/07/21 09:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3060A			2.50 g	100 mL	188044	10/20/21 17:33	JXO4	ECL 1
Total/NA	Analysis	7196A		1	100 mL	100 mL	188354	10/21/21 18:56	JXO4	ECL 1

Laboratory References:

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

Accreditation/Certification Summary

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-79970-2

Laboratory: Eurofins Calscience LLC

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

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	88-0161	11-19-21
California	Los Angeles County Sanitation Districts	10109	09-30-22
California	SCAQMD LAP	17LA0919	11-30-21
California	State	2944	09-30-22
Guam	State	21-003R	06-22-22
Nevada	State	CA00111	07-31-22
Oregon	NELAP	CA300001	01-30-22
USDA	US Federal Programs	P330-20-00034	02-10-23
Washington	State	C916-18	10-11-21 *

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Eurofins TestAmerica, Sacramento

Method Summary

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-79970-2

Method	Method Description	Protocol	Laboratory
7196A	Chromium, Hexavalent	SW846	ECL 1
3060A	Alkaline Digestion (Chromium, Hexavalent)	SW846	ECL 1

Protocol References:

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

Laboratory References:

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

Sample Summary

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-79970-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
320-79970-3	HA-145-3-S-2.5	Solid	10/06/21 11:55	10/07/21 09:22
320-79970-6	HA-145-4-S-2.5	Solid	10/06/21 10:40	10/07/21 09:22

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320-79970

201030

TestAmerica Sacramento

880 Riverside Parkway

West Sacramento, CA 95605-1500
phone 916.373.5600 fax 303.467.7248

TestAmerica's services under this CoC shall be performed in accordance with the T&Cs within Blanket Service Agreement # 2019-22-TestAmerica by and between Haley & Aldrich, Inc. its subsidiaries and affiliates, and TestAmerica Laboratories Inc.

Haley & Aldrich, Inc. Blanket Service Agreement #2019-22-TestAmerica

Regulatory Program.

☐ DW ☐ NPDES ☐ RCRA ☐ Other

TestAmerica Laboratories, Inc.

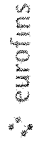
Client Contact		H&A Project Manager: J. Grant		H&A Site Contact: A. Caveney		Date: 10/6/2021		COC No:		
Haley & Aldrich J. Grant		Tel/Fax: 925-949-4412		Lab Contact: L. Heathcote		Carrier:		1 of 1 COCs		
Address: 2033 North Main Street Suite 309		City/State/Zip: Walnut Creek, CA 94596		Analysis Turnaround Time		Sampler A. Caveney		For Lab Use Only:		
Phone: (925) 949-1012		FAX: (925) 979-1456		TAT if different from Below: 5-DAY TAT		Walk-in Client:		Lab Sampling:		
H&A Project Number 0203394-000-600-01 SSF TOC		Site: 145 Sylvester Road, South San Francisco, CA 94080		H&A P O #		Job / SDG No.		Sample Specific Notes:		
Sample Identification	Sample Date	Sample Time	Sample Type (CaComp, G-Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	VOCS and TPH-g Method 8260, preserved using Method 8035	TPH-d and TPH-mo using Method 8016	GC/MS Title 22 metals Method 6010/7471
HA-145-1-S-12	10/6/2021	1430	G	SL	4	N	X	X	X	
HA-145-2-S-8-9.5	10/6/2021	1610	G	SL	4	N	X	X	X	
HA-145-3-S-2.5	10/6/2021	1155	G	SL	4	N	X	X	X	
HA-145-3-S-6	10/6/2021	1200	G	SL	4	N	X	X	X	
HA-145-3-S-11	10/6/2021	1225	G	SL	4	N	X	X	X	
HA-145-4-S-2.5	10/6/2021	1040	G	SL	4	N	X	X	X	
HA-145-4-S-6	10/6/2021	1050	G	SL	4	N	X	X	X	
Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4= HNO3, 5= NaOH, 6= Other										
Possible Hazard Identification:										
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.										
Special Instructions/QC Requirements & Comments: Send results to: jgrant@haleyaldrich.com bmelin@haleyaldrich.com acaveney@haleyaldrich.com YGodard@haleyaldrich.com										
Custody Seal No. ☐ Yes ☐ No										
Relinquished by: <i>[Signature]</i> Company: <i>[Signature]</i> Date/Time: 10/7/21 922										
Relinquished by: Company: Date/Time:										
Relinquished by: Company: Date/Time:										

Chain of Custody Record



Client Information (Sub Contract Lab)				Sampler: Lab PM: Heathcote, Lee Ann		Carrier Tracking No(s): 320-244429.1		COC No 320-244429.1							
Client Contact: Shipping/Receiving				Phone: E-Mail: LeeAnn.Heathcote@Eurofinset.com		State of Origin: California		Page: Page 1 of 1							
Company: TestAmerica Laboratories, Inc.				Address:		Accreditations Required (See note): State - California		Job # 320-79970-1							
City: West Sacramento				PO #:		Analysis Requested		Preservation Codes:							
State, Zip: CA, 95605				WO #:				A - HCL M - Hexane B - NaOH N - None C - Zn Acetate O - AsNaO2 D - Nitric Acid P - Na2O4S Q - NaHSO4 R - Na2SO3 S - HzSO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 Z - other (specify) Other:							
Project Name: SSF TCC				Project #: 32018807											
Site:				SSOW#:											
Sample Identification - Client ID (Lab ID)				Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (Water, Solid, Overwater, BT-Tissue, Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B/CA_LUFMS/5035A_FW_7_Calc GRO C4-C12	8015B_DRO/3550B DRO/MRO	6010B/3050B CAM 17 List, minus Mercury	7471A/7471A_Prep Mercury	Total Number of Containers	Special Instructions/Note:
HA-145-1-S-12 (320-79970-1)				10/6/21	14:30 Pacific	Solid	Solid	X	X	X	X	X	X	4	
HA-145-2-S-8-9-5 (320-79970-2)				10/6/21	16:10 Pacific	Solid	Solid	X	X	X	X	X	X	4	
HA-145-3-S-2-5 (320-79970-3)				10/6/21	11:55 Pacific	Solid	Solid	X	X	X	X	X	X	4	
HA-145-3-S-6 (320-79970-4)				10/6/21	12:00 Pacific	Solid	Solid	X	X	X	X	X	X	4	
HA-145-3-S-11 (320-79970-5)				10/6/21	12:25 Pacific	Solid	Solid	X	X	X	X	X	X	4	
HA-145-4-S-2-5 (320-79970-6)				10/6/21	10:40 Pacific	Solid	Solid	X	X	X	X	X	X	4	
HA-145-4-S-6 (320-79970-7)				10/6/21	10:50 Pacific	Solid	Solid	X	X	X	X	X	X	4	
Note: Since laboratory accreditations are subject to change, Eurofins TestAmerica places the ownership of method, analyte & accreditation compliance upon our subcontractor laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins TestAmerica laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins TestAmerica attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins TestAmerica.															
Possible Hazard Identification Unconfirmed Deliverable Requested: I, II, III, IV, Other (specify) _____ Primary Deliverable Rank: 2 Date: _____															
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months Special Instructions/QC Requirements: _____															
Relinquished by: [Signature]				Date/Time: 10/7/21 16:05	Company: Eurofins		Received by: [Signature]		Date/Time: 10/7/21 16:05	Company: Eurofins		Method of Shipment: _____			
Relinquished by: [Signature]				Date/Time: 10-7-21 1925	Company: Eurofins		Received by: [Signature]		Date/Time: 10-7-21 1925	Company: Eurofins		Cooler Temperature(s) °C and Other Remarks: 2.3			
Relinquished by: [Signature]				Date/Time: _____	Company: _____		Received by: _____		Date/Time: _____	Company: _____		Custody Seal No.: _____			

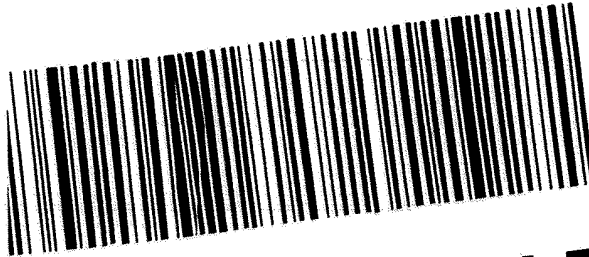
Chain of Custody Record



Client Information (Sub Contract Lab) Client Contact: Heathcote Lee Ann Shipping/Receiving: LeeAnn Heathcote@Eurofinset.com Company: Eurofins Calscience LLC Address: 7440 Lincoln Way City: Garden Grove State Zip: CA 92841 Phone: 714-895-5494(Tel) 714-894-7501(Fax) Email: Project Name: SSF TOC Site:		Lab PIV: Heathcote Lee Ann E-Mail: LeeAnn.Heathcote@Eurofinset.com Carrier Tracking No(s): State of Origin: California Accreditations Required (See note): State - California COC No: 320-245848.1 Page: Page 1 of 1 Job #: 320-79970.2
Due Date Requested: 10/24/2021 TAT Requested (days): PO #: WO #: Project #: 32018807 SOW#:	Analysis Requested 7196A/3060A (MOD) Copy Analytes Perform MS/MSD (Yes or No) Field Filtered Sample (Yes or No) Total Number of Containers	
Sample Date: 10/6/21 Sample Time: 11:55 Pacific Sample Type (C-comp, G-grab): Matrix (W-water, S-solid, O-wastewater, BT-Tissue, AA-Air)	Preservation Code: Solid Solid	Special Instructions/Note: A HCL B NaOH C Zn Acetate D Nitric Acid E NaHSO4 F MeOH G Amchlor H Ascorbic Acid I Ice J DI Water K EDTA L EDA Other: M Hexane N None O AsNaO2 P Na2O4S Q Na2SO3 R Na2S2O3 S H2SO4 T TSP Dodecahydrate U Acetone V MCAA W pH 4-5 Z other (specify)
Sample Identification - Client ID (Lab ID) HA-145-3-S-2 5 (320-79970-3) HA-145-4-S-2 5 (320-79970-6)		
Note: Since laboratory accreditations are subject to change Eurofins TestAmerica places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/test/matrix being analyzed the samples must be shipped back to the Eurofins TestAmerica laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins TestAmerica attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins TestAmerica.		
Possible Hazard Identification Unconfirmed Deliverable Requested I II III IV Other (specify) Primary Deliverable Rank 2		
Empty Kit Relinquished by:		
Relinquished by: [Signature] Relinquished by: [Signature] Relinquished by:	Date: 10-18-21 / 16:30 Date/Time: Date/Time: Date/Time:	Company: ETASAC Company: Company:
Received by: [Signature] Date/Time: 10/19/21 1000 Date/Time: Date/Time:		
Company: [Signature] Company: Company:		
Custody Seals Intact: Yes ☒ No ☐ Custody Seal No: 1086277 Cooler Temperature(s) °C and Other Remarks: 2.4 / 3.3 505		

eurofins Environment Testing TestAmerica

1086277



CA-US

92 APVA

92

TUE - 19 OCT 10
PRIORITY OVERNIGHT

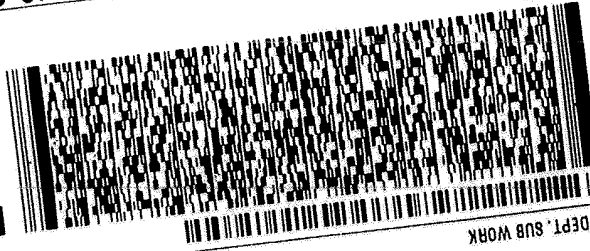
TRK# 4895 5417 1862

Custody Seal

12-18-21
[Signature]

DATE

SIGNATURE



DEPT. SUB WORK
GARDEN GROVE CA 92841
REF SEND OUTS

7440 LINCOLN WAY

10 SAMPLE RECEIVING

WEST SACRAMENTO, CA 95605
UNITED STATES US
880 RIVERSIDE PARKWAY
EUROFINS TESTAMERICA
TEST AMERICA
ORIGIN ID:BLUA

SHIP DATE: 18 OCT 10
ACTWGT: 19.55 LB
CAD: 852262/CAFE3506
BILL SENDER

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 320-79970-2

Login Number: 79970

List Source: Eurofins TestAmerica, Sacramento

List Number: 1

Creator: Garcia, Hilario A

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ 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.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 320-79970-2

Login Number: 79970

List Number: 2

Creator: Guzman, Juan

List Source: Eurofins TestAmerica, Sacramento

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	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	2.3
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?	False	Received project as a subcontract.
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.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 320-79970-2

Login Number: 79970

List Number: 3

Creator: Stratford, Jordan

List Source: Eurofins Calscience LLC

List Creation: 10/19/21 12:43 PM

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	1086277
Sample custody seals, if present, are intact.	N/A	Not Present
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	3.3
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?	False	Received project as a subcontract.
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.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

ANALYTICAL REPORT

Eurofins TestAmerica, Sacramento
880 Riverside Parkway
West Sacramento, CA 95605
Tel: (916)373-5600

Laboratory Job ID: 320-79970-3

Client Project/Site: SSF TCC

For:

Haley & Aldrich, Inc.
2033 North Main Street
Suite 309
Walnut Creek, California 94596

Attn: Jason Grant



Authorized for release by:
10/25/2021 4:39:50 PM

Lee Ann Heathcote, Project Manager II
(916)374-4333
LeeAnn.Heathcote@Eurofinset.com

LINKS

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results through

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www.eurofinsus.com/Env

The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

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

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

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Definitions/Glossary

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-79970-3

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
CFU	Colony Forming Unit
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)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
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)
TNTC	Too Numerous To Count

Case Narrative

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-79970-3

Job ID: 320-79970-3

Laboratory: Eurofins TestAmerica, Sacramento

Narrative

Job Narrative 320-79970-3

Comments

On 10/15/2021 the client requested STLC and TCLP metals leachate procedures be performed.

Receipt

The samples were received on 10/7/2021 9:22 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 0.8° C.

Metals

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

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-79970-3

Client Sample ID: HA-145-3-S-2.5

Lab Sample ID: 320-79970-3

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Chromium	0.64		0.10	mg/L	10		6010B	STLC Citrate
Nickel	5.7		0.10	mg/L	10		6010B	STLC Citrate

Client Sample ID: HA-145-4-S-2.5

Lab Sample ID: 320-79970-6

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Chromium	0.87		0.10	mg/L	10		6010B	STLC Citrate
Nickel	13		0.10	mg/L	10		6010B	STLC Citrate

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-79970-3

Client Sample ID: HA-145-3-S-2.5

Lab Sample ID: 320-79970-3

Date Collected: 10/06/21 11:55

Matrix: Solid

Date Received: 10/07/21 09:22

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	ND		0.10	mg/L		10/22/21 13:40	10/25/21 13:08	1

Method: 6010B - Metals (ICP) - STLC Citrate

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	0.64		0.10	mg/L			10/25/21 10:12	10
Nickel	5.7		0.10	mg/L			10/25/21 10:12	10

Client Sample ID: HA-145-4-S-2.5

Lab Sample ID: 320-79970-6

Date Collected: 10/06/21 10:40

Matrix: Solid

Date Received: 10/07/21 09:22

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	ND		0.10	mg/L		10/22/21 13:40	10/25/21 13:12	1

Method: 6010B - Metals (ICP) - STLC Citrate

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	0.87		0.10	mg/L			10/25/21 10:23	10
Nickel	13		0.10	mg/L			10/25/21 10:23	10

QC Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-79970-3

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 320-536580/1-A
Matrix: Solid
Analysis Batch: 537002

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 536580

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	ND		0.020	mg/L		10/22/21 13:40	10/25/21 12:38	1

Lab Sample ID: LCS 320-536580/2-A
Matrix: Solid
Analysis Batch: 537002

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 536580

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chromium	0.250	0.224		mg/L		90	84 - 114

Lab Sample ID: LB 320-535773/1-C
Matrix: Solid
Analysis Batch: 537002

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 536580

Analyte	LB Result	LB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	ND		0.10	mg/L		10/22/21 13:40	10/25/21 12:46	1

Lab Sample ID: LB4 320-535257/1-A ^10
Matrix: Solid
Analysis Batch: 536283

Client Sample ID: Method Blank
Prep Type: STLC Citrate

Analyte	LB4 Result	LB4 Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	ND		0.10	mg/L			10/21/21 17:02	10
Chromium	ND		0.10	mg/L			10/21/21 17:02	10

Lab Sample ID: LCS 320-535257/2-A ^10
Matrix: Solid
Analysis Batch: 536283

Client Sample ID: Lab Control Sample
Prep Type: STLC Citrate

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Nickel	1.00	0.960		mg/L		96	75 - 125
Chromium	1.00	0.999		mg/L		100	75 - 125

Lab Sample ID: LCSD 320-535257/3-A
Matrix: Solid
Analysis Batch: 536283

Client Sample ID: Lab Control Sample Dup
Prep Type: STLC Citrate

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Nickel	1.00	0.957		mg/L		96	75 - 125	0	20
Chromium	1.00	0.976		mg/L		98	75 - 125	2	20

QC Association Summary

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-79970-3

Metals

Leach Batch: 535257

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-79970-3	HA-145-3-S-2.5	STLC Citrate	Solid	CA WET Citrate	
320-79970-6	HA-145-4-S-2.5	STLC Citrate	Solid	CA WET Citrate	
LB4 320-535257/1-A ^10	Method Blank	STLC Citrate	Solid	CA WET Citrate	
LCS 320-535257/2-A ^10	Lab Control Sample	STLC Citrate	Solid	CA WET Citrate	
LCSD 320-535257/3-A	Lab Control Sample Dup	STLC Citrate	Solid	CA WET Citrate	

Leach Batch: 535773

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-79970-3	HA-145-3-S-2.5	TCLP	Solid	1311	
320-79970-6	HA-145-4-S-2.5	TCLP	Solid	1311	
LB 320-535773/1-C	Method Blank	TCLP	Solid	1311	

Analysis Batch: 536283

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB4 320-535257/1-A ^10	Method Blank	STLC Citrate	Solid	6010B	535257
LCS 320-535257/2-A ^10	Lab Control Sample	STLC Citrate	Solid	6010B	535257
LCSD 320-535257/3-A	Lab Control Sample Dup	STLC Citrate	Solid	6010B	535257

Prep Batch: 536580

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-79970-3	HA-145-3-S-2.5	TCLP	Solid	3010A	535773
320-79970-6	HA-145-4-S-2.5	TCLP	Solid	3010A	535773
LB 320-535773/1-C	Method Blank	TCLP	Solid	3010A	535773
MB 320-536580/1-A	Method Blank	Total/NA	Solid	3010A	
LCS 320-536580/2-A	Lab Control Sample	Total/NA	Solid	3010A	

Analysis Batch: 537002

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-79970-3	HA-145-3-S-2.5	STLC Citrate	Solid	6010B	535257
320-79970-3	HA-145-3-S-2.5	TCLP	Solid	6010B	536580
320-79970-6	HA-145-4-S-2.5	STLC Citrate	Solid	6010B	535257
320-79970-6	HA-145-4-S-2.5	TCLP	Solid	6010B	536580
LB 320-535773/1-C	Method Blank	TCLP	Solid	6010B	536580
MB 320-536580/1-A	Method Blank	Total/NA	Solid	6010B	536580
LCS 320-536580/2-A	Lab Control Sample	Total/NA	Solid	6010B	536580

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-79970-3

Client Sample ID: HA-145-3-S-2.5

Lab Sample ID: 320-79970-3

Date Collected: 10/06/21 11:55

Matrix: Solid

Date Received: 10/07/21 09:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
STLC Citrate	Leach	CA WET Citrate			50.38 g	500 mL	535257	10/19/21 09:57	JLV	TAL SAC
STLC Citrate	Analysis	6010B		10			537002	10/25/21 10:12	SP	TAL SAC
TCLP	Leach	1311			100.16 g	2000 mL	535773	10/21/21 17:17	JLV	TAL SAC
TCLP	Prep	3010A			10 mL	50 mL	536580	10/22/21 13:40	JP	TAL SAC
TCLP	Analysis	6010B		1			537002	10/25/21 13:08	SP	TAL SAC

Client Sample ID: HA-145-4-S-2.5

Lab Sample ID: 320-79970-6

Date Collected: 10/06/21 10:40

Matrix: Solid

Date Received: 10/07/21 09:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
STLC Citrate	Leach	CA WET Citrate			50.39 g	500 mL	535257	10/19/21 09:57	JLV	TAL SAC
STLC Citrate	Analysis	6010B		10			537002	10/25/21 10:23	SP	TAL SAC
TCLP	Leach	1311			100.35 g	2000 mL	535773	10/21/21 17:17	JLV	TAL SAC
TCLP	Prep	3010A			10 mL	50 mL	536580	10/22/21 13:40	JP	TAL SAC
TCLP	Analysis	6010B		1			537002	10/25/21 13:12	SP	TAL SAC

Laboratory References:

TAL SAC = Eurofins TestAmerica, Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Accreditation/Certification Summary

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-79970-3

Laboratory: Eurofins TestAmerica, Sacramento

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	State	2897	01-31-22

Method Summary

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-79970-3

Method	Method Description	Protocol	Laboratory
6010B	Metals (ICP)	SW846	TAL SAC
1311	TCLP Extraction	SW846	TAL SAC
3010A	Preparation, Total Metals	SW846	TAL SAC
CA WET Citrate	California - Waste Extraction Test with Citrate Leach	CA-WET	TAL SAC

Protocol References:

CA-WET = California Waste Extraction Test, from Title 22

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

Laboratory References:

TAL SAC = Eurofins TestAmerica, Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Sample Summary

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-79970-3

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
320-79970-3	HA-145-3-S-2.5	Solid	10/06/21 11:55	10/07/21 09:22
320-79970-6	HA-145-4-S-2.5	Solid	10/06/21 10:40	10/07/21 09:22

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320-79970

TestAmerica Sacramento

880 Riverside Parkway

West Sacramento, CA 95605-1500
phone 916.373.5600 fax 303.467.7248

TestAmerica's services under this CoC shall be performed in accordance with the T&Cs within Blanket Service Agreement # 2019-22-TestAmerica by and between Haley & Aldrich, Inc. its subsidiaries and affiliates, and TestAmerica Laboratories Inc.

Haley & Aldrich, Inc. Blanket Service Agreement #2019-22-TestAmerica

Regulatory Program.

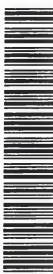
☐ DW ☐ NPDES ☐ RCRA ☐ Other

TestAmerica Laboratories, Inc.

TestAmerica Laboratories Inc.

Client Contact		H&A Project Manager: J. Grant		H&A Site Contact: A. Caveney		Date: 10/6/2021		COC No:		
Haley & Aldrich J. Grant		Tel/Fax: 925-949-4412		Lab Contact: L. Heathcote		Carrier:		1 of 1 COCs		
Address: 2033 North Main Street Suite 309		City/State/Zip: Walnut Creek, CA 94596		Analysis Turnaround Time		Sampler A. Caveney		For Lab Use Only:		
Phone: (925) 949-1012		FAX: (925) 979-1456		TAT if different from Below: 5-DAY TAT		Walk-in Client:		Lab Sampling:		
H&A Project Number 0203394-000-600-01 SSF TOC		Site: 145 Sylvester Road, South San Francisco, CA 94080		H&A P O #		Job / SDG No.		Sample Specific Notes:		
Sample Identification	Sample Date	Sample Time	Sample Type (CaComp, G-Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	VOCS and TPH-g Method 8260, preserved using Method 8035	TPH-d and TPH-mo using Method 8016	GC/MS Title 22 metals Method 6010/7471
HA-145-1-S-12	10/6/2021	1430	G	SL	4	N	X	X	X	
HA-145-2-S-8-9.5	10/6/2021	1610	G	SL	4	N	X	X	X	
HA-145-3-S-2.5	10/6/2021	1155	G	SL	4	N	X	X	X	
HA-145-3-S-6	10/6/2021	1200	G	SL	4	N	X	X	X	
HA-145-3-S-11	10/6/2021	1225	G	SL	4	N	X	X	X	
HA-145-4-S-2.5	10/6/2021	1040	G	SL	4	N	X	X	X	
HA-145-4-S-6	10/6/2021	1050	G	SL	4	N	X	X	X	
Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4= HNO3, 5= NaOH, 6= Other										
Possible Hazard Identification:										
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.										
Special Instructions/QC Requirements & Comments: Send results to: jgrant@haleyaldrich.com bmelin@haleyaldrich.com										
Custody Seal No. ☐ Yes ☐ No										
Relinquished by: <i>[Signature]</i> Company: <i>[Signature]</i>										
Relinquished by: <i>[Signature]</i> Company: <i>[Signature]</i>										
Relinquished by: <i>[Signature]</i> Company: <i>[Signature]</i>										
Cooler Temp. (°C): Obs'd: _____ Therm ID No. _____										
Date/Time: 10/7/21 922										
Date/Time: _____										
Date/Time: _____										

Chain of Custody Record



Client Information (Sub Contract Lab)		Sampler:		Lab PM:		Carrier Tracking No(s):		COC No	
Client Contact Shipping/Receiving		Phone:		Heathcote, Lee Ann				320-244429.1	
Company: TestAmerica Laboratories, Inc.		E-Mail:		LeeAnn.Heathcote@Eurofinset.com		State of Origin:		Page: 1 of 1	
Address: 880 Riverside Parkway, City: West Sacramento State, Zip: CA, 95605 Phone: 916-373-5600(Tel) 916-372-1059(Fax) Email:		Due Date Requested: 10/13/2021 TAT Requested (days):		Accreditations Required (See note): State - California		Job #		320-79970-1	
Project Name: SSF TCC		PO #		Matrix (W=water, S=solid, O=wastewater, BT=biological, A=air)		Field Filtered Sample (Yes or No)		Analysis Requested	
Site:		WO #		Sample Type (C=Comp, G=grab)		Preservation Code:		Total Number of Containers	
		Project #: 32018807		Sample Time		Sample Date		Special Instructions/Note:	
		SSOW#:							
HA-145-1-S-12 (320-79970-1)	10/6/21	14:30 Pacific	Solid	8260B/5035A_FW_7_Calc VOCs, Standard List	8260B/CA_LUFTMS/5035A_FW_7_Calc GRO CA-C12	8015B_DRO/3550B DRO/MRO	6010B/3050B CAM 17 List, minus Mercury	7471A/7471A_Prep Mercury	4
HA-145-2-S-8-9 5 (320-79970-2)	10/6/21	16:10 Pacific	Solid	X	X	X	X	X	4
HA-145-3-S-2 5 (320-79970-3)	10/6/21	11:55 Pacific	Solid	X	X	X	X	X	4
HA-145-3-S-6 (320-79970-4)	10/6/21	12:00 Pacific	Solid	X	X	X	X	X	4
HA-145-3-S-11 (320-79970-5)	10/6/21	12:25 Pacific	Solid	X	X	X	X	X	4
HA-145-4-S-2.5 (320-79970-6)	10/6/21	10:40 Pacific	Solid	X	X	X	X	X	4
HA-145-4-S-6 (320-79970-7)	10/6/21	10:50 Pacific	Solid	X	X	X	X	X	4

Note: Since laboratory accreditations are subject to change, Eurofins TestAmerica places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/test/matrix being analyzed, the samples must be shipped back to the Eurofins TestAmerica laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins TestAmerica attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins TestAmerica.

Possible Hazard Identification
Unconfirmed
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For ☐ Months

Special Instructions/QC Requirements:

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

Relinquished by: Date/Time: Company: Received by: Date/Time: Company: 10/7/21 16:15 DC5

Relinquished by: Date/Time: Company: Received by: Date/Time: Company: 10/7/21 19:25 DC5

Relinquished by: Date/Time: Company: Received by: Date/Time: Company: 10/7/21 19:25 DC5

Custody Seal No.: ☐ Yes ☐ No Cooler Temperature(s) °C and Other Remarks: 2.3

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 320-79970-3

Login Number: 79970

List Source: Eurofins TestAmerica, Sacramento

List Number: 1

Creator: Garcia, Hilario A

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ 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.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 320-79970-3

Login Number: 79970

List Source: Eurofins TestAmerica, Sacramento

List Number: 2

Creator: Guzman, Juan

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	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	2.3
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?	False	Received project as a subcontract.
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.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

ANALYTICAL REPORT

Eurofins TestAmerica, Sacramento
880 Riverside Parkway
West Sacramento, CA 95605
Tel: (916)373-5600

Laboratory Job ID: 320-80065-1

Client Project/Site: SSF TCC

For:

Haley & Aldrich, Inc.
2033 North Main Street
Suite 309
Walnut Creek, California 94596

Attn: Jason Grant



Authorized for release by:
10/20/2021 3:34:13 PM

Lee Ann Heathcote, Project Manager II
(916)374-4333
LeeAnn.Heathcote@Eurofinset.com

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The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

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

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

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Definitions/Glossary

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-80065-1

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
-----------	-----------------------

S1-	Surrogate recovery exceeds control limits, low biased.
-----	--

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
--------------	---

α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
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)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
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)
TNTC	Too Numerous To Count

Case Narrative

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-80065-1

Job ID: 320-80065-1

Laboratory: Eurofins TestAmerica, Sacramento

Narrative

Job Narrative 320-80065-1

Comments

No additional comments.

Receipt

The samples were received on 10/8/2021 11:13 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 1.0° C.

GC/MS VOA

Method 8260B: Bromomethane recovery in the initial calibration verification (ICV) associated with this batch was greater than the limit of +/- 25%D, at 27.5%. Per SOP WS-MS-0007 Rev.5.11 section 10.6.10, up to three gases are permitted to have recoveries at <30%D in the ICV; therefore, the data have been reported.

Method 8260B: The following sample was collected in a properly preserved vial; however, the pH was outside the required criteria when verified by the laboratory: HA-160-6-W (320-80065-5). The sample was analyzed outside the 7-day holding time specified for unpreserved samples but within the 14-day holding time specified for preserved samples (pH measured at 7).

Method 8260B: The following samples were diluted due to foaming at the time of purging during the original sample analysis: HA-145-2-W (320-80065-7) and HA-145-3-W (320-80065-8). Elevated reporting limits (RLs) are provided.

Method 8260B: The following sample was diluted to bring the concentration of target analytes within the calibration range: HA-160-5-W (320-80065-3). Elevated reporting limits (RLs) are provided.

Method 8260B: Insufficient sample volume was available to perform a matrix spike / matrix spike duplicate (MS/MSD) associated with preparation batch 320-532932 and analytical batch 320-533621. The laboratory control sample (LCS) was performed in duplicate to provide precision data for this batch.

Method 8260B: Insufficient sample volume was available to perform a matrix spike / matrix spike duplicate (MS/MSD) associated with analytical batch 320-535248. The laboratory control sample (LCS) was performed in duplicate to provide precision data for this batch.

Method 8260B: Insufficient sample volume was available to perform a matrix spike / matrix spike duplicate (MS/MSD) associated with analytical batch 320-535600. The laboratory control sample (LCS) was performed in duplicate to provide precision data for this batch.

Method 8260B/CA_LUFTMS: Insufficient sample volume was available to perform a matrix spike / matrix spike duplicate (MS/MSD) associated with preparation batch 320-532932 and analytical batch 320-533620. The laboratory control sample (LCS) was performed in duplicate to provide precision data for this batch.

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

GC Semi VOA

Method 8015B: Surrogate recovery for the following sample was outside control limits: HA-160-5-S-9 (320-80065-1). Evidence of matrix interference is present; therefore, re-extraction and re-analysis was not performed.

Method 8015B: The matrix spike / matrix spike duplicate (MS/MSD) precision for preparation batch 320-533457 and analytical batch 320-533970 was outside control limits. Sample non-homogeneity is suspected.

Method 8015B: The following sample contained a hydrocarbon pattern in the diesel range; however, the elution pattern was later than the typical diesel fuel pattern used by the laboratory for quantitative purposes: (320-80212-A-2-D).

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

Metals

Method 6010B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 320-533587 and analytical batch

Case Narrative

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-80065-1

Job ID: 320-80065-1 (Continued)

Laboratory: Eurofins TestAmerica, Sacramento (Continued)

320-534518 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 7471A: The matrix spike and matrix spike duplicate recoveries and precision for preparation batch 320-533428 and analytical batch 320-534444 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample and laboratory control sample duplicate (LCS/LCSD) precision and recoveries were within acceptance limits.

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

Organic Prep

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

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-80065-1

Client Sample ID: HA-160-5-S-9

Lab Sample ID: 320-80065-1

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Acetone	94		18	ug/Kg	1		8260B	Total/NA
2-Butanone (MEK)	16		9.2	ug/Kg	1		8260B	Total/NA
Arsenic	14		2.0	mg/Kg	1		6010B	Total/NA
Barium	57		0.98	mg/Kg	1		6010B	Total/NA
Beryllium	0.65		0.20	mg/Kg	1		6010B	Total/NA
Cadmium	0.28		0.20	mg/Kg	1		6010B	Total/NA
Cobalt	5.2		0.49	mg/Kg	1		6010B	Total/NA
Chromium	49		0.49	mg/Kg	1		6010B	Total/NA
Copper	23		1.5	mg/Kg	1		6010B	Total/NA
Nickel	40		0.98	mg/Kg	1		6010B	Total/NA
Lead	51		0.98	mg/Kg	1		6010B	Total/NA
Antimony	13		2.0	mg/Kg	1		6010B	Total/NA
Vanadium	38		0.49	mg/Kg	1		6010B	Total/NA
Zinc	160		2.0	mg/Kg	1		6010B	Total/NA
Mercury	0.32		0.039	mg/Kg	1		7471A	Total/NA

Client Sample ID: HA-160-5-S-7.5

Lab Sample ID: 320-80065-2

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	18		4.3	ug/Kg	1		8260B	Total/NA
Tetrachloroethene	140		4.3	ug/Kg	1		8260B	Total/NA
Trichloroethene	92		4.3	ug/Kg	1		8260B	Total/NA
Arsenic	4.5		1.9	mg/Kg	1		6010B	Total/NA
Barium	81		0.95	mg/Kg	1		6010B	Total/NA
Beryllium	0.96		0.19	mg/Kg	1		6010B	Total/NA
Cobalt	8.9		0.48	mg/Kg	1		6010B	Total/NA
Chromium	58		0.48	mg/Kg	1		6010B	Total/NA
Copper	15		1.4	mg/Kg	1		6010B	Total/NA
Nickel	55		0.95	mg/Kg	1		6010B	Total/NA
Lead	6.6		0.95	mg/Kg	1		6010B	Total/NA
Antimony	21		1.9	mg/Kg	1		6010B	Total/NA
Vanadium	41		0.48	mg/Kg	1		6010B	Total/NA
Zinc	34		1.9	mg/Kg	1		6010B	Total/NA
Mercury	0.12		0.040	mg/Kg	1		7471A	Total/NA

Client Sample ID: HA-160-5-W

Lab Sample ID: 320-80065-3

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	6.6		0.50	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	0.63		0.50	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	0.73		0.50	ug/L	1		8260B	Total/NA
Tetrachloroethene	18		0.50	ug/L	1		8260B	Total/NA
1,1,1-Trichloroethane	0.98		0.50	ug/L	1		8260B	Total/NA
Trichloroethene	20		0.50	ug/L	1		8260B	Total/NA
Vinyl chloride	19		0.50	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene - DL	120		2.5	ug/L	5		8260B	Total/NA

Client Sample ID: HA-160-6-S-9

Lab Sample ID: 320-80065-4

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	6.2		1.9	mg/Kg	1		6010B	Total/NA
Barium	150		0.95	mg/Kg	1		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Sacramento

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-80065-1

Client Sample ID: HA-160-6-S-9 (Continued)

Lab Sample ID: 320-80065-4

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Beryllium	1.7		0.19	mg/Kg	1		6010B	Total/NA
Cobalt	26		0.48	mg/Kg	1		6010B	Total/NA
Chromium	150		0.48	mg/Kg	1		6010B	Total/NA
Copper	39		1.4	mg/Kg	1		6010B	Total/NA
Nickel	210		0.95	mg/Kg	1		6010B	Total/NA
Lead	7.1		0.95	mg/Kg	1		6010B	Total/NA
Antimony	56		1.9	mg/Kg	1		6010B	Total/NA
Thallium	2.4		1.9	mg/Kg	1		6010B	Total/NA
Vanadium	84		0.48	mg/Kg	1		6010B	Total/NA
Zinc	60		1.9	mg/Kg	1		6010B	Total/NA
Mercury	0.051		0.043	mg/Kg	1		7471A	Total/NA

Client Sample ID: HA-160-6-W

Lab Sample ID: 320-80065-5

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	6.5		0.50	ug/L	1		8260B	Total/NA

Client Sample ID: HA-145-1-W

Lab Sample ID: 320-80065-6

No Detections.

Client Sample ID: HA-145-2-W

Lab Sample ID: 320-80065-7

No Detections.

Client Sample ID: HA-145-3-W

Lab Sample ID: 320-80065-8

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	11		10	ug/L	5		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-80065-1

Client Sample ID: HA-160-5-S-9

Lab Sample ID: 320-80065-1

Date Collected: 10/07/21 09:40

Matrix: Solid

Date Received: 10/08/21 11:13

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C4-C12	ND		0.46	mg/Kg		10/08/21 20:14	10/13/21 17:58	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 131			10/08/21 20:14	10/13/21 17:58	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	94		18	ug/Kg		10/08/21 20:14	10/13/21 17:58	1
Benzene	ND		4.6	ug/Kg		10/08/21 20:14	10/13/21 17:58	1
Bromobenzene	ND		4.6	ug/Kg		10/08/21 20:14	10/13/21 17:58	1
Bromochloromethane	ND		4.6	ug/Kg		10/08/21 20:14	10/13/21 17:58	1
Bromodichloromethane	ND		4.6	ug/Kg		10/08/21 20:14	10/13/21 17:58	1
Bromoform	ND		4.6	ug/Kg		10/08/21 20:14	10/13/21 17:58	1
Bromomethane	ND		4.6	ug/Kg		10/08/21 20:14	10/13/21 17:58	1
2-Butanone (MEK)	16		9.2	ug/Kg		10/08/21 20:14	10/13/21 17:58	1
n-Butylbenzene	ND		4.6	ug/Kg		10/08/21 20:14	10/13/21 17:58	1
sec-Butylbenzene	ND		4.6	ug/Kg		10/08/21 20:14	10/13/21 17:58	1
tert-Butylbenzene	ND		4.6	ug/Kg		10/08/21 20:14	10/13/21 17:58	1
Carbon disulfide	ND		9.2	ug/Kg		10/08/21 20:14	10/13/21 17:58	1
Carbon tetrachloride	ND		4.6	ug/Kg		10/08/21 20:14	10/13/21 17:58	1
Chlorobenzene	ND		4.6	ug/Kg		10/08/21 20:14	10/13/21 17:58	1
Chloroethane	ND		4.6	ug/Kg		10/08/21 20:14	10/13/21 17:58	1
Chloroform	ND		4.6	ug/Kg		10/08/21 20:14	10/13/21 17:58	1
Chloromethane	ND		4.6	ug/Kg		10/08/21 20:14	10/13/21 17:58	1
2-Chlorotoluene	ND		4.6	ug/Kg		10/08/21 20:14	10/13/21 17:58	1
4-Chlorotoluene	ND		4.6	ug/Kg		10/08/21 20:14	10/13/21 17:58	1
1,2-Dibromo-3-Chloropropane	ND		9.2	ug/Kg		10/08/21 20:14	10/13/21 17:58	1
1,2-Dibromoethane (EDB)	ND		9.2	ug/Kg		10/08/21 20:14	10/13/21 17:58	1
Dibromochloromethane	ND		4.6	ug/Kg		10/08/21 20:14	10/13/21 17:58	1
Dibromomethane	ND		4.6	ug/Kg		10/08/21 20:14	10/13/21 17:58	1
1,2-Dichlorobenzene	ND		4.6	ug/Kg		10/08/21 20:14	10/13/21 17:58	1
1,3-Dichlorobenzene	ND		4.6	ug/Kg		10/08/21 20:14	10/13/21 17:58	1
1,4-Dichlorobenzene	ND		4.6	ug/Kg		10/08/21 20:14	10/13/21 17:58	1
Dichlorodifluoromethane	ND		4.6	ug/Kg		10/08/21 20:14	10/13/21 17:58	1
1,1-Dichloroethane	ND		4.6	ug/Kg		10/08/21 20:14	10/13/21 17:58	1
1,2-Dichloroethane	ND		4.6	ug/Kg		10/08/21 20:14	10/13/21 17:58	1
cis-1,2-Dichloroethene	ND		4.6	ug/Kg		10/08/21 20:14	10/13/21 17:58	1
trans-1,2-Dichloroethene	ND		4.6	ug/Kg		10/08/21 20:14	10/13/21 17:58	1
1,1-Dichloroethene	ND		4.6	ug/Kg		10/08/21 20:14	10/13/21 17:58	1
1,2-Dichloropropane	ND		4.6	ug/Kg		10/08/21 20:14	10/13/21 17:58	1
1,3-Dichloropropane	ND		4.6	ug/Kg		10/08/21 20:14	10/13/21 17:58	1
2,2-Dichloropropane	ND		4.6	ug/Kg		10/08/21 20:14	10/13/21 17:58	1
cis-1,3-Dichloropropene	ND		4.6	ug/Kg		10/08/21 20:14	10/13/21 17:58	1
trans-1,3-Dichloropropene	ND		4.6	ug/Kg		10/08/21 20:14	10/13/21 17:58	1
1,1-Dichloropropene	ND		4.6	ug/Kg		10/08/21 20:14	10/13/21 17:58	1
Ethylbenzene	ND		4.6	ug/Kg		10/08/21 20:14	10/13/21 17:58	1
Hexachlorobutadiene	ND		4.6	ug/Kg		10/08/21 20:14	10/13/21 17:58	1
2-Hexanone	ND		9.2	ug/Kg		10/08/21 20:14	10/13/21 17:58	1
Isopropylbenzene	ND		4.6	ug/Kg		10/08/21 20:14	10/13/21 17:58	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-80065-1

Client Sample ID: HA-160-5-S-9

Lab Sample ID: 320-80065-1

Date Collected: 10/07/21 09:40

Matrix: Solid

Date Received: 10/08/21 11:13

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
p-Isopropyltoluene	ND		4.6	ug/Kg		10/08/21 20:14	10/13/21 17:58	1
4-Methyl-2-pentanone (MIBK)	ND		9.2	ug/Kg		10/08/21 20:14	10/13/21 17:58	1
Methyl tert-butyl ether	ND		9.2	ug/Kg		10/08/21 20:14	10/13/21 17:58	1
Methylene Chloride	ND		9.2	ug/Kg		10/08/21 20:14	10/13/21 17:58	1
Naphthalene	ND		4.6	ug/Kg		10/08/21 20:14	10/13/21 17:58	1
N-Propylbenzene	ND		4.6	ug/Kg		10/08/21 20:14	10/13/21 17:58	1
Styrene	ND		4.6	ug/Kg		10/08/21 20:14	10/13/21 17:58	1
1,1,1,2-Tetrachloroethane	ND		4.6	ug/Kg		10/08/21 20:14	10/13/21 17:58	1
1,1,2,2-Tetrachloroethane	ND		4.6	ug/Kg		10/08/21 20:14	10/13/21 17:58	1
Tetrachloroethene	ND		4.6	ug/Kg		10/08/21 20:14	10/13/21 17:58	1
Toluene	ND		4.6	ug/Kg		10/08/21 20:14	10/13/21 17:58	1
1,2,3-Trichlorobenzene	ND		4.6	ug/Kg		10/08/21 20:14	10/13/21 17:58	1
1,2,4-Trichlorobenzene	ND		4.6	ug/Kg		10/08/21 20:14	10/13/21 17:58	1
1,1,1-Trichloroethane	ND		4.6	ug/Kg		10/08/21 20:14	10/13/21 17:58	1
1,1,2-Trichloroethane	ND		4.6	ug/Kg		10/08/21 20:14	10/13/21 17:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.2	ug/Kg		10/08/21 20:14	10/13/21 17:58	1
Trichloroethene	ND		4.6	ug/Kg		10/08/21 20:14	10/13/21 17:58	1
Trichlorofluoromethane	ND		4.6	ug/Kg		10/08/21 20:14	10/13/21 17:58	1
1,2,3-Trichloropropane	ND		4.6	ug/Kg		10/08/21 20:14	10/13/21 17:58	1
1,2,4-Trimethylbenzene	ND		4.6	ug/Kg		10/08/21 20:14	10/13/21 17:58	1
1,3,5-Trimethylbenzene	ND		4.6	ug/Kg		10/08/21 20:14	10/13/21 17:58	1
Vinyl acetate	ND		9.2	ug/Kg		10/08/21 20:14	10/13/21 17:58	1
Vinyl chloride	ND		4.6	ug/Kg		10/08/21 20:14	10/13/21 17:58	1
m-Xylene & p-Xylene	ND		4.6	ug/Kg		10/08/21 20:14	10/13/21 17:58	1
o-Xylene	ND		4.6	ug/Kg		10/08/21 20:14	10/13/21 17:58	1
Xylenes, Total	ND		4.6	ug/Kg		10/08/21 20:14	10/13/21 17:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		63 - 143	10/08/21 20:14	10/13/21 17:58	1
1,2-Dichloroethane-d4 (Surr)	96		32 - 156	10/08/21 20:14	10/13/21 17:58	1
Toluene-d8 (Surr)	109		63 - 138	10/08/21 20:14	10/13/21 17:58	1
Dibromofluoromethane (Surr)	101		55 - 129	10/08/21 20:14	10/13/21 17:58	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		0.98	mg/Kg		10/13/21 09:35	10/14/21 17:22	1
Motor Oil Range Organics [C28-C40]	ND		4.9	mg/Kg		10/13/21 09:35	10/14/21 17:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl (Surr)	18	S1-	51 - 111	10/13/21 09:35	10/14/21 17:22	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.49	mg/Kg		10/14/21 15:01	10/15/21 14:45	1
Arsenic	14		2.0	mg/Kg		10/14/21 15:01	10/15/21 14:45	1
Barium	57		0.98	mg/Kg		10/14/21 15:01	10/15/21 14:45	1
Beryllium	0.65		0.20	mg/Kg		10/14/21 15:01	10/15/21 14:45	1
Cadmium	0.28		0.20	mg/Kg		10/14/21 15:01	10/15/21 14:45	1
Cobalt	5.2		0.49	mg/Kg		10/14/21 15:01	10/15/21 14:45	1
Chromium	49		0.49	mg/Kg		10/14/21 15:01	10/15/21 14:45	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-80065-1

Client Sample ID: HA-160-5-S-9

Lab Sample ID: 320-80065-1

Date Collected: 10/07/21 09:40

Matrix: Solid

Date Received: 10/08/21 11:13

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	23		1.5	mg/Kg		10/14/21 15:01	10/15/21 14:45	1
Molybdenum	ND		2.0	mg/Kg		10/14/21 15:01	10/15/21 14:45	1
Nickel	40		0.98	mg/Kg		10/14/21 15:01	10/15/21 14:45	1
Lead	51		0.98	mg/Kg		10/14/21 15:01	10/15/21 14:45	1
Selenium	ND		2.0	mg/Kg		10/14/21 15:01	10/15/21 14:45	1
Antimony	13		2.0	mg/Kg		10/14/21 15:01	10/15/21 14:45	1
Thallium	ND		2.0	mg/Kg		10/14/21 15:01	10/15/21 14:45	1
Vanadium	38		0.49	mg/Kg		10/14/21 15:01	10/15/21 14:45	1
Zinc	160		2.0	mg/Kg		10/14/21 15:01	10/15/21 14:45	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.32		0.039	mg/Kg		10/14/21 16:50	10/15/21 11:06	1

Client Sample ID: HA-160-5-S-7.5

Lab Sample ID: 320-80065-2

Date Collected: 10/07/21 09:50

Matrix: Solid

Date Received: 10/08/21 11:13

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C4-C12	ND		0.43	mg/Kg		10/08/21 20:14	10/13/21 18:21	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 131			10/08/21 20:14	10/13/21 18:21	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		17	ug/Kg		10/08/21 20:14	10/13/21 18:21	1
Benzene	ND		4.3	ug/Kg		10/08/21 20:14	10/13/21 18:21	1
Bromobenzene	ND		4.3	ug/Kg		10/08/21 20:14	10/13/21 18:21	1
Bromochloromethane	ND		4.3	ug/Kg		10/08/21 20:14	10/13/21 18:21	1
Bromodichloromethane	ND		4.3	ug/Kg		10/08/21 20:14	10/13/21 18:21	1
Bromoform	ND		4.3	ug/Kg		10/08/21 20:14	10/13/21 18:21	1
Bromomethane	ND		4.3	ug/Kg		10/08/21 20:14	10/13/21 18:21	1
2-Butanone (MEK)	ND		8.6	ug/Kg		10/08/21 20:14	10/13/21 18:21	1
n-Butylbenzene	ND		4.3	ug/Kg		10/08/21 20:14	10/13/21 18:21	1
sec-Butylbenzene	ND		4.3	ug/Kg		10/08/21 20:14	10/13/21 18:21	1
tert-Butylbenzene	ND		4.3	ug/Kg		10/08/21 20:14	10/13/21 18:21	1
Carbon disulfide	ND		8.6	ug/Kg		10/08/21 20:14	10/13/21 18:21	1
Carbon tetrachloride	ND		4.3	ug/Kg		10/08/21 20:14	10/13/21 18:21	1
Chlorobenzene	ND		4.3	ug/Kg		10/08/21 20:14	10/13/21 18:21	1
Chloroethane	ND		4.3	ug/Kg		10/08/21 20:14	10/13/21 18:21	1
Chloroform	ND		4.3	ug/Kg		10/08/21 20:14	10/13/21 18:21	1
Chloromethane	ND		4.3	ug/Kg		10/08/21 20:14	10/13/21 18:21	1
2-Chlorotoluene	ND		4.3	ug/Kg		10/08/21 20:14	10/13/21 18:21	1
4-Chlorotoluene	ND		4.3	ug/Kg		10/08/21 20:14	10/13/21 18:21	1
1,2-Dibromo-3-Chloropropane	ND		8.6	ug/Kg		10/08/21 20:14	10/13/21 18:21	1
1,2-Dibromoethane (EDB)	ND		8.6	ug/Kg		10/08/21 20:14	10/13/21 18:21	1
Dibromochloromethane	ND		4.3	ug/Kg		10/08/21 20:14	10/13/21 18:21	1
Dibromomethane	ND		4.3	ug/Kg		10/08/21 20:14	10/13/21 18:21	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-80065-1

Client Sample ID: HA-160-5-S-7.5

Lab Sample ID: 320-80065-2

Date Collected: 10/07/21 09:50

Matrix: Solid

Date Received: 10/08/21 11:13

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND		4.3	ug/Kg		10/08/21 20:14	10/13/21 18:21	1
1,3-Dichlorobenzene	ND		4.3	ug/Kg		10/08/21 20:14	10/13/21 18:21	1
1,4-Dichlorobenzene	ND		4.3	ug/Kg		10/08/21 20:14	10/13/21 18:21	1
Dichlorodifluoromethane	ND		4.3	ug/Kg		10/08/21 20:14	10/13/21 18:21	1
1,1-Dichloroethane	ND		4.3	ug/Kg		10/08/21 20:14	10/13/21 18:21	1
1,2-Dichloroethane	ND		4.3	ug/Kg		10/08/21 20:14	10/13/21 18:21	1
cis-1,2-Dichloroethene	18		4.3	ug/Kg		10/08/21 20:14	10/13/21 18:21	1
trans-1,2-Dichloroethene	ND		4.3	ug/Kg		10/08/21 20:14	10/13/21 18:21	1
1,1-Dichloroethene	ND		4.3	ug/Kg		10/08/21 20:14	10/13/21 18:21	1
1,2-Dichloropropane	ND		4.3	ug/Kg		10/08/21 20:14	10/13/21 18:21	1
1,3-Dichloropropane	ND		4.3	ug/Kg		10/08/21 20:14	10/13/21 18:21	1
2,2-Dichloropropane	ND		4.3	ug/Kg		10/08/21 20:14	10/13/21 18:21	1
cis-1,3-Dichloropropene	ND		4.3	ug/Kg		10/08/21 20:14	10/13/21 18:21	1
trans-1,3-Dichloropropene	ND		4.3	ug/Kg		10/08/21 20:14	10/13/21 18:21	1
1,1-Dichloropropene	ND		4.3	ug/Kg		10/08/21 20:14	10/13/21 18:21	1
Ethylbenzene	ND		4.3	ug/Kg		10/08/21 20:14	10/13/21 18:21	1
Hexachlorobutadiene	ND		4.3	ug/Kg		10/08/21 20:14	10/13/21 18:21	1
2-Hexanone	ND		8.6	ug/Kg		10/08/21 20:14	10/13/21 18:21	1
Isopropylbenzene	ND		4.3	ug/Kg		10/08/21 20:14	10/13/21 18:21	1
p-Isopropyltoluene	ND		4.3	ug/Kg		10/08/21 20:14	10/13/21 18:21	1
4-Methyl-2-pentanone (MIBK)	ND		8.6	ug/Kg		10/08/21 20:14	10/13/21 18:21	1
Methyl tert-butyl ether	ND		8.6	ug/Kg		10/08/21 20:14	10/13/21 18:21	1
Methylene Chloride	ND		8.6	ug/Kg		10/08/21 20:14	10/13/21 18:21	1
Naphthalene	ND		4.3	ug/Kg		10/08/21 20:14	10/13/21 18:21	1
N-Propylbenzene	ND		4.3	ug/Kg		10/08/21 20:14	10/13/21 18:21	1
Styrene	ND		4.3	ug/Kg		10/08/21 20:14	10/13/21 18:21	1
1,1,1,2-Tetrachloroethane	ND		4.3	ug/Kg		10/08/21 20:14	10/13/21 18:21	1
1,1,2,2-Tetrachloroethane	ND		4.3	ug/Kg		10/08/21 20:14	10/13/21 18:21	1
Tetrachloroethene	140		4.3	ug/Kg		10/08/21 20:14	10/13/21 18:21	1
Toluene	ND		4.3	ug/Kg		10/08/21 20:14	10/13/21 18:21	1
1,2,3-Trichlorobenzene	ND		4.3	ug/Kg		10/08/21 20:14	10/13/21 18:21	1
1,2,4-Trichlorobenzene	ND		4.3	ug/Kg		10/08/21 20:14	10/13/21 18:21	1
1,1,1-Trichloroethane	ND		4.3	ug/Kg		10/08/21 20:14	10/13/21 18:21	1
1,1,2-Trichloroethane	ND		4.3	ug/Kg		10/08/21 20:14	10/13/21 18:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		8.6	ug/Kg		10/08/21 20:14	10/13/21 18:21	1
Trichloroethene	92		4.3	ug/Kg		10/08/21 20:14	10/13/21 18:21	1
Trichlorofluoromethane	ND		4.3	ug/Kg		10/08/21 20:14	10/13/21 18:21	1
1,2,3-Trichloropropane	ND		4.3	ug/Kg		10/08/21 20:14	10/13/21 18:21	1
1,2,4-Trimethylbenzene	ND		4.3	ug/Kg		10/08/21 20:14	10/13/21 18:21	1
1,3,5-Trimethylbenzene	ND		4.3	ug/Kg		10/08/21 20:14	10/13/21 18:21	1
Vinyl acetate	ND		8.6	ug/Kg		10/08/21 20:14	10/13/21 18:21	1
Vinyl chloride	ND		4.3	ug/Kg		10/08/21 20:14	10/13/21 18:21	1
m-Xylene & p-Xylene	ND		4.3	ug/Kg		10/08/21 20:14	10/13/21 18:21	1
o-Xylene	ND		4.3	ug/Kg		10/08/21 20:14	10/13/21 18:21	1
Xylenes, Total	ND		4.3	ug/Kg		10/08/21 20:14	10/13/21 18:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		63 - 143	10/08/21 20:14	10/13/21 18:21	1
1,2-Dichloroethane-d4 (Surr)	102		32 - 156	10/08/21 20:14	10/13/21 18:21	1
Toluene-d8 (Surr)	114		63 - 138	10/08/21 20:14	10/13/21 18:21	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-80065-1

Client Sample ID: HA-160-5-S-7.5

Lab Sample ID: 320-80065-2

Date Collected: 10/07/21 09:50

Matrix: Solid

Date Received: 10/08/21 11:13

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	106		55 - 129	10/08/21 20:14	10/13/21 18:21	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		1.0	mg/Kg		10/13/21 09:35	10/14/21 17:50	1
Motor Oil Range Organics [C28-C40]	ND		5.0	mg/Kg		10/13/21 09:35	10/14/21 17:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl (Surr)	53		51 - 111	10/13/21 09:35	10/14/21 17:50	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.48	mg/Kg		10/14/21 15:01	10/15/21 14:49	1
Arsenic	4.5		1.9	mg/Kg		10/14/21 15:01	10/15/21 14:49	1
Barium	81		0.95	mg/Kg		10/14/21 15:01	10/15/21 14:49	1
Beryllium	0.96		0.19	mg/Kg		10/14/21 15:01	10/15/21 14:49	1
Cadmium	ND		0.19	mg/Kg		10/14/21 15:01	10/15/21 14:49	1
Cobalt	8.9		0.48	mg/Kg		10/14/21 15:01	10/15/21 14:49	1
Chromium	58		0.48	mg/Kg		10/14/21 15:01	10/15/21 14:49	1
Copper	15		1.4	mg/Kg		10/14/21 15:01	10/15/21 14:49	1
Molybdenum	ND		1.9	mg/Kg		10/14/21 15:01	10/15/21 14:49	1
Nickel	55		0.95	mg/Kg		10/14/21 15:01	10/15/21 14:49	1
Lead	6.6		0.95	mg/Kg		10/14/21 15:01	10/15/21 14:49	1
Selenium	ND		1.9	mg/Kg		10/14/21 15:01	10/15/21 14:49	1
Antimony	21		1.9	mg/Kg		10/14/21 15:01	10/15/21 14:49	1
Thallium	ND		1.9	mg/Kg		10/14/21 15:01	10/15/21 14:49	1
Vanadium	41		0.48	mg/Kg		10/14/21 15:01	10/15/21 14:49	1
Zinc	34		1.9	mg/Kg		10/14/21 15:01	10/15/21 14:49	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.12		0.040	mg/Kg		10/14/21 16:50	10/15/21 11:12	1

Client Sample ID: HA-160-5-W

Lab Sample ID: 320-80065-3

Date Collected: 10/07/21 09:15

Matrix: Water

Date Received: 10/08/21 11:13

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	ug/L			10/19/21 16:47	1
Benzene	ND		0.50	ug/L			10/19/21 16:47	1
Bromobenzene	ND		1.0	ug/L			10/19/21 16:47	1
Bromochloromethane	ND		1.0	ug/L			10/19/21 16:47	1
Bromodichloromethane	ND		0.50	ug/L			10/19/21 16:47	1
Bromoform	ND		1.0	ug/L			10/19/21 16:47	1
Bromomethane	ND		1.0	ug/L			10/19/21 16:47	1
n-Butylbenzene	ND		1.0	ug/L			10/19/21 16:47	1
2-Butanone (MEK)	ND		2.0	ug/L			10/19/21 16:47	1
sec-Butylbenzene	ND		1.0	ug/L			10/19/21 16:47	1
tert-Butylbenzene	ND		1.0	ug/L			10/19/21 16:47	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-80065-1

Client Sample ID: HA-160-5-W

Lab Sample ID: 320-80065-3

Date Collected: 10/07/21 09:15

Matrix: Water

Date Received: 10/08/21 11:13

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		0.50	ug/L			10/19/21 16:47	1
Chlorobenzene	ND		0.50	ug/L			10/19/21 16:47	1
Carbon disulfide	ND		2.0	ug/L			10/19/21 16:47	1
Chloroethane	ND		1.0	ug/L			10/19/21 16:47	1
Chloroform	ND		1.0	ug/L			10/19/21 16:47	1
Chloromethane	ND		1.0	ug/L			10/19/21 16:47	1
2-Chlorotoluene	ND		0.50	ug/L			10/19/21 16:47	1
4-Chlorotoluene	ND		0.50	ug/L			10/19/21 16:47	1
1,2-Dibromo-3-Chloropropane	ND		1.0	ug/L			10/19/21 16:47	1
1,2-Dibromoethane (EDB)	ND		0.50	ug/L			10/19/21 16:47	1
Dibromomethane	ND		0.50	ug/L			10/19/21 16:47	1
1,2-Dichlorobenzene	ND		0.50	ug/L			10/19/21 16:47	1
1,3-Dichlorobenzene	ND		0.50	ug/L			10/19/21 16:47	1
1,4-Dichlorobenzene	ND		0.50	ug/L			10/19/21 16:47	1
Dibromochloromethane	ND		0.50	ug/L			10/19/21 16:47	1
Dichlorodifluoromethane	ND		1.0	ug/L			10/19/21 16:47	1
1,1-Dichloroethane	6.6		0.50	ug/L			10/19/21 16:47	1
1,2-Dichloroethane	ND		0.50	ug/L			10/19/21 16:47	1
trans-1,2-Dichloroethene	0.63		0.50	ug/L			10/19/21 16:47	1
1,1-Dichloroethene	0.73		0.50	ug/L			10/19/21 16:47	1
1,2-Dichloropropane	ND		0.50	ug/L			10/19/21 16:47	1
1,3-Dichloropropane	ND		1.0	ug/L			10/19/21 16:47	1
2,2-Dichloropropane	ND		1.0	ug/L			10/19/21 16:47	1
cis-1,3-Dichloropropene	ND		0.50	ug/L			10/19/21 16:47	1
trans-1,3-Dichloropropene	ND		0.50	ug/L			10/19/21 16:47	1
1,1-Dichloropropene	ND		0.50	ug/L			10/19/21 16:47	1
Ethylbenzene	ND		0.50	ug/L			10/19/21 16:47	1
Hexachlorobutadiene	ND		1.0	ug/L			10/19/21 16:47	1
Isopropylbenzene	ND		0.50	ug/L			10/19/21 16:47	1
p-Isopropyltoluene	ND		1.0	ug/L			10/19/21 16:47	1
Methylene Chloride	ND		1.0	ug/L			10/19/21 16:47	1
Naphthalene	ND		1.0	ug/L			10/19/21 16:47	1
2-Hexanone	ND		2.0	ug/L			10/19/21 16:47	1
N-Propylbenzene	ND		1.0	ug/L			10/19/21 16:47	1
Styrene	ND		0.50	ug/L			10/19/21 16:47	1
1,1,1,2-Tetrachloroethane	ND		0.50	ug/L			10/19/21 16:47	1
1,1,2,2-Tetrachloroethane	ND		0.50	ug/L			10/19/21 16:47	1
4-Methyl-2-pentanone (MIBK)	ND		2.0	ug/L			10/19/21 16:47	1
Tetrachloroethene	18		0.50	ug/L			10/19/21 16:47	1
Toluene	ND		0.50	ug/L			10/19/21 16:47	1
1,2,3-Trichlorobenzene	ND		1.0	ug/L			10/19/21 16:47	1
1,2,4-Trichlorobenzene	ND		1.0	ug/L			10/19/21 16:47	1
1,1,1-Trichloroethane	0.98		0.50	ug/L			10/19/21 16:47	1
1,1,2-Trichloroethane	ND		0.50	ug/L			10/19/21 16:47	1
Trichloroethene	20		0.50	ug/L			10/19/21 16:47	1
Trichlorofluoromethane	ND		1.0	ug/L			10/19/21 16:47	1
1,2,3-Trichloropropane	ND		1.0	ug/L			10/19/21 16:47	1
1,2,4-Trimethylbenzene	ND		1.0	ug/L			10/19/21 16:47	1
1,3,5-Trimethylbenzene	ND		0.50	ug/L			10/19/21 16:47	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-80065-1

Client Sample ID: HA-160-5-W

Lab Sample ID: 320-80065-3

Date Collected: 10/07/21 09:15

Matrix: Water

Date Received: 10/08/21 11:13

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	19		0.50	ug/L			10/19/21 16:47	1
m-Xylene & p-Xylene	ND		0.50	ug/L			10/19/21 16:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	ug/L			10/19/21 16:47	1
o-Xylene	ND		0.50	ug/L			10/19/21 16:47	1
Vinyl acetate	ND		2.0	ug/L			10/19/21 16:47	1
Xylenes, Total	ND		0.50	ug/L			10/19/21 16:47	1
Methyl tert-butyl ether	ND		0.50	ug/L			10/19/21 16:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		74 - 120		10/19/21 16:47	1
1,2-Dichloroethane-d4 (Surr)	95		72 - 123		10/19/21 16:47	1
Toluene-d8 (Surr)	95		78 - 120		10/19/21 16:47	1
Dibromofluoromethane (Surr)	103		80 - 123		10/19/21 16:47	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	120		2.5	ug/L			10/20/21 14:31	5
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		74 - 120				10/20/21 14:31	5
1,2-Dichloroethane-d4 (Surr)	110		72 - 123				10/20/21 14:31	5
Toluene-d8 (Surr)	101		78 - 120				10/20/21 14:31	5
Dibromofluoromethane (Surr)	102		80 - 123				10/20/21 14:31	5

Client Sample ID: HA-160-6-S-9

Lab Sample ID: 320-80065-4

Date Collected: 10/07/21 10:00

Matrix: Solid

Date Received: 10/08/21 11:13

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C4-C12	ND		0.44	mg/Kg		10/08/21 20:14	10/13/21 18:43	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 131			10/08/21 20:14	10/13/21 18:43	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		18	ug/Kg		10/08/21 20:14	10/13/21 18:43	1
Benzene	ND		4.4	ug/Kg		10/08/21 20:14	10/13/21 18:43	1
Bromobenzene	ND		4.4	ug/Kg		10/08/21 20:14	10/13/21 18:43	1
Bromochloromethane	ND		4.4	ug/Kg		10/08/21 20:14	10/13/21 18:43	1
Bromodichloromethane	ND		4.4	ug/Kg		10/08/21 20:14	10/13/21 18:43	1
Bromoform	ND		4.4	ug/Kg		10/08/21 20:14	10/13/21 18:43	1
Bromomethane	ND		4.4	ug/Kg		10/08/21 20:14	10/13/21 18:43	1
2-Butanone (MEK)	ND		8.8	ug/Kg		10/08/21 20:14	10/13/21 18:43	1
n-Butylbenzene	ND		4.4	ug/Kg		10/08/21 20:14	10/13/21 18:43	1
sec-Butylbenzene	ND		4.4	ug/Kg		10/08/21 20:14	10/13/21 18:43	1
tert-Butylbenzene	ND		4.4	ug/Kg		10/08/21 20:14	10/13/21 18:43	1
Carbon disulfide	ND		8.8	ug/Kg		10/08/21 20:14	10/13/21 18:43	1
Carbon tetrachloride	ND		4.4	ug/Kg		10/08/21 20:14	10/13/21 18:43	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-80065-1

Client Sample ID: HA-160-6-S-9

Lab Sample ID: 320-80065-4

Date Collected: 10/07/21 10:00

Matrix: Solid

Date Received: 10/08/21 11:13

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		4.4	ug/Kg		10/08/21 20:14	10/13/21 18:43	1
Chloroethane	ND		4.4	ug/Kg		10/08/21 20:14	10/13/21 18:43	1
Chloroform	ND		4.4	ug/Kg		10/08/21 20:14	10/13/21 18:43	1
Chloromethane	ND		4.4	ug/Kg		10/08/21 20:14	10/13/21 18:43	1
2-Chlorotoluene	ND		4.4	ug/Kg		10/08/21 20:14	10/13/21 18:43	1
4-Chlorotoluene	ND		4.4	ug/Kg		10/08/21 20:14	10/13/21 18:43	1
1,2-Dibromo-3-Chloropropane	ND		8.8	ug/Kg		10/08/21 20:14	10/13/21 18:43	1
1,2-Dibromoethane (EDB)	ND		8.8	ug/Kg		10/08/21 20:14	10/13/21 18:43	1
Dibromochloromethane	ND		4.4	ug/Kg		10/08/21 20:14	10/13/21 18:43	1
Dibromomethane	ND		4.4	ug/Kg		10/08/21 20:14	10/13/21 18:43	1
1,2-Dichlorobenzene	ND		4.4	ug/Kg		10/08/21 20:14	10/13/21 18:43	1
1,3-Dichlorobenzene	ND		4.4	ug/Kg		10/08/21 20:14	10/13/21 18:43	1
1,4-Dichlorobenzene	ND		4.4	ug/Kg		10/08/21 20:14	10/13/21 18:43	1
Dichlorodifluoromethane	ND		4.4	ug/Kg		10/08/21 20:14	10/13/21 18:43	1
1,1-Dichloroethane	ND		4.4	ug/Kg		10/08/21 20:14	10/13/21 18:43	1
1,2-Dichloroethane	ND		4.4	ug/Kg		10/08/21 20:14	10/13/21 18:43	1
cis-1,2-Dichloroethene	ND		4.4	ug/Kg		10/08/21 20:14	10/13/21 18:43	1
trans-1,2-Dichloroethene	ND		4.4	ug/Kg		10/08/21 20:14	10/13/21 18:43	1
1,1-Dichloroethene	ND		4.4	ug/Kg		10/08/21 20:14	10/13/21 18:43	1
1,2-Dichloropropane	ND		4.4	ug/Kg		10/08/21 20:14	10/13/21 18:43	1
1,3-Dichloropropane	ND		4.4	ug/Kg		10/08/21 20:14	10/13/21 18:43	1
2,2-Dichloropropane	ND		4.4	ug/Kg		10/08/21 20:14	10/13/21 18:43	1
cis-1,3-Dichloropropene	ND		4.4	ug/Kg		10/08/21 20:14	10/13/21 18:43	1
trans-1,3-Dichloropropene	ND		4.4	ug/Kg		10/08/21 20:14	10/13/21 18:43	1
1,1-Dichloropropene	ND		4.4	ug/Kg		10/08/21 20:14	10/13/21 18:43	1
Ethylbenzene	ND		4.4	ug/Kg		10/08/21 20:14	10/13/21 18:43	1
Hexachlorobutadiene	ND		4.4	ug/Kg		10/08/21 20:14	10/13/21 18:43	1
2-Hexanone	ND		8.8	ug/Kg		10/08/21 20:14	10/13/21 18:43	1
Isopropylbenzene	ND		4.4	ug/Kg		10/08/21 20:14	10/13/21 18:43	1
p-Isopropyltoluene	ND		4.4	ug/Kg		10/08/21 20:14	10/13/21 18:43	1
4-Methyl-2-pentanone (MIBK)	ND		8.8	ug/Kg		10/08/21 20:14	10/13/21 18:43	1
Methyl tert-butyl ether	ND		8.8	ug/Kg		10/08/21 20:14	10/13/21 18:43	1
Methylene Chloride	ND		8.8	ug/Kg		10/08/21 20:14	10/13/21 18:43	1
Naphthalene	ND		4.4	ug/Kg		10/08/21 20:14	10/13/21 18:43	1
N-Propylbenzene	ND		4.4	ug/Kg		10/08/21 20:14	10/13/21 18:43	1
Styrene	ND		4.4	ug/Kg		10/08/21 20:14	10/13/21 18:43	1
1,1,1,2-Tetrachloroethane	ND		4.4	ug/Kg		10/08/21 20:14	10/13/21 18:43	1
1,1,2,2-Tetrachloroethane	ND		4.4	ug/Kg		10/08/21 20:14	10/13/21 18:43	1
Tetrachloroethene	ND		4.4	ug/Kg		10/08/21 20:14	10/13/21 18:43	1
Toluene	ND		4.4	ug/Kg		10/08/21 20:14	10/13/21 18:43	1
1,2,3-Trichlorobenzene	ND		4.4	ug/Kg		10/08/21 20:14	10/13/21 18:43	1
1,2,4-Trichlorobenzene	ND		4.4	ug/Kg		10/08/21 20:14	10/13/21 18:43	1
1,1,1-Trichloroethane	ND		4.4	ug/Kg		10/08/21 20:14	10/13/21 18:43	1
1,1,2-Trichloroethane	ND		4.4	ug/Kg		10/08/21 20:14	10/13/21 18:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		8.8	ug/Kg		10/08/21 20:14	10/13/21 18:43	1
Trichloroethene	ND		4.4	ug/Kg		10/08/21 20:14	10/13/21 18:43	1
Trichlorofluoromethane	ND		4.4	ug/Kg		10/08/21 20:14	10/13/21 18:43	1
1,2,3-Trichloropropane	ND		4.4	ug/Kg		10/08/21 20:14	10/13/21 18:43	1
1,2,4-Trimethylbenzene	ND		4.4	ug/Kg		10/08/21 20:14	10/13/21 18:43	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-80065-1

Client Sample ID: HA-160-6-S-9

Lab Sample ID: 320-80065-4

Date Collected: 10/07/21 10:00

Matrix: Solid

Date Received: 10/08/21 11:13

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	ND		4.4	ug/Kg		10/08/21 20:14	10/13/21 18:43	1
Vinyl acetate	ND		8.8	ug/Kg		10/08/21 20:14	10/13/21 18:43	1
Vinyl chloride	ND		4.4	ug/Kg		10/08/21 20:14	10/13/21 18:43	1
m-Xylene & p-Xylene	ND		4.4	ug/Kg		10/08/21 20:14	10/13/21 18:43	1
o-Xylene	ND		4.4	ug/Kg		10/08/21 20:14	10/13/21 18:43	1
Xylenes, Total	ND		4.4	ug/Kg		10/08/21 20:14	10/13/21 18:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		63 - 143	10/08/21 20:14	10/13/21 18:43	1
1,2-Dichloroethane-d4 (Surr)	101		32 - 156	10/08/21 20:14	10/13/21 18:43	1
Toluene-d8 (Surr)	115		63 - 138	10/08/21 20:14	10/13/21 18:43	1
Dibromofluoromethane (Surr)	102		55 - 129	10/08/21 20:14	10/13/21 18:43	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		0.97	mg/Kg		10/13/21 09:35	10/14/21 18:19	1
Motor Oil Range Organics [C28-C40]	ND		4.8	mg/Kg		10/13/21 09:35	10/14/21 18:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl (Surr)	53		51 - 111	10/13/21 09:35	10/14/21 18:19	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.48	mg/Kg		10/14/21 15:01	10/15/21 14:53	1
Arsenic	6.2		1.9	mg/Kg		10/14/21 15:01	10/15/21 14:53	1
Barium	150		0.95	mg/Kg		10/14/21 15:01	10/15/21 14:53	1
Beryllium	1.7		0.19	mg/Kg		10/14/21 15:01	10/15/21 14:53	1
Cadmium	ND		0.19	mg/Kg		10/14/21 15:01	10/15/21 14:53	1
Cobalt	26		0.48	mg/Kg		10/14/21 15:01	10/15/21 14:53	1
Chromium	150		0.48	mg/Kg		10/14/21 15:01	10/15/21 14:53	1
Copper	39		1.4	mg/Kg		10/14/21 15:01	10/15/21 14:53	1
Molybdenum	ND		1.9	mg/Kg		10/14/21 15:01	10/15/21 14:53	1
Nickel	210		0.95	mg/Kg		10/14/21 15:01	10/15/21 14:53	1
Lead	7.1		0.95	mg/Kg		10/14/21 15:01	10/15/21 14:53	1
Selenium	ND		1.9	mg/Kg		10/14/21 15:01	10/15/21 14:53	1
Antimony	56		1.9	mg/Kg		10/14/21 15:01	10/15/21 14:53	1
Thallium	2.4		1.9	mg/Kg		10/14/21 15:01	10/15/21 14:53	1
Vanadium	84		0.48	mg/Kg		10/14/21 15:01	10/15/21 14:53	1
Zinc	60		1.9	mg/Kg		10/14/21 15:01	10/15/21 14:53	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.051		0.043	mg/Kg		10/14/21 16:50	10/15/21 11:14	1

Client Sample ID: HA-160-6-W

Lab Sample ID: 320-80065-5

Date Collected: 10/07/21 09:30

Matrix: Water

Date Received: 10/08/21 11:13

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	ug/L			10/19/21 17:10	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-80065-1

Client Sample ID: HA-160-6-W

Lab Sample ID: 320-80065-5

Date Collected: 10/07/21 09:30

Matrix: Water

Date Received: 10/08/21 11:13

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50	ug/L			10/19/21 17:10	1
Bromobenzene	ND		1.0	ug/L			10/19/21 17:10	1
Bromochloromethane	ND		1.0	ug/L			10/19/21 17:10	1
Bromodichloromethane	ND		0.50	ug/L			10/19/21 17:10	1
Bromoform	ND		1.0	ug/L			10/19/21 17:10	1
Bromomethane	ND		1.0	ug/L			10/19/21 17:10	1
n-Butylbenzene	ND		1.0	ug/L			10/19/21 17:10	1
2-Butanone (MEK)	ND		2.0	ug/L			10/19/21 17:10	1
sec-Butylbenzene	ND		1.0	ug/L			10/19/21 17:10	1
tert-Butylbenzene	ND		1.0	ug/L			10/19/21 17:10	1
Carbon tetrachloride	ND		0.50	ug/L			10/19/21 17:10	1
Chlorobenzene	ND		0.50	ug/L			10/19/21 17:10	1
Carbon disulfide	ND		2.0	ug/L			10/19/21 17:10	1
Chloroethane	ND		1.0	ug/L			10/19/21 17:10	1
Chloroform	ND		1.0	ug/L			10/19/21 17:10	1
Chloromethane	ND		1.0	ug/L			10/19/21 17:10	1
2-Chlorotoluene	ND		0.50	ug/L			10/19/21 17:10	1
4-Chlorotoluene	ND		0.50	ug/L			10/19/21 17:10	1
1,2-Dibromo-3-Chloropropane	ND		1.0	ug/L			10/19/21 17:10	1
1,2-Dibromoethane (EDB)	ND		0.50	ug/L			10/19/21 17:10	1
Dibromomethane	ND		0.50	ug/L			10/19/21 17:10	1
1,2-Dichlorobenzene	ND		0.50	ug/L			10/19/21 17:10	1
1,3-Dichlorobenzene	ND		0.50	ug/L			10/19/21 17:10	1
1,4-Dichlorobenzene	ND		0.50	ug/L			10/19/21 17:10	1
Dibromochloromethane	ND		0.50	ug/L			10/19/21 17:10	1
Dichlorodifluoromethane	ND		1.0	ug/L			10/19/21 17:10	1
1,1-Dichloroethane	ND		0.50	ug/L			10/19/21 17:10	1
1,2-Dichloroethane	ND		0.50	ug/L			10/19/21 17:10	1
cis-1,2-Dichloroethene	6.5		0.50	ug/L			10/19/21 17:10	1
trans-1,2-Dichloroethene	ND		0.50	ug/L			10/19/21 17:10	1
1,1-Dichloroethene	ND		0.50	ug/L			10/19/21 17:10	1
1,2-Dichloropropane	ND		0.50	ug/L			10/19/21 17:10	1
1,3-Dichloropropane	ND		1.0	ug/L			10/19/21 17:10	1
2,2-Dichloropropane	ND		1.0	ug/L			10/19/21 17:10	1
cis-1,3-Dichloropropene	ND		0.50	ug/L			10/19/21 17:10	1
trans-1,3-Dichloropropene	ND		0.50	ug/L			10/19/21 17:10	1
1,1-Dichloropropene	ND		0.50	ug/L			10/19/21 17:10	1
Ethylbenzene	ND		0.50	ug/L			10/19/21 17:10	1
Hexachlorobutadiene	ND		1.0	ug/L			10/19/21 17:10	1
Isopropylbenzene	ND		0.50	ug/L			10/19/21 17:10	1
p-Isopropyltoluene	ND		1.0	ug/L			10/19/21 17:10	1
Methylene Chloride	ND		1.0	ug/L			10/19/21 17:10	1
Naphthalene	ND		1.0	ug/L			10/19/21 17:10	1
2-Hexanone	ND		2.0	ug/L			10/19/21 17:10	1
N-Propylbenzene	ND		1.0	ug/L			10/19/21 17:10	1
Styrene	ND		0.50	ug/L			10/19/21 17:10	1
1,1,1,2-Tetrachloroethane	ND		0.50	ug/L			10/19/21 17:10	1
1,1,2,2-Tetrachloroethane	ND		0.50	ug/L			10/19/21 17:10	1
4-Methyl-2-pentanone (MIBK)	ND		2.0	ug/L			10/19/21 17:10	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-80065-1

Client Sample ID: HA-160-6-W

Lab Sample ID: 320-80065-5

Date Collected: 10/07/21 09:30

Matrix: Water

Date Received: 10/08/21 11:13

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		0.50	ug/L			10/19/21 17:10	1
Toluene	ND		0.50	ug/L			10/19/21 17:10	1
1,2,3-Trichlorobenzene	ND		1.0	ug/L			10/19/21 17:10	1
1,2,4-Trichlorobenzene	ND		1.0	ug/L			10/19/21 17:10	1
1,1,1-Trichloroethane	ND		0.50	ug/L			10/19/21 17:10	1
1,1,2-Trichloroethane	ND		0.50	ug/L			10/19/21 17:10	1
Trichloroethene	ND		0.50	ug/L			10/19/21 17:10	1
Trichlorofluoromethane	ND		1.0	ug/L			10/19/21 17:10	1
1,2,3-Trichloropropane	ND		1.0	ug/L			10/19/21 17:10	1
1,2,4-Trimethylbenzene	ND		1.0	ug/L			10/19/21 17:10	1
1,3,5-Trimethylbenzene	ND		0.50	ug/L			10/19/21 17:10	1
Vinyl chloride	ND		0.50	ug/L			10/19/21 17:10	1
m-Xylene & p-Xylene	ND		0.50	ug/L			10/19/21 17:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	ug/L			10/19/21 17:10	1
o-Xylene	ND		0.50	ug/L			10/19/21 17:10	1
Vinyl acetate	ND		2.0	ug/L			10/19/21 17:10	1
Xylenes, Total	ND		0.50	ug/L			10/19/21 17:10	1
Methyl tert-butyl ether	ND		0.50	ug/L			10/19/21 17:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		74 - 120		10/19/21 17:10	1
1,2-Dichloroethane-d4 (Surr)	94		72 - 123		10/19/21 17:10	1
Toluene-d8 (Surr)	97		78 - 120		10/19/21 17:10	1
Dibromofluoromethane (Surr)	100		80 - 123		10/19/21 17:10	1

Client Sample ID: HA-145-1-W

Lab Sample ID: 320-80065-6

Date Collected: 10/07/21 11:00

Matrix: Water

Date Received: 10/08/21 11:13

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	ug/L			10/19/21 17:32	1
Benzene	ND		0.50	ug/L			10/19/21 17:32	1
Bromobenzene	ND		1.0	ug/L			10/19/21 17:32	1
Bromochloromethane	ND		1.0	ug/L			10/19/21 17:32	1
Bromodichloromethane	ND		0.50	ug/L			10/19/21 17:32	1
Bromoform	ND		1.0	ug/L			10/19/21 17:32	1
Bromomethane	ND		1.0	ug/L			10/19/21 17:32	1
n-Butylbenzene	ND		1.0	ug/L			10/19/21 17:32	1
2-Butanone (MEK)	ND		2.0	ug/L			10/19/21 17:32	1
sec-Butylbenzene	ND		1.0	ug/L			10/19/21 17:32	1
tert-Butylbenzene	ND		1.0	ug/L			10/19/21 17:32	1
Carbon tetrachloride	ND		0.50	ug/L			10/19/21 17:32	1
Chlorobenzene	ND		0.50	ug/L			10/19/21 17:32	1
Carbon disulfide	ND		2.0	ug/L			10/19/21 17:32	1
Chloroethane	ND		1.0	ug/L			10/19/21 17:32	1
Chloroform	ND		1.0	ug/L			10/19/21 17:32	1
Chloromethane	ND		1.0	ug/L			10/19/21 17:32	1
2-Chlorotoluene	ND		0.50	ug/L			10/19/21 17:32	1
4-Chlorotoluene	ND		0.50	ug/L			10/19/21 17:32	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-80065-1

Client Sample ID: HA-145-1-W

Lab Sample ID: 320-80065-6

Date Collected: 10/07/21 11:00

Matrix: Water

Date Received: 10/08/21 11:13

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	ND		1.0	ug/L			10/19/21 17:32	1
1,2-Dibromoethane (EDB)	ND		0.50	ug/L			10/19/21 17:32	1
Dibromomethane	ND		0.50	ug/L			10/19/21 17:32	1
1,2-Dichlorobenzene	ND		0.50	ug/L			10/19/21 17:32	1
1,3-Dichlorobenzene	ND		0.50	ug/L			10/19/21 17:32	1
1,4-Dichlorobenzene	ND		0.50	ug/L			10/19/21 17:32	1
Dibromochloromethane	ND		0.50	ug/L			10/19/21 17:32	1
Dichlorodifluoromethane	ND		1.0	ug/L			10/19/21 17:32	1
1,1-Dichloroethane	ND		0.50	ug/L			10/19/21 17:32	1
1,2-Dichloroethane	ND		0.50	ug/L			10/19/21 17:32	1
cis-1,2-Dichloroethene	ND		0.50	ug/L			10/19/21 17:32	1
trans-1,2-Dichloroethene	ND		0.50	ug/L			10/19/21 17:32	1
1,1-Dichloroethene	ND		0.50	ug/L			10/19/21 17:32	1
1,2-Dichloropropane	ND		0.50	ug/L			10/19/21 17:32	1
1,3-Dichloropropane	ND		1.0	ug/L			10/19/21 17:32	1
2,2-Dichloropropane	ND		1.0	ug/L			10/19/21 17:32	1
cis-1,3-Dichloropropene	ND		0.50	ug/L			10/19/21 17:32	1
trans-1,3-Dichloropropene	ND		0.50	ug/L			10/19/21 17:32	1
1,1-Dichloropropene	ND		0.50	ug/L			10/19/21 17:32	1
Ethylbenzene	ND		0.50	ug/L			10/19/21 17:32	1
Hexachlorobutadiene	ND		1.0	ug/L			10/19/21 17:32	1
Isopropylbenzene	ND		0.50	ug/L			10/19/21 17:32	1
p-Isopropyltoluene	ND		1.0	ug/L			10/19/21 17:32	1
Methylene Chloride	ND		1.0	ug/L			10/19/21 17:32	1
Naphthalene	ND		1.0	ug/L			10/19/21 17:32	1
2-Hexanone	ND		2.0	ug/L			10/19/21 17:32	1
N-Propylbenzene	ND		1.0	ug/L			10/19/21 17:32	1
Styrene	ND		0.50	ug/L			10/19/21 17:32	1
1,1,1,2-Tetrachloroethane	ND		0.50	ug/L			10/19/21 17:32	1
1,1,2,2-Tetrachloroethane	ND		0.50	ug/L			10/19/21 17:32	1
4-Methyl-2-pentanone (MIBK)	ND		2.0	ug/L			10/19/21 17:32	1
Tetrachloroethene	ND		0.50	ug/L			10/19/21 17:32	1
Toluene	ND		0.50	ug/L			10/19/21 17:32	1
1,2,3-Trichlorobenzene	ND		1.0	ug/L			10/19/21 17:32	1
1,2,4-Trichlorobenzene	ND		1.0	ug/L			10/19/21 17:32	1
1,1,1-Trichloroethane	ND		0.50	ug/L			10/19/21 17:32	1
1,1,2-Trichloroethane	ND		0.50	ug/L			10/19/21 17:32	1
Trichloroethene	ND		0.50	ug/L			10/19/21 17:32	1
Trichlorofluoromethane	ND		1.0	ug/L			10/19/21 17:32	1
1,2,3-Trichloropropane	ND		1.0	ug/L			10/19/21 17:32	1
1,2,4-Trimethylbenzene	ND		1.0	ug/L			10/19/21 17:32	1
1,3,5-Trimethylbenzene	ND		0.50	ug/L			10/19/21 17:32	1
Vinyl chloride	ND		0.50	ug/L			10/19/21 17:32	1
m-Xylene & p-Xylene	ND		0.50	ug/L			10/19/21 17:32	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	ug/L			10/19/21 17:32	1
o-Xylene	ND		0.50	ug/L			10/19/21 17:32	1
Vinyl acetate	ND		2.0	ug/L			10/19/21 17:32	1
Xylenes, Total	ND		0.50	ug/L			10/19/21 17:32	1
Methyl tert-butyl ether	ND		0.50	ug/L			10/19/21 17:32	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-80065-1

Client Sample ID: HA-145-1-W

Lab Sample ID: 320-80065-6

Date Collected: 10/07/21 11:00

Matrix: Water

Date Received: 10/08/21 11:13

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		74 - 120		10/19/21 17:32	1
1,2-Dichloroethane-d4 (Surr)	91		72 - 123		10/19/21 17:32	1
Toluene-d8 (Surr)	93		78 - 120		10/19/21 17:32	1
Dibromofluoromethane (Surr)	101		80 - 123		10/19/21 17:32	1

Client Sample ID: HA-145-2-W

Lab Sample ID: 320-80065-7

Date Collected: 10/07/21 10:45

Matrix: Water

Date Received: 10/08/21 11:13

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		50	ug/L			10/19/21 19:04	5
Benzene	ND		2.5	ug/L			10/19/21 19:04	5
Bromobenzene	ND		5.0	ug/L			10/19/21 19:04	5
Bromochloromethane	ND		5.0	ug/L			10/19/21 19:04	5
Bromodichloromethane	ND		2.5	ug/L			10/19/21 19:04	5
Bromoform	ND		5.0	ug/L			10/19/21 19:04	5
Bromomethane	ND		5.0	ug/L			10/19/21 19:04	5
n-Butylbenzene	ND		5.0	ug/L			10/19/21 19:04	5
2-Butanone (MEK)	ND		10	ug/L			10/19/21 19:04	5
sec-Butylbenzene	ND		5.0	ug/L			10/19/21 19:04	5
tert-Butylbenzene	ND		5.0	ug/L			10/19/21 19:04	5
Carbon tetrachloride	ND		2.5	ug/L			10/19/21 19:04	5
Chlorobenzene	ND		2.5	ug/L			10/19/21 19:04	5
Carbon disulfide	ND		10	ug/L			10/19/21 19:04	5
Chloroethane	ND		5.0	ug/L			10/19/21 19:04	5
Chloroform	ND		5.0	ug/L			10/19/21 19:04	5
Chloromethane	ND		5.0	ug/L			10/19/21 19:04	5
2-Chlorotoluene	ND		2.5	ug/L			10/19/21 19:04	5
4-Chlorotoluene	ND		2.5	ug/L			10/19/21 19:04	5
1,2-Dibromo-3-Chloropropane	ND		5.0	ug/L			10/19/21 19:04	5
1,2-Dibromoethane (EDB)	ND		2.5	ug/L			10/19/21 19:04	5
Dibromomethane	ND		2.5	ug/L			10/19/21 19:04	5
1,2-Dichlorobenzene	ND		2.5	ug/L			10/19/21 19:04	5
1,3-Dichlorobenzene	ND		2.5	ug/L			10/19/21 19:04	5
1,4-Dichlorobenzene	ND		2.5	ug/L			10/19/21 19:04	5
Dibromochloromethane	ND		2.5	ug/L			10/19/21 19:04	5
Dichlorodifluoromethane	ND		5.0	ug/L			10/19/21 19:04	5
1,1-Dichloroethane	ND		2.5	ug/L			10/19/21 19:04	5
1,2-Dichloroethane	ND		2.5	ug/L			10/19/21 19:04	5
cis-1,2-Dichloroethene	ND		2.5	ug/L			10/19/21 19:04	5
trans-1,2-Dichloroethene	ND		2.5	ug/L			10/19/21 19:04	5
1,1-Dichloroethene	ND		2.5	ug/L			10/19/21 19:04	5
1,2-Dichloropropane	ND		2.5	ug/L			10/19/21 19:04	5
1,3-Dichloropropane	ND		5.0	ug/L			10/19/21 19:04	5
2,2-Dichloropropane	ND		5.0	ug/L			10/19/21 19:04	5
cis-1,3-Dichloropropene	ND		2.5	ug/L			10/19/21 19:04	5
trans-1,3-Dichloropropene	ND		2.5	ug/L			10/19/21 19:04	5
1,1-Dichloropropene	ND		2.5	ug/L			10/19/21 19:04	5
Ethylbenzene	ND		2.5	ug/L			10/19/21 19:04	5

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-80065-1

Client Sample ID: HA-145-2-W

Lab Sample ID: 320-80065-7

Date Collected: 10/07/21 10:45

Matrix: Water

Date Received: 10/08/21 11:13

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	ND		5.0	ug/L			10/19/21 19:04	5
Isopropylbenzene	ND		2.5	ug/L			10/19/21 19:04	5
p-Isopropyltoluene	ND		5.0	ug/L			10/19/21 19:04	5
Methylene Chloride	ND		5.0	ug/L			10/19/21 19:04	5
Naphthalene	ND		5.0	ug/L			10/19/21 19:04	5
2-Hexanone	ND		10	ug/L			10/19/21 19:04	5
N-Propylbenzene	ND		5.0	ug/L			10/19/21 19:04	5
Styrene	ND		2.5	ug/L			10/19/21 19:04	5
1,1,1,2-Tetrachloroethane	ND		2.5	ug/L			10/19/21 19:04	5
1,1,2,2-Tetrachloroethane	ND		2.5	ug/L			10/19/21 19:04	5
4-Methyl-2-pentanone (MIBK)	ND		10	ug/L			10/19/21 19:04	5
Tetrachloroethene	ND		2.5	ug/L			10/19/21 19:04	5
Toluene	ND		2.5	ug/L			10/19/21 19:04	5
1,2,3-Trichlorobenzene	ND		5.0	ug/L			10/19/21 19:04	5
1,2,4-Trichlorobenzene	ND		5.0	ug/L			10/19/21 19:04	5
1,1,1-Trichloroethane	ND		2.5	ug/L			10/19/21 19:04	5
1,1,2-Trichloroethane	ND		2.5	ug/L			10/19/21 19:04	5
Trichloroethene	ND		2.5	ug/L			10/19/21 19:04	5
Trichlorofluoromethane	ND		5.0	ug/L			10/19/21 19:04	5
1,2,3-Trichloropropane	ND		5.0	ug/L			10/19/21 19:04	5
1,2,4-Trimethylbenzene	ND		5.0	ug/L			10/19/21 19:04	5
1,3,5-Trimethylbenzene	ND		2.5	ug/L			10/19/21 19:04	5
Vinyl chloride	ND		2.5	ug/L			10/19/21 19:04	5
m-Xylene & p-Xylene	ND		2.5	ug/L			10/19/21 19:04	5
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.5	ug/L			10/19/21 19:04	5
o-Xylene	ND		2.5	ug/L			10/19/21 19:04	5
Vinyl acetate	ND		10	ug/L			10/19/21 19:04	5
Xylenes, Total	ND		2.5	ug/L			10/19/21 19:04	5
Methyl tert-butyl ether	ND		2.5	ug/L			10/19/21 19:04	5
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		74 - 120				10/19/21 19:04	5
1,2-Dichloroethane-d4 (Surr)	92		72 - 123				10/19/21 19:04	5
Toluene-d8 (Surr)	97		78 - 120				10/19/21 19:04	5
Dibromofluoromethane (Surr)	100		80 - 123				10/19/21 19:04	5

Client Sample ID: HA-145-3-W

Lab Sample ID: 320-80065-8

Date Collected: 10/07/21 11:30

Matrix: Water

Date Received: 10/08/21 11:13

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		50	ug/L			10/19/21 19:27	5
Benzene	ND		2.5	ug/L			10/19/21 19:27	5
Bromobenzene	ND		5.0	ug/L			10/19/21 19:27	5
Bromochloromethane	ND		5.0	ug/L			10/19/21 19:27	5
Bromodichloromethane	ND		2.5	ug/L			10/19/21 19:27	5
Bromoform	ND		5.0	ug/L			10/19/21 19:27	5
Bromomethane	ND		5.0	ug/L			10/19/21 19:27	5
n-Butylbenzene	ND		5.0	ug/L			10/19/21 19:27	5

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-80065-1

Client Sample ID: HA-145-3-W

Lab Sample ID: 320-80065-8

Date Collected: 10/07/21 11:30

Matrix: Water

Date Received: 10/08/21 11:13

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	11		10	ug/L			10/19/21 19:27	5
sec-Butylbenzene	ND		5.0	ug/L			10/19/21 19:27	5
tert-Butylbenzene	ND		5.0	ug/L			10/19/21 19:27	5
Carbon tetrachloride	ND		2.5	ug/L			10/19/21 19:27	5
Chlorobenzene	ND		2.5	ug/L			10/19/21 19:27	5
Carbon disulfide	ND		10	ug/L			10/19/21 19:27	5
Chloroethane	ND		5.0	ug/L			10/19/21 19:27	5
Chloroform	ND		5.0	ug/L			10/19/21 19:27	5
Chloromethane	ND		5.0	ug/L			10/19/21 19:27	5
2-Chlorotoluene	ND		2.5	ug/L			10/19/21 19:27	5
4-Chlorotoluene	ND		2.5	ug/L			10/19/21 19:27	5
1,2-Dibromo-3-Chloropropane	ND		5.0	ug/L			10/19/21 19:27	5
1,2-Dibromoethane (EDB)	ND		2.5	ug/L			10/19/21 19:27	5
Dibromomethane	ND		2.5	ug/L			10/19/21 19:27	5
1,2-Dichlorobenzene	ND		2.5	ug/L			10/19/21 19:27	5
1,3-Dichlorobenzene	ND		2.5	ug/L			10/19/21 19:27	5
1,4-Dichlorobenzene	ND		2.5	ug/L			10/19/21 19:27	5
Dibromochloromethane	ND		2.5	ug/L			10/19/21 19:27	5
Dichlorodifluoromethane	ND		5.0	ug/L			10/19/21 19:27	5
1,1-Dichloroethane	ND		2.5	ug/L			10/19/21 19:27	5
1,2-Dichloroethane	ND		2.5	ug/L			10/19/21 19:27	5
cis-1,2-Dichloroethene	ND		2.5	ug/L			10/19/21 19:27	5
trans-1,2-Dichloroethene	ND		2.5	ug/L			10/19/21 19:27	5
1,1-Dichloroethene	ND		2.5	ug/L			10/19/21 19:27	5
1,2-Dichloropropane	ND		2.5	ug/L			10/19/21 19:27	5
1,3-Dichloropropane	ND		5.0	ug/L			10/19/21 19:27	5
2,2-Dichloropropane	ND		5.0	ug/L			10/19/21 19:27	5
cis-1,3-Dichloropropene	ND		2.5	ug/L			10/19/21 19:27	5
trans-1,3-Dichloropropene	ND		2.5	ug/L			10/19/21 19:27	5
1,1-Dichloropropene	ND		2.5	ug/L			10/19/21 19:27	5
Ethylbenzene	ND		2.5	ug/L			10/19/21 19:27	5
Hexachlorobutadiene	ND		5.0	ug/L			10/19/21 19:27	5
Isopropylbenzene	ND		2.5	ug/L			10/19/21 19:27	5
p-Isopropyltoluene	ND		5.0	ug/L			10/19/21 19:27	5
Methylene Chloride	ND		5.0	ug/L			10/19/21 19:27	5
Naphthalene	ND		5.0	ug/L			10/19/21 19:27	5
2-Hexanone	ND		10	ug/L			10/19/21 19:27	5
N-Propylbenzene	ND		5.0	ug/L			10/19/21 19:27	5
Styrene	ND		2.5	ug/L			10/19/21 19:27	5
1,1,1,2-Tetrachloroethane	ND		2.5	ug/L			10/19/21 19:27	5
1,1,2,2-Tetrachloroethane	ND		2.5	ug/L			10/19/21 19:27	5
4-Methyl-2-pentanone (MIBK)	ND		10	ug/L			10/19/21 19:27	5
Tetrachloroethene	ND		2.5	ug/L			10/19/21 19:27	5
Toluene	ND		2.5	ug/L			10/19/21 19:27	5
1,2,3-Trichlorobenzene	ND		5.0	ug/L			10/19/21 19:27	5
1,2,4-Trichlorobenzene	ND		5.0	ug/L			10/19/21 19:27	5
1,1,1-Trichloroethane	ND		2.5	ug/L			10/19/21 19:27	5
1,1,2-Trichloroethane	ND		2.5	ug/L			10/19/21 19:27	5
Trichloroethene	ND		2.5	ug/L			10/19/21 19:27	5

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-80065-1

Client Sample ID: HA-145-3-W

Lab Sample ID: 320-80065-8

Date Collected: 10/07/21 11:30

Matrix: Water

Date Received: 10/08/21 11:13

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	ND		5.0	ug/L			10/19/21 19:27	5
1,2,3-Trichloropropane	ND		5.0	ug/L			10/19/21 19:27	5
1,2,4-Trimethylbenzene	ND		5.0	ug/L			10/19/21 19:27	5
1,3,5-Trimethylbenzene	ND		2.5	ug/L			10/19/21 19:27	5
Vinyl chloride	ND		2.5	ug/L			10/19/21 19:27	5
m-Xylene & p-Xylene	ND		2.5	ug/L			10/19/21 19:27	5
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.5	ug/L			10/19/21 19:27	5
o-Xylene	ND		2.5	ug/L			10/19/21 19:27	5
Vinyl acetate	ND		10	ug/L			10/19/21 19:27	5
Xylenes, Total	ND		2.5	ug/L			10/19/21 19:27	5
Methyl tert-butyl ether	ND		2.5	ug/L			10/19/21 19:27	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		74 - 120		10/19/21 19:27	5
1,2-Dichloroethane-d4 (Surr)	97		72 - 123		10/19/21 19:27	5
Toluene-d8 (Surr)	100		78 - 120		10/19/21 19:27	5
Dibromofluoromethane (Surr)	103		80 - 123		10/19/21 19:27	5

Surrogate Summary

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-80065-1

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 (63-143)	DCA (32-156)	TOL (63-138)	DBFM (55-129)
320-80065-1	HA-160-5-S-9	98	96	109	101
320-80065-2	HA-160-5-S-7.5	99	102	114	106
320-80065-4	HA-160-6-S-9	105	101	115	102
LCS 320-533621/7	Lab Control Sample	106	98	113	102
LCSD 320-533621/8	Lab Control Sample Dup	106	95	115	103
MB 320-533621/10	Method Blank	108	100	114	100

Surrogate Legend

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

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		BFB (74-120)	DCA (72-123)	TOL (78-120)	DBFM (80-123)
320-80065-3	HA-160-5-W	95	95	95	103
320-80065-3 - DL	HA-160-5-W	112	110	101	102
320-80065-5	HA-160-6-W	97	94	97	100
320-80065-6	HA-145-1-W	95	91	93	101
320-80065-7	HA-145-2-W	89	92	97	100
320-80065-8	HA-145-3-W	98	97	100	103
LCS 320-535248/6	Lab Control Sample	93	90	98	101
LCS 320-535600/3	Lab Control Sample	109	109	101	106
LCSD 320-535248/7	Lab Control Sample Dup	95	93	98	106
LCSD 320-535600/4	Lab Control Sample Dup	108	110	101	105
MB 320-535248/11	Method Blank	98	94	96	105
MB 320-535600/29	Method Blank	106	112	96	104

Surrogate Legend

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

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		BFB (70-131)			
320-80065-1	HA-160-5-S-9	98			
320-80065-2	HA-160-5-S-7.5	99			
320-80065-4	HA-160-6-S-9	105			
LCS 320-533620/5	Lab Control Sample	109			
LCSD 320-533620/6	Lab Control Sample Dup	108			
MB 320-533620/10	Method Blank	108			

Surrogate Legend

Eurofins TestAmerica, Sacramento

Surrogate Summary

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC
BFB = 4-Bromofluorobenzene (Surr)

Job ID: 320-80065-1

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

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	OTPH1 (51-111)
320-80065-1	HA-160-5-S-9	18 S1-
320-80065-2	HA-160-5-S-7.5	53
320-80065-4	HA-160-6-S-9	53
LCS 320-533457/2-A	Lab Control Sample	63
MB 320-533457/1-A	Method Blank	60

Surrogate Legend

OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-80065-1

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

Lab Sample ID: MB 320-533621/10

Matrix: Solid

Analysis Batch: 533621

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		20	ug/Kg			10/13/21 16:07	1
Benzene	ND		5.0	ug/Kg			10/13/21 16:07	1
Bromobenzene	ND		5.0	ug/Kg			10/13/21 16:07	1
Bromochloromethane	ND		5.0	ug/Kg			10/13/21 16:07	1
Bromodichloromethane	ND		5.0	ug/Kg			10/13/21 16:07	1
Bromoform	ND		5.0	ug/Kg			10/13/21 16:07	1
Bromomethane	ND		5.0	ug/Kg			10/13/21 16:07	1
2-Butanone (MEK)	ND		10	ug/Kg			10/13/21 16:07	1
n-Butylbenzene	ND		5.0	ug/Kg			10/13/21 16:07	1
sec-Butylbenzene	ND		5.0	ug/Kg			10/13/21 16:07	1
tert-Butylbenzene	ND		5.0	ug/Kg			10/13/21 16:07	1
Carbon tetrachloride	ND		5.0	ug/Kg			10/13/21 16:07	1
Carbon disulfide	ND		10	ug/Kg			10/13/21 16:07	1
Chlorobenzene	ND		5.0	ug/Kg			10/13/21 16:07	1
Chloroethane	ND		5.0	ug/Kg			10/13/21 16:07	1
Chloroform	ND		5.0	ug/Kg			10/13/21 16:07	1
Chloromethane	ND		5.0	ug/Kg			10/13/21 16:07	1
2-Chlorotoluene	ND		5.0	ug/Kg			10/13/21 16:07	1
4-Chlorotoluene	ND		5.0	ug/Kg			10/13/21 16:07	1
1,2-Dibromo-3-Chloropropane	ND		10	ug/Kg			10/13/21 16:07	1
1,2-Dibromoethane (EDB)	ND		10	ug/Kg			10/13/21 16:07	1
Dibromomethane	ND		5.0	ug/Kg			10/13/21 16:07	1
1,2-Dichlorobenzene	ND		5.0	ug/Kg			10/13/21 16:07	1
1,3-Dichlorobenzene	ND		5.0	ug/Kg			10/13/21 16:07	1
1,4-Dichlorobenzene	ND		5.0	ug/Kg			10/13/21 16:07	1
Dibromochloromethane	ND		5.0	ug/Kg			10/13/21 16:07	1
Dichlorodifluoromethane	ND		5.0	ug/Kg			10/13/21 16:07	1
1,1-Dichloroethane	ND		5.0	ug/Kg			10/13/21 16:07	1
1,2-Dichloroethane	ND		5.0	ug/Kg			10/13/21 16:07	1
cis-1,2-Dichloroethene	ND		5.0	ug/Kg			10/13/21 16:07	1
trans-1,2-Dichloroethene	ND		5.0	ug/Kg			10/13/21 16:07	1
1,1-Dichloroethene	ND		5.0	ug/Kg			10/13/21 16:07	1
1,2-Dichloropropane	ND		5.0	ug/Kg			10/13/21 16:07	1
1,3-Dichloropropane	ND		5.0	ug/Kg			10/13/21 16:07	1
2,2-Dichloropropane	ND		5.0	ug/Kg			10/13/21 16:07	1
cis-1,3-Dichloropropene	ND		5.0	ug/Kg			10/13/21 16:07	1
trans-1,3-Dichloropropene	ND		5.0	ug/Kg			10/13/21 16:07	1
1,1-Dichloropropene	ND		5.0	ug/Kg			10/13/21 16:07	1
Ethylbenzene	ND		5.0	ug/Kg			10/13/21 16:07	1
Hexachlorobutadiene	ND		5.0	ug/Kg			10/13/21 16:07	1
Isopropylbenzene	ND		5.0	ug/Kg			10/13/21 16:07	1
p-Isopropyltoluene	ND		5.0	ug/Kg			10/13/21 16:07	1
2-Hexanone	ND		10	ug/Kg			10/13/21 16:07	1
Methylene Chloride	ND		10	ug/Kg			10/13/21 16:07	1
Naphthalene	ND		5.0	ug/Kg			10/13/21 16:07	1
N-Propylbenzene	ND		5.0	ug/Kg			10/13/21 16:07	1
Styrene	ND		5.0	ug/Kg			10/13/21 16:07	1
1,1,1,2-Tetrachloroethane	ND		5.0	ug/Kg			10/13/21 16:07	1

Eurofins TestAmerica, Sacramento

QC Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-80065-1

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

Lab Sample ID: MB 320-533621/10

Matrix: Solid

Analysis Batch: 533621

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methyl-2-pentanone (MIBK)	ND		10	ug/Kg			10/13/21 16:07	1
1,1,2,2-Tetrachloroethane	ND		5.0	ug/Kg			10/13/21 16:07	1
Tetrachloroethene	ND		5.0	ug/Kg			10/13/21 16:07	1
Toluene	ND		5.0	ug/Kg			10/13/21 16:07	1
1,2,3-Trichlorobenzene	ND		5.0	ug/Kg			10/13/21 16:07	1
1,2,4-Trichlorobenzene	ND		5.0	ug/Kg			10/13/21 16:07	1
1,1,1-Trichloroethane	ND		5.0	ug/Kg			10/13/21 16:07	1
1,1,2-Trichloroethane	ND		5.0	ug/Kg			10/13/21 16:07	1
Trichloroethene	ND		5.0	ug/Kg			10/13/21 16:07	1
Trichlorofluoromethane	ND		5.0	ug/Kg			10/13/21 16:07	1
1,2,3-Trichloropropane	ND		5.0	ug/Kg			10/13/21 16:07	1
1,2,4-Trimethylbenzene	ND		5.0	ug/Kg			10/13/21 16:07	1
1,3,5-Trimethylbenzene	ND		5.0	ug/Kg			10/13/21 16:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	ug/Kg			10/13/21 16:07	1
Vinyl chloride	ND		5.0	ug/Kg			10/13/21 16:07	1
m-Xylene & p-Xylene	ND		5.0	ug/Kg			10/13/21 16:07	1
o-Xylene	ND		5.0	ug/Kg			10/13/21 16:07	1
Vinyl acetate	ND		10	ug/Kg			10/13/21 16:07	1
Xylenes, Total	ND		5.0	ug/Kg			10/13/21 16:07	1
Methyl tert-butyl ether	ND		10	ug/Kg			10/13/21 16:07	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		63 - 143		10/13/21 16:07	1
1,2-Dichloroethane-d4 (Surr)	100		32 - 156		10/13/21 16:07	1
Toluene-d8 (Surr)	114		63 - 138		10/13/21 16:07	1
Dibromofluoromethane (Surr)	100		55 - 129		10/13/21 16:07	1

Lab Sample ID: LCS 320-533621/7

Matrix: Solid

Analysis Batch: 533621

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	125	122		ug/Kg		98	64 - 128
Benzene	50.0	51.7		ug/Kg		103	78 - 128
Bromobenzene	50.0	54.0		ug/Kg		108	67 - 132
Bromochloromethane	50.0	50.0		ug/Kg		100	80 - 127
Bromodichloromethane	50.0	51.1		ug/Kg		102	80 - 137
Bromoform	50.0	48.8		ug/Kg		98	80 - 136
Bromomethane	50.0	49.1		ug/Kg		98	48 - 164
2-Butanone (MEK)	125	106		ug/Kg		85	71 - 142
n-Butylbenzene	50.0	54.5		ug/Kg		109	68 - 136
sec-Butylbenzene	50.0	55.4		ug/Kg		111	68 - 131
tert-Butylbenzene	50.0	56.7		ug/Kg		113	67 - 131
Carbon tetrachloride	50.0	51.7		ug/Kg		103	62 - 154
Carbon disulfide	50.0	47.6		ug/Kg		95	52 - 145
Chlorobenzene	50.0	51.8		ug/Kg		104	74 - 125
Chloroethane	50.0	47.5		ug/Kg		95	54 - 148
Chloroform	50.0	51.3		ug/Kg		103	78 - 135

Eurofins TestAmerica, Sacramento

QC Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-80065-1

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

Lab Sample ID: LCS 320-533621/7

Matrix: Solid

Analysis Batch: 533621

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	47.0		ug/Kg		94	60 - 141
2-Chlorotoluene	50.0	55.0		ug/Kg		110	64 - 127
4-Chlorotoluene	50.0	54.2		ug/Kg		108	67 - 128
1,2-Dibromo-3-Chloropropane	50.0	49.7		ug/Kg		99	75 - 137
1,2-Dibromoethane (EDB)	50.0	52.9		ug/Kg		106	80 - 124
Dibromomethane	50.0	50.3		ug/Kg		101	80 - 129
1,2-Dichlorobenzene	50.0	52.4		ug/Kg		105	68 - 121
1,3-Dichlorobenzene	50.0	51.7		ug/Kg		103	64 - 126
1,4-Dichlorobenzene	50.0	51.8		ug/Kg		104	65 - 124
Dibromochloromethane	50.0	50.5		ug/Kg		101	80 - 133
Dichlorodifluoromethane	50.0	40.8		ug/Kg		82	60 - 130
1,1-Dichloroethane	50.0	51.2		ug/Kg		102	76 - 134
1,2-Dichloroethane	50.0	51.6		ug/Kg		103	66 - 150
cis-1,2-Dichloroethene	50.0	50.8		ug/Kg		102	74 - 131
trans-1,2-Dichloroethene	50.0	49.1		ug/Kg		98	67 - 135
1,1-Dichloroethene	50.0	49.8		ug/Kg		100	66 - 136
1,2-Dichloropropane	50.0	51.5		ug/Kg		103	80 - 129
1,3-Dichloropropane	50.0	53.3		ug/Kg		107	80 - 123
2,2-Dichloropropane	50.0	49.7		ug/Kg		99	69 - 153
cis-1,3-Dichloropropene	50.0	52.8		ug/Kg		106	80 - 134
trans-1,3-Dichloropropene	50.0	53.2		ug/Kg		106	80 - 148
1,1-Dichloropropene	50.0	51.9		ug/Kg		104	76 - 132
Ethylbenzene	50.0	52.9		ug/Kg		106	72 - 125
Hexachlorobutadiene	50.0	55.8		ug/Kg		112	52 - 140
Isopropylbenzene	50.0	53.1		ug/Kg		106	69 - 137
p-Isopropyltoluene	50.0	55.6		ug/Kg		111	64 - 137
2-Hexanone	125	119		ug/Kg		95	78 - 143
Methylene Chloride	50.0	50.9		ug/Kg		102	77 - 125
Naphthalene	50.0	56.8		ug/Kg		114	53 - 140
N-Propylbenzene	50.0	55.4		ug/Kg		111	63 - 128
Styrene	50.0	52.7		ug/Kg		105	79 - 128
1,1,1,2-Tetrachloroethane	50.0	51.7		ug/Kg		103	77 - 134
4-Methyl-2-pentanone (MIBK)	125	115		ug/Kg		92	79 - 150
1,1,1,2-Tetrachloroethane	50.0	55.9		ug/Kg		112	71 - 134
Tetrachloroethene	50.0	51.9		ug/Kg		104	65 - 135
Toluene	50.0	53.2		ug/Kg		106	80 - 124
1,2,3-Trichlorobenzene	50.0	56.7		ug/Kg		113	54 - 140
1,2,4-Trichlorobenzene	50.0	54.5		ug/Kg		109	48 - 145
1,1,1-Trichloroethane	50.0	51.7		ug/Kg		103	67 - 150
1,1,2-Trichloroethane	50.0	52.3		ug/Kg		105	80 - 128
Trichloroethene	50.0	51.1		ug/Kg		102	80 - 126
Trichlorofluoromethane	50.0	49.2		ug/Kg		98	43 - 158
1,2,3-Trichloropropane	50.0	53.5		ug/Kg		107	71 - 132
1,2,4-Trimethylbenzene	50.0	55.3		ug/Kg		111	64 - 137
1,3,5-Trimethylbenzene	50.0	55.9		ug/Kg		112	66 - 135
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	50.0		ug/Kg		100	62 - 138
Vinyl chloride	50.0	49.3		ug/Kg		99	67 - 127
m-Xylene & p-Xylene	50.0	52.9		ug/Kg		106	73 - 128

Eurofins TestAmerica, Sacramento

QC Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-80065-1

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

Lab Sample ID: LCS 320-533621/7

Matrix: Solid

Analysis Batch: 533621

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
o-Xylene	50.0	52.2		ug/Kg		104	76 - 127
Vinyl acetate	50.0	56.2		ug/Kg		112	39 - 160
Xylenes, Total	100	105		ug/Kg		105	75 - 122
Methyl tert-butyl ether	50.0	54.5		ug/Kg		109	66 - 146

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		63 - 143
1,2-Dichloroethane-d4 (Surr)	98		32 - 156
Toluene-d8 (Surr)	113		63 - 138
Dibromofluoromethane (Surr)	102		55 - 129

Lab Sample ID: LCSD 320-533621/8

Matrix: Solid

Analysis Batch: 533621

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
Acetone	125	129		ug/Kg		103	64 - 128	6	36
Benzene	50.0	49.9		ug/Kg		100	78 - 128	4	37
Bromobenzene	50.0	53.7		ug/Kg		107	67 - 132	1	40
Bromochloromethane	50.0	48.2		ug/Kg		96	80 - 127	4	36
Bromodichloromethane	50.0	49.4		ug/Kg		99	80 - 137	3	37
Bromoform	50.0	45.2		ug/Kg		90	80 - 136	8	45
Bromomethane	50.0	48.0		ug/Kg		96	48 - 164	2	38
2-Butanone (MEK)	125	105		ug/Kg		84	71 - 142	0	44
n-Butylbenzene	50.0	54.3		ug/Kg		109	68 - 136	0	37
sec-Butylbenzene	50.0	54.1		ug/Kg		108	68 - 131	2	40
tert-Butylbenzene	50.0	56.1		ug/Kg		112	67 - 131	1	42
Carbon tetrachloride	50.0	50.4		ug/Kg		101	62 - 154	3	43
Carbon disulfide	50.0	48.0		ug/Kg		96	52 - 145	1	46
Chlorobenzene	50.0	50.9		ug/Kg		102	74 - 125	2	38
Chloroethane	50.0	46.0		ug/Kg		92	54 - 148	3	34
Chloroform	50.0	49.3		ug/Kg		99	78 - 135	4	23
Chloromethane	50.0	45.6		ug/Kg		91	60 - 141	3	36
2-Chlorotoluene	50.0	54.6		ug/Kg		109	64 - 127	1	41
4-Chlorotoluene	50.0	54.6		ug/Kg		109	67 - 128	1	40
1,2-Dibromo-3-Chloropropane	50.0	46.2		ug/Kg		92	75 - 137	7	48
1,2-Dibromoethane (EDB)	50.0	49.3		ug/Kg		99	80 - 124	7	39
Dibromomethane	50.0	47.1		ug/Kg		94	80 - 129	6	37
1,2-Dichlorobenzene	50.0	51.6		ug/Kg		103	68 - 121	1	28
1,3-Dichlorobenzene	50.0	52.1		ug/Kg		104	64 - 126	1	41
1,4-Dichlorobenzene	50.0	52.6		ug/Kg		105	65 - 124	1	38
Dibromochloromethane	50.0	49.2		ug/Kg		98	80 - 133	3	24
Dichlorodifluoromethane	50.0	40.9		ug/Kg		82	60 - 130	0	46
1,1-Dichloroethane	50.0	49.8		ug/Kg		100	76 - 134	3	24
1,2-Dichloroethane	50.0	49.0		ug/Kg		98	66 - 150	5	36
cis-1,2-Dichloroethene	50.0	49.7		ug/Kg		99	74 - 131	2	37
trans-1,2-Dichloroethene	50.0	48.3		ug/Kg		97	67 - 135	2	37
1,1-Dichloroethene	50.0	48.0		ug/Kg		96	66 - 136	4	42

Eurofins TestAmerica, Sacramento

QC Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-80065-1

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

Lab Sample ID: LCSD 320-533621/8

Matrix: Solid

Analysis Batch: 533621

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2-Dichloropropane	50.0	49.7		ug/Kg		99	80 - 129	4	38
1,3-Dichloropropane	50.0	51.1		ug/Kg		102	80 - 123	4	39
2,2-Dichloropropane	50.0	48.0		ug/Kg		96	69 - 153	3	47
cis-1,3-Dichloropropene	50.0	51.0		ug/Kg		102	80 - 134	4	39
trans-1,3-Dichloropropene	50.0	50.8		ug/Kg		102	80 - 148	5	42
1,1-Dichloropropene	50.0	50.1		ug/Kg		100	76 - 132	4	38
Ethylbenzene	50.0	53.1		ug/Kg		106	72 - 125	0	41
Hexachlorobutadiene	50.0	54.2		ug/Kg		108	52 - 140	3	38
Isopropylbenzene	50.0	52.3		ug/Kg		105	69 - 137	1	41
p-Isopropyltoluene	50.0	54.8		ug/Kg		110	64 - 137	1	40
2-Hexanone	125	120		ug/Kg		96	78 - 143	1	73
Methylene Chloride	50.0	50.2		ug/Kg		100	77 - 125	1	25
Naphthalene	50.0	53.7		ug/Kg		107	53 - 140	6	46
N-Propylbenzene	50.0	55.3		ug/Kg		111	63 - 128	0	42
Styrene	50.0	52.0		ug/Kg		104	79 - 128	1	40
1,1,1,2-Tetrachloroethane	50.0	52.6		ug/Kg		105	77 - 134	2	25
4-Methyl-2-pentanone (MIBK)	125	118		ug/Kg		94	79 - 150	2	48
1,1,2,2-Tetrachloroethane	50.0	51.7		ug/Kg		103	71 - 134	8	31
Tetrachloroethene	50.0	51.0		ug/Kg		102	65 - 135	2	39
Toluene	50.0	52.2		ug/Kg		104	80 - 124	2	39
1,2,3-Trichlorobenzene	50.0	56.3		ug/Kg		113	54 - 140	1	42
1,2,4-Trichlorobenzene	50.0	55.8		ug/Kg		112	48 - 145	2	39
1,1,1-Trichloroethane	50.0	50.1		ug/Kg		100	67 - 150	3	43
1,1,2-Trichloroethane	50.0	50.6		ug/Kg		101	80 - 128	3	41
Trichloroethene	50.0	49.4		ug/Kg		99	80 - 126	3	40
Trichlorofluoromethane	50.0	47.2		ug/Kg		94	43 - 158	4	32
1,2,3-Trichloropropane	50.0	51.2		ug/Kg		102	71 - 132	4	41
1,2,4-Trimethylbenzene	50.0	56.0		ug/Kg		112	64 - 137	1	41
1,3,5-Trimethylbenzene	50.0	55.7		ug/Kg		111	66 - 135	0	42
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	48.2		ug/Kg		96	62 - 138	4	22
Vinyl chloride	50.0	48.2		ug/Kg		96	67 - 127	2	37
m-Xylene & p-Xylene	50.0	52.1		ug/Kg		104	73 - 128	1	40
o-Xylene	50.0	51.6		ug/Kg		103	76 - 127	1	40
Vinyl acetate	50.0	51.9		ug/Kg		104	39 - 160	8	50
Xylenes, Total	100	104		ug/Kg		104	75 - 122	1	15
Methyl tert-butyl ether	50.0	49.3		ug/Kg		99	66 - 146	10	45

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		63 - 143
1,2-Dichloroethane-d4 (Surr)	95		32 - 156
Toluene-d8 (Surr)	115		63 - 138
Dibromofluoromethane (Surr)	103		55 - 129

QC Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-80065-1

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

Lab Sample ID: MB 320-535248/11

Matrix: Water

Analysis Batch: 535248

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	ug/L			10/19/21 13:20	1
Benzene	ND		0.50	ug/L			10/19/21 13:20	1
Bromobenzene	ND		1.0	ug/L			10/19/21 13:20	1
Bromochloromethane	ND		1.0	ug/L			10/19/21 13:20	1
Bromodichloromethane	ND		0.50	ug/L			10/19/21 13:20	1
Bromoform	ND		1.0	ug/L			10/19/21 13:20	1
Bromomethane	ND		1.0	ug/L			10/19/21 13:20	1
2-Butanone (MEK)	ND		2.0	ug/L			10/19/21 13:20	1
n-Butylbenzene	ND		1.0	ug/L			10/19/21 13:20	1
sec-Butylbenzene	ND		1.0	ug/L			10/19/21 13:20	1
tert-Butylbenzene	ND		1.0	ug/L			10/19/21 13:20	1
Carbon tetrachloride	ND		0.50	ug/L			10/19/21 13:20	1
Carbon disulfide	ND		2.0	ug/L			10/19/21 13:20	1
Chlorobenzene	ND		0.50	ug/L			10/19/21 13:20	1
Chloroethane	ND		1.0	ug/L			10/19/21 13:20	1
Chloroform	ND		1.0	ug/L			10/19/21 13:20	1
Chloromethane	ND		1.0	ug/L			10/19/21 13:20	1
2-Chlorotoluene	ND		0.50	ug/L			10/19/21 13:20	1
4-Chlorotoluene	ND		0.50	ug/L			10/19/21 13:20	1
1,2-Dibromo-3-Chloropropane	ND		1.0	ug/L			10/19/21 13:20	1
1,2-Dibromoethane (EDB)	ND		0.50	ug/L			10/19/21 13:20	1
Dibromomethane	ND		0.50	ug/L			10/19/21 13:20	1
1,2-Dichlorobenzene	ND		0.50	ug/L			10/19/21 13:20	1
1,3-Dichlorobenzene	ND		0.50	ug/L			10/19/21 13:20	1
1,4-Dichlorobenzene	ND		0.50	ug/L			10/19/21 13:20	1
Dibromochloromethane	ND		0.50	ug/L			10/19/21 13:20	1
Dichlorodifluoromethane	ND		1.0	ug/L			10/19/21 13:20	1
1,1-Dichloroethane	ND		0.50	ug/L			10/19/21 13:20	1
1,2-Dichloroethane	ND		0.50	ug/L			10/19/21 13:20	1
cis-1,2-Dichloroethene	ND		0.50	ug/L			10/19/21 13:20	1
trans-1,2-Dichloroethene	ND		0.50	ug/L			10/19/21 13:20	1
1,1-Dichloroethene	ND		0.50	ug/L			10/19/21 13:20	1
1,2-Dichloropropane	ND		0.50	ug/L			10/19/21 13:20	1
1,3-Dichloropropane	ND		1.0	ug/L			10/19/21 13:20	1
2,2-Dichloropropane	ND		1.0	ug/L			10/19/21 13:20	1
cis-1,3-Dichloropropene	ND		0.50	ug/L			10/19/21 13:20	1
trans-1,3-Dichloropropene	ND		0.50	ug/L			10/19/21 13:20	1
1,1-Dichloropropene	ND		0.50	ug/L			10/19/21 13:20	1
Ethylbenzene	ND		0.50	ug/L			10/19/21 13:20	1
Hexachlorobutadiene	ND		1.0	ug/L			10/19/21 13:20	1
Isopropylbenzene	ND		0.50	ug/L			10/19/21 13:20	1
p-Isopropyltoluene	ND		1.0	ug/L			10/19/21 13:20	1
2-Hexanone	ND		2.0	ug/L			10/19/21 13:20	1
Methylene Chloride	ND		1.0	ug/L			10/19/21 13:20	1
Naphthalene	ND		1.0	ug/L			10/19/21 13:20	1
N-Propylbenzene	ND		1.0	ug/L			10/19/21 13:20	1
Styrene	ND		0.50	ug/L			10/19/21 13:20	1
1,1,1,2-Tetrachloroethane	ND		0.50	ug/L			10/19/21 13:20	1

Eurofins TestAmerica, Sacramento

QC Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-80065-1

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

Lab Sample ID: MB 320-535248/11

Matrix: Water

Analysis Batch: 535248

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methyl-2-pentanone (MIBK)	ND		2.0	ug/L			10/19/21 13:20	1
1,1,2,2-Tetrachloroethane	ND		0.50	ug/L			10/19/21 13:20	1
Tetrachloroethene	ND		0.50	ug/L			10/19/21 13:20	1
Toluene	ND		0.50	ug/L			10/19/21 13:20	1
1,2,3-Trichlorobenzene	ND		1.0	ug/L			10/19/21 13:20	1
1,2,4-Trichlorobenzene	ND		1.0	ug/L			10/19/21 13:20	1
1,1,1-Trichloroethane	ND		0.50	ug/L			10/19/21 13:20	1
1,1,2-Trichloroethane	ND		0.50	ug/L			10/19/21 13:20	1
Trichloroethene	ND		0.50	ug/L			10/19/21 13:20	1
Trichlorofluoromethane	ND		1.0	ug/L			10/19/21 13:20	1
1,2,3-Trichloropropane	ND		1.0	ug/L			10/19/21 13:20	1
1,2,4-Trimethylbenzene	ND		1.0	ug/L			10/19/21 13:20	1
1,3,5-Trimethylbenzene	ND		0.50	ug/L			10/19/21 13:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	ug/L			10/19/21 13:20	1
Vinyl chloride	ND		0.50	ug/L			10/19/21 13:20	1
m-Xylene & p-Xylene	ND		0.50	ug/L			10/19/21 13:20	1
o-Xylene	ND		0.50	ug/L			10/19/21 13:20	1
Vinyl acetate	ND		2.0	ug/L			10/19/21 13:20	1
Xylenes, Total	ND		0.50	ug/L			10/19/21 13:20	1
Methyl tert-butyl ether	ND		0.50	ug/L			10/19/21 13:20	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		74 - 120		10/19/21 13:20	1
1,2-Dichloroethane-d4 (Surr)	94		72 - 123		10/19/21 13:20	1
Toluene-d8 (Surr)	96		78 - 120		10/19/21 13:20	1
Dibromofluoromethane (Surr)	105		80 - 123		10/19/21 13:20	1

Lab Sample ID: LCS 320-535248/6

Matrix: Water

Analysis Batch: 535248

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	50.0	38.9		ug/L		78	55 - 145
Benzene	20.0	20.6		ug/L		103	79 - 120
Bromobenzene	20.0	20.7		ug/L		104	80 - 120
Bromochloromethane	20.0	21.1		ug/L		106	80 - 120
Bromodichloromethane	20.0	20.3		ug/L		102	80 - 124
Bromoform	20.0	22.8		ug/L		114	80 - 120
Bromomethane	20.0	25.2		ug/L		126	65 - 132
2-Butanone (MEK)	50.0	49.1		ug/L		98	66 - 129
n-Butylbenzene	20.0	18.3		ug/L		92	72 - 120
sec-Butylbenzene	20.0	19.6		ug/L		98	77 - 120
tert-Butylbenzene	20.0	19.9		ug/L		99	78 - 120
Carbon tetrachloride	20.0	23.1		ug/L		116	78 - 124
Carbon disulfide	20.0	21.9		ug/L		109	65 - 121
Chlorobenzene	20.0	20.2		ug/L		101	78 - 120
Chloroethane	20.0	23.7		ug/L		118	65 - 123
Chloroform	20.0	20.6		ug/L		103	80 - 120

Eurofins TestAmerica, Sacramento

QC Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-80065-1

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

Lab Sample ID: LCS 320-535248/6

Matrix: Water

Analysis Batch: 535248

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloromethane	20.0	22.8		ug/L		114	62 - 129
2-Chlorotoluene	20.0	20.0		ug/L		100	79 - 120
4-Chlorotoluene	20.0	20.3		ug/L		101	80 - 121
1,2-Dibromo-3-Chloropropane	20.0	17.8		ug/L		89	66 - 121
1,2-Dibromoethane (EDB)	20.0	20.1		ug/L		101	78 - 120
Dibromomethane	20.0	20.2		ug/L		101	80 - 121
1,2-Dichlorobenzene	20.0	19.6		ug/L		98	77 - 120
1,3-Dichlorobenzene	20.0	20.1		ug/L		100	78 - 120
1,4-Dichlorobenzene	20.0	20.3		ug/L		101	74 - 120
Dibromochloromethane	20.0	22.2		ug/L		111	80 - 122
Dichlorodifluoromethane	20.0	21.0		ug/L		105	39 - 161
1,1-Dichloroethane	20.0	20.7		ug/L		104	79 - 120
1,2-Dichloroethane	20.0	19.8		ug/L		99	77 - 128
cis-1,2-Dichloroethene	20.0	21.1		ug/L		106	78 - 120
trans-1,2-Dichloroethene	20.0	21.5		ug/L		107	76 - 120
1,1-Dichloroethene	20.0	21.9		ug/L		110	74 - 120
1,2-Dichloropropane	20.0	20.5		ug/L		103	75 - 125
1,3-Dichloropropane	20.0	19.6		ug/L		98	79 - 120
2,2-Dichloropropane	20.0	21.7		ug/L		109	75 - 127
cis-1,3-Dichloropropene	20.0	20.3		ug/L		101	80 - 131
trans-1,3-Dichloropropene	20.0	21.3		ug/L		106	75 - 133
1,1-Dichloropropene	20.0	20.3		ug/L		102	77 - 120
Ethylbenzene	20.0	19.9		ug/L		100	80 - 120
Hexachlorobutadiene	20.0	18.2		ug/L		91	69 - 120
Isopropylbenzene	20.0	19.3		ug/L		96	80 - 121
p-Isopropyltoluene	20.0	19.8		ug/L		99	76 - 120
2-Hexanone	50.0	60.8		ug/L		122	54 - 128
Methylene Chloride	20.0	20.5		ug/L		102	77 - 120
Naphthalene	20.0	17.1		ug/L		85	56 - 143
N-Propylbenzene	20.0	19.8		ug/L		99	76 - 120
Styrene	20.0	21.4		ug/L		107	80 - 120
1,1,1,2-Tetrachloroethane	20.0	21.2		ug/L		106	79 - 120
4-Methyl-2-pentanone (MIBK)	50.0	59.8		ug/L		120	64 - 128
1,1,2,2-Tetrachloroethane	20.0	19.6		ug/L		98	74 - 137
Tetrachloroethene	20.0	20.9		ug/L		104	74 - 120
Toluene	20.0	20.0		ug/L		100	79 - 126
1,2,3-Trichlorobenzene	20.0	16.6		ug/L		83	47 - 162
1,2,4-Trichlorobenzene	20.0	17.3		ug/L		86	61 - 130
1,1,1-Trichloroethane	20.0	21.3		ug/L		106	79 - 121
1,1,2-Trichloroethane	20.0	19.9		ug/L		100	79 - 127
Trichloroethene	20.0	21.3		ug/L		106	74 - 120
Trichlorofluoromethane	20.0	21.1		ug/L		105	60 - 135
1,2,3-Trichloropropane	20.0	19.7		ug/L		98	73 - 120
1,2,4-Trimethylbenzene	20.0	19.6		ug/L		98	76 - 120
1,3,5-Trimethylbenzene	20.0	19.9		ug/L		99	79 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	22.5		ug/L		112	64 - 125
Vinyl chloride	20.0	22.4		ug/L		112	68 - 121
m-Xylene & p-Xylene	20.0	19.6		ug/L		98	80 - 121

Eurofins TestAmerica, Sacramento

QC Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-80065-1

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

Lab Sample ID: LCS 320-535248/6

Matrix: Water

Analysis Batch: 535248

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
o-Xylene	20.0	19.4		ug/L		97	80 - 124
Vinyl acetate	20.0	20.4		ug/L		102	64 - 136
Xylenes, Total	40.0	39.0		ug/L		98	80 - 123
Methyl tert-butyl ether	20.0	20.1		ug/L		101	71 - 125

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	93		74 - 120
1,2-Dichloroethane-d4 (Surr)	90		72 - 123
Toluene-d8 (Surr)	98		78 - 120
Dibromofluoromethane (Surr)	101		80 - 123

Lab Sample ID: LCSD 320-535248/7

Matrix: Water

Analysis Batch: 535248

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
Acetone	50.0	41.1		ug/L		82	55 - 145	6	49
Benzene	20.0	19.8		ug/L		99	79 - 120	4	21
Bromobenzene	20.0	19.8		ug/L		99	80 - 120	5	17
Bromochloromethane	20.0	20.7		ug/L		103	80 - 120	2	19
Bromodichloromethane	20.0	19.7		ug/L		99	80 - 124	3	20
Bromoform	20.0	22.5		ug/L		113	80 - 120	1	16
Bromomethane	20.0	23.3		ug/L		117	65 - 132	8	40
2-Butanone (MEK)	50.0	47.6		ug/L		95	66 - 129	3	34
n-Butylbenzene	20.0	17.6		ug/L		88	72 - 120	4	25
sec-Butylbenzene	20.0	18.5		ug/L		93	77 - 120	6	19
tert-Butylbenzene	20.0	19.0		ug/L		95	78 - 120	5	19
Carbon tetrachloride	20.0	22.4		ug/L		112	78 - 124	3	25
Carbon disulfide	20.0	20.9		ug/L		105	65 - 121	4	26
Chlorobenzene	20.0	19.4		ug/L		97	78 - 120	4	15
Chloroethane	20.0	22.4		ug/L		112	65 - 123	6	40
Chloroform	20.0	20.2		ug/L		101	80 - 120	2	22
Chloromethane	20.0	21.9		ug/L		110	62 - 129	4	25
2-Chlorotoluene	20.0	19.1		ug/L		95	79 - 120	5	19
4-Chlorotoluene	20.0	19.2		ug/L		96	80 - 121	5	19
1,2-Dibromo-3-Chloropropane	20.0	18.3		ug/L		91	66 - 121	2	33
1,2-Dibromoethane (EDB)	20.0	19.9		ug/L		100	78 - 120	1	15
Dibromomethane	20.0	19.7		ug/L		99	80 - 121	2	17
1,2-Dichlorobenzene	20.0	18.8		ug/L		94	77 - 120	4	19
1,3-Dichlorobenzene	20.0	19.4		ug/L		97	78 - 120	4	17
1,4-Dichlorobenzene	20.0	19.2		ug/L		96	74 - 120	5	15
Dibromochloromethane	20.0	21.9		ug/L		109	80 - 122	1	17
Dichlorodifluoromethane	20.0	20.3		ug/L		102	39 - 161	3	51
1,1-Dichloroethane	20.0	20.1		ug/L		100	79 - 120	3	21
1,2-Dichloroethane	20.0	19.4		ug/L		97	77 - 128	2	25
cis-1,2-Dichloroethene	20.0	20.9		ug/L		105	78 - 120	1	18
trans-1,2-Dichloroethene	20.0	20.8		ug/L		104	76 - 120	3	20
1,1-Dichloroethene	20.0	21.2		ug/L		106	74 - 120	3	22

Eurofins TestAmerica, Sacramento

QC Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-80065-1

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

Lab Sample ID: LCSD 320-535248/7

Matrix: Water

Analysis Batch: 535248

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2-Dichloropropane	20.0	19.3		ug/L		97	75 - 125	6	27
1,3-Dichloropropane	20.0	19.0		ug/L		95	79 - 120	3	15
2,2-Dichloropropane	20.0	20.7		ug/L		104	75 - 127	5	25
cis-1,3-Dichloropropene	20.0	19.2		ug/L		96	80 - 131	5	24
trans-1,3-Dichloropropene	20.0	20.0		ug/L		100	75 - 133	6	29
1,1-Dichloropropene	20.0	19.5		ug/L		97	77 - 120	4	20
Ethylbenzene	20.0	19.3		ug/L		97	80 - 120	3	15
Hexachlorobutadiene	20.0	17.9		ug/L		90	69 - 120	2	30
Isopropylbenzene	20.0	19.1		ug/L		96	80 - 121	1	17
p-Isopropyltoluene	20.0	18.9		ug/L		94	76 - 120	5	18
2-Hexanone	50.0	54.2		ug/L		108	54 - 128	12	31
Methylene Chloride	20.0	20.2		ug/L		101	77 - 120	2	20
Naphthalene	20.0	17.1		ug/L		85	56 - 143	0	48
N-Propylbenzene	20.0	18.7		ug/L		93	76 - 120	6	26
Styrene	20.0	20.6		ug/L		103	80 - 120	4	15
1,1,1,2-Tetrachloroethane	20.0	21.7		ug/L		109	79 - 120	2	23
4-Methyl-2-pentanone (MIBK)	50.0	55.9		ug/L		112	64 - 128	7	33
1,1,2,2-Tetrachloroethane	20.0	19.0		ug/L		95	74 - 137	3	27
Tetrachloroethene	20.0	20.2		ug/L		101	74 - 120	3	18
Toluene	20.0	19.1		ug/L		95	79 - 126	5	20
1,2,3-Trichlorobenzene	20.0	16.3		ug/L		82	47 - 162	2	45
1,2,4-Trichlorobenzene	20.0	16.6		ug/L		83	61 - 130	4	40
1,1,1-Trichloroethane	20.0	20.5		ug/L		103	79 - 121	4	25
1,1,2-Trichloroethane	20.0	18.7		ug/L		94	79 - 127	6	30
Trichloroethene	20.0	20.4		ug/L		102	74 - 120	4	20
Trichlorofluoromethane	20.0	20.1		ug/L		100	60 - 135	5	41
1,2,3-Trichloropropane	20.0	19.3		ug/L		96	73 - 120	2	22
1,2,4-Trimethylbenzene	20.0	19.0		ug/L		95	76 - 120	3	17
1,3,5-Trimethylbenzene	20.0	19.0		ug/L		95	79 - 120	5	20
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	21.6		ug/L		108	64 - 125	4	40
Vinyl chloride	20.0	21.5		ug/L		107	68 - 121	4	33
m-Xylene & p-Xylene	20.0	18.9		ug/L		95	80 - 121	4	15
o-Xylene	20.0	19.2		ug/L		96	80 - 124	1	18
Vinyl acetate	20.0	19.6		ug/L		98	64 - 136	4	30
Xylenes, Total	40.0	38.1		ug/L		95	80 - 123	2	16
Methyl tert-butyl ether	20.0	19.8		ug/L		99	71 - 125	1	24

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	95		74 - 120
1,2-Dichloroethane-d4 (Surr)	93		72 - 123
Toluene-d8 (Surr)	98		78 - 120
Dibromofluoromethane (Surr)	106		80 - 123

QC Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-80065-1

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

Lab Sample ID: MB 320-535600/29

Matrix: Water

Analysis Batch: 535600

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		0.50	ug/L			10/20/21 12:29	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		74 - 120				10/20/21 12:29	1
1,2-Dichloroethane-d4 (Surr)	112		72 - 123				10/20/21 12:29	1
Toluene-d8 (Surr)	96		78 - 120				10/20/21 12:29	1
Dibromofluoromethane (Surr)	104		80 - 123				10/20/21 12:29	1

Lab Sample ID: LCS 320-535600/3

Matrix: Water

Analysis Batch: 535600

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
cis-1,2-Dichloroethene	20.0	19.2		ug/L		96	78 - 120
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	109		74 - 120				
1,2-Dichloroethane-d4 (Surr)	109		72 - 123				
Toluene-d8 (Surr)	101		78 - 120				
Dibromofluoromethane (Surr)	106		80 - 123				

Lab Sample ID: LCSD 320-535600/4

Matrix: Water

Analysis Batch: 535600

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
cis-1,2-Dichloroethene	20.0	19.6		ug/L		98	78 - 120	2	18
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
4-Bromofluorobenzene (Surr)	108		74 - 120						
1,2-Dichloroethane-d4 (Surr)	110		72 - 123						
Toluene-d8 (Surr)	101		78 - 120						
Dibromofluoromethane (Surr)	105		80 - 123						

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 320-533620/10

Matrix: Solid

Analysis Batch: 533620

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C4-C12	ND		0.50	mg/Kg			10/13/21 16:07	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 131				10/13/21 16:07	1

Eurofins TestAmerica, Sacramento

QC Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-80065-1

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

Lab Sample ID: LCS 320-533620/5

Matrix: Solid

Analysis Batch: 533620

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)-C4-C12			1.00	0.895		mg/Kg		89	79 - 123		
Surrogate		LCS %Recovery	LCS Qualifier	Limits							
4-Bromofluorobenzene (Surr)		109		70 - 131							

Lab Sample ID: LCSD 320-533620/6

Matrix: Solid

Analysis Batch: 533620

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analysis Data: 080610											
Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C4-C12			1.00	0.904		mg/Kg	-	90	79 - 123	1	30
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	108		70 - 131								

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

Lab Sample ID: MB 320-533457/1-A

Matrix: Solid

Analysis Batch: 533970

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 533457

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Diesel Range Organics [C10-C28]	ND		1.0	mg/Kg		10/13/21 09:35	10/14/21 15:27	1
Motor Oil Range Organics [C28-C40]	ND		5.0	mg/Kg		10/13/21 09:35	10/14/21 15:27	1
Surrogate	MB	MB	Limits			Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier						
o-Terphenyl (Surr)	60		51 - 111			10/13/21 09:35	10/14/21 15:27	1

Lab Sample ID: LCS 320-533457/2-A

Matrix: Solid

Analysis Batch: 533970

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 533457

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Diesel Range Organics [C10-C28]			10.0	7.89		mg/Kg		79	57 - 132		
Surrogate	LCS %Recovery	LCS Qualifier	Limits								
o-Terphenyl (Surr)	63		51 - 111								

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 320-533587/1-A

Matrix: Solid

Analysis Batch: 534518

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 533587

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.50	mg/Kg		10/14/21 15:01	10/15/21 13:56	1

Eurofins TestAmerica, Sacramento

QC Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-80065-1

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

Lab Sample ID: MB 320-533587/1-A

Matrix: Solid

Analysis Batch: 534518

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 533587

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		2.0	mg/Kg		10/14/21 15:01	10/15/21 13:56	1
Barium	ND		1.0	mg/Kg		10/14/21 15:01	10/15/21 13:56	1
Beryllium	ND		0.20	mg/Kg		10/14/21 15:01	10/15/21 13:56	1
Cadmium	ND		0.20	mg/Kg		10/14/21 15:01	10/15/21 13:56	1
Cobalt	ND		0.50	mg/Kg		10/14/21 15:01	10/15/21 13:56	1
Chromium	ND		0.50	mg/Kg		10/14/21 15:01	10/15/21 13:56	1
Copper	ND		1.5	mg/Kg		10/14/21 15:01	10/15/21 13:56	1
Molybdenum	ND		2.0	mg/Kg		10/14/21 15:01	10/15/21 13:56	1
Nickel	ND		1.0	mg/Kg		10/14/21 15:01	10/15/21 13:56	1
Lead	ND		1.0	mg/Kg		10/14/21 15:01	10/15/21 13:56	1
Selenium	ND		2.0	mg/Kg		10/14/21 15:01	10/15/21 13:56	1
Antimony	ND		2.0	mg/Kg		10/14/21 15:01	10/15/21 13:56	1
Thallium	ND		2.0	mg/Kg		10/14/21 15:01	10/15/21 13:56	1
Vanadium	ND		0.50	mg/Kg		10/14/21 15:01	10/15/21 13:56	1
Zinc	ND		2.0	mg/Kg		10/14/21 15:01	10/15/21 13:56	1

Lab Sample ID: LCS 320-533587/2-A

Matrix: Solid

Analysis Batch: 534518

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 533587

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Silver	5.05	4.34		mg/Kg		86	80 - 120
Arsenic	50.0	42.9		mg/Kg		86	80 - 120
Barium	50.0	45.0		mg/Kg		90	80 - 120
Beryllium	25.0	22.6		mg/Kg		90	80 - 120
Cadmium	25.0	22.4		mg/Kg		90	80 - 120
Cobalt	25.0	22.7		mg/Kg		91	80 - 120
Chromium	25.0	22.5		mg/Kg		90	80 - 120
Copper	25.0	22.5		mg/Kg		90	80 - 120
Molybdenum	25.0	22.4		mg/Kg		90	80 - 120
Nickel	25.0	22.5		mg/Kg		90	80 - 120
Lead	25.0	22.5		mg/Kg		90	80 - 120
Selenium	50.0	42.2		mg/Kg		84	80 - 120
Antimony	50.0	42.5		mg/Kg		85	80 - 120
Thallium	50.0	45.2		mg/Kg		90	80 - 120
Vanadium	25.0	22.3		mg/Kg		89	80 - 120
Zinc	49.9	44.5		mg/Kg		89	80 - 120

Method: 7471A - Mercury (CVAA)

Lab Sample ID: MB 320-533428/11-A

Matrix: Solid

Analysis Batch: 534444

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 533428

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.040	mg/Kg		10/14/21 16:50	10/15/21 10:05	1

Eurofins TestAmerica, Sacramento

QC Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-80065-1

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

Lab Sample ID: LCS 320-533428/12-A

Matrix: Solid

Analysis Batch: 534444

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 533428

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.167	0.174		mg/Kg		104	86 - 114

Lab Sample ID: LCSD 320-533428/13-A

Matrix: Solid

Analysis Batch: 534444

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 533428

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.167	0.170		mg/Kg		102	86 - 114	3	17

QC Association Summary

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-80065-1

GC/MS VOA

Prep Batch: 532932

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-80065-1	HA-160-5-S-9	Total/NA	Solid	5035	
320-80065-2	HA-160-5-S-7.5	Total/NA	Solid	5035	
320-80065-4	HA-160-6-S-9	Total/NA	Solid	5035	

Analysis Batch: 533620

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-80065-1	HA-160-5-S-9	Total/NA	Solid	8260B/CA_LUFT MS	532932
320-80065-2	HA-160-5-S-7.5	Total/NA	Solid	8260B/CA_LUFT MS	532932
320-80065-4	HA-160-6-S-9	Total/NA	Solid	8260B/CA_LUFT MS	532932
MB 320-533620/10	Method Blank	Total/NA	Solid	8260B/CA_LUFT MS	
LCS 320-533620/5	Lab Control Sample	Total/NA	Solid	8260B/CA_LUFT MS	
LCSD 320-533620/6	Lab Control Sample Dup	Total/NA	Solid	8260B/CA_LUFT MS	

Analysis Batch: 533621

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-80065-1	HA-160-5-S-9	Total/NA	Solid	8260B	532932
320-80065-2	HA-160-5-S-7.5	Total/NA	Solid	8260B	532932
320-80065-4	HA-160-6-S-9	Total/NA	Solid	8260B	532932
MB 320-533621/10	Method Blank	Total/NA	Solid	8260B	
LCS 320-533621/7	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 320-533621/8	Lab Control Sample Dup	Total/NA	Solid	8260B	

Analysis Batch: 535248

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-80065-3	HA-160-5-W	Total/NA	Water	8260B	
320-80065-5	HA-160-6-W	Total/NA	Water	8260B	
320-80065-6	HA-145-1-W	Total/NA	Water	8260B	
320-80065-7	HA-145-2-W	Total/NA	Water	8260B	
320-80065-8	HA-145-3-W	Total/NA	Water	8260B	
MB 320-535248/11	Method Blank	Total/NA	Water	8260B	
LCS 320-535248/6	Lab Control Sample	Total/NA	Water	8260B	
LCSD 320-535248/7	Lab Control Sample Dup	Total/NA	Water	8260B	

Analysis Batch: 535600

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-80065-3 - DL	HA-160-5-W	Total/NA	Water	8260B	
MB 320-535600/29	Method Blank	Total/NA	Water	8260B	
LCS 320-535600/3	Lab Control Sample	Total/NA	Water	8260B	
LCSD 320-535600/4	Lab Control Sample Dup	Total/NA	Water	8260B	

GC Semi VOA

Prep Batch: 533457

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-80065-1	HA-160-5-S-9	Total/NA	Solid	3550B	
320-80065-2	HA-160-5-S-7.5	Total/NA	Solid	3550B	
320-80065-4	HA-160-6-S-9	Total/NA	Solid	3550B	

Eurofins TestAmerica, Sacramento

QC Association Summary

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-80065-1

GC Semi VOA (Continued)

Prep Batch: 533457 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 320-533457/1-A	Method Blank	Total/NA	Solid	3550B	
LCS 320-533457/2-A	Lab Control Sample	Total/NA	Solid	3550B	

Analysis Batch: 533970

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-80065-1	HA-160-5-S-9	Total/NA	Solid	8015B	533457
320-80065-2	HA-160-5-S-7.5	Total/NA	Solid	8015B	533457
320-80065-4	HA-160-6-S-9	Total/NA	Solid	8015B	533457
MB 320-533457/1-A	Method Blank	Total/NA	Solid	8015B	533457
LCS 320-533457/2-A	Lab Control Sample	Total/NA	Solid	8015B	533457

Metals

Prep Batch: 533428

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-80065-1	HA-160-5-S-9	Total/NA	Solid	7471A	
320-80065-2	HA-160-5-S-7.5	Total/NA	Solid	7471A	
320-80065-4	HA-160-6-S-9	Total/NA	Solid	7471A	
MB 320-533428/11-A	Method Blank	Total/NA	Solid	7471A	
LCS 320-533428/12-A	Lab Control Sample	Total/NA	Solid	7471A	
LCSD 320-533428/13-A	Lab Control Sample Dup	Total/NA	Solid	7471A	

Prep Batch: 533587

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-80065-1	HA-160-5-S-9	Total/NA	Solid	3050B	
320-80065-2	HA-160-5-S-7.5	Total/NA	Solid	3050B	
320-80065-4	HA-160-6-S-9	Total/NA	Solid	3050B	
MB 320-533587/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 320-533587/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Analysis Batch: 534444

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-80065-1	HA-160-5-S-9	Total/NA	Solid	7471A	533428
320-80065-2	HA-160-5-S-7.5	Total/NA	Solid	7471A	533428
320-80065-4	HA-160-6-S-9	Total/NA	Solid	7471A	533428
MB 320-533428/11-A	Method Blank	Total/NA	Solid	7471A	533428
LCS 320-533428/12-A	Lab Control Sample	Total/NA	Solid	7471A	533428
LCSD 320-533428/13-A	Lab Control Sample Dup	Total/NA	Solid	7471A	533428

Analysis Batch: 534518

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-80065-1	HA-160-5-S-9	Total/NA	Solid	6010B	533587
320-80065-2	HA-160-5-S-7.5	Total/NA	Solid	6010B	533587
320-80065-4	HA-160-6-S-9	Total/NA	Solid	6010B	533587
MB 320-533587/1-A	Method Blank	Total/NA	Solid	6010B	533587
LCS 320-533587/2-A	Lab Control Sample	Total/NA	Solid	6010B	533587

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-80065-1

Client Sample ID: HA-160-5-S-9

Lab Sample ID: 320-80065-1

Date Collected: 10/07/21 09:40

Matrix: Solid

Date Received: 10/08/21 11:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.409 g	5 mL	532932	10/08/21 20:14	EFB	TAL SAC
Total/NA	Analysis	8260B		1	5 mL	5 mL	533621	10/13/21 17:58	AZ1	TAL SAC
Total/NA	Prep	5035			5.409 g	5 mL	532932	10/08/21 20:14	EFB	TAL SAC
Total/NA	Analysis	8260B/CA_LUFTM S		1	5 mL	5 mL	533620	10/13/21 17:58	AZ1	TAL SAC
Total/NA	Prep	3550B			30.53 g	3 mL	533457	10/13/21 09:35	PT	TAL SAC
Total/NA	Analysis	8015B		1			533970	10/14/21 17:22	K1D	TAL SAC
Total/NA	Prep	3050B			1.02 g	100 mL	533587	10/14/21 15:01	JP	TAL SAC
Total/NA	Analysis	6010B		1			534518	10/15/21 14:45	SP	TAL SAC
Total/NA	Prep	7471A			0.62 g	50 mL	533428	10/14/21 16:50	NIM	TAL SAC
Total/NA	Analysis	7471A		1			534444	10/15/21 11:06	CF	TAL SAC

Client Sample ID: HA-160-5-S-7.5

Lab Sample ID: 320-80065-2

Date Collected: 10/07/21 09:50

Matrix: Solid

Date Received: 10/08/21 11:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.781 g	5 mL	532932	10/08/21 20:14	EFB	TAL SAC
Total/NA	Analysis	8260B		1	5 mL	5 mL	533621	10/13/21 18:21	AZ1	TAL SAC
Total/NA	Prep	5035			5.781 g	5 mL	532932	10/08/21 20:14	EFB	TAL SAC
Total/NA	Analysis	8260B/CA_LUFTM S		1	5 mL	5 mL	533620	10/13/21 18:21	AZ1	TAL SAC
Total/NA	Prep	3550B			30.10 g	3 mL	533457	10/13/21 09:35	PT	TAL SAC
Total/NA	Analysis	8015B		1			533970	10/14/21 17:50	K1D	TAL SAC
Total/NA	Prep	3050B			1.05 g	100 mL	533587	10/14/21 15:01	JP	TAL SAC
Total/NA	Analysis	6010B		1			534518	10/15/21 14:49	SP	TAL SAC
Total/NA	Prep	7471A			0.60 g	50 mL	533428	10/14/21 16:50	NIM	TAL SAC
Total/NA	Analysis	7471A		1			534444	10/15/21 11:12	CF	TAL SAC

Client Sample ID: HA-160-5-W

Lab Sample ID: 320-80065-3

Date Collected: 10/07/21 09:15

Matrix: Water

Date Received: 10/08/21 11:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B	DL	5	50 mL	50 mL	535600	10/20/21 14:31	EMJ	TAL SAC
Total/NA	Analysis	8260B		1	50 mL	50 mL	535248	10/19/21 16:47	EMJ	TAL SAC

Client Sample ID: HA-160-6-S-9

Lab Sample ID: 320-80065-4

Date Collected: 10/07/21 10:00

Matrix: Solid

Date Received: 10/08/21 11:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.704 g	5 mL	532932	10/08/21 20:14	EFB	TAL SAC
Total/NA	Analysis	8260B		1	5 mL	5 mL	533621	10/13/21 18:43	AZ1	TAL SAC

Eurofins TestAmerica, Sacramento

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-80065-1

Client Sample ID: HA-160-6-S-9

Lab Sample ID: 320-80065-4

Date Collected: 10/07/21 10:00

Matrix: Solid

Date Received: 10/08/21 11:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.704 g	5 mL	532932	10/08/21 20:14	EFB	TAL SAC
Total/NA	Analysis	8260B/CA_LUFTV S		1	5 mL	5 mL	533620	10/13/21 18:43	AZ1	TAL SAC
Total/NA	Prep	3550B			30.97 g	3 mL	533457	10/13/21 09:35	PT	TAL SAC
Total/NA	Analysis	8015B		1			533970	10/14/21 18:19	K1D	TAL SAC
Total/NA	Prep	3050B			1.05 g	100 mL	533587	10/14/21 15:01	JP	TAL SAC
Total/NA	Analysis	6010B		1			534518	10/15/21 14:53	SP	TAL SAC
Total/NA	Prep	7471A			0.56 g	50 mL	533428	10/14/21 16:50	NIM	TAL SAC
Total/NA	Analysis	7471A		1			534444	10/15/21 11:14	CF	TAL SAC

Client Sample ID: HA-160-6-W

Lab Sample ID: 320-80065-5

Date Collected: 10/07/21 09:30

Matrix: Water

Date Received: 10/08/21 11:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	50 mL	50 mL	535248	10/19/21 17:10	EMJ	TAL SAC

Client Sample ID: HA-145-1-W

Lab Sample ID: 320-80065-6

Date Collected: 10/07/21 11:00

Matrix: Water

Date Received: 10/08/21 11:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	50 mL	50 mL	535248	10/19/21 17:32	EMJ	TAL SAC

Client Sample ID: HA-145-2-W

Lab Sample ID: 320-80065-7

Date Collected: 10/07/21 10:45

Matrix: Water

Date Received: 10/08/21 11:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		5	50 mL	50 mL	535248	10/19/21 19:04	EMJ	TAL SAC

Client Sample ID: HA-145-3-W

Lab Sample ID: 320-80065-8

Date Collected: 10/07/21 11:30

Matrix: Water

Date Received: 10/08/21 11:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		5	50 mL	50 mL	535248	10/19/21 19:27	EMJ	TAL SAC

Laboratory References:

TAL SAC = Eurofins TestAmerica, Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Eurofins TestAmerica, Sacramento

Accreditation/Certification Summary

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-80065-1

Laboratory: Eurofins TestAmerica, Sacramento

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

Authority	Program	Identification Number	Expiration Date
California	State	2897	01-31-22

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015B	3550B	Solid	Motor Oil Range Organics [C28-C40]

Method Summary

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-80065-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL SAC
8260B/CA_LUFTMS	Volatile Organic Compounds by GC/MS	SW846	TAL SAC
8015B	Diesel Range Organics (DRO) (GC)	SW846	TAL SAC
6010B	Metals (ICP)	SW846	TAL SAC
7471A	Mercury (CVAA)	SW846	TAL SAC
3050B	Preparation, Metals	SW846	TAL SAC
3550B	Ultrasonic Extraction	SW846	TAL SAC
5030B	Purge and Trap	SW846	TAL SAC
5035	Closed System Purge and Trap	SW846	TAL SAC
7471A	Preparation, Mercury	SW846	TAL SAC

Protocol References:

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

Laboratory References:

TAL SAC = Eurofins TestAmerica, Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Sample Summary

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-80065-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
320-80065-1	HA-160-5-S-9	Solid	10/07/21 09:40	10/08/21 11:13
320-80065-2	HA-160-5-S-7.5	Solid	10/07/21 09:50	10/08/21 11:13
320-80065-3	HA-160-5-W	Water	10/07/21 09:15	10/08/21 11:13
320-80065-4	HA-160-6-S-9	Solid	10/07/21 10:00	10/08/21 11:13
320-80065-5	HA-160-6-W	Water	10/07/21 09:30	10/08/21 11:13
320-80065-6	HA-145-1-W	Water	10/07/21 11:00	10/08/21 11:13
320-80065-7	HA-145-2-W	Water	10/07/21 10:45	10/08/21 11:13
320-80065-8	HA-145-3-W	Water	10/07/21 11:30	10/08/21 11:13

West Sacramento, CA 95605-1500
phone 916.373.5600 fax 303.487.7248

TestAmerica's services under this CoC shall be performed in accordance with the T&Cs within Blanket Service Agreement #2019-22-TestAmerica by and between Haley & Aldrich, Inc. its subsidiaries and affiliates, and TestAmerica Laboratories Inc.

Regulatory Program.

☐ DW ☐ NPDES ☐ RCRA ☐ Other

TestAmerica Laboratories, Inc.

Client Contact		H&A Project Manager: J. Grant		H&A Site Contact: A. Caveney		Date 10/7/2021		COC No: 1 of 1 COCs	
Haley & Aldrich J. Grant		Tel/Fax: 925-949-4412		Lab Contact: L. Heathcote		Carrier		Sampler A. Caveney	
Address: 2033 North Main Street Suite 309		City/State/Zip: Walnut Creek, CA 94596		Analysis Turnaround Time		For Lab Use Only		Walk-in Client:	
Phone: (925) 949-1012		☐ CALENDAR DAYS ☐ WORKING DAYS		TAT if different from Below: 5-DAY TAT		Lab Sampling:		Job / SDG No.	
FAX: (925) 979-1456		☐ 2 weeks		☐ 1 week		VOCs and TPH-g Method 8260		Sample Specific Notes:	
H&A Project Number 0203394-000-001 SSF TCC		☐ 2 days		☐ 1 day		TPH-d and TPH-mo using Method 8015			
Site: 145/160 Sylvester Rd South San Francisco, CA 94080		☐ TAT if different from Below: 5-DAY TAT				Preserved using Method 5035			
H&A P O #						Perform MS/MSD (Y/N)			
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Gab)	Matrix	# of Cont.	Filtered Sample (Y/N)		
HA-160-5-S-9	10/7/21	0940	G	SL	4				
HA-160-5-S-7.5	10/7/21	0950	G	SL	4				
HA-160-5-W	10/7/21	0915	G	WT	3				
HA-160-6-S-9	10/7/21	1000	G	SL	4				
HA-160-6-W	10/7/21	0930	G	WT	3				
HA-145-1-W	10/7/2021	1100	G	WT	3				
HA-145-2-W	10/7/2021	1045	G	WT	3				
HA-145-3-W	10/7/2021	1130	G	WT	3				
 320-80065 Chain of Custody									
Preservation Used 1= Ice, 2= HCl, 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other Possible Hazard Identification. Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.									
Special Instructions/OC Requirements & Comments. Send results to: jgrant@haleyaldrich.com bmelin@haleyaldrich.com acaveney@haleyaldrich.com Relinquished by: <i>[Signature]</i> Date/Time: 10/7/21 18:44 Relinquished by: <i>[Signature]</i> Date/Time: 10/7/21 18:44 Relinquished by: <i>[Signature]</i> Date/Time: 10/7/21 18:44									
Custody Seal No. <i>[Signature]</i> Company H&A Relinquished by: <i>[Signature]</i> Date/Time: 10/7/21 18:44 Relinquished by: <i>[Signature]</i> Date/Time: 10/7/21 18:44 Relinquished by: <i>[Signature]</i> Date/Time: 10/7/21 18:44									
Cooler Temp. (°C): Obs'd: _____ Therm ID No.: _____ Date/Time: 10-8-21 1113 Date/Time: _____ Date/Time: _____									



Chain of Custody Record

Client Information (Sub Contract Lab)			Lab PM:	Carrier Tracking No(s)	COC No:									
Client Contact:			Heathcote, Lee Ann		320-244605-1									
Shipping/Receiving			E-Mail:	State of Origin:	Page:									
Company:			LeeAnn.Heathcote@Eurofinset.com	California	Page 1 of 1									
TestAmerica Laboratories, Inc.			Accreditations Required (See note)											
Address:			State - California											
City:			Accreditations Required (See note)											
State, Zip:			State - California											
Phone:			320-80065-1											
Email:			320-80065-1											
Project Name:			320-80065-1											
SSF TCC			320-80065-1											
Site:			320-80065-1											
Due Date Requested:			10/14/2021											
TAT Requested (days):														
PO #:														
WO #:														
Project #:			32018807											
SSOW#:														
Sample Identification - Client ID (Lab ID)			Analysis Requested											
Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=oil)	Preservation Code:	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B/5035A_FW_7_Calc VOCs, Standard List	8260B/5035A_FW_7_Calc GRO C4-C12	8015B_DRO/3550B_DRO/MRO	6010B/3050B CAM 17 List, minus Mercury	7471A/7471A_Prep Mercury	8260B/5030B (MOD) VOCs, Standard List	Total Number of containers	Special Instructions/Note:
HA-160-5-S-9 (320-80065-1)	10/7/21	09:40 Pacific	Solid				X	X	X	X	X	X	4	
HA-160-5-S-7.5 (320-80065-2)	10/7/21	09:50 Pacific	Solid				X	X	X	X	X	X	4	
HA-160-5-W (320-80065-3)	10/7/21	09:15 Pacific	Water									X	3	
HA-160-6-S-9 (320-80065-4)	10/7/21	10:00 Pacific	Solid				X	X	X	X	X	X	4	
HA-160-6-W (320-80065-5)	10/7/21	09:30 Pacific	Water									X	3	
HA-145-1-W (320-80065-6)	10/7/21	11:00 Pacific	Water									X	3	
HA-145-2-W (320-80065-7)	10/7/21	10:45 Pacific	Water									X	3	
HA-145-3-W (320-80065-8)	10/7/21	11:30 Pacific	Water									X	3	
Note: Since laboratory accreditations are subject to change, Eurofins TestAmerica places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/test/matrix being analyzed, the samples must be shipped back to the Eurofins TestAmerica laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins TestAmerica attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins TestAmerica.														
Possible Hazard Identification														
Unconfirmed														
Deliverable Requested: I, II, III, IV, Other (specify)														
Primary Deliverable Rank: 2														
Empty Kit Relinquished by:														
Relinquished by:														
Relinquished by:														
Relinquished by:														
Custody Seal No.:														
Custody Seals Intact: ☐ Yes ☐ No														
Cooler Temperature(s) °C and Other Remarks														

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 320-80065-1

Login Number: 80065

List Source: Eurofins TestAmerica, Sacramento

List Number: 1

Creator: Garcia, Hilario A

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	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.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 320-80065-1

Login Number: 80065

List Number: 2

Creator: Guzman, Juan

List Source: Eurofins TestAmerica, Sacramento

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	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	2.7
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?	False	Received project as a subcontract.
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.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

ANALYTICAL REPORT

Eurofins TestAmerica, Sacramento
880 Riverside Parkway
West Sacramento, CA 95605
Tel: (916)373-5600

Laboratory Job ID: 320-80065-2
Client Project/Site: SSF TCC

For:

Haley & Aldrich, Inc.
2033 North Main Street
Suite 309
Walnut Creek, California 94596

Attn: Jason Grant



Authorized for release by:
11/11/2021 4:41:02 PM

Lee Ann Heathcote, Project Manager II
(916)374-4333
LeeAnn.Heathcote@Eurofinset.com

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

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

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Definitions/Glossary

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-80065-2

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
CFU	Colony Forming Unit
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)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
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)
TNTC	Too Numerous To Count

Case Narrative

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-80065-2

Job ID: 320-80065-2

Laboratory: Eurofins TestAmerica, Sacramento

Narrative

Job Narrative 320-80065-2

Comments

On 11/3/2021 the client requested STLC procedure for Lead (Pb) be performed on sample "HA-160-5-S-9" (320-80065-1).

Receipt

The samples were received on 10/8/2021 11:13 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 1.0° C.

Metals

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

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-80065-2

Client Sample ID: HA-160-5-S-9

Lab Sample ID: 320-80065-1

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Lead	1.2		0.10	mg/L	10		6010B	STLC Citrate

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-80065-2

Client Sample ID: HA-160-5-S-9

Lab Sample ID: 320-80065-1

Date Collected: 10/07/21 09:40

Matrix: Solid

Date Received: 10/08/21 11:13

Method: 6010B - Metals (ICP) - STLC Citrate

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	1.2		0.10	mg/L			11/09/21 17:39	10

QC Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-80065-2

Method: 6010B - Metals (ICP)

Lab Sample ID: LB 320-538143/1-A ^10

Matrix: Solid

Analysis Batch: 541332

Client Sample ID: Method Blank

Prep Type: STLC Citrate

Analyte	LB Result	LB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.10	mg/L			11/09/21 12:33	10

Lab Sample ID: LCS 320-538143/2-A ^10

Matrix: Solid

Analysis Batch: 541332

Client Sample ID: Lab Control Sample

Prep Type: STLC Citrate

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	1.00	0.967		mg/L		97	75 - 125

Lab Sample ID: LCSD 320-538143/3-A

Matrix: Solid

Analysis Batch: 541332

Client Sample ID: Lab Control Sample Dup

Prep Type: STLC Citrate

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lead	1.00	0.984		mg/L		98	75 - 125	2	20

QC Association Summary

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-80065-2

Metals

Leach Batch: 538143

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-80065-1	HA-160-5-S-9	STLC Citrate	Solid	CA WET Citrate	
LB 320-538143/1-A ^10	Method Blank	STLC Citrate	Solid	CA WET Citrate	
LCS 320-538143/2-A ^10	Lab Control Sample	STLC Citrate	Solid	CA WET Citrate	
LCSD 320-538143/3-A	Lab Control Sample Dup	STLC Citrate	Solid	CA WET Citrate	

Analysis Batch: 541332

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 320-538143/1-A ^10	Method Blank	STLC Citrate	Solid	6010B	538143
LCS 320-538143/2-A ^10	Lab Control Sample	STLC Citrate	Solid	6010B	538143
LCSD 320-538143/3-A	Lab Control Sample Dup	STLC Citrate	Solid	6010B	538143

Analysis Batch: 541471

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-80065-1	HA-160-5-S-9	STLC Citrate	Solid	6010B	538143

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-80065-2

Client Sample ID: HA-160-5-S-9

Lab Sample ID: 320-80065-1

Date Collected: 10/07/21 09:40

Matrix: Solid

Date Received: 10/08/21 11:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
STLC Citrate	Leach	CA WET Citrate			50.32 g	500 mL	538143	11/05/21 13:50	CF	TAL SAC
STLC Citrate	Analysis	6010B		10			541471	11/09/21 17:39	GSH	TAL SAC

Laboratory References:

TAL SAC = Eurofins TestAmerica, Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Accreditation/Certification Summary

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-80065-2

Laboratory: Eurofins TestAmerica, Sacramento

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	State	2897	01-31-22

Method Summary

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-80065-2

Method	Method Description	Protocol	Laboratory
6010B	Metals (ICP)	SW846	TAL SAC
CA WET Citrate	California - Waste Extraction Test with Citrate Leach	CA-WET	TAL SAC

Protocol References:

CA-WET = California Waste Extraction Test, from Title 22

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

Laboratory References:

TAL SAC = Eurofins TestAmerica, Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Sample Summary

Client: Haley & Aldrich, Inc.
Project/Site: SSF TCC

Job ID: 320-80065-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
320-80065-1	HA-160-5-S-9	Solid	10/07/21 09:40	10/08/21 11:13

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

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 320-80065-2

Login Number: 80065

List Source: Eurofins TestAmerica, Sacramento

List Number: 1

Creator: Garcia, Hilario A

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	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.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 320-80065-2

Login Number: 80065

List Source: Eurofins TestAmerica, Sacramento

List Number: 2

Creator: Guzman, Juan

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	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	2.7
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?	False	Received project as a subcontract.
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.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

ANALYTICAL REPORT

Eurofins TestAmerica, Sacramento
880 Riverside Parkway
West Sacramento, CA 95605
Tel: (916)373-5600

Laboratory Job ID: 320-80148-1

Client Project/Site: 160/180 Sylvester Rd, SSF

For:

Haley & Aldrich, Inc.
2033 North Main Street
Suite 309
Walnut Creek, California 94596

Attn: Jason Grant



Authorized for release by:
10/20/2021 6:33:38 PM

Lee Ann Heathcote, Project Manager II
(916)374-4333
LeeAnn.Heathcote@Eurofinset.com

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

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

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Definitions/Glossary

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time
H3	Sample was received and analyzed past holding time.

GC Semi VOA

Qualifier	Qualifier Description
S1-	Surrogate recovery exceeds control limits, low biased.

Metals

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

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
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)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
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)
TNTC	Too Numerous To Count

Case Narrative

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-1

Job ID: 320-80148-1

Laboratory: Eurofins TestAmerica, Sacramento

Narrative

Job Narrative 320-80148-1

Comments

No additional comments.

Receipt

The samples were received on 10/11/2021 9:25 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 1.8° C and 4.0° C.

Receipt Exceptions

TerraCore soil samples were received past Holding Time for freezing (48 hours) per California requirements.

Did not receive correct container for method 8015B Diesel/Motor Oil for sample "HA-160-3-S-10" (320-80148-9). Received only TerraCore on which 8015B cannot be analyzed.

GC/MS VOA

Method 5035: The following samples were preserved via freezing on 10/11/2021 at 19:59: HA-160-1-S-1.5 (320-80148-1), HA-160-1-S-4 (320-80148-2), HA-160-1-S-10.5 (320-80148-3), HA-160-2-S-2.5 (320-80148-5), HA-160-2-S-4.5 (320-80148-6), HA-160-3-S-1.5 (320-80148-7), HA-160-3-S-4 (320-80148-8), HA-160-3-S-10 (320-80148-9), HA-160-4-S-1.5 (320-80148-11), HA-160-4-S-4 (320-80148-12), HA-180-1-S-2.5 (320-80148-13), HA-180-1-S-4.5 (320-80148-14), HA-180-1-S-13 (320-80148-15), HA-180-2-S-2.5 (320-80148-16) and HA-180-2-S-4.5 (320-80148-17). This is outside the 48-hour timeframe required by the method.

Method 8260B: The following samples were collected in properly preserved vials; however, the pH was outside the required criteria when verified by the laboratory: HA-160-1-W (320-80148-4) and HA-160-3-W (320-80148-10). The samples were analyzed outside the 7-day holding time specified for unpreserved samples but within the 14-day holding time specified for preserved samples.

Method 8260B: The following samples were received with less than 2 days remaining on the holding time or less than one shift (8 hours) remaining on a test with a holding time of 48 hours or less: HA-160-1-S-1.5 (320-80148-1), HA-160-1-S-4 (320-80148-2), HA-160-1-S-10.5 (320-80148-3), HA-160-2-S-4.5 (320-80148-6), HA-160-3-S-1.5 (320-80148-7), HA-160-3-S-4 (320-80148-8), HA-160-3-S-10 (320-80148-9), HA-160-4-S-1.5 (320-80148-11), HA-160-4-S-4 (320-80148-12), HA-180-1-S-2.5 (320-80148-13), HA-180-1-S-4.5 (320-80148-14) and HA-180-1-S-13 (320-80148-15). HA-180-2-S-2.5 (320-80148-16) and HA-180-2-S-4.5 (320-80148-17). As such, the laboratory had insufficient time remaining to perform the analysis within holding time.

Method 8260B: Dichlorodifluoromethane recovery in the initial calibration verification (ICV) associated with this analytical batch was greater than the limit of +/- 25%D, at 26.2%. Per SOP WS-MS-0007 Rev.5.11 section 10.6.10, up to three gases are permitted to have recoveries at <30%D; therefore, the data have been reported.

Method 8260B: The recovery of Bromomethane in the initial calibration verification (ICV) associated with this analytical batch was <25%D. Per SOP WS-MS-0007 Rev.5.11 section 10.6.10, the %Recovery for each analyte is +/- 25 %D, with three gases exceptions up to <30%D.

Method 8260B: The following volatiles sample was diluted due to foaming at the time of purging during the original sample analysis: HA-180-1-W (320-80148-18). Elevated reporting limits (RLs) are provided.

Method 8260B: The following sample was diluted to bring the concentration of target analytes within the calibration range: HA-160-1-W (320-80148-4). Elevated reporting limits (RLs) are provided.

Method 8260B: Internal standard (ISTD) responses for Dioxane-d8 for the following samples in analytical batch 320-534014 was outside acceptance criteria: (320-79739-B-7-A) and (320-79739-B-7-C MSD). This ISTD does not correspond to any of the requested target compounds; therefore, the data have been reported.

Method 8260B: Internal standard responses were outside of acceptance limits for the following sample: (320-79739-B-7-B MS). The sample shows evidence of matrix interference.

Method 8260B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 320-532864 and analytical batch

Case Narrative

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-1

Job ID: 320-80148-1 (Continued)

Laboratory: Eurofins TestAmerica, Sacramento (Continued)

320-534010 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8260B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 320-531021 and analytical batch 320-534014 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 8260B: Insufficient sample volume was available to perform a matrix spike / matrix spike duplicate (MS/MSD) associated with preparation batch 320-533209 and analytical batch 320-534221. The laboratory control sample (LCS) was performed in duplicate to provide precision data for this batch.

Method 8260B: Insufficient sample volume was available to perform a matrix spike / matrix spike duplicate (MS/MSD) associated with analytical batch 320-535612. The laboratory control sample (LCS) was performed in duplicate to provide precision data for this batch.

Method 8260B/CA_LUFTMS: The following samples were received with less than 2 days remaining on the holding time or less than one shift (8 hours) remaining on a test with a holding time of 48 hours or less: HA-160-1-S-1.5 (320-80148-1), HA-160-1-S-4 (320-80148-2), HA-160-1-S-10.5 (320-80148-3), HA-160-2-S-2.5 (320-80148-5), HA-160-2-S-4.5 (320-80148-6), HA-160-3-S-1.5 (320-80148-7), HA-160-3-S-4 (320-80148-8), HA-160-3-S-10 (320-80148-9), HA-160-4-S-1.5 (320-80148-11), HA-160-4-S-4 (320-80148-12), HA-180-1-S-2.5 (320-80148-13), HA-180-1-S-4.5 (320-80148-14) and HA-180-1-S-13 (320-80148-15), HA-180-2-S-2.5 (320-80148-16) and HA-180-2-S-4.5 (320-80148-17). As such, the laboratory had insufficient time remaining to perform the analysis within holding time.

Method 8260B/CA_LUFTMS: Insufficient sample volume was available to perform a matrix spike / matrix spike duplicate (MS/MSD) associated with preparation batch 320-533209 and analytical batch 320-534009. The laboratory control sample (LCS) was performed in duplicate to provide precision data for this batch.

Method 8260B/CA_LUFTMS: Insufficient sample volume was available to perform a matrix spike / matrix spike duplicate (MS/MSD) associated with preparation batch 320-533209 and analytical batch 320-534220. The laboratory control sample (LCS) was performed in duplicate to provide precision data for this batch.

Method 8260B/CA_LUFTMS: Insufficient sample volume was available to perform a matrix spike / matrix spike duplicate (MS/MSD) associated with preparation batch 320-533209 and analytical batch 320-534231. The laboratory control sample (LCS) was performed in duplicate to provide precision data for this batch.

Method 8260B/CA_LUFTMS: The ending continuing calibration verification (CCV) for analytical batch 320-534009 (CCV 320-534009/30) was outside acceptance limits, with a low bias. Two consecutive CCVs (CCV 320-534009/34, CCV 320-534009/35) were analyzed the next morning, outside the 12-hour tune window to demonstrate that the instrument was still in calibration.

Method 8260B/CA_LUFTMS: The ending continuing calibration verification (CCV) for analytical batch 320-534231 (CCV 320-534231/23) was outside acceptance limits, with a low bias. Two consecutive CCVs (CCV 320-534231/24, CCV 320-534231/25) were analyzed the next morning, outside the 12-hour tune window to demonstrate that the instrument was still in calibration.

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

GC Semi VOA

Method 8015B: The following sample was diluted to bring the concentration of target analytes within the calibration range: HA-160-3-S-4 (320-80148-8). Elevated reporting limits (RLs) are provided.

Method 8015B: Surrogate recovery for the following sample was outside control limits: HA-180-1-S-13 (320-80148-15). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B: The following samples contained a hydrocarbon pattern in the diesel range; however, the elution pattern was later than the typical diesel fuel pattern used by the laboratory for quantitative purposes: HA-160-3-S-4 (320-80148-8), HA-160-4-S-1.5 (320-80148-11), HA-180-1-S-2.5 (320-80148-13), HA-180-1-S-4.5 (320-80148-14) and HA-180-2-S-4.5 (320-80148-17).

Case Narrative

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-1

Job ID: 320-80148-1 (Continued)

Laboratory: Eurofins TestAmerica, Sacramento (Continued)

Methods 8015B, 8015B DRO: The matrix spike (MS) recoveries for preparation batch 320-533932 and analytical batch 320-534056 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

Metals

Method 6010B: The serial dilution performed for the following sample associated with analytical batch 320-534187 was above the control limits of 10% for the following analyte: Nickel (11%). The associated sample is (320-80148-D-1-A SD ^5).

Method 6010B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 320-533873 and analytical batch 320-534187 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 6010B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batches 320-533469 and 320-533566 and analytical batch 320-534518 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 7471A: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 320-534348 and analytical batch 320-534844 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample/ laboratory control sample duplicate (LCS/LCSD) recoveries were within acceptance limits.

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

Organic Prep

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

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-1

Client Sample ID: HA-160-1-S-1.5

Lab Sample ID: 320-80148-1

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	8.9		2.0	mg/Kg	1		6010B	Total/NA
Barium	90	F1	1.0	mg/Kg	1		6010B	Total/NA
Beryllium	2.2		0.20	mg/Kg	1		6010B	Total/NA
Cobalt	23		0.50	mg/Kg	1		6010B	Total/NA
Chromium	180		0.50	mg/Kg	1		6010B	Total/NA
Copper	40		1.5	mg/Kg	1		6010B	Total/NA
Nickel	210		1.0	mg/Kg	1		6010B	Total/NA
Lead	8.4		1.0	mg/Kg	1		6010B	Total/NA
Antimony	72	F1	2.0	mg/Kg	1		6010B	Total/NA
Thallium	3.0	F1	2.0	mg/Kg	1		6010B	Total/NA
Vanadium	83		0.50	mg/Kg	1		6010B	Total/NA
Zinc	60		2.0	mg/Kg	1		6010B	Total/NA
Mercury	0.039	F1	0.039	mg/Kg	1		7471A	Total/NA

Client Sample ID: HA-160-1-S-4

Lab Sample ID: 320-80148-2

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	6.1		2.0	mg/Kg	1		6010B	Total/NA
Barium	250		0.98	mg/Kg	1		6010B	Total/NA
Beryllium	1.1		0.20	mg/Kg	1		6010B	Total/NA
Cobalt	15		0.49	mg/Kg	1		6010B	Total/NA
Chromium	91		0.49	mg/Kg	1		6010B	Total/NA
Copper	24		1.5	mg/Kg	1		6010B	Total/NA
Nickel	120		0.98	mg/Kg	1		6010B	Total/NA
Lead	16		0.98	mg/Kg	1		6010B	Total/NA
Antimony	27		2.0	mg/Kg	1		6010B	Total/NA
Vanadium	53		0.49	mg/Kg	1		6010B	Total/NA
Zinc	50		2.0	mg/Kg	1		6010B	Total/NA
Mercury	0.051		0.039	mg/Kg	1		7471A	Total/NA

Client Sample ID: HA-160-1-S-10.5

Lab Sample ID: 320-80148-3

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Benzene	11	H H3	5.1	ug/Kg	1		8260B	Total/NA
Ethylbenzene	24	H H3	5.1	ug/Kg	1		8260B	Total/NA
N-Propylbenzene	5.7	H H3	5.1	ug/Kg	1		8260B	Total/NA
Toluene	100	H H3	5.1	ug/Kg	1		8260B	Total/NA
1,2,4-Trimethylbenzene	30	H H3	5.1	ug/Kg	1		8260B	Total/NA
1,3,5-Trimethylbenzene	9.7	H H3	5.1	ug/Kg	1		8260B	Total/NA
m-Xylene & p-Xylene	78	H H3	5.1	ug/Kg	1		8260B	Total/NA
o-Xylene	28	H H3	5.1	ug/Kg	1		8260B	Total/NA
Xylenes, Total	110	H H3	5.1	ug/Kg	1		8260B	Total/NA

Client Sample ID: HA-160-1-W

Lab Sample ID: 320-80148-4

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	71		1.0	ug/L	2		8260B	Total/NA
Trichloroethene	2.0		1.0	ug/L	2		8260B	Total/NA
Vinyl chloride	1.8		1.0	ug/L	2		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Sacramento

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-1

Client Sample ID: HA-160-2-S-2.5

Lab Sample ID: 320-80148-5

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	7.6		2.0	mg/Kg	1		6010B	Total/NA
Barium	50		1.0	mg/Kg	1		6010B	Total/NA
Beryllium	1.8		0.20	mg/Kg	1		6010B	Total/NA
Cobalt	24		0.51	mg/Kg	1		6010B	Total/NA
Chromium	160		0.51	mg/Kg	1		6010B	Total/NA
Copper	36		1.5	mg/Kg	1		6010B	Total/NA
Nickel	220		1.0	mg/Kg	1		6010B	Total/NA
Lead	6.0		1.0	mg/Kg	1		6010B	Total/NA
Antimony	62		2.0	mg/Kg	1		6010B	Total/NA
Thallium	3.3		2.0	mg/Kg	1		6010B	Total/NA
Vanadium	77		0.51	mg/Kg	1		6010B	Total/NA
Zinc	62		2.0	mg/Kg	1		6010B	Total/NA
Mercury	0.048		0.041	mg/Kg	1		7471A	Total/NA

Client Sample ID: HA-160-2-S-4.5

Lab Sample ID: 320-80148-6

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	9.4		2.1	mg/Kg	1		6010B	Total/NA
Barium	150		1.0	mg/Kg	1		6010B	Total/NA
Beryllium	1.2		0.21	mg/Kg	1		6010B	Total/NA
Cobalt	19		0.52	mg/Kg	1		6010B	Total/NA
Chromium	81		0.52	mg/Kg	1		6010B	Total/NA
Copper	39		1.6	mg/Kg	1		6010B	Total/NA
Nickel	110		1.0	mg/Kg	1		6010B	Total/NA
Lead	14		1.0	mg/Kg	1		6010B	Total/NA
Antimony	29		2.1	mg/Kg	1		6010B	Total/NA
Vanadium	50		0.52	mg/Kg	1		6010B	Total/NA
Zinc	77		2.1	mg/Kg	1		6010B	Total/NA
Mercury	0.040		0.038	mg/Kg	1		7471A	Total/NA

Client Sample ID: HA-160-3-S-1.5

Lab Sample ID: 320-80148-7

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	4.6		1.9	mg/Kg	1		6010B	Total/NA
Barium	45		0.96	mg/Kg	1		6010B	Total/NA
Beryllium	0.87		0.19	mg/Kg	1		6010B	Total/NA
Cobalt	11		0.48	mg/Kg	1		6010B	Total/NA
Chromium	71		0.48	mg/Kg	1		6010B	Total/NA
Copper	12		1.4	mg/Kg	1		6010B	Total/NA
Nickel	60		0.96	mg/Kg	1		6010B	Total/NA
Lead	5.4		0.96	mg/Kg	1		6010B	Total/NA
Antimony	20		1.9	mg/Kg	1		6010B	Total/NA
Vanadium	46		0.48	mg/Kg	1		6010B	Total/NA
Zinc	24		1.9	mg/Kg	1		6010B	Total/NA
Mercury	0.047		0.038	mg/Kg	1		7471A	Total/NA

Client Sample ID: HA-160-3-S-4

Lab Sample ID: 320-80148-8

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	4.2		2.0	mg/Kg	2		8015B	Total/NA
Motor Oil Range Organics [C28-C40]	55		9.9	mg/Kg	2		8015B	Total/NA
Arsenic	9.7		2.0	mg/Kg	1		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Sacramento

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-1

Client Sample ID: HA-160-3-S-4 (Continued)

Lab Sample ID: 320-80148-8

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Barium	140		1.0	mg/Kg	1		6010B	Total/NA
Beryllium	1.7		0.20	mg/Kg	1		6010B	Total/NA
Cobalt	21		0.51	mg/Kg	1		6010B	Total/NA
Chromium	160		0.51	mg/Kg	1		6010B	Total/NA
Copper	39		1.5	mg/Kg	1		6010B	Total/NA
Nickel	190		1.0	mg/Kg	1		6010B	Total/NA
Lead	11		1.0	mg/Kg	1		6010B	Total/NA
Antimony	55		2.0	mg/Kg	1		6010B	Total/NA
Thallium	2.2		2.0	mg/Kg	1		6010B	Total/NA
Vanadium	58		0.51	mg/Kg	1		6010B	Total/NA
Zinc	73		2.0	mg/Kg	1		6010B	Total/NA
Mercury	0.055		0.042	mg/Kg	1		7471A	Total/NA

Client Sample ID: HA-160-3-S-10

Lab Sample ID: 320-80148-9

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	7.1	H H3	4.7	ug/Kg	1		8260B	Total/NA

Client Sample ID: HA-160-3-W

Lab Sample ID: 320-80148-10

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	4.7		0.50	ug/L	1		8260B	Total/NA
Vinyl chloride	1.1		0.50	ug/L	1		8260B	Total/NA

Client Sample ID: HA-160-4-S-1.5

Lab Sample ID: 320-80148-11

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	1.0		0.97	mg/Kg	1		8015B	Total/NA
Arsenic	10		2.0	mg/Kg	1		6010B	Total/NA
Barium	73		0.99	mg/Kg	1		6010B	Total/NA
Beryllium	1.8		0.20	mg/Kg	1		6010B	Total/NA
Cobalt	25		0.50	mg/Kg	1		6010B	Total/NA
Chromium	210		0.50	mg/Kg	1		6010B	Total/NA
Copper	44		1.5	mg/Kg	1		6010B	Total/NA
Nickel	280		0.99	mg/Kg	1		6010B	Total/NA
Lead	9.8		0.99	mg/Kg	1		6010B	Total/NA
Antimony	54		2.0	mg/Kg	1		6010B	Total/NA
Thallium	3.2		2.0	mg/Kg	1		6010B	Total/NA
Vanadium	69		0.50	mg/Kg	1		6010B	Total/NA
Zinc	73		2.0	mg/Kg	1		6010B	Total/NA
Mercury	0.043		0.043	mg/Kg	1		7471A	Total/NA

Client Sample ID: HA-160-4-S-4

Lab Sample ID: 320-80148-12

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	3.7		1.9	mg/Kg	1		6010B	Total/NA
Barium	58		0.96	mg/Kg	1		6010B	Total/NA
Beryllium	0.63		0.19	mg/Kg	1		6010B	Total/NA
Cobalt	6.5		0.48	mg/Kg	1		6010B	Total/NA
Chromium	61		0.48	mg/Kg	1		6010B	Total/NA
Copper	7.3		1.4	mg/Kg	1		6010B	Total/NA
Nickel	32		0.96	mg/Kg	1		6010B	Total/NA
Lead	5.1		0.96	mg/Kg	1		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Sacramento

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-1

Client Sample ID: HA-160-4-S-4 (Continued)

Lab Sample ID: 320-80148-12

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Antimony	12		1.9	mg/Kg	1		6010B	Total/NA
Vanadium	39		0.48	mg/Kg	1		6010B	Total/NA
Zinc	17		1.9	mg/Kg	1		6010B	Total/NA
Mercury	0.094		0.044	mg/Kg	1		7471A	Total/NA

Client Sample ID: HA-180-1-S-2.5

Lab Sample ID: 320-80148-13

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	5.4		0.99	mg/Kg	1		8015B	Total/NA
Motor Oil Range Organics [C28-C40]	5.0		4.9	mg/Kg	1		8015B	Total/NA
Arsenic	5.8		2.0	mg/Kg	1		6010B	Total/NA
Barium	50		0.98	mg/Kg	1		6010B	Total/NA
Beryllium	0.68		0.20	mg/Kg	1		6010B	Total/NA
Cobalt	8.6		0.49	mg/Kg	1		6010B	Total/NA
Chromium	44		0.49	mg/Kg	1		6010B	Total/NA
Copper	9.1		1.5	mg/Kg	1		6010B	Total/NA
Nickel	43		0.98	mg/Kg	1		6010B	Total/NA
Lead	3.7		0.98	mg/Kg	1		6010B	Total/NA
Antimony	11		2.0	mg/Kg	1		6010B	Total/NA
Vanadium	29		0.49	mg/Kg	1		6010B	Total/NA
Zinc	25		2.0	mg/Kg	1		6010B	Total/NA
Mercury	0.044		0.041	mg/Kg	1		7471A	Total/NA

Client Sample ID: HA-180-1-S-4.5

Lab Sample ID: 320-80148-14

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	14	H H3	5.1	ug/Kg	1		8260B	Total/NA
Diesel Range Organics [C10-C28]	3.1		0.98	mg/Kg	1		8015B	Total/NA
Motor Oil Range Organics [C28-C40]	13		4.9	mg/Kg	1		8015B	Total/NA
Arsenic	3.4		1.9	mg/Kg	1		6010B	Total/NA
Barium	87		0.95	mg/Kg	1		6010B	Total/NA
Beryllium	1.3		0.19	mg/Kg	1		6010B	Total/NA
Cobalt	17		0.48	mg/Kg	1		6010B	Total/NA
Chromium	77		0.48	mg/Kg	1		6010B	Total/NA
Copper	32		1.4	mg/Kg	1		6010B	Total/NA
Nickel	77		0.95	mg/Kg	1		6010B	Total/NA
Lead	5.8		0.95	mg/Kg	1		6010B	Total/NA
Antimony	40		1.9	mg/Kg	1		6010B	Total/NA
Thallium	2.9		1.9	mg/Kg	1		6010B	Total/NA
Vanadium	83		0.48	mg/Kg	1		6010B	Total/NA
Zinc	46		1.9	mg/Kg	1		6010B	Total/NA
Mercury	0.053		0.039	mg/Kg	1		7471A	Total/NA

Client Sample ID: HA-180-1-S-13

Lab Sample ID: 320-80148-15

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Acetone	220	H H3	30	ug/Kg	1		8260B	Total/NA
2-Butanone (MEK)	51	H H3	15	ug/Kg	1		8260B	Total/NA

Client Sample ID: HA-180-2-S-2.5

Lab Sample ID: 320-80148-16

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	4.3		2.1	mg/Kg	1		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Sacramento

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-1

Client Sample ID: HA-180-2-S-2.5 (Continued)

Lab Sample ID: 320-80148-16

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Barium	47		1.0	mg/Kg	1		6010B	Total/NA
Beryllium	0.62		0.21	mg/Kg	1		6010B	Total/NA
Cobalt	5.5		0.52	mg/Kg	1		6010B	Total/NA
Chromium	38		0.52	mg/Kg	1		6010B	Total/NA
Copper	7.3		1.6	mg/Kg	1		6010B	Total/NA
Nickel	40		1.0	mg/Kg	1		6010B	Total/NA
Lead	2.9		1.0	mg/Kg	1		6010B	Total/NA
Antimony	12		2.1	mg/Kg	1		6010B	Total/NA
Vanadium	26		0.52	mg/Kg	1		6010B	Total/NA
Zinc	21		2.1	mg/Kg	1		6010B	Total/NA
Mercury	0.046		0.040	mg/Kg	1		7471A	Total/NA

Client Sample ID: HA-180-2-S-4.5

Lab Sample ID: 320-80148-17

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	18	H H3	7.3	ug/Kg	1		8260B	Total/NA
Diesel Range Organics [C10-C28]	1.1		0.98	mg/Kg	1		8015B	Total/NA
Arsenic	3.5		2.0	mg/Kg	1		6010B	Total/NA
Barium	110		0.99	mg/Kg	1		6010B	Total/NA
Beryllium	1.6		0.20	mg/Kg	1		6010B	Total/NA
Cobalt	21		0.50	mg/Kg	1		6010B	Total/NA
Chromium	81		0.50	mg/Kg	1		6010B	Total/NA
Copper	31		1.5	mg/Kg	1		6010B	Total/NA
Nickel	78		0.99	mg/Kg	1		6010B	Total/NA
Lead	8.0		0.99	mg/Kg	1		6010B	Total/NA
Antimony	46		2.0	mg/Kg	1		6010B	Total/NA
Thallium	4.1		2.0	mg/Kg	1		6010B	Total/NA
Vanadium	110		0.50	mg/Kg	1		6010B	Total/NA
Zinc	54		2.0	mg/Kg	1		6010B	Total/NA
Mercury	0.057		0.044	mg/Kg	1		7471A	Total/NA

Client Sample ID: HA-180-1-W

Lab Sample ID: 320-80148-18

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	5.6		2.5	ug/L	5		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-1

Client Sample ID: HA-160-1-S-1.5

Lab Sample ID: 320-80148-1

Date Collected: 10/08/21 15:25

Matrix: Solid

Date Received: 10/11/21 09:25

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C4-C12	ND	H H3	0.41	mg/Kg		10/11/21 19:59	10/15/21 12:56	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 131			10/11/21 19:59	10/15/21 12:56	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	H H3	16	ug/Kg		10/11/21 19:59	10/14/21 15:44	1
Benzene	ND	H H3	3.9	ug/Kg		10/11/21 19:59	10/14/21 15:44	1
Bromobenzene	ND	H H3	3.9	ug/Kg		10/11/21 19:59	10/14/21 15:44	1
Bromochloromethane	ND	H H3	3.9	ug/Kg		10/11/21 19:59	10/14/21 15:44	1
Bromodichloromethane	ND	H H3	3.9	ug/Kg		10/11/21 19:59	10/14/21 15:44	1
Bromoform	ND	H H3	3.9	ug/Kg		10/11/21 19:59	10/14/21 15:44	1
Bromomethane	ND	H H3	3.9	ug/Kg		10/11/21 19:59	10/14/21 15:44	1
2-Butanone (MEK)	ND	H H3	7.8	ug/Kg		10/11/21 19:59	10/14/21 15:44	1
n-Butylbenzene	ND	H H3	3.9	ug/Kg		10/11/21 19:59	10/14/21 15:44	1
sec-Butylbenzene	ND	H H3	3.9	ug/Kg		10/11/21 19:59	10/14/21 15:44	1
tert-Butylbenzene	ND	H H3	3.9	ug/Kg		10/11/21 19:59	10/14/21 15:44	1
Carbon disulfide	ND	H H3	7.8	ug/Kg		10/11/21 19:59	10/14/21 15:44	1
Carbon tetrachloride	ND	H H3	3.9	ug/Kg		10/11/21 19:59	10/14/21 15:44	1
Chlorobenzene	ND	H H3	3.9	ug/Kg		10/11/21 19:59	10/14/21 15:44	1
Chloroethane	ND	H H3	3.9	ug/Kg		10/11/21 19:59	10/14/21 15:44	1
Chloroform	ND	H H3	3.9	ug/Kg		10/11/21 19:59	10/14/21 15:44	1
Chloromethane	ND	H H3	3.9	ug/Kg		10/11/21 19:59	10/14/21 15:44	1
2-Chlorotoluene	ND	H H3	3.9	ug/Kg		10/11/21 19:59	10/14/21 15:44	1
4-Chlorotoluene	ND	H H3	3.9	ug/Kg		10/11/21 19:59	10/14/21 15:44	1
1,2-Dibromo-3-Chloropropane	ND	H H3	7.8	ug/Kg		10/11/21 19:59	10/14/21 15:44	1
1,2-Dibromoethane (EDB)	ND	H H3	7.8	ug/Kg		10/11/21 19:59	10/14/21 15:44	1
Dibromochloromethane	ND	H H3	3.9	ug/Kg		10/11/21 19:59	10/14/21 15:44	1
Dibromomethane	ND	H H3	3.9	ug/Kg		10/11/21 19:59	10/14/21 15:44	1
1,2-Dichlorobenzene	ND	H H3	3.9	ug/Kg		10/11/21 19:59	10/14/21 15:44	1
1,3-Dichlorobenzene	ND	H H3	3.9	ug/Kg		10/11/21 19:59	10/14/21 15:44	1
1,4-Dichlorobenzene	ND	H H3	3.9	ug/Kg		10/11/21 19:59	10/14/21 15:44	1
Dichlorodifluoromethane	ND	H H3	3.9	ug/Kg		10/11/21 19:59	10/14/21 15:44	1
1,1-Dichloroethane	ND	H H3	3.9	ug/Kg		10/11/21 19:59	10/14/21 15:44	1
1,2-Dichloroethane	ND	H H3	3.9	ug/Kg		10/11/21 19:59	10/14/21 15:44	1
cis-1,2-Dichloroethene	ND	H H3	3.9	ug/Kg		10/11/21 19:59	10/14/21 15:44	1
trans-1,2-Dichloroethene	ND	H H3	3.9	ug/Kg		10/11/21 19:59	10/14/21 15:44	1
1,1-Dichloroethene	ND	H H3	3.9	ug/Kg		10/11/21 19:59	10/14/21 15:44	1
1,2-Dichloropropane	ND	H H3	3.9	ug/Kg		10/11/21 19:59	10/14/21 15:44	1
1,3-Dichloropropane	ND	H H3	3.9	ug/Kg		10/11/21 19:59	10/14/21 15:44	1
2,2-Dichloropropane	ND	H H3	3.9	ug/Kg		10/11/21 19:59	10/14/21 15:44	1
cis-1,3-Dichloropropene	ND	H H3	3.9	ug/Kg		10/11/21 19:59	10/14/21 15:44	1
trans-1,3-Dichloropropene	ND	H H3	3.9	ug/Kg		10/11/21 19:59	10/14/21 15:44	1
1,1-Dichloropropene	ND	H H3	3.9	ug/Kg		10/11/21 19:59	10/14/21 15:44	1
Ethylbenzene	ND	H H3	3.9	ug/Kg		10/11/21 19:59	10/14/21 15:44	1
Hexachlorobutadiene	ND	H H3	3.9	ug/Kg		10/11/21 19:59	10/14/21 15:44	1
2-Hexanone	ND	H H3	7.8	ug/Kg		10/11/21 19:59	10/14/21 15:44	1
Isopropylbenzene	ND	H H3	3.9	ug/Kg		10/11/21 19:59	10/14/21 15:44	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-1

Client Sample ID: HA-160-1-S-1.5

Lab Sample ID: 320-80148-1

Date Collected: 10/08/21 15:25

Matrix: Solid

Date Received: 10/11/21 09:25

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
p-Isopropyltoluene	ND	H H3	3.9	ug/Kg		10/11/21 19:59	10/14/21 15:44	1
4-Methyl-2-pentanone (MIBK)	ND	H H3	7.8	ug/Kg		10/11/21 19:59	10/14/21 15:44	1
Methyl tert-butyl ether	ND	H H3	7.8	ug/Kg		10/11/21 19:59	10/14/21 15:44	1
Methylene Chloride	ND	H H3	7.8	ug/Kg		10/11/21 19:59	10/14/21 15:44	1
Naphthalene	ND	H H3	3.9	ug/Kg		10/11/21 19:59	10/14/21 15:44	1
N-Propylbenzene	ND	H H3	3.9	ug/Kg		10/11/21 19:59	10/14/21 15:44	1
Styrene	ND	H H3	3.9	ug/Kg		10/11/21 19:59	10/14/21 15:44	1
1,1,1,2-Tetrachloroethane	ND	H H3	3.9	ug/Kg		10/11/21 19:59	10/14/21 15:44	1
1,1,2,2-Tetrachloroethane	ND	H H3	3.9	ug/Kg		10/11/21 19:59	10/14/21 15:44	1
Tetrachloroethene	ND	H H3	3.9	ug/Kg		10/11/21 19:59	10/14/21 15:44	1
Toluene	ND	H H3	3.9	ug/Kg		10/11/21 19:59	10/14/21 15:44	1
1,2,3-Trichlorobenzene	ND	H H3	3.9	ug/Kg		10/11/21 19:59	10/14/21 15:44	1
1,2,4-Trichlorobenzene	ND	H H3	3.9	ug/Kg		10/11/21 19:59	10/14/21 15:44	1
1,1,1-Trichloroethane	ND	H H3	3.9	ug/Kg		10/11/21 19:59	10/14/21 15:44	1
1,1,2-Trichloroethane	ND	H H3	3.9	ug/Kg		10/11/21 19:59	10/14/21 15:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	H H3	7.8	ug/Kg		10/11/21 19:59	10/14/21 15:44	1
Trichloroethene	ND	H H3	3.9	ug/Kg		10/11/21 19:59	10/14/21 15:44	1
Trichlorofluoromethane	ND	H H3	3.9	ug/Kg		10/11/21 19:59	10/14/21 15:44	1
1,2,3-Trichloropropane	ND	H H3	3.9	ug/Kg		10/11/21 19:59	10/14/21 15:44	1
1,2,4-Trimethylbenzene	ND	H H3	3.9	ug/Kg		10/11/21 19:59	10/14/21 15:44	1
1,3,5-Trimethylbenzene	ND	H H3	3.9	ug/Kg		10/11/21 19:59	10/14/21 15:44	1
Vinyl acetate	ND	H H3	7.8	ug/Kg		10/11/21 19:59	10/14/21 15:44	1
Vinyl chloride	ND	H H3	3.9	ug/Kg		10/11/21 19:59	10/14/21 15:44	1
m-Xylene & p-Xylene	ND	H H3	3.9	ug/Kg		10/11/21 19:59	10/14/21 15:44	1
o-Xylene	ND	H H3	3.9	ug/Kg		10/11/21 19:59	10/14/21 15:44	1
Xylenes, Total	ND	H H3	3.9	ug/Kg		10/11/21 19:59	10/14/21 15:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		63 - 143	10/11/21 19:59	10/14/21 15:44	1
1,2-Dichloroethane-d4 (Surr)	104		32 - 156	10/11/21 19:59	10/14/21 15:44	1
Toluene-d8 (Surr)	115		63 - 138	10/11/21 19:59	10/14/21 15:44	1
Dibromofluoromethane (Surr)	104		55 - 129	10/11/21 19:59	10/14/21 15:44	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		0.97	mg/Kg		10/14/21 10:03	10/15/21 13:45	1
Motor Oil Range Organics [C28-C40]	ND		4.9	mg/Kg		10/14/21 10:03	10/15/21 13:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl (Surr)	62		51 - 111	10/14/21 10:03	10/15/21 13:45	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.50	mg/Kg		10/14/21 06:30	10/14/21 16:58	1
Arsenic	8.9		2.0	mg/Kg		10/14/21 06:30	10/14/21 16:58	1
Barium	90	F1	1.0	mg/Kg		10/14/21 06:30	10/14/21 16:58	1
Beryllium	2.2		0.20	mg/Kg		10/14/21 06:30	10/14/21 16:58	1
Cadmium	ND		0.20	mg/Kg		10/14/21 06:30	10/14/21 16:58	1
Cobalt	23		0.50	mg/Kg		10/14/21 06:30	10/14/21 16:58	1
Chromium	180		0.50	mg/Kg		10/14/21 06:30	10/14/21 16:58	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-1

Client Sample ID: HA-160-1-S-1.5

Lab Sample ID: 320-80148-1

Date Collected: 10/08/21 15:25

Matrix: Solid

Date Received: 10/11/21 09:25

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	40		1.5	mg/Kg		10/14/21 06:30	10/14/21 16:58	1
Molybdenum	ND		2.0	mg/Kg		10/14/21 06:30	10/14/21 16:58	1
Nickel	210		1.0	mg/Kg		10/14/21 06:30	10/14/21 16:58	1
Lead	8.4		1.0	mg/Kg		10/14/21 06:30	10/14/21 16:58	1
Selenium	ND		2.0	mg/Kg		10/14/21 06:30	10/14/21 16:58	1
Antimony	72	F1	2.0	mg/Kg		10/14/21 06:30	10/14/21 16:58	1
Thallium	3.0	F1	2.0	mg/Kg		10/14/21 06:30	10/14/21 16:58	1
Vanadium	83		0.50	mg/Kg		10/14/21 06:30	10/14/21 16:58	1
Zinc	60		2.0	mg/Kg		10/14/21 06:30	10/14/21 16:58	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.039	F1	0.039	mg/Kg		10/15/21 18:10	10/16/21 00:23	1

Client Sample ID: HA-160-1-S-4

Lab Sample ID: 320-80148-2

Date Collected: 10/08/21 15:30

Matrix: Solid

Date Received: 10/11/21 09:25

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C4-C12	ND	H H3	0.48	mg/Kg		10/11/21 19:59	10/15/21 13:19	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 131			10/11/21 19:59	10/15/21 13:19	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	H H3	21	ug/Kg		10/11/21 19:59	10/14/21 16:06	1
Benzene	ND	H H3	5.3	ug/Kg		10/11/21 19:59	10/14/21 16:06	1
Bromobenzene	ND	H H3	5.3	ug/Kg		10/11/21 19:59	10/14/21 16:06	1
Bromochloromethane	ND	H H3	5.3	ug/Kg		10/11/21 19:59	10/14/21 16:06	1
Bromodichloromethane	ND	H H3	5.3	ug/Kg		10/11/21 19:59	10/14/21 16:06	1
Bromoform	ND	H H3	5.3	ug/Kg		10/11/21 19:59	10/14/21 16:06	1
Bromomethane	ND	H H3	5.3	ug/Kg		10/11/21 19:59	10/14/21 16:06	1
2-Butanone (MEK)	ND	H H3	11	ug/Kg		10/11/21 19:59	10/14/21 16:06	1
n-Butylbenzene	ND	H H3	5.3	ug/Kg		10/11/21 19:59	10/14/21 16:06	1
sec-Butylbenzene	ND	H H3	5.3	ug/Kg		10/11/21 19:59	10/14/21 16:06	1
tert-Butylbenzene	ND	H H3	5.3	ug/Kg		10/11/21 19:59	10/14/21 16:06	1
Carbon disulfide	ND	H H3	11	ug/Kg		10/11/21 19:59	10/14/21 16:06	1
Carbon tetrachloride	ND	H H3	5.3	ug/Kg		10/11/21 19:59	10/14/21 16:06	1
Chlorobenzene	ND	H H3	5.3	ug/Kg		10/11/21 19:59	10/14/21 16:06	1
Chloroethane	ND	H H3	5.3	ug/Kg		10/11/21 19:59	10/14/21 16:06	1
Chloroform	ND	H H3	5.3	ug/Kg		10/11/21 19:59	10/14/21 16:06	1
Chloromethane	ND	H H3	5.3	ug/Kg		10/11/21 19:59	10/14/21 16:06	1
2-Chlorotoluene	ND	H H3	5.3	ug/Kg		10/11/21 19:59	10/14/21 16:06	1
4-Chlorotoluene	ND	H H3	5.3	ug/Kg		10/11/21 19:59	10/14/21 16:06	1
1,2-Dibromo-3-Chloropropane	ND	H H3	11	ug/Kg		10/11/21 19:59	10/14/21 16:06	1
1,2-Dibromoethane (EDB)	ND	H H3	11	ug/Kg		10/11/21 19:59	10/14/21 16:06	1
Dibromochloromethane	ND	H H3	5.3	ug/Kg		10/11/21 19:59	10/14/21 16:06	1
Dibromomethane	ND	H H3	5.3	ug/Kg		10/11/21 19:59	10/14/21 16:06	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-1

Client Sample ID: HA-160-1-S-4

Lab Sample ID: 320-80148-2

Date Collected: 10/08/21 15:30

Matrix: Solid

Date Received: 10/11/21 09:25

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND	H H3	5.3	ug/Kg		10/11/21 19:59	10/14/21 16:06	1
1,3-Dichlorobenzene	ND	H H3	5.3	ug/Kg		10/11/21 19:59	10/14/21 16:06	1
1,4-Dichlorobenzene	ND	H H3	5.3	ug/Kg		10/11/21 19:59	10/14/21 16:06	1
Dichlorodifluoromethane	ND	H H3	5.3	ug/Kg		10/11/21 19:59	10/14/21 16:06	1
1,1-Dichloroethane	ND	H H3	5.3	ug/Kg		10/11/21 19:59	10/14/21 16:06	1
1,2-Dichloroethane	ND	H H3	5.3	ug/Kg		10/11/21 19:59	10/14/21 16:06	1
cis-1,2-Dichloroethene	ND	H H3	5.3	ug/Kg		10/11/21 19:59	10/14/21 16:06	1
trans-1,2-Dichloroethene	ND	H H3	5.3	ug/Kg		10/11/21 19:59	10/14/21 16:06	1
1,1-Dichloroethene	ND	H H3	5.3	ug/Kg		10/11/21 19:59	10/14/21 16:06	1
1,2-Dichloropropane	ND	H H3	5.3	ug/Kg		10/11/21 19:59	10/14/21 16:06	1
1,3-Dichloropropane	ND	H H3	5.3	ug/Kg		10/11/21 19:59	10/14/21 16:06	1
2,2-Dichloropropane	ND	H H3	5.3	ug/Kg		10/11/21 19:59	10/14/21 16:06	1
cis-1,3-Dichloropropene	ND	H H3	5.3	ug/Kg		10/11/21 19:59	10/14/21 16:06	1
trans-1,3-Dichloropropene	ND	H H3	5.3	ug/Kg		10/11/21 19:59	10/14/21 16:06	1
1,1-Dichloropropene	ND	H H3	5.3	ug/Kg		10/11/21 19:59	10/14/21 16:06	1
Ethylbenzene	ND	H H3	5.3	ug/Kg		10/11/21 19:59	10/14/21 16:06	1
Hexachlorobutadiene	ND	H H3	5.3	ug/Kg		10/11/21 19:59	10/14/21 16:06	1
2-Hexanone	ND	H H3	11	ug/Kg		10/11/21 19:59	10/14/21 16:06	1
Isopropylbenzene	ND	H H3	5.3	ug/Kg		10/11/21 19:59	10/14/21 16:06	1
p-Isopropyltoluene	ND	H H3	5.3	ug/Kg		10/11/21 19:59	10/14/21 16:06	1
4-Methyl-2-pentanone (MIBK)	ND	H H3	11	ug/Kg		10/11/21 19:59	10/14/21 16:06	1
Methyl tert-butyl ether	ND	H H3	11	ug/Kg		10/11/21 19:59	10/14/21 16:06	1
Methylene Chloride	ND	H H3	11	ug/Kg		10/11/21 19:59	10/14/21 16:06	1
Naphthalene	ND	H H3	5.3	ug/Kg		10/11/21 19:59	10/14/21 16:06	1
N-Propylbenzene	ND	H H3	5.3	ug/Kg		10/11/21 19:59	10/14/21 16:06	1
Styrene	ND	H H3	5.3	ug/Kg		10/11/21 19:59	10/14/21 16:06	1
1,1,1,2-Tetrachloroethane	ND	H H3	5.3	ug/Kg		10/11/21 19:59	10/14/21 16:06	1
1,1,2,2-Tetrachloroethane	ND	H H3	5.3	ug/Kg		10/11/21 19:59	10/14/21 16:06	1
Tetrachloroethene	ND	H H3	5.3	ug/Kg		10/11/21 19:59	10/14/21 16:06	1
Toluene	ND	H H3	5.3	ug/Kg		10/11/21 19:59	10/14/21 16:06	1
1,2,3-Trichlorobenzene	ND	H H3	5.3	ug/Kg		10/11/21 19:59	10/14/21 16:06	1
1,2,4-Trichlorobenzene	ND	H H3	5.3	ug/Kg		10/11/21 19:59	10/14/21 16:06	1
1,1,1-Trichloroethane	ND	H H3	5.3	ug/Kg		10/11/21 19:59	10/14/21 16:06	1
1,1,2-Trichloroethane	ND	H H3	5.3	ug/Kg		10/11/21 19:59	10/14/21 16:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	H H3	11	ug/Kg		10/11/21 19:59	10/14/21 16:06	1
Trichloroethene	ND	H H3	5.3	ug/Kg		10/11/21 19:59	10/14/21 16:06	1
Trichlorofluoromethane	ND	H H3	5.3	ug/Kg		10/11/21 19:59	10/14/21 16:06	1
1,2,3-Trichloropropane	ND	H H3	5.3	ug/Kg		10/11/21 19:59	10/14/21 16:06	1
1,2,4-Trimethylbenzene	ND	H H3	5.3	ug/Kg		10/11/21 19:59	10/14/21 16:06	1
1,3,5-Trimethylbenzene	ND	H H3	5.3	ug/Kg		10/11/21 19:59	10/14/21 16:06	1
Vinyl acetate	ND	H H3	11	ug/Kg		10/11/21 19:59	10/14/21 16:06	1
Vinyl chloride	ND	H H3	5.3	ug/Kg		10/11/21 19:59	10/14/21 16:06	1
m-Xylene & p-Xylene	ND	H H3	5.3	ug/Kg		10/11/21 19:59	10/14/21 16:06	1
o-Xylene	ND	H H3	5.3	ug/Kg		10/11/21 19:59	10/14/21 16:06	1
Xylenes, Total	ND	H H3	5.3	ug/Kg		10/11/21 19:59	10/14/21 16:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		63 - 143	10/11/21 19:59	10/14/21 16:06	1
1,2-Dichloroethane-d4 (Surr)	106		32 - 156	10/11/21 19:59	10/14/21 16:06	1
Toluene-d8 (Surr)	114		63 - 138	10/11/21 19:59	10/14/21 16:06	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-1

Client Sample ID: HA-160-1-S-4

Lab Sample ID: 320-80148-2

Date Collected: 10/08/21 15:30

Matrix: Solid

Date Received: 10/11/21 09:25

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	104		55 - 129	10/11/21 19:59	10/14/21 16:06	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		0.98	mg/Kg		10/14/21 10:03	10/15/21 14:14	1
Motor Oil Range Organics [C28-C40]	ND		4.9	mg/Kg		10/14/21 10:03	10/15/21 14:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl (Surr)	60		51 - 111	10/14/21 10:03	10/15/21 14:14	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.49	mg/Kg		10/14/21 15:01	10/15/21 13:17	1
Arsenic	6.1		2.0	mg/Kg		10/14/21 15:01	10/15/21 13:17	1
Barium	250		0.98	mg/Kg		10/14/21 15:01	10/15/21 13:17	1
Beryllium	1.1		0.20	mg/Kg		10/14/21 15:01	10/15/21 13:17	1
Cadmium	ND		0.20	mg/Kg		10/14/21 15:01	10/15/21 13:17	1
Cobalt	15		0.49	mg/Kg		10/14/21 15:01	10/15/21 13:17	1
Chromium	91		0.49	mg/Kg		10/14/21 15:01	10/15/21 13:17	1
Copper	24		1.5	mg/Kg		10/14/21 15:01	10/15/21 13:17	1
Molybdenum	ND		2.0	mg/Kg		10/14/21 15:01	10/15/21 13:17	1
Nickel	120		0.98	mg/Kg		10/14/21 15:01	10/15/21 13:17	1
Lead	16		0.98	mg/Kg		10/14/21 15:01	10/15/21 13:17	1
Selenium	ND		2.0	mg/Kg		10/14/21 15:01	10/15/21 13:17	1
Antimony	27		2.0	mg/Kg		10/14/21 15:01	10/15/21 13:17	1
Thallium	ND		2.0	mg/Kg		10/14/21 15:01	10/15/21 13:17	1
Vanadium	53		0.49	mg/Kg		10/14/21 15:01	10/15/21 13:17	1
Zinc	50		2.0	mg/Kg		10/14/21 15:01	10/15/21 13:17	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.051		0.039	mg/Kg		10/15/21 18:10	10/16/21 00:30	1

Client Sample ID: HA-160-1-S-10.5

Lab Sample ID: 320-80148-3

Date Collected: 10/08/21 15:35

Matrix: Solid

Date Received: 10/11/21 09:25

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C4-C12	ND	H H3	0.81	mg/Kg		10/11/21 19:59	10/15/21 13:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 131	10/11/21 19:59	10/15/21 13:41	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	H H3	20	ug/Kg		10/11/21 19:59	10/14/21 16:28	1
Benzene	11	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 16:28	1
Bromobenzene	ND	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 16:28	1
Bromochloromethane	ND	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 16:28	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-1

Client Sample ID: HA-160-1-S-10.5

Lab Sample ID: 320-80148-3

Date Collected: 10/08/21 15:35

Matrix: Solid

Date Received: 10/11/21 09:25

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Bromodichloromethane	ND	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 16:28	1
Bromoform	ND	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 16:28	1
Bromomethane	ND	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 16:28	1
2-Butanone (MEK)	ND	H H3	10	ug/Kg		10/11/21 19:59	10/14/21 16:28	1
n-Butylbenzene	ND	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 16:28	1
sec-Butylbenzene	ND	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 16:28	1
tert-Butylbenzene	ND	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 16:28	1
Carbon disulfide	ND	H H3	10	ug/Kg		10/11/21 19:59	10/14/21 16:28	1
Carbon tetrachloride	ND	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 16:28	1
Chlorobenzene	ND	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 16:28	1
Chloroethane	ND	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 16:28	1
Chloroform	ND	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 16:28	1
Chloromethane	ND	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 16:28	1
2-Chlorotoluene	ND	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 16:28	1
4-Chlorotoluene	ND	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 16:28	1
1,2-Dibromo-3-Chloropropane	ND	H H3	10	ug/Kg		10/11/21 19:59	10/14/21 16:28	1
1,2-Dibromoethane (EDB)	ND	H H3	10	ug/Kg		10/11/21 19:59	10/14/21 16:28	1
Dibromochloromethane	ND	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 16:28	1
Dibromomethane	ND	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 16:28	1
1,2-Dichlorobenzene	ND	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 16:28	1
1,3-Dichlorobenzene	ND	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 16:28	1
1,4-Dichlorobenzene	ND	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 16:28	1
Dichlorodifluoromethane	ND	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 16:28	1
1,1-Dichloroethane	ND	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 16:28	1
1,2-Dichloroethane	ND	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 16:28	1
cis-1,2-Dichloroethene	ND	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 16:28	1
trans-1,2-Dichloroethene	ND	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 16:28	1
1,1-Dichloroethene	ND	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 16:28	1
1,2-Dichloropropane	ND	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 16:28	1
1,3-Dichloropropane	ND	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 16:28	1
2,2-Dichloropropane	ND	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 16:28	1
cis-1,3-Dichloropropene	ND	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 16:28	1
trans-1,3-Dichloropropene	ND	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 16:28	1
1,1-Dichloropropene	ND	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 16:28	1
Ethylbenzene	24	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 16:28	1
Hexachlorobutadiene	ND	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 16:28	1
2-Hexanone	ND	H H3	10	ug/Kg		10/11/21 19:59	10/14/21 16:28	1
Isopropylbenzene	ND	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 16:28	1
p-Isopropyltoluene	ND	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 16:28	1
4-Methyl-2-pentanone (MIBK)	ND	H H3	10	ug/Kg		10/11/21 19:59	10/14/21 16:28	1
Methyl tert-butyl ether	ND	H H3	10	ug/Kg		10/11/21 19:59	10/14/21 16:28	1
Methylene Chloride	ND	H H3	10	ug/Kg		10/11/21 19:59	10/14/21 16:28	1
Naphthalene	ND	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 16:28	1
N-Propylbenzene	5.7	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 16:28	1
Styrene	ND	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 16:28	1
1,1,1,2-Tetrachloroethane	ND	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 16:28	1
1,1,2,2-Tetrachloroethane	ND	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 16:28	1
Tetrachloroethene	ND	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 16:28	1
Toluene	100	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 16:28	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-1

Client Sample ID: HA-160-1-S-10.5

Lab Sample ID: 320-80148-3

Date Collected: 10/08/21 15:35

Matrix: Solid

Date Received: 10/11/21 09:25

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	ND	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 16:28	1
1,2,4-Trichlorobenzene	ND	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 16:28	1
1,1,1-Trichloroethane	ND	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 16:28	1
1,1,2-Trichloroethane	ND	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 16:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	H H3	10	ug/Kg		10/11/21 19:59	10/14/21 16:28	1
Trichloroethene	ND	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 16:28	1
Trichlorofluoromethane	ND	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 16:28	1
1,2,3-Trichloropropane	ND	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 16:28	1
1,2,4-Trimethylbenzene	30	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 16:28	1
1,3,5-Trimethylbenzene	9.7	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 16:28	1
Vinyl acetate	ND	H H3	10	ug/Kg		10/11/21 19:59	10/14/21 16:28	1
Vinyl chloride	ND	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 16:28	1
m-Xylene & p-Xylene	78	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 16:28	1
o-Xylene	28	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 16:28	1
Xylenes, Total	110	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 16:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		63 - 143	10/11/21 19:59	10/14/21 16:28	1
1,2-Dichloroethane-d4 (Surr)	100		32 - 156	10/11/21 19:59	10/14/21 16:28	1
Toluene-d8 (Surr)	113		63 - 138	10/11/21 19:59	10/14/21 16:28	1
Dibromofluoromethane (Surr)	101		55 - 129	10/11/21 19:59	10/14/21 16:28	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		0.98	mg/Kg		10/14/21 10:03	10/15/21 14:43	1
Motor Oil Range Organics [C28-C40]	ND		4.9	mg/Kg		10/14/21 10:03	10/15/21 14:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl (Surr)	60		51 - 111	10/14/21 10:03	10/15/21 14:43	1

Client Sample ID: HA-160-1-W

Lab Sample ID: 320-80148-4

Date Collected: 10/08/21 15:00

Matrix: Water

Date Received: 10/11/21 09:25

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		20	ug/L			10/20/21 15:10	2
Benzene	ND		1.0	ug/L			10/20/21 15:10	2
Bromobenzene	ND		2.0	ug/L			10/20/21 15:10	2
Bromochloromethane	ND		2.0	ug/L			10/20/21 15:10	2
Bromodichloromethane	ND		1.0	ug/L			10/20/21 15:10	2
Bromoform	ND		2.0	ug/L			10/20/21 15:10	2
Bromomethane	ND		2.0	ug/L			10/20/21 15:10	2
n-Butylbenzene	ND		2.0	ug/L			10/20/21 15:10	2
2-Butanone (MEK)	ND		4.0	ug/L			10/20/21 15:10	2
sec-Butylbenzene	ND		2.0	ug/L			10/20/21 15:10	2
tert-Butylbenzene	ND		2.0	ug/L			10/20/21 15:10	2
Carbon tetrachloride	ND		1.0	ug/L			10/20/21 15:10	2
Chlorobenzene	ND		1.0	ug/L			10/20/21 15:10	2
Carbon disulfide	ND		4.0	ug/L			10/20/21 15:10	2
Chloroethane	ND		2.0	ug/L			10/20/21 15:10	2

Euofins TestAmerica, Sacramento

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-1

Client Sample ID: HA-160-1-W

Lab Sample ID: 320-80148-4

Date Collected: 10/08/21 15:00

Matrix: Water

Date Received: 10/11/21 09:25

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	ND		2.0	ug/L			10/20/21 15:10	2
Chloromethane	ND		2.0	ug/L			10/20/21 15:10	2
2-Chlorotoluene	ND		1.0	ug/L			10/20/21 15:10	2
4-Chlorotoluene	ND		1.0	ug/L			10/20/21 15:10	2
1,2-Dibromo-3-Chloropropane	ND		2.0	ug/L			10/20/21 15:10	2
1,2-Dibromoethane (EDB)	ND		1.0	ug/L			10/20/21 15:10	2
Dibromomethane	ND		1.0	ug/L			10/20/21 15:10	2
1,2-Dichlorobenzene	ND		1.0	ug/L			10/20/21 15:10	2
1,3-Dichlorobenzene	ND		1.0	ug/L			10/20/21 15:10	2
1,4-Dichlorobenzene	ND		1.0	ug/L			10/20/21 15:10	2
Dibromochloromethane	ND		1.0	ug/L			10/20/21 15:10	2
Dichlorodifluoromethane	ND		2.0	ug/L			10/20/21 15:10	2
1,1-Dichloroethane	ND		1.0	ug/L			10/20/21 15:10	2
1,2-Dichloroethane	ND		1.0	ug/L			10/20/21 15:10	2
cis-1,2-Dichloroethene	71		1.0	ug/L			10/20/21 15:10	2
trans-1,2-Dichloroethene	ND		1.0	ug/L			10/20/21 15:10	2
1,1-Dichloroethene	ND		1.0	ug/L			10/20/21 15:10	2
1,2-Dichloropropane	ND		1.0	ug/L			10/20/21 15:10	2
1,3-Dichloropropane	ND		2.0	ug/L			10/20/21 15:10	2
2,2-Dichloropropane	ND		2.0	ug/L			10/20/21 15:10	2
cis-1,3-Dichloropropene	ND		1.0	ug/L			10/20/21 15:10	2
trans-1,3-Dichloropropene	ND		1.0	ug/L			10/20/21 15:10	2
1,1-Dichloropropene	ND		1.0	ug/L			10/20/21 15:10	2
Ethylbenzene	ND		1.0	ug/L			10/20/21 15:10	2
Hexachlorobutadiene	ND		2.0	ug/L			10/20/21 15:10	2
Isopropylbenzene	ND		1.0	ug/L			10/20/21 15:10	2
p-Isopropyltoluene	ND		2.0	ug/L			10/20/21 15:10	2
Methylene Chloride	ND		2.0	ug/L			10/20/21 15:10	2
Naphthalene	ND		2.0	ug/L			10/20/21 15:10	2
2-Hexanone	ND		4.0	ug/L			10/20/21 15:10	2
N-Propylbenzene	ND		2.0	ug/L			10/20/21 15:10	2
Styrene	ND		1.0	ug/L			10/20/21 15:10	2
1,1,1,2-Tetrachloroethane	ND		1.0	ug/L			10/20/21 15:10	2
1,1,2,2-Tetrachloroethane	ND		1.0	ug/L			10/20/21 15:10	2
4-Methyl-2-pentanone (MIBK)	ND		4.0	ug/L			10/20/21 15:10	2
Tetrachloroethene	ND		1.0	ug/L			10/20/21 15:10	2
Toluene	ND		1.0	ug/L			10/20/21 15:10	2
1,2,3-Trichlorobenzene	ND		2.0	ug/L			10/20/21 15:10	2
1,2,4-Trichlorobenzene	ND		2.0	ug/L			10/20/21 15:10	2
1,1,1-Trichloroethane	ND		1.0	ug/L			10/20/21 15:10	2
1,1,2-Trichloroethane	ND		1.0	ug/L			10/20/21 15:10	2
Trichloroethene	2.0		1.0	ug/L			10/20/21 15:10	2
Trichlorofluoromethane	ND		2.0	ug/L			10/20/21 15:10	2
1,2,3-Trichloropropane	ND		2.0	ug/L			10/20/21 15:10	2
1,2,4-Trimethylbenzene	ND		2.0	ug/L			10/20/21 15:10	2
1,3,5-Trimethylbenzene	ND		1.0	ug/L			10/20/21 15:10	2
Vinyl chloride	1.8		1.0	ug/L			10/20/21 15:10	2
m-Xylene & p-Xylene	ND		1.0	ug/L			10/20/21 15:10	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	ug/L			10/20/21 15:10	2

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-1

Client Sample ID: HA-160-1-W

Lab Sample ID: 320-80148-4

Date Collected: 10/08/21 15:00

Matrix: Water

Date Received: 10/11/21 09:25

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		1.0	ug/L			10/20/21 15:10	2
Vinyl acetate	ND		4.0	ug/L			10/20/21 15:10	2
Xylenes, Total	ND		1.0	ug/L			10/20/21 15:10	2
Methyl tert-butyl ether	ND		1.0	ug/L			10/20/21 15:10	2
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		74 - 120				10/20/21 15:10	2
1,2-Dichloroethane-d4 (Surr)	83		72 - 123				10/20/21 15:10	2
Toluene-d8 (Surr)	97		78 - 120				10/20/21 15:10	2
Dibromofluoromethane (Surr)	92		80 - 123				10/20/21 15:10	2

Client Sample ID: HA-160-2-S-2.5

Lab Sample ID: 320-80148-5

Date Collected: 10/08/21 13:10

Matrix: Solid

Date Received: 10/11/21 09:25

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C4-C12	ND	H H3	0.36	mg/Kg		10/11/21 19:59	10/14/21 21:26	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 131			10/11/21 19:59	10/14/21 21:26	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	H H3	14	ug/Kg		10/11/21 19:59	10/14/21 21:26	1
Benzene	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 21:26	1
Bromobenzene	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 21:26	1
Bromochloromethane	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 21:26	1
Bromodichloromethane	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 21:26	1
Bromoform	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 21:26	1
Bromomethane	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 21:26	1
2-Butanone (MEK)	ND	H H3	7.2	ug/Kg		10/11/21 19:59	10/14/21 21:26	1
n-Butylbenzene	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 21:26	1
sec-Butylbenzene	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 21:26	1
tert-Butylbenzene	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 21:26	1
Carbon disulfide	ND	H H3	7.2	ug/Kg		10/11/21 19:59	10/14/21 21:26	1
Carbon tetrachloride	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 21:26	1
Chlorobenzene	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 21:26	1
Chloroethane	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 21:26	1
Chloroform	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 21:26	1
Chloromethane	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 21:26	1
2-Chlorotoluene	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 21:26	1
4-Chlorotoluene	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 21:26	1
1,2-Dibromo-3-Chloropropane	ND	H H3	7.2	ug/Kg		10/11/21 19:59	10/14/21 21:26	1
1,2-Dibromoethane (EDB)	ND	H H3	7.2	ug/Kg		10/11/21 19:59	10/14/21 21:26	1
Dibromochloromethane	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 21:26	1
Dibromomethane	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 21:26	1
1,2-Dichlorobenzene	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 21:26	1
1,3-Dichlorobenzene	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 21:26	1
1,4-Dichlorobenzene	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 21:26	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-1

Client Sample ID: HA-160-2-S-2.5

Lab Sample ID: 320-80148-5

Date Collected: 10/08/21 13:10

Matrix: Solid

Date Received: 10/11/21 09:25

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 21:26	1
1,1-Dichloroethane	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 21:26	1
1,2-Dichloroethane	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 21:26	1
cis-1,2-Dichloroethene	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 21:26	1
trans-1,2-Dichloroethene	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 21:26	1
1,1-Dichloroethene	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 21:26	1
1,2-Dichloropropane	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 21:26	1
1,3-Dichloropropane	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 21:26	1
2,2-Dichloropropane	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 21:26	1
cis-1,3-Dichloropropene	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 21:26	1
trans-1,3-Dichloropropene	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 21:26	1
1,1-Dichloropropene	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 21:26	1
Ethylbenzene	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 21:26	1
Hexachlorobutadiene	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 21:26	1
2-Hexanone	ND	H H3	7.2	ug/Kg		10/11/21 19:59	10/14/21 21:26	1
Isopropylbenzene	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 21:26	1
p-Isopropyltoluene	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 21:26	1
4-Methyl-2-pentanone (MIBK)	ND	H H3	7.2	ug/Kg		10/11/21 19:59	10/14/21 21:26	1
Methyl tert-butyl ether	ND	H H3	7.2	ug/Kg		10/11/21 19:59	10/14/21 21:26	1
Methylene Chloride	ND	H H3	7.2	ug/Kg		10/11/21 19:59	10/14/21 21:26	1
Naphthalene	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 21:26	1
N-Propylbenzene	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 21:26	1
Styrene	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 21:26	1
1,1,1,2-Tetrachloroethane	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 21:26	1
1,1,2,2-Tetrachloroethane	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 21:26	1
Tetrachloroethene	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 21:26	1
Toluene	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 21:26	1
1,2,3-Trichlorobenzene	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 21:26	1
1,2,4-Trichlorobenzene	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 21:26	1
1,1,1-Trichloroethane	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 21:26	1
1,1,2-Trichloroethane	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 21:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	H H3	7.2	ug/Kg		10/11/21 19:59	10/14/21 21:26	1
Trichloroethene	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 21:26	1
Trichlorofluoromethane	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 21:26	1
1,2,3-Trichloropropane	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 21:26	1
1,2,4-Trimethylbenzene	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 21:26	1
1,3,5-Trimethylbenzene	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 21:26	1
Vinyl acetate	ND	H H3	7.2	ug/Kg		10/11/21 19:59	10/14/21 21:26	1
Vinyl chloride	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 21:26	1
m-Xylene & p-Xylene	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 21:26	1
o-Xylene	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 21:26	1
Xylenes, Total	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 21:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		63 - 143	10/11/21 19:59	10/14/21 21:26	1
1,2-Dichloroethane-d4 (Surr)	94		32 - 156	10/11/21 19:59	10/14/21 21:26	1
Toluene-d8 (Surr)	100		63 - 138	10/11/21 19:59	10/14/21 21:26	1
Dibromofluoromethane (Surr)	101		55 - 129	10/11/21 19:59	10/14/21 21:26	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-1

Client Sample ID: HA-160-2-S-2.5

Lab Sample ID: 320-80148-5

Date Collected: 10/08/21 13:10

Matrix: Solid

Date Received: 10/11/21 09:25

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		0.97	mg/Kg		10/14/21 10:03	10/15/21 15:11	1
Motor Oil Range Organics [C28-C40]	ND		4.9	mg/Kg		10/14/21 10:03	10/15/21 15:11	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
<i>o</i> -Terphenyl (Surr)	60		51 - 111			10/14/21 10:03	10/15/21 15:11	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.51	mg/Kg		10/14/21 06:30	10/14/21 17:18	1
Arsenic	7.6		2.0	mg/Kg		10/14/21 06:30	10/14/21 17:18	1
Barium	50		1.0	mg/Kg		10/14/21 06:30	10/14/21 17:18	1
Beryllium	1.8		0.20	mg/Kg		10/14/21 06:30	10/14/21 17:18	1
Cadmium	ND		0.20	mg/Kg		10/14/21 06:30	10/14/21 17:18	1
Cobalt	24		0.51	mg/Kg		10/14/21 06:30	10/14/21 17:18	1
Chromium	160		0.51	mg/Kg		10/14/21 06:30	10/14/21 17:18	1
Copper	36		1.5	mg/Kg		10/14/21 06:30	10/14/21 17:18	1
Molybdenum	ND		2.0	mg/Kg		10/14/21 06:30	10/14/21 17:18	1
Nickel	220		1.0	mg/Kg		10/14/21 06:30	10/14/21 17:18	1
Lead	6.0		1.0	mg/Kg		10/14/21 06:30	10/14/21 17:18	1
Selenium	ND		2.0	mg/Kg		10/14/21 06:30	10/14/21 17:18	1
Antimony	62		2.0	mg/Kg		10/14/21 06:30	10/14/21 17:18	1
Thallium	3.3		2.0	mg/Kg		10/14/21 06:30	10/14/21 17:18	1
Vanadium	77		0.51	mg/Kg		10/14/21 06:30	10/14/21 17:18	1
Zinc	62		2.0	mg/Kg		10/14/21 06:30	10/14/21 17:18	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.048		0.041	mg/Kg		10/15/21 18:10	10/16/21 00:36	1

Client Sample ID: HA-160-2-S-4.5

Lab Sample ID: 320-80148-6

Date Collected: 10/08/21 13:00

Matrix: Solid

Date Received: 10/11/21 09:25

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C4-C12	ND	H H3	0.44	mg/Kg		10/11/21 19:59	10/15/21 15:11	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 131			10/11/21 19:59	10/15/21 15:11	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	H H3	15	ug/Kg		10/11/21 19:59	10/14/21 17:12	1
Benzene	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 17:12	1
Bromobenzene	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 17:12	1
Bromochloromethane	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 17:12	1
Bromodichloromethane	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 17:12	1
Bromoform	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 17:12	1
Bromomethane	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 17:12	1
2-Butanone (MEK)	ND	H H3	7.3	ug/Kg		10/11/21 19:59	10/14/21 17:12	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-1

Client Sample ID: HA-160-2-S-4.5

Lab Sample ID: 320-80148-6

Date Collected: 10/08/21 13:00

Matrix: Solid

Date Received: 10/11/21 09:25

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
n-Butylbenzene	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 17:12	1
sec-Butylbenzene	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 17:12	1
tert-Butylbenzene	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 17:12	1
Carbon disulfide	ND	H H3	7.3	ug/Kg		10/11/21 19:59	10/14/21 17:12	1
Carbon tetrachloride	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 17:12	1
Chlorobenzene	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 17:12	1
Chloroethane	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 17:12	1
Chloroform	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 17:12	1
Chloromethane	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 17:12	1
2-Chlorotoluene	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 17:12	1
4-Chlorotoluene	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 17:12	1
1,2-Dibromo-3-Chloropropane	ND	H H3	7.3	ug/Kg		10/11/21 19:59	10/14/21 17:12	1
1,2-Dibromoethane (EDB)	ND	H H3	7.3	ug/Kg		10/11/21 19:59	10/14/21 17:12	1
Dibromochloromethane	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 17:12	1
Dibromomethane	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 17:12	1
1,2-Dichlorobenzene	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 17:12	1
1,3-Dichlorobenzene	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 17:12	1
1,4-Dichlorobenzene	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 17:12	1
Dichlorodifluoromethane	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 17:12	1
1,1-Dichloroethane	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 17:12	1
1,2-Dichloroethane	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 17:12	1
cis-1,2-Dichloroethene	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 17:12	1
trans-1,2-Dichloroethene	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 17:12	1
1,1-Dichloroethene	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 17:12	1
1,2-Dichloropropane	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 17:12	1
1,3-Dichloropropane	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 17:12	1
2,2-Dichloropropane	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 17:12	1
cis-1,3-Dichloropropene	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 17:12	1
trans-1,3-Dichloropropene	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 17:12	1
1,1-Dichloropropene	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 17:12	1
Ethylbenzene	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 17:12	1
Hexachlorobutadiene	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 17:12	1
2-Hexanone	ND	H H3	7.3	ug/Kg		10/11/21 19:59	10/14/21 17:12	1
Isopropylbenzene	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 17:12	1
p-Isopropyltoluene	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 17:12	1
4-Methyl-2-pentanone (MIBK)	ND	H H3	7.3	ug/Kg		10/11/21 19:59	10/14/21 17:12	1
Methyl tert-butyl ether	ND	H H3	7.3	ug/Kg		10/11/21 19:59	10/14/21 17:12	1
Methylene Chloride	ND	H H3	7.3	ug/Kg		10/11/21 19:59	10/14/21 17:12	1
Naphthalene	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 17:12	1
N-Propylbenzene	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 17:12	1
Styrene	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 17:12	1
1,1,1,2-Tetrachloroethane	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 17:12	1
1,1,2,2-Tetrachloroethane	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 17:12	1
Tetrachloroethene	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 17:12	1
Toluene	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 17:12	1
1,2,3-Trichlorobenzene	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 17:12	1
1,2,4-Trichlorobenzene	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 17:12	1
1,1,1-Trichloroethane	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 17:12	1
1,1,2-Trichloroethane	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 17:12	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-1

Client Sample ID: HA-160-2-S-4.5

Lab Sample ID: 320-80148-6

Date Collected: 10/08/21 13:00

Matrix: Solid

Date Received: 10/11/21 09:25

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	H H3	7.3	ug/Kg		10/11/21 19:59	10/14/21 17:12	1
Trichloroethene	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 17:12	1
Trichlorofluoromethane	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 17:12	1
1,2,3-Trichloropropane	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 17:12	1
1,2,4-Trimethylbenzene	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 17:12	1
1,3,5-Trimethylbenzene	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 17:12	1
Vinyl acetate	ND	H H3	7.3	ug/Kg		10/11/21 19:59	10/14/21 17:12	1
Vinyl chloride	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 17:12	1
m-Xylene & p-Xylene	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 17:12	1
o-Xylene	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 17:12	1
Xylenes, Total	ND	H H3	3.6	ug/Kg		10/11/21 19:59	10/14/21 17:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		63 - 143	10/11/21 19:59	10/14/21 17:12	1
1,2-Dichloroethane-d4 (Surr)	105		32 - 156	10/11/21 19:59	10/14/21 17:12	1
Toluene-d8 (Surr)	114		63 - 138	10/11/21 19:59	10/14/21 17:12	1
Dibromofluoromethane (Surr)	104		55 - 129	10/11/21 19:59	10/14/21 17:12	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		1.0	mg/Kg		10/14/21 10:03	10/15/21 15:40	1
Motor Oil Range Organics [C28-C40]	ND		5.0	mg/Kg		10/14/21 10:03	10/15/21 15:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl (Surr)	61		51 - 111	10/14/21 10:03	10/15/21 15:40	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.52	mg/Kg		10/14/21 06:30	10/14/21 17:22	1
Arsenic	9.4		2.1	mg/Kg		10/14/21 06:30	10/14/21 17:22	1
Barium	150		1.0	mg/Kg		10/14/21 06:30	10/14/21 17:22	1
Beryllium	1.2		0.21	mg/Kg		10/14/21 06:30	10/14/21 17:22	1
Cadmium	ND		0.21	mg/Kg		10/14/21 06:30	10/14/21 17:22	1
Cobalt	19		0.52	mg/Kg		10/14/21 06:30	10/14/21 17:22	1
Chromium	81		0.52	mg/Kg		10/14/21 06:30	10/14/21 17:22	1
Copper	39		1.6	mg/Kg		10/14/21 06:30	10/14/21 17:22	1
Molybdenum	ND		2.1	mg/Kg		10/14/21 06:30	10/14/21 17:22	1
Nickel	110		1.0	mg/Kg		10/14/21 06:30	10/14/21 17:22	1
Lead	14		1.0	mg/Kg		10/14/21 06:30	10/14/21 17:22	1
Selenium	ND		2.1	mg/Kg		10/14/21 06:30	10/14/21 17:22	1
Antimony	29		2.1	mg/Kg		10/14/21 06:30	10/14/21 17:22	1
Thallium	ND		2.1	mg/Kg		10/14/21 06:30	10/14/21 17:22	1
Vanadium	50		0.52	mg/Kg		10/14/21 06:30	10/14/21 17:22	1
Zinc	77		2.1	mg/Kg		10/14/21 06:30	10/14/21 17:22	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.040		0.038	mg/Kg		10/15/21 18:10	10/16/21 00:37	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-1

Client Sample ID: HA-160-3-S-1.5

Lab Sample ID: 320-80148-7

Date Collected: 10/08/21 16:15

Matrix: Solid

Date Received: 10/11/21 09:25

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C4-C12	ND	H H3	0.73	mg/Kg		10/11/21 19:59	10/15/21 15:33	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 131			10/11/21 19:59	10/15/21 15:33	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	H H3	18	ug/Kg		10/11/21 19:59	10/14/21 17:33	1
Benzene	ND	H H3	4.5	ug/Kg		10/11/21 19:59	10/14/21 17:33	1
Bromobenzene	ND	H H3	4.5	ug/Kg		10/11/21 19:59	10/14/21 17:33	1
Bromochloromethane	ND	H H3	4.5	ug/Kg		10/11/21 19:59	10/14/21 17:33	1
Bromodichloromethane	ND	H H3	4.5	ug/Kg		10/11/21 19:59	10/14/21 17:33	1
Bromoform	ND	H H3	4.5	ug/Kg		10/11/21 19:59	10/14/21 17:33	1
Bromomethane	ND	H H3	4.5	ug/Kg		10/11/21 19:59	10/14/21 17:33	1
2-Butanone (MEK)	ND	H H3	9.1	ug/Kg		10/11/21 19:59	10/14/21 17:33	1
n-Butylbenzene	ND	H H3	4.5	ug/Kg		10/11/21 19:59	10/14/21 17:33	1
sec-Butylbenzene	ND	H H3	4.5	ug/Kg		10/11/21 19:59	10/14/21 17:33	1
tert-Butylbenzene	ND	H H3	4.5	ug/Kg		10/11/21 19:59	10/14/21 17:33	1
Carbon disulfide	ND	H H3	9.1	ug/Kg		10/11/21 19:59	10/14/21 17:33	1
Carbon tetrachloride	ND	H H3	4.5	ug/Kg		10/11/21 19:59	10/14/21 17:33	1
Chlorobenzene	ND	H H3	4.5	ug/Kg		10/11/21 19:59	10/14/21 17:33	1
Chloroethane	ND	H H3	4.5	ug/Kg		10/11/21 19:59	10/14/21 17:33	1
Chloroform	ND	H H3	4.5	ug/Kg		10/11/21 19:59	10/14/21 17:33	1
Chloromethane	ND	H H3	4.5	ug/Kg		10/11/21 19:59	10/14/21 17:33	1
2-Chlorotoluene	ND	H H3	4.5	ug/Kg		10/11/21 19:59	10/14/21 17:33	1
4-Chlorotoluene	ND	H H3	4.5	ug/Kg		10/11/21 19:59	10/14/21 17:33	1
1,2-Dibromo-3-Chloropropane	ND	H H3	9.1	ug/Kg		10/11/21 19:59	10/14/21 17:33	1
1,2-Dibromoethane (EDB)	ND	H H3	9.1	ug/Kg		10/11/21 19:59	10/14/21 17:33	1
Dibromochloromethane	ND	H H3	4.5	ug/Kg		10/11/21 19:59	10/14/21 17:33	1
Dibromomethane	ND	H H3	4.5	ug/Kg		10/11/21 19:59	10/14/21 17:33	1
1,2-Dichlorobenzene	ND	H H3	4.5	ug/Kg		10/11/21 19:59	10/14/21 17:33	1
1,3-Dichlorobenzene	ND	H H3	4.5	ug/Kg		10/11/21 19:59	10/14/21 17:33	1
1,4-Dichlorobenzene	ND	H H3	4.5	ug/Kg		10/11/21 19:59	10/14/21 17:33	1
Dichlorodifluoromethane	ND	H H3	4.5	ug/Kg		10/11/21 19:59	10/14/21 17:33	1
1,1-Dichloroethane	ND	H H3	4.5	ug/Kg		10/11/21 19:59	10/14/21 17:33	1
1,2-Dichloroethane	ND	H H3	4.5	ug/Kg		10/11/21 19:59	10/14/21 17:33	1
cis-1,2-Dichloroethene	ND	H H3	4.5	ug/Kg		10/11/21 19:59	10/14/21 17:33	1
trans-1,2-Dichloroethene	ND	H H3	4.5	ug/Kg		10/11/21 19:59	10/14/21 17:33	1
1,1-Dichloroethene	ND	H H3	4.5	ug/Kg		10/11/21 19:59	10/14/21 17:33	1
1,2-Dichloropropane	ND	H H3	4.5	ug/Kg		10/11/21 19:59	10/14/21 17:33	1
1,3-Dichloropropane	ND	H H3	4.5	ug/Kg		10/11/21 19:59	10/14/21 17:33	1
2,2-Dichloropropane	ND	H H3	4.5	ug/Kg		10/11/21 19:59	10/14/21 17:33	1
cis-1,3-Dichloropropene	ND	H H3	4.5	ug/Kg		10/11/21 19:59	10/14/21 17:33	1
trans-1,3-Dichloropropene	ND	H H3	4.5	ug/Kg		10/11/21 19:59	10/14/21 17:33	1
1,1-Dichloropropene	ND	H H3	4.5	ug/Kg		10/11/21 19:59	10/14/21 17:33	1
Ethylbenzene	ND	H H3	4.5	ug/Kg		10/11/21 19:59	10/14/21 17:33	1
Hexachlorobutadiene	ND	H H3	4.5	ug/Kg		10/11/21 19:59	10/14/21 17:33	1
2-Hexanone	ND	H H3	9.1	ug/Kg		10/11/21 19:59	10/14/21 17:33	1
Isopropylbenzene	ND	H H3	4.5	ug/Kg		10/11/21 19:59	10/14/21 17:33	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-1

Client Sample ID: HA-160-3-S-1.5

Lab Sample ID: 320-80148-7

Date Collected: 10/08/21 16:15

Matrix: Solid

Date Received: 10/11/21 09:25

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
p-Isopropyltoluene	ND	H H3	4.5	ug/Kg		10/11/21 19:59	10/14/21 17:33	1
4-Methyl-2-pentanone (MIBK)	ND	H H3	9.1	ug/Kg		10/11/21 19:59	10/14/21 17:33	1
Methyl tert-butyl ether	ND	H H3	9.1	ug/Kg		10/11/21 19:59	10/14/21 17:33	1
Methylene Chloride	ND	H H3	9.1	ug/Kg		10/11/21 19:59	10/14/21 17:33	1
Naphthalene	ND	H H3	4.5	ug/Kg		10/11/21 19:59	10/14/21 17:33	1
N-Propylbenzene	ND	H H3	4.5	ug/Kg		10/11/21 19:59	10/14/21 17:33	1
Styrene	ND	H H3	4.5	ug/Kg		10/11/21 19:59	10/14/21 17:33	1
1,1,1,2-Tetrachloroethane	ND	H H3	4.5	ug/Kg		10/11/21 19:59	10/14/21 17:33	1
1,1,1,2,2-Tetrachloroethane	ND	H H3	4.5	ug/Kg		10/11/21 19:59	10/14/21 17:33	1
Tetrachloroethene	ND	H H3	4.5	ug/Kg		10/11/21 19:59	10/14/21 17:33	1
Toluene	ND	H H3	4.5	ug/Kg		10/11/21 19:59	10/14/21 17:33	1
1,2,3-Trichlorobenzene	ND	H H3	4.5	ug/Kg		10/11/21 19:59	10/14/21 17:33	1
1,2,4-Trichlorobenzene	ND	H H3	4.5	ug/Kg		10/11/21 19:59	10/14/21 17:33	1
1,1,1-Trichloroethane	ND	H H3	4.5	ug/Kg		10/11/21 19:59	10/14/21 17:33	1
1,1,2-Trichloroethane	ND	H H3	4.5	ug/Kg		10/11/21 19:59	10/14/21 17:33	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	H H3	9.1	ug/Kg		10/11/21 19:59	10/14/21 17:33	1
Trichloroethene	ND	H H3	4.5	ug/Kg		10/11/21 19:59	10/14/21 17:33	1
Trichlorofluoromethane	ND	H H3	4.5	ug/Kg		10/11/21 19:59	10/14/21 17:33	1
1,2,3-Trichloropropane	ND	H H3	4.5	ug/Kg		10/11/21 19:59	10/14/21 17:33	1
1,2,4-Trimethylbenzene	ND	H H3	4.5	ug/Kg		10/11/21 19:59	10/14/21 17:33	1
1,3,5-Trimethylbenzene	ND	H H3	4.5	ug/Kg		10/11/21 19:59	10/14/21 17:33	1
Vinyl acetate	ND	H H3	9.1	ug/Kg		10/11/21 19:59	10/14/21 17:33	1
Vinyl chloride	ND	H H3	4.5	ug/Kg		10/11/21 19:59	10/14/21 17:33	1
m-Xylene & p-Xylene	ND	H H3	4.5	ug/Kg		10/11/21 19:59	10/14/21 17:33	1
o-Xylene	ND	H H3	4.5	ug/Kg		10/11/21 19:59	10/14/21 17:33	1
Xylenes, Total	ND	H H3	4.5	ug/Kg		10/11/21 19:59	10/14/21 17:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		63 - 143	10/11/21 19:59	10/14/21 17:33	1
1,2-Dichloroethane-d4 (Surr)	101		32 - 156	10/11/21 19:59	10/14/21 17:33	1
Toluene-d8 (Surr)	112		63 - 138	10/11/21 19:59	10/14/21 17:33	1
Dibromofluoromethane (Surr)	102		55 - 129	10/11/21 19:59	10/14/21 17:33	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		0.97	mg/Kg		10/14/21 10:03	10/15/21 16:09	1
Motor Oil Range Organics [C28-C40]	ND		4.8	mg/Kg		10/14/21 10:03	10/15/21 16:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl (Surr)	62		51 - 111	10/14/21 10:03	10/15/21 16:09	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.48	mg/Kg		10/14/21 06:30	10/14/21 17:26	1
Arsenic	4.6		1.9	mg/Kg		10/14/21 06:30	10/14/21 17:26	1
Barium	45		0.96	mg/Kg		10/14/21 06:30	10/14/21 17:26	1
Beryllium	0.87		0.19	mg/Kg		10/14/21 06:30	10/14/21 17:26	1
Cadmium	ND		0.19	mg/Kg		10/14/21 06:30	10/14/21 17:26	1
Cobalt	11		0.48	mg/Kg		10/14/21 06:30	10/14/21 17:26	1
Chromium	71		0.48	mg/Kg		10/14/21 06:30	10/14/21 17:26	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-1

Client Sample ID: HA-160-3-S-1.5

Lab Sample ID: 320-80148-7

Date Collected: 10/08/21 16:15

Matrix: Solid

Date Received: 10/11/21 09:25

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	12		1.4	mg/Kg		10/14/21 06:30	10/14/21 17:26	1
Molybdenum	ND		1.9	mg/Kg		10/14/21 06:30	10/14/21 17:26	1
Nickel	60		0.96	mg/Kg		10/14/21 06:30	10/14/21 17:26	1
Lead	5.4		0.96	mg/Kg		10/14/21 06:30	10/14/21 17:26	1
Selenium	ND		1.9	mg/Kg		10/14/21 06:30	10/14/21 17:26	1
Antimony	20		1.9	mg/Kg		10/14/21 06:30	10/14/21 17:26	1
Thallium	ND		1.9	mg/Kg		10/14/21 06:30	10/14/21 17:26	1
Vanadium	46		0.48	mg/Kg		10/14/21 06:30	10/14/21 17:26	1
Zinc	24		1.9	mg/Kg		10/14/21 06:30	10/14/21 17:26	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.047		0.038	mg/Kg		10/15/21 18:10	10/16/21 00:39	1

Client Sample ID: HA-160-3-S-4

Lab Sample ID: 320-80148-8

Date Collected: 10/08/21 16:10

Matrix: Solid

Date Received: 10/11/21 09:25

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C4-C12	ND	H H3	0.80	mg/Kg		10/11/21 19:59	10/15/21 15:55	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 131			10/11/21 19:59	10/15/21 15:55	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	H H3	30	ug/Kg		10/11/21 19:59	10/14/21 17:55	1
Benzene	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 17:55	1
Bromobenzene	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 17:55	1
Bromochloromethane	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 17:55	1
Bromodichloromethane	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 17:55	1
Bromoform	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 17:55	1
Bromomethane	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 17:55	1
2-Butanone (MEK)	ND	H H3	15	ug/Kg		10/11/21 19:59	10/14/21 17:55	1
n-Butylbenzene	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 17:55	1
sec-Butylbenzene	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 17:55	1
tert-Butylbenzene	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 17:55	1
Carbon disulfide	ND	H H3	15	ug/Kg		10/11/21 19:59	10/14/21 17:55	1
Carbon tetrachloride	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 17:55	1
Chlorobenzene	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 17:55	1
Chloroethane	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 17:55	1
Chloroform	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 17:55	1
Chloromethane	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 17:55	1
2-Chlorotoluene	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 17:55	1
4-Chlorotoluene	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 17:55	1
1,2-Dibromo-3-Chloropropane	ND	H H3	15	ug/Kg		10/11/21 19:59	10/14/21 17:55	1
1,2-Dibromoethane (EDB)	ND	H H3	15	ug/Kg		10/11/21 19:59	10/14/21 17:55	1
Dibromochloromethane	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 17:55	1
Dibromomethane	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 17:55	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-1

Client Sample ID: HA-160-3-S-4

Lab Sample ID: 320-80148-8

Date Collected: 10/08/21 16:10

Matrix: Solid

Date Received: 10/11/21 09:25

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 17:55	1
1,3-Dichlorobenzene	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 17:55	1
1,4-Dichlorobenzene	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 17:55	1
Dichlorodifluoromethane	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 17:55	1
1,1-Dichloroethane	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 17:55	1
1,2-Dichloroethane	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 17:55	1
cis-1,2-Dichloroethene	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 17:55	1
trans-1,2-Dichloroethene	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 17:55	1
1,1-Dichloroethene	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 17:55	1
1,2-Dichloropropane	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 17:55	1
1,3-Dichloropropane	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 17:55	1
2,2-Dichloropropane	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 17:55	1
cis-1,3-Dichloropropene	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 17:55	1
trans-1,3-Dichloropropene	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 17:55	1
1,1-Dichloropropene	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 17:55	1
Ethylbenzene	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 17:55	1
Hexachlorobutadiene	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 17:55	1
2-Hexanone	ND	H H3	15	ug/Kg		10/11/21 19:59	10/14/21 17:55	1
Isopropylbenzene	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 17:55	1
p-Isopropyltoluene	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 17:55	1
4-Methyl-2-pentanone (MIBK)	ND	H H3	15	ug/Kg		10/11/21 19:59	10/14/21 17:55	1
Methyl tert-butyl ether	ND	H H3	15	ug/Kg		10/11/21 19:59	10/14/21 17:55	1
Methylene Chloride	ND	H H3	15	ug/Kg		10/11/21 19:59	10/14/21 17:55	1
Naphthalene	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 17:55	1
N-Propylbenzene	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 17:55	1
Styrene	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 17:55	1
1,1,1,2-Tetrachloroethane	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 17:55	1
1,1,2,2-Tetrachloroethane	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 17:55	1
Tetrachloroethene	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 17:55	1
Toluene	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 17:55	1
1,2,3-Trichlorobenzene	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 17:55	1
1,2,4-Trichlorobenzene	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 17:55	1
1,1,1-Trichloroethane	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 17:55	1
1,1,2-Trichloroethane	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 17:55	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	H H3	15	ug/Kg		10/11/21 19:59	10/14/21 17:55	1
Trichloroethene	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 17:55	1
Trichlorofluoromethane	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 17:55	1
1,2,3-Trichloropropane	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 17:55	1
1,2,4-Trimethylbenzene	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 17:55	1
1,3,5-Trimethylbenzene	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 17:55	1
Vinyl acetate	ND	H H3	15	ug/Kg		10/11/21 19:59	10/14/21 17:55	1
Vinyl chloride	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 17:55	1
m-Xylene & p-Xylene	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 17:55	1
o-Xylene	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 17:55	1
Xylenes, Total	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 17:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		63 - 143	10/11/21 19:59	10/14/21 17:55	1
1,2-Dichloroethane-d4 (Surr)	105		32 - 156	10/11/21 19:59	10/14/21 17:55	1
Toluene-d8 (Surr)	113		63 - 138	10/11/21 19:59	10/14/21 17:55	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-1

Client Sample ID: HA-160-3-S-4

Lab Sample ID: 320-80148-8

Date Collected: 10/08/21 16:10

Matrix: Solid

Date Received: 10/11/21 09:25

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	104		55 - 129	10/11/21 19:59	10/14/21 17:55	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	4.2		2.0	mg/Kg		10/14/21 10:03	10/15/21 16:37	2
Motor Oil Range Organics [C28-C40]	55		9.9	mg/Kg		10/14/21 10:03	10/15/21 16:37	2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl (Surr)	67		51 - 111	10/14/21 10:03	10/15/21 16:37	2

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.51	mg/Kg		10/14/21 06:30	10/14/21 17:37	1
Arsenic	9.7		2.0	mg/Kg		10/14/21 06:30	10/14/21 17:37	1
Barium	140		1.0	mg/Kg		10/14/21 06:30	10/14/21 17:37	1
Beryllium	1.7		0.20	mg/Kg		10/14/21 06:30	10/14/21 17:37	1
Cadmium	ND		0.20	mg/Kg		10/14/21 06:30	10/14/21 17:37	1
Cobalt	21		0.51	mg/Kg		10/14/21 06:30	10/14/21 17:37	1
Chromium	160		0.51	mg/Kg		10/14/21 06:30	10/14/21 17:37	1
Copper	39		1.5	mg/Kg		10/14/21 06:30	10/14/21 17:37	1
Molybdenum	ND		2.0	mg/Kg		10/14/21 06:30	10/14/21 17:37	1
Nickel	190		1.0	mg/Kg		10/14/21 06:30	10/14/21 17:37	1
Lead	11		1.0	mg/Kg		10/14/21 06:30	10/14/21 17:37	1
Selenium	ND		2.0	mg/Kg		10/14/21 06:30	10/14/21 17:37	1
Antimony	55		2.0	mg/Kg		10/14/21 06:30	10/14/21 17:37	1
Thallium	2.2		2.0	mg/Kg		10/14/21 06:30	10/14/21 17:37	1
Vanadium	58		0.51	mg/Kg		10/14/21 06:30	10/14/21 17:37	1
Zinc	73		2.0	mg/Kg		10/14/21 06:30	10/14/21 17:37	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.055		0.042	mg/Kg		10/15/21 18:10	10/15/21 23:34	1

Client Sample ID: HA-160-3-S-10

Lab Sample ID: 320-80148-9

Date Collected: 10/08/21 15:45

Matrix: Solid

Date Received: 10/11/21 09:25

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C4-C12	ND	H H3	0.40	mg/Kg		10/11/21 19:59	10/15/21 16:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 131	10/11/21 19:59	10/15/21 16:17	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	H H3	19	ug/Kg		10/11/21 19:59	10/14/21 18:17	1
Benzene	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 18:17	1
Bromobenzene	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 18:17	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-1

Client Sample ID: HA-160-3-S-10

Lab Sample ID: 320-80148-9

Date Collected: 10/08/21 15:45

Matrix: Solid

Date Received: 10/11/21 09:25

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Bromochloromethane	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 18:17	1
Bromodichloromethane	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 18:17	1
Bromoform	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 18:17	1
Bromomethane	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 18:17	1
2-Butanone (MEK)	ND	H H3	9.4	ug/Kg		10/11/21 19:59	10/14/21 18:17	1
n-Butylbenzene	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 18:17	1
sec-Butylbenzene	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 18:17	1
tert-Butylbenzene	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 18:17	1
Carbon disulfide	ND	H H3	9.4	ug/Kg		10/11/21 19:59	10/14/21 18:17	1
Carbon tetrachloride	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 18:17	1
Chlorobenzene	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 18:17	1
Chloroethane	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 18:17	1
Chloroform	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 18:17	1
Chloromethane	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 18:17	1
2-Chlorotoluene	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 18:17	1
4-Chlorotoluene	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 18:17	1
1,2-Dibromo-3-Chloropropane	ND	H H3	9.4	ug/Kg		10/11/21 19:59	10/14/21 18:17	1
1,2-Dibromoethane (EDB)	ND	H H3	9.4	ug/Kg		10/11/21 19:59	10/14/21 18:17	1
Dibromochloromethane	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 18:17	1
Dibromomethane	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 18:17	1
1,2-Dichlorobenzene	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 18:17	1
1,3-Dichlorobenzene	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 18:17	1
1,4-Dichlorobenzene	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 18:17	1
Dichlorodifluoromethane	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 18:17	1
1,1-Dichloroethane	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 18:17	1
1,2-Dichloroethane	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 18:17	1
cis-1,2-Dichloroethene	7.1	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 18:17	1
trans-1,2-Dichloroethene	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 18:17	1
1,1-Dichloroethene	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 18:17	1
1,2-Dichloropropane	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 18:17	1
1,3-Dichloropropane	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 18:17	1
2,2-Dichloropropane	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 18:17	1
cis-1,3-Dichloropropene	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 18:17	1
trans-1,3-Dichloropropene	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 18:17	1
1,1-Dichloropropene	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 18:17	1
Ethylbenzene	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 18:17	1
Hexachlorobutadiene	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 18:17	1
2-Hexanone	ND	H H3	9.4	ug/Kg		10/11/21 19:59	10/14/21 18:17	1
Isopropylbenzene	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 18:17	1
p-Isopropyltoluene	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 18:17	1
4-Methyl-2-pentanone (MIBK)	ND	H H3	9.4	ug/Kg		10/11/21 19:59	10/14/21 18:17	1
Methyl tert-butyl ether	ND	H H3	9.4	ug/Kg		10/11/21 19:59	10/14/21 18:17	1
Methylene Chloride	ND	H H3	9.4	ug/Kg		10/11/21 19:59	10/14/21 18:17	1
Naphthalene	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 18:17	1
N-Propylbenzene	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 18:17	1
Styrene	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 18:17	1
1,1,1,2-Tetrachloroethane	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 18:17	1
1,1,2,2-Tetrachloroethane	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 18:17	1
Tetrachloroethene	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 18:17	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-1

Client Sample ID: HA-160-3-S-10

Lab Sample ID: 320-80148-9

Date Collected: 10/08/21 15:45

Matrix: Solid

Date Received: 10/11/21 09:25

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 18:17	1
1,2,3-Trichlorobenzene	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 18:17	1
1,2,4-Trichlorobenzene	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 18:17	1
1,1,1-Trichloroethane	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 18:17	1
1,1,2-Trichloroethane	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 18:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	H H3	9.4	ug/Kg		10/11/21 19:59	10/14/21 18:17	1
Trichloroethene	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 18:17	1
Trichlorofluoromethane	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 18:17	1
1,2,3-Trichloropropane	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 18:17	1
1,2,4-Trimethylbenzene	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 18:17	1
1,3,5-Trimethylbenzene	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 18:17	1
Vinyl acetate	ND	H H3	9.4	ug/Kg		10/11/21 19:59	10/14/21 18:17	1
Vinyl chloride	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 18:17	1
m-Xylene & p-Xylene	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 18:17	1
o-Xylene	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 18:17	1
Xylenes, Total	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 18:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		63 - 143	10/11/21 19:59	10/14/21 18:17	1
1,2-Dichloroethane-d4 (Surr)	100		32 - 156	10/11/21 19:59	10/14/21 18:17	1
Toluene-d8 (Surr)	112		63 - 138	10/11/21 19:59	10/14/21 18:17	1
Dibromofluoromethane (Surr)	105		55 - 129	10/11/21 19:59	10/14/21 18:17	1

Client Sample ID: HA-160-3-W

Lab Sample ID: 320-80148-10

Date Collected: 10/08/21 15:05

Matrix: Water

Date Received: 10/11/21 09:25

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	ug/L			10/20/21 15:34	1
Benzene	ND		0.50	ug/L			10/20/21 15:34	1
Bromobenzene	ND		1.0	ug/L			10/20/21 15:34	1
Bromochloromethane	ND		1.0	ug/L			10/20/21 15:34	1
Bromodichloromethane	ND		0.50	ug/L			10/20/21 15:34	1
Bromoform	ND		1.0	ug/L			10/20/21 15:34	1
Bromomethane	ND		1.0	ug/L			10/20/21 15:34	1
n-Butylbenzene	ND		1.0	ug/L			10/20/21 15:34	1
2-Butanone (MEK)	ND		2.0	ug/L			10/20/21 15:34	1
sec-Butylbenzene	ND		1.0	ug/L			10/20/21 15:34	1
tert-Butylbenzene	ND		1.0	ug/L			10/20/21 15:34	1
Carbon tetrachloride	ND		0.50	ug/L			10/20/21 15:34	1
Chlorobenzene	ND		0.50	ug/L			10/20/21 15:34	1
Carbon disulfide	ND		2.0	ug/L			10/20/21 15:34	1
Chloroethane	ND		1.0	ug/L			10/20/21 15:34	1
Chloroform	ND		1.0	ug/L			10/20/21 15:34	1
Chloromethane	ND		1.0	ug/L			10/20/21 15:34	1
2-Chlorotoluene	ND		0.50	ug/L			10/20/21 15:34	1
4-Chlorotoluene	ND		0.50	ug/L			10/20/21 15:34	1
1,2-Dibromo-3-Chloropropane	ND		1.0	ug/L			10/20/21 15:34	1
1,2-Dibromoethane (EDB)	ND		0.50	ug/L			10/20/21 15:34	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-1

Client Sample ID: HA-160-3-W

Lab Sample ID: 320-80148-10

Date Collected: 10/08/21 15:05

Matrix: Water

Date Received: 10/11/21 09:25

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromomethane	ND		0.50	ug/L			10/20/21 15:34	1
1,2-Dichlorobenzene	ND		0.50	ug/L			10/20/21 15:34	1
1,3-Dichlorobenzene	ND		0.50	ug/L			10/20/21 15:34	1
1,4-Dichlorobenzene	ND		0.50	ug/L			10/20/21 15:34	1
Dibromochloromethane	ND		0.50	ug/L			10/20/21 15:34	1
Dichlorodifluoromethane	ND		1.0	ug/L			10/20/21 15:34	1
1,1-Dichloroethane	ND		0.50	ug/L			10/20/21 15:34	1
1,2-Dichloroethane	ND		0.50	ug/L			10/20/21 15:34	1
cis-1,2-Dichloroethene	4.7		0.50	ug/L			10/20/21 15:34	1
trans-1,2-Dichloroethene	ND		0.50	ug/L			10/20/21 15:34	1
1,1-Dichloroethene	ND		0.50	ug/L			10/20/21 15:34	1
1,2-Dichloropropane	ND		0.50	ug/L			10/20/21 15:34	1
1,3-Dichloropropane	ND		1.0	ug/L			10/20/21 15:34	1
2,2-Dichloropropane	ND		1.0	ug/L			10/20/21 15:34	1
cis-1,3-Dichloropropene	ND		0.50	ug/L			10/20/21 15:34	1
trans-1,3-Dichloropropene	ND		0.50	ug/L			10/20/21 15:34	1
1,1-Dichloropropene	ND		0.50	ug/L			10/20/21 15:34	1
Ethylbenzene	ND		0.50	ug/L			10/20/21 15:34	1
Hexachlorobutadiene	ND		1.0	ug/L			10/20/21 15:34	1
Isopropylbenzene	ND		0.50	ug/L			10/20/21 15:34	1
p-Isopropyltoluene	ND		1.0	ug/L			10/20/21 15:34	1
Methylene Chloride	ND		1.0	ug/L			10/20/21 15:34	1
Naphthalene	ND		1.0	ug/L			10/20/21 15:34	1
2-Hexanone	ND		2.0	ug/L			10/20/21 15:34	1
N-Propylbenzene	ND		1.0	ug/L			10/20/21 15:34	1
Styrene	ND		0.50	ug/L			10/20/21 15:34	1
1,1,1,2-Tetrachloroethane	ND		0.50	ug/L			10/20/21 15:34	1
1,1,2,2-Tetrachloroethane	ND		0.50	ug/L			10/20/21 15:34	1
4-Methyl-2-pentanone (MIBK)	ND		2.0	ug/L			10/20/21 15:34	1
Tetrachloroethene	ND		0.50	ug/L			10/20/21 15:34	1
Toluene	ND		0.50	ug/L			10/20/21 15:34	1
1,2,3-Trichlorobenzene	ND		1.0	ug/L			10/20/21 15:34	1
1,2,4-Trichlorobenzene	ND		1.0	ug/L			10/20/21 15:34	1
1,1,1-Trichloroethane	ND		0.50	ug/L			10/20/21 15:34	1
1,1,2-Trichloroethane	ND		0.50	ug/L			10/20/21 15:34	1
Trichloroethene	ND		0.50	ug/L			10/20/21 15:34	1
Trichlorofluoromethane	ND		1.0	ug/L			10/20/21 15:34	1
1,2,3-Trichloropropane	ND		1.0	ug/L			10/20/21 15:34	1
1,2,4-Trimethylbenzene	ND		1.0	ug/L			10/20/21 15:34	1
1,3,5-Trimethylbenzene	ND		0.50	ug/L			10/20/21 15:34	1
Vinyl chloride	1.1		0.50	ug/L			10/20/21 15:34	1
m-Xylene & p-Xylene	ND		0.50	ug/L			10/20/21 15:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	ug/L			10/20/21 15:34	1
o-Xylene	ND		0.50	ug/L			10/20/21 15:34	1
Vinyl acetate	ND		2.0	ug/L			10/20/21 15:34	1
Xylenes, Total	ND		0.50	ug/L			10/20/21 15:34	1
Methyl tert-butyl ether	ND		0.50	ug/L			10/20/21 15:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		74 - 120		10/20/21 15:34	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-1

Client Sample ID: HA-160-3-W

Lab Sample ID: 320-80148-10

Date Collected: 10/08/21 15:05

Matrix: Water

Date Received: 10/11/21 09:25

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	87		72 - 123		10/20/21 15:34	1
Toluene-d8 (Surr)	96		78 - 120		10/20/21 15:34	1
Dibromofluoromethane (Surr)	93		80 - 123		10/20/21 15:34	1

Client Sample ID: HA-160-4-S-1.5

Lab Sample ID: 320-80148-11

Date Collected: 10/08/21 14:25

Matrix: Solid

Date Received: 10/11/21 09:25

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C4-C12	ND	H H3	0.37	mg/Kg		10/11/21 19:59	10/15/21 16:39	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 131			10/11/21 19:59	10/15/21 16:39	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	H H3	17	ug/Kg		10/11/21 19:59	10/14/21 18:39	1
Benzene	ND	H H3	4.2	ug/Kg		10/11/21 19:59	10/14/21 18:39	1
Bromobenzene	ND	H H3	4.2	ug/Kg		10/11/21 19:59	10/14/21 18:39	1
Bromochloromethane	ND	H H3	4.2	ug/Kg		10/11/21 19:59	10/14/21 18:39	1
Bromodichloromethane	ND	H H3	4.2	ug/Kg		10/11/21 19:59	10/14/21 18:39	1
Bromoform	ND	H H3	4.2	ug/Kg		10/11/21 19:59	10/14/21 18:39	1
Bromomethane	ND	H H3	4.2	ug/Kg		10/11/21 19:59	10/14/21 18:39	1
2-Butanone (MEK)	ND	H H3	8.4	ug/Kg		10/11/21 19:59	10/14/21 18:39	1
n-Butylbenzene	ND	H H3	4.2	ug/Kg		10/11/21 19:59	10/14/21 18:39	1
sec-Butylbenzene	ND	H H3	4.2	ug/Kg		10/11/21 19:59	10/14/21 18:39	1
tert-Butylbenzene	ND	H H3	4.2	ug/Kg		10/11/21 19:59	10/14/21 18:39	1
Carbon disulfide	ND	H H3	8.4	ug/Kg		10/11/21 19:59	10/14/21 18:39	1
Carbon tetrachloride	ND	H H3	4.2	ug/Kg		10/11/21 19:59	10/14/21 18:39	1
Chlorobenzene	ND	H H3	4.2	ug/Kg		10/11/21 19:59	10/14/21 18:39	1
Chloroethane	ND	H H3	4.2	ug/Kg		10/11/21 19:59	10/14/21 18:39	1
Chloroform	ND	H H3	4.2	ug/Kg		10/11/21 19:59	10/14/21 18:39	1
Chloromethane	ND	H H3	4.2	ug/Kg		10/11/21 19:59	10/14/21 18:39	1
2-Chlorotoluene	ND	H H3	4.2	ug/Kg		10/11/21 19:59	10/14/21 18:39	1
4-Chlorotoluene	ND	H H3	4.2	ug/Kg		10/11/21 19:59	10/14/21 18:39	1
1,2-Dibromo-3-Chloropropane	ND	H H3	8.4	ug/Kg		10/11/21 19:59	10/14/21 18:39	1
1,2-Dibromoethane (EDB)	ND	H H3	8.4	ug/Kg		10/11/21 19:59	10/14/21 18:39	1
Dibromochloromethane	ND	H H3	4.2	ug/Kg		10/11/21 19:59	10/14/21 18:39	1
Dibromomethane	ND	H H3	4.2	ug/Kg		10/11/21 19:59	10/14/21 18:39	1
1,2-Dichlorobenzene	ND	H H3	4.2	ug/Kg		10/11/21 19:59	10/14/21 18:39	1
1,3-Dichlorobenzene	ND	H H3	4.2	ug/Kg		10/11/21 19:59	10/14/21 18:39	1
1,4-Dichlorobenzene	ND	H H3	4.2	ug/Kg		10/11/21 19:59	10/14/21 18:39	1
Dichlorodifluoromethane	ND	H H3	4.2	ug/Kg		10/11/21 19:59	10/14/21 18:39	1
1,1-Dichloroethane	ND	H H3	4.2	ug/Kg		10/11/21 19:59	10/14/21 18:39	1
1,2-Dichloroethane	ND	H H3	4.2	ug/Kg		10/11/21 19:59	10/14/21 18:39	1
cis-1,2-Dichloroethene	ND	H H3	4.2	ug/Kg		10/11/21 19:59	10/14/21 18:39	1
trans-1,2-Dichloroethene	ND	H H3	4.2	ug/Kg		10/11/21 19:59	10/14/21 18:39	1
1,1-Dichloroethene	ND	H H3	4.2	ug/Kg		10/11/21 19:59	10/14/21 18:39	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-1

Client Sample ID: HA-160-4-S-1.5

Lab Sample ID: 320-80148-11

Date Collected: 10/08/21 14:25

Matrix: Solid

Date Received: 10/11/21 09:25

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	ND	H H3	4.2	ug/Kg		10/11/21 19:59	10/14/21 18:39	1
1,3-Dichloropropane	ND	H H3	4.2	ug/Kg		10/11/21 19:59	10/14/21 18:39	1
2,2-Dichloropropane	ND	H H3	4.2	ug/Kg		10/11/21 19:59	10/14/21 18:39	1
cis-1,3-Dichloropropene	ND	H H3	4.2	ug/Kg		10/11/21 19:59	10/14/21 18:39	1
trans-1,3-Dichloropropene	ND	H H3	4.2	ug/Kg		10/11/21 19:59	10/14/21 18:39	1
1,1-Dichloropropene	ND	H H3	4.2	ug/Kg		10/11/21 19:59	10/14/21 18:39	1
Ethylbenzene	ND	H H3	4.2	ug/Kg		10/11/21 19:59	10/14/21 18:39	1
Hexachlorobutadiene	ND	H H3	4.2	ug/Kg		10/11/21 19:59	10/14/21 18:39	1
2-Hexanone	ND	H H3	8.4	ug/Kg		10/11/21 19:59	10/14/21 18:39	1
Isopropylbenzene	ND	H H3	4.2	ug/Kg		10/11/21 19:59	10/14/21 18:39	1
p-Isopropyltoluene	ND	H H3	4.2	ug/Kg		10/11/21 19:59	10/14/21 18:39	1
4-Methyl-2-pentanone (MIBK)	ND	H H3	8.4	ug/Kg		10/11/21 19:59	10/14/21 18:39	1
Methyl tert-butyl ether	ND	H H3	8.4	ug/Kg		10/11/21 19:59	10/14/21 18:39	1
Methylene Chloride	ND	H H3	8.4	ug/Kg		10/11/21 19:59	10/14/21 18:39	1
Naphthalene	ND	H H3	4.2	ug/Kg		10/11/21 19:59	10/14/21 18:39	1
N-Propylbenzene	ND	H H3	4.2	ug/Kg		10/11/21 19:59	10/14/21 18:39	1
Styrene	ND	H H3	4.2	ug/Kg		10/11/21 19:59	10/14/21 18:39	1
1,1,1,2-Tetrachloroethane	ND	H H3	4.2	ug/Kg		10/11/21 19:59	10/14/21 18:39	1
1,1,2,2-Tetrachloroethane	ND	H H3	4.2	ug/Kg		10/11/21 19:59	10/14/21 18:39	1
Tetrachloroethene	ND	H H3	4.2	ug/Kg		10/11/21 19:59	10/14/21 18:39	1
Toluene	ND	H H3	4.2	ug/Kg		10/11/21 19:59	10/14/21 18:39	1
1,2,3-Trichlorobenzene	ND	H H3	4.2	ug/Kg		10/11/21 19:59	10/14/21 18:39	1
1,2,4-Trichlorobenzene	ND	H H3	4.2	ug/Kg		10/11/21 19:59	10/14/21 18:39	1
1,1,1-Trichloroethane	ND	H H3	4.2	ug/Kg		10/11/21 19:59	10/14/21 18:39	1
1,1,2-Trichloroethane	ND	H H3	4.2	ug/Kg		10/11/21 19:59	10/14/21 18:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	H H3	8.4	ug/Kg		10/11/21 19:59	10/14/21 18:39	1
Trichloroethene	ND	H H3	4.2	ug/Kg		10/11/21 19:59	10/14/21 18:39	1
Trichlorofluoromethane	ND	H H3	4.2	ug/Kg		10/11/21 19:59	10/14/21 18:39	1
1,2,3-Trichloropropane	ND	H H3	4.2	ug/Kg		10/11/21 19:59	10/14/21 18:39	1
1,2,4-Trimethylbenzene	ND	H H3	4.2	ug/Kg		10/11/21 19:59	10/14/21 18:39	1
1,3,5-Trimethylbenzene	ND	H H3	4.2	ug/Kg		10/11/21 19:59	10/14/21 18:39	1
Vinyl acetate	ND	H H3	8.4	ug/Kg		10/11/21 19:59	10/14/21 18:39	1
Vinyl chloride	ND	H H3	4.2	ug/Kg		10/11/21 19:59	10/14/21 18:39	1
m-Xylene & p-Xylene	ND	H H3	4.2	ug/Kg		10/11/21 19:59	10/14/21 18:39	1
o-Xylene	ND	H H3	4.2	ug/Kg		10/11/21 19:59	10/14/21 18:39	1
Xylenes, Total	ND	H H3	4.2	ug/Kg		10/11/21 19:59	10/14/21 18:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		63 - 143	10/11/21 19:59	10/14/21 18:39	1
1,2-Dichloroethane-d4 (Surr)	104		32 - 156	10/11/21 19:59	10/14/21 18:39	1
Toluene-d8 (Surr)	112		63 - 138	10/11/21 19:59	10/14/21 18:39	1
Dibromofluoromethane (Surr)	106		55 - 129	10/11/21 19:59	10/14/21 18:39	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	1.0		0.97	mg/Kg		10/14/21 10:03	10/15/21 17:06	1
Motor Oil Range Organics [C28-C40]	ND		4.9	mg/Kg		10/14/21 10:03	10/15/21 17:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl (Surr)	60		51 - 111	10/14/21 10:03	10/15/21 17:06	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-1

Client Sample ID: HA-160-4-S-1.5

Lab Sample ID: 320-80148-11

Date Collected: 10/08/21 14:25

Matrix: Solid

Date Received: 10/11/21 09:25

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.50	mg/Kg		10/14/21 06:30	10/14/21 17:41	1
Arsenic	10		2.0	mg/Kg		10/14/21 06:30	10/14/21 17:41	1
Barium	73		0.99	mg/Kg		10/14/21 06:30	10/14/21 17:41	1
Beryllium	1.8		0.20	mg/Kg		10/14/21 06:30	10/14/21 17:41	1
Cadmium	ND		0.20	mg/Kg		10/14/21 06:30	10/14/21 17:41	1
Cobalt	25		0.50	mg/Kg		10/14/21 06:30	10/14/21 17:41	1
Chromium	210		0.50	mg/Kg		10/14/21 06:30	10/14/21 17:41	1
Copper	44		1.5	mg/Kg		10/14/21 06:30	10/14/21 17:41	1
Molybdenum	ND		2.0	mg/Kg		10/14/21 06:30	10/14/21 17:41	1
Nickel	280		0.99	mg/Kg		10/14/21 06:30	10/14/21 17:41	1
Lead	9.8		0.99	mg/Kg		10/14/21 06:30	10/14/21 17:41	1
Selenium	ND		2.0	mg/Kg		10/14/21 06:30	10/14/21 17:41	1
Antimony	54		2.0	mg/Kg		10/14/21 06:30	10/14/21 17:41	1
Thallium	3.2		2.0	mg/Kg		10/14/21 06:30	10/14/21 17:41	1
Vanadium	69		0.50	mg/Kg		10/14/21 06:30	10/14/21 17:41	1
Zinc	73		2.0	mg/Kg		10/14/21 06:30	10/14/21 17:41	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.043		0.043	mg/Kg		10/15/21 18:10	10/15/21 23:41	1

Client Sample ID: HA-160-4-S-4

Lab Sample ID: 320-80148-12

Date Collected: 10/08/21 14:30

Matrix: Solid

Date Received: 10/11/21 09:25

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C4-C12	ND	H H3	0.47	mg/Kg		10/11/21 19:59	10/15/21 17:02	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 131			10/11/21 19:59	10/15/21 17:02	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	H H3	19	ug/Kg		10/11/21 19:59	10/14/21 19:01	1
Benzene	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 19:01	1
Bromobenzene	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 19:01	1
Bromochloromethane	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 19:01	1
Bromodichloromethane	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 19:01	1
Bromoform	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 19:01	1
Bromomethane	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 19:01	1
2-Butanone (MEK)	ND	H H3	9.5	ug/Kg		10/11/21 19:59	10/14/21 19:01	1
n-Butylbenzene	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 19:01	1
sec-Butylbenzene	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 19:01	1
tert-Butylbenzene	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 19:01	1
Carbon disulfide	ND	H H3	9.5	ug/Kg		10/11/21 19:59	10/14/21 19:01	1
Carbon tetrachloride	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 19:01	1
Chlorobenzene	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 19:01	1
Chloroethane	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 19:01	1
Chloroform	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 19:01	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-1

Client Sample ID: HA-160-4-S-4

Lab Sample ID: 320-80148-12

Date Collected: 10/08/21 14:30

Matrix: Solid

Date Received: 10/11/21 09:25

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 19:01	1
2-Chlorotoluene	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 19:01	1
4-Chlorotoluene	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 19:01	1
1,2-Dibromo-3-Chloropropane	ND	H H3	9.5	ug/Kg		10/11/21 19:59	10/14/21 19:01	1
1,2-Dibromoethane (EDB)	ND	H H3	9.5	ug/Kg		10/11/21 19:59	10/14/21 19:01	1
Dibromochloromethane	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 19:01	1
Dibromomethane	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 19:01	1
1,2-Dichlorobenzene	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 19:01	1
1,3-Dichlorobenzene	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 19:01	1
1,4-Dichlorobenzene	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 19:01	1
Dichlorodifluoromethane	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 19:01	1
1,1-Dichloroethane	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 19:01	1
1,2-Dichloroethane	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 19:01	1
cis-1,2-Dichloroethene	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 19:01	1
trans-1,2-Dichloroethene	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 19:01	1
1,1-Dichloroethene	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 19:01	1
1,2-Dichloropropane	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 19:01	1
1,3-Dichloropropane	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 19:01	1
2,2-Dichloropropane	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 19:01	1
cis-1,3-Dichloropropene	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 19:01	1
trans-1,3-Dichloropropene	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 19:01	1
1,1-Dichloropropene	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 19:01	1
Ethylbenzene	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 19:01	1
Hexachlorobutadiene	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 19:01	1
2-Hexanone	ND	H H3	9.5	ug/Kg		10/11/21 19:59	10/14/21 19:01	1
Isopropylbenzene	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 19:01	1
p-Isopropyltoluene	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 19:01	1
4-Methyl-2-pentanone (MIBK)	ND	H H3	9.5	ug/Kg		10/11/21 19:59	10/14/21 19:01	1
Methyl tert-butyl ether	ND	H H3	9.5	ug/Kg		10/11/21 19:59	10/14/21 19:01	1
Methylene Chloride	ND	H H3	9.5	ug/Kg		10/11/21 19:59	10/14/21 19:01	1
Naphthalene	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 19:01	1
N-Propylbenzene	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 19:01	1
Styrene	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 19:01	1
1,1,1,2-Tetrachloroethane	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 19:01	1
1,1,2,2-Tetrachloroethane	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 19:01	1
Tetrachloroethene	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 19:01	1
Toluene	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 19:01	1
1,2,3-Trichlorobenzene	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 19:01	1
1,2,4-Trichlorobenzene	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 19:01	1
1,1,1-Trichloroethane	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 19:01	1
1,1,2-Trichloroethane	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 19:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	H H3	9.5	ug/Kg		10/11/21 19:59	10/14/21 19:01	1
Trichloroethene	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 19:01	1
Trichlorofluoromethane	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 19:01	1
1,2,3-Trichloropropane	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 19:01	1
1,2,4-Trimethylbenzene	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 19:01	1
1,3,5-Trimethylbenzene	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 19:01	1
Vinyl acetate	ND	H H3	9.5	ug/Kg		10/11/21 19:59	10/14/21 19:01	1
Vinyl chloride	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 19:01	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-1

Client Sample ID: HA-160-4-S-4

Lab Sample ID: 320-80148-12

Date Collected: 10/08/21 14:30

Matrix: Solid

Date Received: 10/11/21 09:25

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 19:01	1
o-Xylene	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 19:01	1
Xylenes, Total	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/14/21 19:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		63 - 143	10/11/21 19:59	10/14/21 19:01	1
1,2-Dichloroethane-d4 (Surr)	101		32 - 156	10/11/21 19:59	10/14/21 19:01	1
Toluene-d8 (Surr)	113		63 - 138	10/11/21 19:59	10/14/21 19:01	1
Dibromofluoromethane (Surr)	102		55 - 129	10/11/21 19:59	10/14/21 19:01	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		0.99	mg/Kg		10/14/21 10:03	10/15/21 17:35	1
Motor Oil Range Organics [C28-C40]	ND		4.9	mg/Kg		10/14/21 10:03	10/15/21 17:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl (Surr)	61		51 - 111	10/14/21 10:03	10/15/21 17:35	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.48	mg/Kg		10/14/21 06:30	10/14/21 17:45	1
Arsenic	3.7		1.9	mg/Kg		10/14/21 06:30	10/14/21 17:45	1
Barium	58		0.96	mg/Kg		10/14/21 06:30	10/14/21 17:45	1
Beryllium	0.63		0.19	mg/Kg		10/14/21 06:30	10/14/21 17:45	1
Cadmium	ND		0.19	mg/Kg		10/14/21 06:30	10/14/21 17:45	1
Cobalt	6.5		0.48	mg/Kg		10/14/21 06:30	10/14/21 17:45	1
Chromium	61		0.48	mg/Kg		10/14/21 06:30	10/14/21 17:45	1
Copper	7.3		1.4	mg/Kg		10/14/21 06:30	10/14/21 17:45	1
Molybdenum	ND		1.9	mg/Kg		10/14/21 06:30	10/14/21 17:45	1
Nickel	32		0.96	mg/Kg		10/14/21 06:30	10/14/21 17:45	1
Lead	5.1		0.96	mg/Kg		10/14/21 06:30	10/14/21 17:45	1
Selenium	ND		1.9	mg/Kg		10/14/21 06:30	10/14/21 17:45	1
Antimony	12		1.9	mg/Kg		10/14/21 06:30	10/14/21 17:45	1
Thallium	ND		1.9	mg/Kg		10/14/21 06:30	10/14/21 17:45	1
Vanadium	39		0.48	mg/Kg		10/14/21 06:30	10/14/21 17:45	1
Zinc	17		1.9	mg/Kg		10/14/21 06:30	10/14/21 17:45	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.094		0.044	mg/Kg		10/15/21 18:10	10/15/21 23:43	1

Client Sample ID: HA-180-1-S-2.5

Lab Sample ID: 320-80148-13

Date Collected: 10/08/21 11:15

Matrix: Solid

Date Received: 10/11/21 09:25

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C4-C12	ND	H H3	0.45	mg/Kg		10/11/21 19:59	10/15/21 17:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 131	10/11/21 19:59	10/15/21 17:24	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-1

Client Sample ID: HA-180-1-S-2.5

Lab Sample ID: 320-80148-13

Date Collected: 10/08/21 11:15

Matrix: Solid

Date Received: 10/11/21 09:25

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	H H3	16	ug/Kg		10/11/21 19:59	10/14/21 19:23	1
Benzene	ND	H H3	4.0	ug/Kg		10/11/21 19:59	10/14/21 19:23	1
Bromobenzene	ND	H H3	4.0	ug/Kg		10/11/21 19:59	10/14/21 19:23	1
Bromochloromethane	ND	H H3	4.0	ug/Kg		10/11/21 19:59	10/14/21 19:23	1
Bromodichloromethane	ND	H H3	4.0	ug/Kg		10/11/21 19:59	10/14/21 19:23	1
Bromoform	ND	H H3	4.0	ug/Kg		10/11/21 19:59	10/14/21 19:23	1
Bromomethane	ND	H H3	4.0	ug/Kg		10/11/21 19:59	10/14/21 19:23	1
2-Butanone (MEK)	ND	H H3	8.0	ug/Kg		10/11/21 19:59	10/14/21 19:23	1
n-Butylbenzene	ND	H H3	4.0	ug/Kg		10/11/21 19:59	10/14/21 19:23	1
sec-Butylbenzene	ND	H H3	4.0	ug/Kg		10/11/21 19:59	10/14/21 19:23	1
tert-Butylbenzene	ND	H H3	4.0	ug/Kg		10/11/21 19:59	10/14/21 19:23	1
Carbon disulfide	ND	H H3	8.0	ug/Kg		10/11/21 19:59	10/14/21 19:23	1
Carbon tetrachloride	ND	H H3	4.0	ug/Kg		10/11/21 19:59	10/14/21 19:23	1
Chlorobenzene	ND	H H3	4.0	ug/Kg		10/11/21 19:59	10/14/21 19:23	1
Chloroethane	ND	H H3	4.0	ug/Kg		10/11/21 19:59	10/14/21 19:23	1
Chloroform	ND	H H3	4.0	ug/Kg		10/11/21 19:59	10/14/21 19:23	1
Chloromethane	ND	H H3	4.0	ug/Kg		10/11/21 19:59	10/14/21 19:23	1
2-Chlorotoluene	ND	H H3	4.0	ug/Kg		10/11/21 19:59	10/14/21 19:23	1
4-Chlorotoluene	ND	H H3	4.0	ug/Kg		10/11/21 19:59	10/14/21 19:23	1
1,2-Dibromo-3-Chloropropane	ND	H H3	8.0	ug/Kg		10/11/21 19:59	10/14/21 19:23	1
1,2-Dibromoethane (EDB)	ND	H H3	8.0	ug/Kg		10/11/21 19:59	10/14/21 19:23	1
Dibromochloromethane	ND	H H3	4.0	ug/Kg		10/11/21 19:59	10/14/21 19:23	1
Dibromomethane	ND	H H3	4.0	ug/Kg		10/11/21 19:59	10/14/21 19:23	1
1,2-Dichlorobenzene	ND	H H3	4.0	ug/Kg		10/11/21 19:59	10/14/21 19:23	1
1,3-Dichlorobenzene	ND	H H3	4.0	ug/Kg		10/11/21 19:59	10/14/21 19:23	1
1,4-Dichlorobenzene	ND	H H3	4.0	ug/Kg		10/11/21 19:59	10/14/21 19:23	1
Dichlorodifluoromethane	ND	H H3	4.0	ug/Kg		10/11/21 19:59	10/14/21 19:23	1
1,1-Dichloroethane	ND	H H3	4.0	ug/Kg		10/11/21 19:59	10/14/21 19:23	1
1,2-Dichloroethane	ND	H H3	4.0	ug/Kg		10/11/21 19:59	10/14/21 19:23	1
cis-1,2-Dichloroethene	ND	H H3	4.0	ug/Kg		10/11/21 19:59	10/14/21 19:23	1
trans-1,2-Dichloroethene	ND	H H3	4.0	ug/Kg		10/11/21 19:59	10/14/21 19:23	1
1,1-Dichloroethene	ND	H H3	4.0	ug/Kg		10/11/21 19:59	10/14/21 19:23	1
1,2-Dichloropropane	ND	H H3	4.0	ug/Kg		10/11/21 19:59	10/14/21 19:23	1
1,3-Dichloropropane	ND	H H3	4.0	ug/Kg		10/11/21 19:59	10/14/21 19:23	1
2,2-Dichloropropane	ND	H H3	4.0	ug/Kg		10/11/21 19:59	10/14/21 19:23	1
cis-1,3-Dichloropropene	ND	H H3	4.0	ug/Kg		10/11/21 19:59	10/14/21 19:23	1
trans-1,3-Dichloropropene	ND	H H3	4.0	ug/Kg		10/11/21 19:59	10/14/21 19:23	1
1,1-Dichloropropene	ND	H H3	4.0	ug/Kg		10/11/21 19:59	10/14/21 19:23	1
Ethylbenzene	ND	H H3	4.0	ug/Kg		10/11/21 19:59	10/14/21 19:23	1
Hexachlorobutadiene	ND	H H3	4.0	ug/Kg		10/11/21 19:59	10/14/21 19:23	1
2-Hexanone	ND	H H3	8.0	ug/Kg		10/11/21 19:59	10/14/21 19:23	1
Isopropylbenzene	ND	H H3	4.0	ug/Kg		10/11/21 19:59	10/14/21 19:23	1
p-Isopropyltoluene	ND	H H3	4.0	ug/Kg		10/11/21 19:59	10/14/21 19:23	1
4-Methyl-2-pentanone (MIBK)	ND	H H3	8.0	ug/Kg		10/11/21 19:59	10/14/21 19:23	1
Methyl tert-butyl ether	ND	H H3	8.0	ug/Kg		10/11/21 19:59	10/14/21 19:23	1
Methylene Chloride	ND	H H3	8.0	ug/Kg		10/11/21 19:59	10/14/21 19:23	1
Naphthalene	ND	H H3	4.0	ug/Kg		10/11/21 19:59	10/14/21 19:23	1
N-Propylbenzene	ND	H H3	4.0	ug/Kg		10/11/21 19:59	10/14/21 19:23	1
Styrene	ND	H H3	4.0	ug/Kg		10/11/21 19:59	10/14/21 19:23	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-1

Client Sample ID: HA-180-1-S-2.5

Lab Sample ID: 320-80148-13

Date Collected: 10/08/21 11:15

Matrix: Solid

Date Received: 10/11/21 09:25

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND	H H3	4.0	ug/Kg		10/11/21 19:59	10/14/21 19:23	1
1,1,2,2-Tetrachloroethane	ND	H H3	4.0	ug/Kg		10/11/21 19:59	10/14/21 19:23	1
Tetrachloroethene	ND	H H3	4.0	ug/Kg		10/11/21 19:59	10/14/21 19:23	1
Toluene	ND	H H3	4.0	ug/Kg		10/11/21 19:59	10/14/21 19:23	1
1,2,3-Trichlorobenzene	ND	H H3	4.0	ug/Kg		10/11/21 19:59	10/14/21 19:23	1
1,2,4-Trichlorobenzene	ND	H H3	4.0	ug/Kg		10/11/21 19:59	10/14/21 19:23	1
1,1,1-Trichloroethane	ND	H H3	4.0	ug/Kg		10/11/21 19:59	10/14/21 19:23	1
1,1,2-Trichloroethane	ND	H H3	4.0	ug/Kg		10/11/21 19:59	10/14/21 19:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	H H3	8.0	ug/Kg		10/11/21 19:59	10/14/21 19:23	1
Trichloroethene	ND	H H3	4.0	ug/Kg		10/11/21 19:59	10/14/21 19:23	1
Trichlorofluoromethane	ND	H H3	4.0	ug/Kg		10/11/21 19:59	10/14/21 19:23	1
1,2,3-Trichloropropane	ND	H H3	4.0	ug/Kg		10/11/21 19:59	10/14/21 19:23	1
1,2,4-Trimethylbenzene	ND	H H3	4.0	ug/Kg		10/11/21 19:59	10/14/21 19:23	1
1,3,5-Trimethylbenzene	ND	H H3	4.0	ug/Kg		10/11/21 19:59	10/14/21 19:23	1
Vinyl acetate	ND	H H3	8.0	ug/Kg		10/11/21 19:59	10/14/21 19:23	1
Vinyl chloride	ND	H H3	4.0	ug/Kg		10/11/21 19:59	10/14/21 19:23	1
m-Xylene & p-Xylene	ND	H H3	4.0	ug/Kg		10/11/21 19:59	10/14/21 19:23	1
o-Xylene	ND	H H3	4.0	ug/Kg		10/11/21 19:59	10/14/21 19:23	1
Xylenes, Total	ND	H H3	4.0	ug/Kg		10/11/21 19:59	10/14/21 19:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		63 - 143	10/11/21 19:59	10/14/21 19:23	1
1,2-Dichloroethane-d4 (Surr)	101		32 - 156	10/11/21 19:59	10/14/21 19:23	1
Toluene-d8 (Surr)	113		63 - 138	10/11/21 19:59	10/14/21 19:23	1
Dibromofluoromethane (Surr)	104		55 - 129	10/11/21 19:59	10/14/21 19:23	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	5.4		0.99	mg/Kg		10/14/21 10:03	10/15/21 18:03	1
Motor Oil Range Organics [C28-C40]	5.0		4.9	mg/Kg		10/14/21 10:03	10/15/21 18:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl (Surr)	60		51 - 111	10/14/21 10:03	10/15/21 18:03	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.49	mg/Kg		10/14/21 06:30	10/14/21 17:49	1
Arsenic	5.8		2.0	mg/Kg		10/14/21 06:30	10/14/21 17:49	1
Barium	50		0.98	mg/Kg		10/14/21 06:30	10/14/21 17:49	1
Beryllium	0.68		0.20	mg/Kg		10/14/21 06:30	10/14/21 17:49	1
Cadmium	ND		0.20	mg/Kg		10/14/21 06:30	10/14/21 17:49	1
Cobalt	8.6		0.49	mg/Kg		10/14/21 06:30	10/14/21 17:49	1
Chromium	44		0.49	mg/Kg		10/14/21 06:30	10/14/21 17:49	1
Copper	9.1		1.5	mg/Kg		10/14/21 06:30	10/14/21 17:49	1
Molybdenum	ND		2.0	mg/Kg		10/14/21 06:30	10/14/21 17:49	1
Nickel	43		0.98	mg/Kg		10/14/21 06:30	10/14/21 17:49	1
Lead	3.7		0.98	mg/Kg		10/14/21 06:30	10/14/21 17:49	1
Selenium	ND		2.0	mg/Kg		10/14/21 06:30	10/14/21 17:49	1
Antimony	11		2.0	mg/Kg		10/14/21 06:30	10/14/21 17:49	1
Thallium	ND		2.0	mg/Kg		10/14/21 06:30	10/14/21 17:49	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-1

Client Sample ID: HA-180-1-S-2.5

Lab Sample ID: 320-80148-13

Date Collected: 10/08/21 11:15

Matrix: Solid

Date Received: 10/11/21 09:25

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Vanadium	29		0.49	mg/Kg		10/14/21 06:30	10/14/21 17:49	1
Zinc	25		2.0	mg/Kg		10/14/21 06:30	10/14/21 17:49	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.044		0.041	mg/Kg		10/15/21 18:10	10/15/21 23:45	1

Client Sample ID: HA-180-1-S-4.5

Lab Sample ID: 320-80148-14

Date Collected: 10/08/21 11:20

Matrix: Solid

Date Received: 10/11/21 09:25

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C4-C12	ND	H H3	0.51	mg/Kg		10/11/21 19:59	10/15/21 17:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 131	10/11/21 19:59	10/15/21 17:46	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	H H3	21	ug/Kg		10/11/21 19:59	10/14/21 19:45	1
Benzene	ND	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 19:45	1
Bromobenzene	ND	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 19:45	1
Bromochloromethane	ND	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 19:45	1
Bromodichloromethane	ND	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 19:45	1
Bromoform	ND	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 19:45	1
Bromomethane	ND	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 19:45	1
2-Butanone (MEK)	ND	H H3	10	ug/Kg		10/11/21 19:59	10/14/21 19:45	1
n-Butylbenzene	ND	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 19:45	1
sec-Butylbenzene	ND	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 19:45	1
tert-Butylbenzene	ND	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 19:45	1
Carbon disulfide	ND	H H3	10	ug/Kg		10/11/21 19:59	10/14/21 19:45	1
Carbon tetrachloride	ND	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 19:45	1
Chlorobenzene	ND	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 19:45	1
Chloroethane	ND	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 19:45	1
Chloroform	ND	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 19:45	1
Chloromethane	ND	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 19:45	1
2-Chlorotoluene	ND	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 19:45	1
4-Chlorotoluene	ND	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 19:45	1
1,2-Dibromo-3-Chloropropane	ND	H H3	10	ug/Kg		10/11/21 19:59	10/14/21 19:45	1
1,2-Dibromoethane (EDB)	ND	H H3	10	ug/Kg		10/11/21 19:59	10/14/21 19:45	1
Dibromochloromethane	ND	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 19:45	1
Dibromomethane	ND	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 19:45	1
1,2-Dichlorobenzene	ND	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 19:45	1
1,3-Dichlorobenzene	ND	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 19:45	1
1,4-Dichlorobenzene	ND	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 19:45	1
Dichlorodifluoromethane	ND	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 19:45	1
1,1-Dichloroethane	ND	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 19:45	1
1,2-Dichloroethane	ND	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 19:45	1
cis-1,2-Dichloroethene	ND	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 19:45	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-1

Client Sample ID: HA-180-1-S-4.5

Lab Sample ID: 320-80148-14

Date Collected: 10/08/21 11:20

Matrix: Solid

Date Received: 10/11/21 09:25

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 19:45	1
1,1-Dichloroethene	ND	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 19:45	1
1,2-Dichloropropane	ND	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 19:45	1
1,3-Dichloropropane	ND	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 19:45	1
2,2-Dichloropropane	ND	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 19:45	1
cis-1,3-Dichloropropene	ND	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 19:45	1
trans-1,3-Dichloropropene	ND	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 19:45	1
1,1-Dichloropropene	ND	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 19:45	1
Ethylbenzene	ND	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 19:45	1
Hexachlorobutadiene	ND	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 19:45	1
2-Hexanone	ND	H H3	10	ug/Kg		10/11/21 19:59	10/14/21 19:45	1
Isopropylbenzene	ND	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 19:45	1
p-Isopropyltoluene	ND	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 19:45	1
4-Methyl-2-pentanone (MIBK)	ND	H H3	10	ug/Kg		10/11/21 19:59	10/14/21 19:45	1
Methyl tert-butyl ether	ND	H H3	10	ug/Kg		10/11/21 19:59	10/14/21 19:45	1
Methylene Chloride	ND	H H3	10	ug/Kg		10/11/21 19:59	10/14/21 19:45	1
Naphthalene	ND	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 19:45	1
N-Propylbenzene	ND	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 19:45	1
Styrene	ND	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 19:45	1
1,1,1,2-Tetrachloroethane	ND	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 19:45	1
1,1,2,2-Tetrachloroethane	ND	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 19:45	1
Tetrachloroethene	ND	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 19:45	1
Toluene	ND	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 19:45	1
1,2,3-Trichlorobenzene	ND	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 19:45	1
1,2,4-Trichlorobenzene	ND	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 19:45	1
1,1,1-Trichloroethane	ND	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 19:45	1
1,1,2-Trichloroethane	ND	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 19:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	H H3	10	ug/Kg		10/11/21 19:59	10/14/21 19:45	1
Trichloroethene	14	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 19:45	1
Trichlorofluoromethane	ND	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 19:45	1
1,2,3-Trichloropropane	ND	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 19:45	1
1,2,4-Trimethylbenzene	ND	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 19:45	1
1,3,5-Trimethylbenzene	ND	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 19:45	1
Vinyl acetate	ND	H H3	10	ug/Kg		10/11/21 19:59	10/14/21 19:45	1
Vinyl chloride	ND	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 19:45	1
m-Xylene & p-Xylene	ND	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 19:45	1
o-Xylene	ND	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 19:45	1
Xylenes, Total	ND	H H3	5.1	ug/Kg		10/11/21 19:59	10/14/21 19:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		63 - 143	10/11/21 19:59	10/14/21 19:45	1
1,2-Dichloroethane-d4 (Surr)	99		32 - 156	10/11/21 19:59	10/14/21 19:45	1
Toluene-d8 (Surr)	112		63 - 138	10/11/21 19:59	10/14/21 19:45	1
Dibromofluoromethane (Surr)	104		55 - 129	10/11/21 19:59	10/14/21 19:45	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	3.1		0.98	mg/Kg		10/14/21 10:03	10/15/21 18:32	1
Motor Oil Range Organics [C28-C40]	13		4.9	mg/Kg		10/14/21 10:03	10/15/21 18:32	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-1

Client Sample ID: HA-180-1-S-4.5

Lab Sample ID: 320-80148-14

Date Collected: 10/08/21 11:20

Matrix: Solid

Date Received: 10/11/21 09:25

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl (Surr)	63		51 - 111	10/14/21 10:03	10/15/21 18:32	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.48	mg/Kg		10/14/21 06:30	10/14/21 17:53	1
Arsenic	3.4		1.9	mg/Kg		10/14/21 06:30	10/14/21 17:53	1
Barium	87		0.95	mg/Kg		10/14/21 06:30	10/14/21 17:53	1
Beryllium	1.3		0.19	mg/Kg		10/14/21 06:30	10/14/21 17:53	1
Cadmium	ND		0.19	mg/Kg		10/14/21 06:30	10/14/21 17:53	1
Cobalt	17		0.48	mg/Kg		10/14/21 06:30	10/14/21 17:53	1
Chromium	77		0.48	mg/Kg		10/14/21 06:30	10/14/21 17:53	1
Copper	32		1.4	mg/Kg		10/14/21 06:30	10/14/21 17:53	1
Molybdenum	ND		1.9	mg/Kg		10/14/21 06:30	10/14/21 17:53	1
Nickel	77		0.95	mg/Kg		10/14/21 06:30	10/14/21 17:53	1
Lead	5.8		0.95	mg/Kg		10/14/21 06:30	10/14/21 17:53	1
Selenium	ND		1.9	mg/Kg		10/14/21 06:30	10/14/21 17:53	1
Antimony	40		1.9	mg/Kg		10/14/21 06:30	10/14/21 17:53	1
Thallium	2.9		1.9	mg/Kg		10/14/21 06:30	10/14/21 17:53	1
Vanadium	83		0.48	mg/Kg		10/14/21 06:30	10/14/21 17:53	1
Zinc	46		1.9	mg/Kg		10/14/21 06:30	10/14/21 17:53	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.053		0.039	mg/Kg		10/15/21 18:10	10/15/21 23:47	1

Client Sample ID: HA-180-1-S-13

Lab Sample ID: 320-80148-15

Date Collected: 10/08/21 11:00

Matrix: Solid

Date Received: 10/11/21 09:25

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C4-C12	ND	H H3	0.56	mg/Kg		10/11/21 19:59	10/15/21 18:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 131	10/11/21 19:59	10/15/21 18:09	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	220	H H3	30	ug/Kg		10/11/21 19:59	10/14/21 20:07	1
Benzene	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 20:07	1
Bromobenzene	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 20:07	1
Bromochloromethane	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 20:07	1
Bromodichloromethane	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 20:07	1
Bromoform	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 20:07	1
Bromomethane	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 20:07	1
2-Butanone (MEK)	51	H H3	15	ug/Kg		10/11/21 19:59	10/14/21 20:07	1
n-Butylbenzene	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 20:07	1
sec-Butylbenzene	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 20:07	1
tert-Butylbenzene	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 20:07	1
Carbon disulfide	ND	H H3	15	ug/Kg		10/11/21 19:59	10/14/21 20:07	1
Carbon tetrachloride	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 20:07	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-1

Client Sample ID: HA-180-1-S-13

Lab Sample ID: 320-80148-15

Date Collected: 10/08/21 11:00

Matrix: Solid

Date Received: 10/11/21 09:25

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 20:07	1
Chloroethane	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 20:07	1
Chloroform	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 20:07	1
Chloromethane	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 20:07	1
2-Chlorotoluene	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 20:07	1
4-Chlorotoluene	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 20:07	1
1,2-Dibromo-3-Chloropropane	ND	H H3	15	ug/Kg		10/11/21 19:59	10/14/21 20:07	1
1,2-Dibromoethane (EDB)	ND	H H3	15	ug/Kg		10/11/21 19:59	10/14/21 20:07	1
Dibromochloromethane	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 20:07	1
Dibromomethane	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 20:07	1
1,2-Dichlorobenzene	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 20:07	1
1,3-Dichlorobenzene	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 20:07	1
1,4-Dichlorobenzene	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 20:07	1
Dichlorodifluoromethane	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 20:07	1
1,1-Dichloroethane	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 20:07	1
1,2-Dichloroethane	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 20:07	1
cis-1,2-Dichloroethene	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 20:07	1
trans-1,2-Dichloroethene	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 20:07	1
1,1-Dichloroethene	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 20:07	1
1,2-Dichloropropane	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 20:07	1
1,3-Dichloropropane	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 20:07	1
2,2-Dichloropropane	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 20:07	1
cis-1,3-Dichloropropene	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 20:07	1
trans-1,3-Dichloropropene	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 20:07	1
1,1-Dichloropropene	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 20:07	1
Ethylbenzene	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 20:07	1
Hexachlorobutadiene	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 20:07	1
2-Hexanone	ND	H H3	15	ug/Kg		10/11/21 19:59	10/14/21 20:07	1
Isopropylbenzene	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 20:07	1
p-Isopropyltoluene	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 20:07	1
4-Methyl-2-pentanone (MIBK)	ND	H H3	15	ug/Kg		10/11/21 19:59	10/14/21 20:07	1
Methyl tert-butyl ether	ND	H H3	15	ug/Kg		10/11/21 19:59	10/14/21 20:07	1
Methylene Chloride	ND	H H3	15	ug/Kg		10/11/21 19:59	10/14/21 20:07	1
Naphthalene	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 20:07	1
N-Propylbenzene	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 20:07	1
Styrene	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 20:07	1
1,1,1,2-Tetrachloroethane	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 20:07	1
1,1,2,2-Tetrachloroethane	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 20:07	1
Tetrachloroethene	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 20:07	1
Toluene	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 20:07	1
1,2,3-Trichlorobenzene	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 20:07	1
1,2,4-Trichlorobenzene	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 20:07	1
1,1,1-Trichloroethane	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 20:07	1
1,1,2-Trichloroethane	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 20:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	H H3	15	ug/Kg		10/11/21 19:59	10/14/21 20:07	1
Trichloroethene	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 20:07	1
Trichlorofluoromethane	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 20:07	1
1,2,3-Trichloropropane	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 20:07	1
1,2,4-Trimethylbenzene	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 20:07	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-1

Client Sample ID: HA-180-1-S-13

Lab Sample ID: 320-80148-15

Date Collected: 10/08/21 11:00

Matrix: Solid

Date Received: 10/11/21 09:25

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 20:07	1
Vinyl acetate	ND	H H3	15	ug/Kg		10/11/21 19:59	10/14/21 20:07	1
Vinyl chloride	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 20:07	1
m-Xylene & p-Xylene	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 20:07	1
o-Xylene	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 20:07	1
Xylenes, Total	ND	H H3	7.6	ug/Kg		10/11/21 19:59	10/14/21 20:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		63 - 143	10/11/21 19:59	10/14/21 20:07	1
1,2-Dichloroethane-d4 (Surr)	98		32 - 156	10/11/21 19:59	10/14/21 20:07	1
Toluene-d8 (Surr)	110		63 - 138	10/11/21 19:59	10/14/21 20:07	1
Dibromofluoromethane (Surr)	105		55 - 129	10/11/21 19:59	10/14/21 20:07	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		0.99	mg/Kg		10/14/21 10:03	10/15/21 19:01	1
Motor Oil Range Organics [C28-C40]	ND		4.9	mg/Kg		10/14/21 10:03	10/15/21 19:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl (Surr)	40	S1-	51 - 111	10/14/21 10:03	10/15/21 19:01	1

Client Sample ID: HA-180-2-S-2.5

Lab Sample ID: 320-80148-16

Date Collected: 10/08/21 11:55

Matrix: Solid

Date Received: 10/11/21 09:25

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C4-C12	ND	H H3	0.47	mg/Kg		10/11/21 19:59	10/15/21 13:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 131	10/11/21 19:59	10/15/21 13:52	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	H H3	19	ug/Kg		10/11/21 19:59	10/15/21 13:52	1
Benzene	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/15/21 13:52	1
Bromobenzene	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/15/21 13:52	1
Bromochloromethane	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/15/21 13:52	1
Bromodichloromethane	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/15/21 13:52	1
Bromoform	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/15/21 13:52	1
Bromomethane	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/15/21 13:52	1
2-Butanone (MEK)	ND	H H3	9.4	ug/Kg		10/11/21 19:59	10/15/21 13:52	1
n-Butylbenzene	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/15/21 13:52	1
sec-Butylbenzene	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/15/21 13:52	1
tert-Butylbenzene	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/15/21 13:52	1
Carbon disulfide	ND	H H3	9.4	ug/Kg		10/11/21 19:59	10/15/21 13:52	1
Carbon tetrachloride	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/15/21 13:52	1
Chlorobenzene	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/15/21 13:52	1
Chloroethane	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/15/21 13:52	1
Chloroform	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/15/21 13:52	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-1

Client Sample ID: HA-180-2-S-2.5

Lab Sample ID: 320-80148-16

Date Collected: 10/08/21 11:55

Matrix: Solid

Date Received: 10/11/21 09:25

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/15/21 13:52	1
2-Chlorotoluene	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/15/21 13:52	1
4-Chlorotoluene	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/15/21 13:52	1
1,2-Dibromo-3-Chloropropane	ND	H H3	9.4	ug/Kg		10/11/21 19:59	10/15/21 13:52	1
1,2-Dibromoethane (EDB)	ND	H H3	9.4	ug/Kg		10/11/21 19:59	10/15/21 13:52	1
Dibromochloromethane	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/15/21 13:52	1
Dibromomethane	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/15/21 13:52	1
1,2-Dichlorobenzene	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/15/21 13:52	1
1,3-Dichlorobenzene	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/15/21 13:52	1
1,4-Dichlorobenzene	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/15/21 13:52	1
Dichlorodifluoromethane	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/15/21 13:52	1
1,1-Dichloroethane	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/15/21 13:52	1
1,2-Dichloroethane	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/15/21 13:52	1
cis-1,2-Dichloroethene	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/15/21 13:52	1
trans-1,2-Dichloroethene	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/15/21 13:52	1
1,1-Dichloroethene	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/15/21 13:52	1
1,2-Dichloropropane	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/15/21 13:52	1
1,3-Dichloropropane	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/15/21 13:52	1
2,2-Dichloropropane	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/15/21 13:52	1
cis-1,3-Dichloropropene	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/15/21 13:52	1
trans-1,3-Dichloropropene	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/15/21 13:52	1
1,1-Dichloropropene	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/15/21 13:52	1
Ethylbenzene	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/15/21 13:52	1
Hexachlorobutadiene	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/15/21 13:52	1
2-Hexanone	ND	H H3	9.4	ug/Kg		10/11/21 19:59	10/15/21 13:52	1
Isopropylbenzene	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/15/21 13:52	1
p-Isopropyltoluene	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/15/21 13:52	1
4-Methyl-2-pentanone (MIBK)	ND	H H3	9.4	ug/Kg		10/11/21 19:59	10/15/21 13:52	1
Methyl tert-butyl ether	ND	H H3	9.4	ug/Kg		10/11/21 19:59	10/15/21 13:52	1
Methylene Chloride	ND	H H3	9.4	ug/Kg		10/11/21 19:59	10/15/21 13:52	1
Naphthalene	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/15/21 13:52	1
N-Propylbenzene	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/15/21 13:52	1
Styrene	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/15/21 13:52	1
1,1,1,2-Tetrachloroethane	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/15/21 13:52	1
1,1,2,2-Tetrachloroethane	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/15/21 13:52	1
Tetrachloroethene	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/15/21 13:52	1
Toluene	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/15/21 13:52	1
1,2,3-Trichlorobenzene	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/15/21 13:52	1
1,2,4-Trichlorobenzene	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/15/21 13:52	1
1,1,1-Trichloroethane	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/15/21 13:52	1
1,1,2-Trichloroethane	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/15/21 13:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	H H3	9.4	ug/Kg		10/11/21 19:59	10/15/21 13:52	1
Trichloroethene	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/15/21 13:52	1
Trichlorofluoromethane	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/15/21 13:52	1
1,2,3-Trichloropropane	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/15/21 13:52	1
1,2,4-Trimethylbenzene	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/15/21 13:52	1
1,3,5-Trimethylbenzene	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/15/21 13:52	1
Vinyl acetate	ND	H H3	9.4	ug/Kg		10/11/21 19:59	10/15/21 13:52	1
Vinyl chloride	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/15/21 13:52	1

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Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-1

Client Sample ID: HA-180-2-S-2.5

Lab Sample ID: 320-80148-16

Date Collected: 10/08/21 11:55

Matrix: Solid

Date Received: 10/11/21 09:25

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/15/21 13:52	1
o-Xylene	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/15/21 13:52	1
Xylenes, Total	ND	H H3	4.7	ug/Kg		10/11/21 19:59	10/15/21 13:52	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		63 - 143			10/11/21 19:59	10/15/21 13:52	1
1,2-Dichloroethane-d4 (Surr)	92		32 - 156			10/11/21 19:59	10/15/21 13:52	1
Toluene-d8 (Surr)	99		63 - 138			10/11/21 19:59	10/15/21 13:52	1
Dibromofluoromethane (Surr)	97		55 - 129			10/11/21 19:59	10/15/21 13:52	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		1.0	mg/Kg		10/14/21 10:03	10/15/21 19:29	1
Motor Oil Range Organics [C28-C40]	ND		5.0	mg/Kg		10/14/21 10:03	10/15/21 19:29	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
o-Terphenyl (Surr)	60		51 - 111			10/14/21 10:03	10/15/21 19:29	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.52	mg/Kg		10/14/21 06:30	10/14/21 17:57	1
Arsenic	4.3		2.1	mg/Kg		10/14/21 06:30	10/14/21 17:57	1
Barium	47		1.0	mg/Kg		10/14/21 06:30	10/14/21 17:57	1
Beryllium	0.62		0.21	mg/Kg		10/14/21 06:30	10/14/21 17:57	1
Cadmium	ND		0.21	mg/Kg		10/14/21 06:30	10/14/21 17:57	1
Cobalt	5.5		0.52	mg/Kg		10/14/21 06:30	10/14/21 17:57	1
Chromium	38		0.52	mg/Kg		10/14/21 06:30	10/14/21 17:57	1
Copper	7.3		1.6	mg/Kg		10/14/21 06:30	10/14/21 17:57	1
Molybdenum	ND		2.1	mg/Kg		10/14/21 06:30	10/14/21 17:57	1
Nickel	40		1.0	mg/Kg		10/14/21 06:30	10/14/21 17:57	1
Lead	2.9		1.0	mg/Kg		10/14/21 06:30	10/14/21 17:57	1
Selenium	ND		2.1	mg/Kg		10/14/21 06:30	10/14/21 17:57	1
Antimony	12		2.1	mg/Kg		10/14/21 06:30	10/14/21 17:57	1
Thallium	ND		2.1	mg/Kg		10/14/21 06:30	10/14/21 17:57	1
Vanadium	26		0.52	mg/Kg		10/14/21 06:30	10/14/21 17:57	1
Zinc	21		2.1	mg/Kg		10/14/21 06:30	10/14/21 17:57	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.046		0.040	mg/Kg		10/15/21 18:10	10/15/21 23:52	1

Client Sample ID: HA-180-2-S-4.5

Lab Sample ID: 320-80148-17

Date Collected: 10/08/21 12:00

Matrix: Solid

Date Received: 10/11/21 09:25

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C4-C12	ND	H H3	0.73	mg/Kg		10/11/21 19:59	10/15/21 14:14	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 131			10/11/21 19:59	10/15/21 14:14	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-1

Client Sample ID: HA-180-2-S-4.5

Lab Sample ID: 320-80148-17

Date Collected: 10/08/21 12:00

Matrix: Solid

Date Received: 10/11/21 09:25

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	H H3	29	ug/Kg		10/11/21 19:59	10/15/21 14:14	1
Benzene	ND	H H3	7.3	ug/Kg		10/11/21 19:59	10/15/21 14:14	1
Bromobenzene	ND	H H3	7.3	ug/Kg		10/11/21 19:59	10/15/21 14:14	1
Bromochloromethane	ND	H H3	7.3	ug/Kg		10/11/21 19:59	10/15/21 14:14	1
Bromodichloromethane	ND	H H3	7.3	ug/Kg		10/11/21 19:59	10/15/21 14:14	1
Bromoform	ND	H H3	7.3	ug/Kg		10/11/21 19:59	10/15/21 14:14	1
Bromomethane	ND	H H3	7.3	ug/Kg		10/11/21 19:59	10/15/21 14:14	1
2-Butanone (MEK)	ND	H H3	15	ug/Kg		10/11/21 19:59	10/15/21 14:14	1
n-Butylbenzene	ND	H H3	7.3	ug/Kg		10/11/21 19:59	10/15/21 14:14	1
sec-Butylbenzene	ND	H H3	7.3	ug/Kg		10/11/21 19:59	10/15/21 14:14	1
tert-Butylbenzene	ND	H H3	7.3	ug/Kg		10/11/21 19:59	10/15/21 14:14	1
Carbon disulfide	ND	H H3	15	ug/Kg		10/11/21 19:59	10/15/21 14:14	1
Carbon tetrachloride	ND	H H3	7.3	ug/Kg		10/11/21 19:59	10/15/21 14:14	1
Chlorobenzene	ND	H H3	7.3	ug/Kg		10/11/21 19:59	10/15/21 14:14	1
Chloroethane	ND	H H3	7.3	ug/Kg		10/11/21 19:59	10/15/21 14:14	1
Chloroform	ND	H H3	7.3	ug/Kg		10/11/21 19:59	10/15/21 14:14	1
Chloromethane	ND	H H3	7.3	ug/Kg		10/11/21 19:59	10/15/21 14:14	1
2-Chlorotoluene	ND	H H3	7.3	ug/Kg		10/11/21 19:59	10/15/21 14:14	1
4-Chlorotoluene	ND	H H3	7.3	ug/Kg		10/11/21 19:59	10/15/21 14:14	1
1,2-Dibromo-3-Chloropropane	ND	H H3	15	ug/Kg		10/11/21 19:59	10/15/21 14:14	1
1,2-Dibromoethane (EDB)	ND	H H3	15	ug/Kg		10/11/21 19:59	10/15/21 14:14	1
Dibromochloromethane	ND	H H3	7.3	ug/Kg		10/11/21 19:59	10/15/21 14:14	1
Dibromomethane	ND	H H3	7.3	ug/Kg		10/11/21 19:59	10/15/21 14:14	1
1,2-Dichlorobenzene	ND	H H3	7.3	ug/Kg		10/11/21 19:59	10/15/21 14:14	1
1,3-Dichlorobenzene	ND	H H3	7.3	ug/Kg		10/11/21 19:59	10/15/21 14:14	1
1,4-Dichlorobenzene	ND	H H3	7.3	ug/Kg		10/11/21 19:59	10/15/21 14:14	1
Dichlorodifluoromethane	ND	H H3	7.3	ug/Kg		10/11/21 19:59	10/15/21 14:14	1
1,1-Dichloroethane	ND	H H3	7.3	ug/Kg		10/11/21 19:59	10/15/21 14:14	1
1,2-Dichloroethane	ND	H H3	7.3	ug/Kg		10/11/21 19:59	10/15/21 14:14	1
cis-1,2-Dichloroethene	ND	H H3	7.3	ug/Kg		10/11/21 19:59	10/15/21 14:14	1
trans-1,2-Dichloroethene	ND	H H3	7.3	ug/Kg		10/11/21 19:59	10/15/21 14:14	1
1,1-Dichloroethene	ND	H H3	7.3	ug/Kg		10/11/21 19:59	10/15/21 14:14	1
1,2-Dichloropropane	ND	H H3	7.3	ug/Kg		10/11/21 19:59	10/15/21 14:14	1
1,3-Dichloropropane	ND	H H3	7.3	ug/Kg		10/11/21 19:59	10/15/21 14:14	1
2,2-Dichloropropane	ND	H H3	7.3	ug/Kg		10/11/21 19:59	10/15/21 14:14	1
cis-1,3-Dichloropropene	ND	H H3	7.3	ug/Kg		10/11/21 19:59	10/15/21 14:14	1
trans-1,3-Dichloropropene	ND	H H3	7.3	ug/Kg		10/11/21 19:59	10/15/21 14:14	1
1,1-Dichloropropene	ND	H H3	7.3	ug/Kg		10/11/21 19:59	10/15/21 14:14	1
Ethylbenzene	ND	H H3	7.3	ug/Kg		10/11/21 19:59	10/15/21 14:14	1
Hexachlorobutadiene	ND	H H3	7.3	ug/Kg		10/11/21 19:59	10/15/21 14:14	1
2-Hexanone	ND	H H3	15	ug/Kg		10/11/21 19:59	10/15/21 14:14	1
Isopropylbenzene	ND	H H3	7.3	ug/Kg		10/11/21 19:59	10/15/21 14:14	1
p-Isopropyltoluene	ND	H H3	7.3	ug/Kg		10/11/21 19:59	10/15/21 14:14	1
4-Methyl-2-pentanone (MIBK)	ND	H H3	15	ug/Kg		10/11/21 19:59	10/15/21 14:14	1
Methyl tert-butyl ether	ND	H H3	15	ug/Kg		10/11/21 19:59	10/15/21 14:14	1
Methylene Chloride	ND	H H3	15	ug/Kg		10/11/21 19:59	10/15/21 14:14	1
Naphthalene	ND	H H3	7.3	ug/Kg		10/11/21 19:59	10/15/21 14:14	1
N-Propylbenzene	ND	H H3	7.3	ug/Kg		10/11/21 19:59	10/15/21 14:14	1
Styrene	ND	H H3	7.3	ug/Kg		10/11/21 19:59	10/15/21 14:14	1

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Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-1

Client Sample ID: HA-180-2-S-4.5

Lab Sample ID: 320-80148-17

Date Collected: 10/08/21 12:00

Matrix: Solid

Date Received: 10/11/21 09:25

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND	H H3	7.3	ug/Kg		10/11/21 19:59	10/15/21 14:14	1
1,1,2,2-Tetrachloroethane	ND	H H3	7.3	ug/Kg		10/11/21 19:59	10/15/21 14:14	1
Tetrachloroethene	ND	H H3	7.3	ug/Kg		10/11/21 19:59	10/15/21 14:14	1
Toluene	ND	H H3	7.3	ug/Kg		10/11/21 19:59	10/15/21 14:14	1
1,2,3-Trichlorobenzene	ND	H H3	7.3	ug/Kg		10/11/21 19:59	10/15/21 14:14	1
1,2,4-Trichlorobenzene	ND	H H3	7.3	ug/Kg		10/11/21 19:59	10/15/21 14:14	1
1,1,1-Trichloroethane	ND	H H3	7.3	ug/Kg		10/11/21 19:59	10/15/21 14:14	1
1,1,2-Trichloroethane	ND	H H3	7.3	ug/Kg		10/11/21 19:59	10/15/21 14:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	H H3	15	ug/Kg		10/11/21 19:59	10/15/21 14:14	1
Trichloroethene	18	H H3	7.3	ug/Kg		10/11/21 19:59	10/15/21 14:14	1
Trichlorofluoromethane	ND	H H3	7.3	ug/Kg		10/11/21 19:59	10/15/21 14:14	1
1,2,3-Trichloropropane	ND	H H3	7.3	ug/Kg		10/11/21 19:59	10/15/21 14:14	1
1,2,4-Trimethylbenzene	ND	H H3	7.3	ug/Kg		10/11/21 19:59	10/15/21 14:14	1
1,3,5-Trimethylbenzene	ND	H H3	7.3	ug/Kg		10/11/21 19:59	10/15/21 14:14	1
Vinyl acetate	ND	H H3	15	ug/Kg		10/11/21 19:59	10/15/21 14:14	1
Vinyl chloride	ND	H H3	7.3	ug/Kg		10/11/21 19:59	10/15/21 14:14	1
m-Xylene & p-Xylene	ND	H H3	7.3	ug/Kg		10/11/21 19:59	10/15/21 14:14	1
o-Xylene	ND	H H3	7.3	ug/Kg		10/11/21 19:59	10/15/21 14:14	1
Xylenes, Total	ND	H H3	7.3	ug/Kg		10/11/21 19:59	10/15/21 14:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		63 - 143	10/11/21 19:59	10/15/21 14:14	1
1,2-Dichloroethane-d4 (Surr)	89		32 - 156	10/11/21 19:59	10/15/21 14:14	1
Toluene-d8 (Surr)	95		63 - 138	10/11/21 19:59	10/15/21 14:14	1
Dibromofluoromethane (Surr)	95		55 - 129	10/11/21 19:59	10/15/21 14:14	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	1.1		0.98	mg/Kg		10/14/21 10:03	10/15/21 19:58	1
Motor Oil Range Organics [C28-C40]	ND		4.9	mg/Kg		10/14/21 10:03	10/15/21 19:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl (Surr)	59		51 - 111	10/14/21 10:03	10/15/21 19:58	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.50	mg/Kg		10/14/21 06:30	10/14/21 18:00	1
Arsenic	3.5		2.0	mg/Kg		10/14/21 06:30	10/14/21 18:00	1
Barium	110		0.99	mg/Kg		10/14/21 06:30	10/14/21 18:00	1
Beryllium	1.6		0.20	mg/Kg		10/14/21 06:30	10/14/21 18:00	1
Cadmium	ND		0.20	mg/Kg		10/14/21 06:30	10/14/21 18:00	1
Cobalt	21		0.50	mg/Kg		10/14/21 06:30	10/14/21 18:00	1
Chromium	81		0.50	mg/Kg		10/14/21 06:30	10/14/21 18:00	1
Copper	31		1.5	mg/Kg		10/14/21 06:30	10/14/21 18:00	1
Molybdenum	ND		2.0	mg/Kg		10/14/21 06:30	10/14/21 18:00	1
Nickel	78		0.99	mg/Kg		10/14/21 06:30	10/14/21 18:00	1
Lead	8.0		0.99	mg/Kg		10/14/21 06:30	10/14/21 18:00	1
Selenium	ND		2.0	mg/Kg		10/14/21 06:30	10/14/21 18:00	1
Antimony	46		2.0	mg/Kg		10/14/21 06:30	10/14/21 18:00	1
Thallium	4.1		2.0	mg/Kg		10/14/21 06:30	10/14/21 18:00	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-1

Client Sample ID: HA-180-2-S-4.5

Lab Sample ID: 320-80148-17

Date Collected: 10/08/21 12:00

Matrix: Solid

Date Received: 10/11/21 09:25

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Vanadium	110		0.50	mg/Kg		10/14/21 06:30	10/14/21 18:00	1
Zinc	54		2.0	mg/Kg		10/14/21 06:30	10/14/21 18:00	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.057		0.044	mg/Kg		10/15/21 18:10	10/15/21 23:54	1

Client Sample ID: HA-180-1-W

Lab Sample ID: 320-80148-18

Date Collected: 10/08/21 15:20

Matrix: Water

Date Received: 10/11/21 09:25

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		50	ug/L			10/20/21 15:58	5
Benzene	ND		2.5	ug/L			10/20/21 15:58	5
Bromobenzene	ND		5.0	ug/L			10/20/21 15:58	5
Bromochloromethane	ND		5.0	ug/L			10/20/21 15:58	5
Bromodichloromethane	ND		2.5	ug/L			10/20/21 15:58	5
Bromoform	ND		5.0	ug/L			10/20/21 15:58	5
Bromomethane	ND		5.0	ug/L			10/20/21 15:58	5
n-Butylbenzene	ND		5.0	ug/L			10/20/21 15:58	5
2-Butanone (MEK)	ND		10	ug/L			10/20/21 15:58	5
sec-Butylbenzene	ND		5.0	ug/L			10/20/21 15:58	5
tert-Butylbenzene	ND		5.0	ug/L			10/20/21 15:58	5
Carbon tetrachloride	ND		2.5	ug/L			10/20/21 15:58	5
Chlorobenzene	ND		2.5	ug/L			10/20/21 15:58	5
Carbon disulfide	ND		10	ug/L			10/20/21 15:58	5
Chloroethane	ND		5.0	ug/L			10/20/21 15:58	5
Chloroform	ND		5.0	ug/L			10/20/21 15:58	5
Chloromethane	ND		5.0	ug/L			10/20/21 15:58	5
2-Chlorotoluene	ND		2.5	ug/L			10/20/21 15:58	5
4-Chlorotoluene	ND		2.5	ug/L			10/20/21 15:58	5
1,2-Dibromo-3-Chloropropane	ND		5.0	ug/L			10/20/21 15:58	5
1,2-Dibromoethane (EDB)	ND		2.5	ug/L			10/20/21 15:58	5
Dibromomethane	ND		2.5	ug/L			10/20/21 15:58	5
1,2-Dichlorobenzene	ND		2.5	ug/L			10/20/21 15:58	5
1,3-Dichlorobenzene	ND		2.5	ug/L			10/20/21 15:58	5
1,4-Dichlorobenzene	ND		2.5	ug/L			10/20/21 15:58	5
Dibromochloromethane	ND		2.5	ug/L			10/20/21 15:58	5
Dichlorodifluoromethane	ND		5.0	ug/L			10/20/21 15:58	5
1,1-Dichloroethane	ND		2.5	ug/L			10/20/21 15:58	5
1,2-Dichloroethane	ND		2.5	ug/L			10/20/21 15:58	5
cis-1,2-Dichloroethene	ND		2.5	ug/L			10/20/21 15:58	5
trans-1,2-Dichloroethene	ND		2.5	ug/L			10/20/21 15:58	5
1,1-Dichloroethene	ND		2.5	ug/L			10/20/21 15:58	5
1,2-Dichloropropane	ND		2.5	ug/L			10/20/21 15:58	5
1,3-Dichloropropane	ND		5.0	ug/L			10/20/21 15:58	5
2,2-Dichloropropane	ND		5.0	ug/L			10/20/21 15:58	5
cis-1,3-Dichloropropene	ND		2.5	ug/L			10/20/21 15:58	5
trans-1,3-Dichloropropene	ND		2.5	ug/L			10/20/21 15:58	5

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-1

Client Sample ID: HA-180-1-W

Lab Sample ID: 320-80148-18

Date Collected: 10/08/21 15:20

Matrix: Water

Date Received: 10/11/21 09:25

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloropropene	ND		2.5	ug/L			10/20/21 15:58	5
Ethylbenzene	ND		2.5	ug/L			10/20/21 15:58	5
Hexachlorobutadiene	ND		5.0	ug/L			10/20/21 15:58	5
Isopropylbenzene	ND		2.5	ug/L			10/20/21 15:58	5
p-Isopropyltoluene	ND		5.0	ug/L			10/20/21 15:58	5
Methylene Chloride	ND		5.0	ug/L			10/20/21 15:58	5
Naphthalene	ND		5.0	ug/L			10/20/21 15:58	5
2-Hexanone	ND		10	ug/L			10/20/21 15:58	5
N-Propylbenzene	ND		5.0	ug/L			10/20/21 15:58	5
Styrene	ND		2.5	ug/L			10/20/21 15:58	5
1,1,1,2-Tetrachloroethane	ND		2.5	ug/L			10/20/21 15:58	5
1,1,2,2-Tetrachloroethane	ND		2.5	ug/L			10/20/21 15:58	5
4-Methyl-2-pentanone (MIBK)	ND		10	ug/L			10/20/21 15:58	5
Tetrachloroethene	ND		2.5	ug/L			10/20/21 15:58	5
Toluene	ND		2.5	ug/L			10/20/21 15:58	5
1,2,3-Trichlorobenzene	ND		5.0	ug/L			10/20/21 15:58	5
1,2,4-Trichlorobenzene	ND		5.0	ug/L			10/20/21 15:58	5
1,1,1-Trichloroethane	ND		2.5	ug/L			10/20/21 15:58	5
1,1,2-Trichloroethane	ND		2.5	ug/L			10/20/21 15:58	5
Trichloroethene	5.6		2.5	ug/L			10/20/21 15:58	5
Trichlorofluoromethane	ND		5.0	ug/L			10/20/21 15:58	5
1,2,3-Trichloropropane	ND		5.0	ug/L			10/20/21 15:58	5
1,2,4-Trimethylbenzene	ND		5.0	ug/L			10/20/21 15:58	5
1,3,5-Trimethylbenzene	ND		2.5	ug/L			10/20/21 15:58	5
Vinyl chloride	ND		2.5	ug/L			10/20/21 15:58	5
m-Xylene & p-Xylene	ND		2.5	ug/L			10/20/21 15:58	5
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.5	ug/L			10/20/21 15:58	5
o-Xylene	ND		2.5	ug/L			10/20/21 15:58	5
Vinyl acetate	ND		10	ug/L			10/20/21 15:58	5
Xylenes, Total	ND		2.5	ug/L			10/20/21 15:58	5
Methyl tert-butyl ether	ND		2.5	ug/L			10/20/21 15:58	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		74 - 120		10/20/21 15:58	5
1,2-Dichloroethane-d4 (Surr)	91		72 - 123		10/20/21 15:58	5
Toluene-d8 (Surr)	99		78 - 120		10/20/21 15:58	5
Dibromofluoromethane (Surr)	97		80 - 123		10/20/21 15:58	5

Surrogate Summary

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-1

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 (63-143)	DCA (32-156)	TOL (63-138)	DBFM (55-129)
320-80148-1	HA-160-1-S-1.5	103	104	115	104
320-80148-2	HA-160-1-S-4	106	106	114	104
320-80148-3	HA-160-1-S-10.5	109	100	113	101
320-80148-5	HA-160-2-S-2.5	98	94	100	101
320-80148-6	HA-160-2-S-4.5	104	105	114	104
320-80148-7	HA-160-3-S-1.5	103	101	112	102
320-80148-8	HA-160-3-S-4	103	105	113	104
320-80148-9	HA-160-3-S-10	104	100	112	105
320-80148-11	HA-160-4-S-1.5	99	104	112	106
320-80148-12	HA-160-4-S-4	103	101	113	102
320-80148-13	HA-180-1-S-2.5	105	101	113	104
320-80148-14	HA-180-1-S-4.5	100	99	112	104
320-80148-15	HA-180-1-S-13	96	98	110	105
320-80148-16	HA-180-2-S-2.5	99	92	99	97
320-80148-17	HA-180-2-S-4.5	97	89	95	95
LCS 320-534010/7	Lab Control Sample	103	92	102	95
LCS 320-534014/7	Lab Control Sample	109	98	114	96
LCS 320-534221/7	Lab Control Sample	98	95	103	99
LCSD 320-534010/8	Lab Control Sample Dup	102	91	99	92
LCSD 320-534014/8	Lab Control Sample Dup	112	98	119	100
LCSD 320-534221/8	Lab Control Sample Dup	101	89	101	94
MB 320-534010/10	Method Blank	99	90	98	93
MB 320-534014/10	Method Blank	107	102	115	103
MB 320-534221/10	Method Blank	99	89	96	97

Surrogate Legend

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

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		BFB (74-120)	DCA (72-123)	TOL (78-120)	DBFM (80-123)
320-80148-4	HA-160-1-W	91	83	97	92
320-80148-10	HA-160-3-W	94	87	96	93
320-80148-18	HA-180-1-W	92	91	99	97
LCS 320-535612/6	Lab Control Sample	91	86	99	97
LCSD 320-535612/7	Lab Control Sample Dup	93	78	101	92
MB 320-535612/11	Method Blank	92	92	99	99

Surrogate Legend

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

Surrogate Summary

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-1

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)		
Lab Sample ID	Client Sample ID	BFB (70-131)
320-80148-1	HA-160-1-S-1.5	101
320-80148-2	HA-160-1-S-4	105
320-80148-3	HA-160-1-S-10.5	102
320-80148-5	HA-160-2-S-2.5	98
320-80148-6	HA-160-2-S-4.5	103
320-80148-7	HA-160-3-S-1.5	103
320-80148-8	HA-160-3-S-4	105
320-80148-9	HA-160-3-S-10	105
320-80148-11	HA-160-4-S-1.5	101
320-80148-12	HA-160-4-S-4	103
320-80148-13	HA-180-1-S-2.5	103
320-80148-14	HA-180-1-S-4.5	102
320-80148-15	HA-180-1-S-13	95
320-80148-16	HA-180-2-S-2.5	99
320-80148-17	HA-180-2-S-4.5	97
LCS 320-534009/6	Lab Control Sample	101
LCS 320-534220/5	Lab Control Sample	102
LCS 320-534231/4	Lab Control Sample	107
LCSD 320-534009/31	Lab Control Sample Dup	100
LCSD 320-534220/6	Lab Control Sample Dup	99
LCSD 320-534231/5	Lab Control Sample Dup	108
MB 320-534009/10	Method Blank	99
MB 320-534220/10	Method Blank	99
MB 320-534231/7	Method Blank	108

Surrogate Legend
BFB = 4-Bromofluorobenzene (Surr)

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

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)		
Lab Sample ID	Client Sample ID	OTPH1 (51-111)
320-80148-1	HA-160-1-S-1.5	62
320-80148-2	HA-160-1-S-4	60
320-80148-3	HA-160-1-S-10.5	60
320-80148-5	HA-160-2-S-2.5	60
320-80148-6	HA-160-2-S-4.5	61
320-80148-7	HA-160-3-S-1.5	62
320-80148-8	HA-160-3-S-4	67
320-80148-11	HA-160-4-S-1.5	60
320-80148-12	HA-160-4-S-4	61
320-80148-13	HA-180-1-S-2.5	60
320-80148-14	HA-180-1-S-4.5	63
320-80148-15	HA-180-1-S-13	40 S1-
320-80148-16	HA-180-2-S-2.5	60
320-80148-17	HA-180-2-S-4.5	59
LCS 320-533932/2-A	Lab Control Sample	70
MB 320-533932/1-A	Method Blank	63

Eurofins TestAmerica, Sacramento

Surrogate Summary

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-1

Surrogate Legend
OTPH = o-Terphenyl (Surr)

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

QC Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-1

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

Lab Sample ID: MB 320-534010/10

Matrix: Solid

Analysis Batch: 534010

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		20	ug/Kg			10/14/21 15:17	1
Benzene	ND		5.0	ug/Kg			10/14/21 15:17	1
Bromobenzene	ND		5.0	ug/Kg			10/14/21 15:17	1
Bromochloromethane	ND		5.0	ug/Kg			10/14/21 15:17	1
Bromodichloromethane	ND		5.0	ug/Kg			10/14/21 15:17	1
Bromoform	ND		5.0	ug/Kg			10/14/21 15:17	1
Bromomethane	ND		5.0	ug/Kg			10/14/21 15:17	1
2-Butanone (MEK)	ND		10	ug/Kg			10/14/21 15:17	1
n-Butylbenzene	ND		5.0	ug/Kg			10/14/21 15:17	1
sec-Butylbenzene	ND		5.0	ug/Kg			10/14/21 15:17	1
tert-Butylbenzene	ND		5.0	ug/Kg			10/14/21 15:17	1
Carbon tetrachloride	ND		5.0	ug/Kg			10/14/21 15:17	1
Carbon disulfide	ND		10	ug/Kg			10/14/21 15:17	1
Chlorobenzene	ND		5.0	ug/Kg			10/14/21 15:17	1
Chloroethane	ND		5.0	ug/Kg			10/14/21 15:17	1
Chloroform	ND		5.0	ug/Kg			10/14/21 15:17	1
Chloromethane	ND		5.0	ug/Kg			10/14/21 15:17	1
2-Chlorotoluene	ND		5.0	ug/Kg			10/14/21 15:17	1
4-Chlorotoluene	ND		5.0	ug/Kg			10/14/21 15:17	1
1,2-Dibromo-3-Chloropropane	ND		10	ug/Kg			10/14/21 15:17	1
1,2-Dibromoethane (EDB)	ND		10	ug/Kg			10/14/21 15:17	1
Dibromomethane	ND		5.0	ug/Kg			10/14/21 15:17	1
1,2-Dichlorobenzene	ND		5.0	ug/Kg			10/14/21 15:17	1
1,3-Dichlorobenzene	ND		5.0	ug/Kg			10/14/21 15:17	1
1,4-Dichlorobenzene	ND		5.0	ug/Kg			10/14/21 15:17	1
Dibromochloromethane	ND		5.0	ug/Kg			10/14/21 15:17	1
Dichlorodifluoromethane	ND		5.0	ug/Kg			10/14/21 15:17	1
1,1-Dichloroethane	ND		5.0	ug/Kg			10/14/21 15:17	1
1,2-Dichloroethane	ND		5.0	ug/Kg			10/14/21 15:17	1
cis-1,2-Dichloroethene	ND		5.0	ug/Kg			10/14/21 15:17	1
trans-1,2-Dichloroethene	ND		5.0	ug/Kg			10/14/21 15:17	1
1,1-Dichloroethene	ND		5.0	ug/Kg			10/14/21 15:17	1
1,2-Dichloropropane	ND		5.0	ug/Kg			10/14/21 15:17	1
1,3-Dichloropropane	ND		5.0	ug/Kg			10/14/21 15:17	1
2,2-Dichloropropane	ND		5.0	ug/Kg			10/14/21 15:17	1
cis-1,3-Dichloropropene	ND		5.0	ug/Kg			10/14/21 15:17	1
trans-1,3-Dichloropropene	ND		5.0	ug/Kg			10/14/21 15:17	1
1,1-Dichloropropene	ND		5.0	ug/Kg			10/14/21 15:17	1
Ethylbenzene	ND		5.0	ug/Kg			10/14/21 15:17	1
Hexachlorobutadiene	ND		5.0	ug/Kg			10/14/21 15:17	1
Isopropylbenzene	ND		5.0	ug/Kg			10/14/21 15:17	1
p-Isopropyltoluene	ND		5.0	ug/Kg			10/14/21 15:17	1
2-Hexanone	ND		10	ug/Kg			10/14/21 15:17	1
Methylene Chloride	ND		10	ug/Kg			10/14/21 15:17	1
Naphthalene	ND		5.0	ug/Kg			10/14/21 15:17	1
N-Propylbenzene	ND		5.0	ug/Kg			10/14/21 15:17	1
Styrene	ND		5.0	ug/Kg			10/14/21 15:17	1
1,1,1,2-Tetrachloroethane	ND		5.0	ug/Kg			10/14/21 15:17	1

Eurofins TestAmerica, Sacramento

QC Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-1

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

Lab Sample ID: MB 320-534010/10

Matrix: Solid

Analysis Batch: 534010

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methyl-2-pentanone (MIBK)	ND		10	ug/Kg			10/14/21 15:17	1
1,1,2,2-Tetrachloroethane	ND		5.0	ug/Kg			10/14/21 15:17	1
Tetrachloroethene	ND		5.0	ug/Kg			10/14/21 15:17	1
Toluene	ND		5.0	ug/Kg			10/14/21 15:17	1
1,2,3-Trichlorobenzene	ND		5.0	ug/Kg			10/14/21 15:17	1
1,2,4-Trichlorobenzene	ND		5.0	ug/Kg			10/14/21 15:17	1
1,1,1-Trichloroethane	ND		5.0	ug/Kg			10/14/21 15:17	1
1,1,2-Trichloroethane	ND		5.0	ug/Kg			10/14/21 15:17	1
Trichloroethene	ND		5.0	ug/Kg			10/14/21 15:17	1
Trichlorofluoromethane	ND		5.0	ug/Kg			10/14/21 15:17	1
1,2,3-Trichloropropane	ND		5.0	ug/Kg			10/14/21 15:17	1
1,2,4-Trimethylbenzene	ND		5.0	ug/Kg			10/14/21 15:17	1
1,3,5-Trimethylbenzene	ND		5.0	ug/Kg			10/14/21 15:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	ug/Kg			10/14/21 15:17	1
Vinyl chloride	ND		5.0	ug/Kg			10/14/21 15:17	1
m-Xylene & p-Xylene	ND		5.0	ug/Kg			10/14/21 15:17	1
o-Xylene	ND		5.0	ug/Kg			10/14/21 15:17	1
Vinyl acetate	ND		10	ug/Kg			10/14/21 15:17	1
Xylenes, Total	ND		5.0	ug/Kg			10/14/21 15:17	1
Methyl tert-butyl ether	ND		10	ug/Kg			10/14/21 15:17	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		63 - 143		10/14/21 15:17	1
1,2-Dichloroethane-d4 (Surr)	90		32 - 156		10/14/21 15:17	1
Toluene-d8 (Surr)	98		63 - 138		10/14/21 15:17	1
Dibromofluoromethane (Surr)	93		55 - 129		10/14/21 15:17	1

Lab Sample ID: LCS 320-534010/7

Matrix: Solid

Analysis Batch: 534010

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	50.0	59.3		ug/Kg		119	64 - 128
Benzene	50.0	50.5		ug/Kg		101	78 - 128
Bromobenzene	50.0	51.0		ug/Kg		102	67 - 132
Bromochloromethane	50.0	50.6		ug/Kg		101	80 - 127
Bromodichloromethane	50.0	51.2		ug/Kg		102	80 - 137
Bromoform	50.0	55.7		ug/Kg		111	80 - 136
Bromomethane	50.0	58.8		ug/Kg		118	48 - 164
2-Butanone (MEK)	50.0	51.9		ug/Kg		104	71 - 142
n-Butylbenzene	50.0	51.1		ug/Kg		102	68 - 136
sec-Butylbenzene	50.0	50.6		ug/Kg		101	68 - 131
tert-Butylbenzene	50.0	50.8		ug/Kg		102	67 - 131
Carbon tetrachloride	50.0	54.7		ug/Kg		109	62 - 154
Carbon disulfide	50.0	50.7		ug/Kg		101	52 - 145
Chlorobenzene	50.0	50.6		ug/Kg		101	74 - 125
Chloroethane	50.0	52.3		ug/Kg		105	54 - 148
Chloroform	50.0	50.5		ug/Kg		101	78 - 135

Eurofins TestAmerica, Sacramento

QC Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-1

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

Lab Sample ID: LCS 320-534010/7

Matrix: Solid

Analysis Batch: 534010

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	39.0		ug/Kg		78	60 - 141
2-Chlorotoluene	50.0	48.0		ug/Kg		96	64 - 127
4-Chlorotoluene	50.0	49.2		ug/Kg		98	67 - 128
1,2-Dibromo-3-Chloropropane	50.0	54.4		ug/Kg		109	75 - 137
1,2-Dibromoethane (EDB)	50.0	52.9		ug/Kg		106	80 - 124
Dibromomethane	50.0	51.6		ug/Kg		103	80 - 129
1,2-Dichlorobenzene	50.0	49.9		ug/Kg		100	68 - 121
1,3-Dichlorobenzene	50.0	50.2		ug/Kg		100	64 - 126
1,4-Dichlorobenzene	50.0	50.4		ug/Kg		101	65 - 124
Dibromochloromethane	50.0	53.1		ug/Kg		106	80 - 133
Dichlorodifluoromethane	50.0	40.7		ug/Kg		81	60 - 130
1,1-Dichloroethane	50.0	49.4		ug/Kg		99	76 - 134
1,2-Dichloroethane	50.0	51.3		ug/Kg		103	66 - 150
cis-1,2-Dichloroethene	50.0	50.3		ug/Kg		101	74 - 131
trans-1,2-Dichloroethene	50.0	50.8		ug/Kg		102	67 - 135
1,1-Dichloroethene	50.0	52.4		ug/Kg		105	66 - 136
1,2-Dichloropropane	50.0	50.3		ug/Kg		101	80 - 129
1,3-Dichloropropane	50.0	51.7		ug/Kg		103	80 - 123
2,2-Dichloropropane	50.0	49.5		ug/Kg		99	69 - 153
cis-1,3-Dichloropropene	50.0	50.4		ug/Kg		101	80 - 134
trans-1,3-Dichloropropene	50.0	52.9		ug/Kg		106	80 - 148
1,1-Dichloropropene	50.0	51.8		ug/Kg		104	76 - 132
Ethylbenzene	50.0	50.3		ug/Kg		101	72 - 125
Hexachlorobutadiene	50.0	52.0		ug/Kg		104	52 - 140
Isopropylbenzene	50.0	51.2		ug/Kg		102	69 - 137
p-Isopropyltoluene	50.0	50.4		ug/Kg		101	64 - 137
2-Hexanone	50.0	55.5		ug/Kg		111	78 - 143
Methylene Chloride	50.0	50.4		ug/Kg		101	77 - 125
Naphthalene	50.0	52.0		ug/Kg		104	53 - 140
N-Propylbenzene	50.0	50.2		ug/Kg		100	63 - 128
Styrene	50.0	51.8		ug/Kg		104	79 - 128
1,1,1,2-Tetrachloroethane	50.0	50.4		ug/Kg		101	77 - 134
4-Methyl-2-pentanone (MIBK)	50.0	50.9		ug/Kg		102	79 - 150
1,1,2,2-Tetrachloroethane	50.0	52.5		ug/Kg		105	71 - 134
Tetrachloroethene	50.0	54.7		ug/Kg		109	65 - 135
Toluene	50.0	51.8		ug/Kg		104	80 - 124
1,2,3-Trichlorobenzene	50.0	50.3		ug/Kg		101	54 - 140
1,2,4-Trichlorobenzene	50.0	50.1		ug/Kg		100	48 - 145
1,1,1-Trichloroethane	50.0	53.4		ug/Kg		107	67 - 150
1,1,2-Trichloroethane	50.0	53.2		ug/Kg		106	80 - 128
Trichloroethene	50.0	51.6		ug/Kg		103	80 - 126
Trichlorofluoromethane	50.0	52.3		ug/Kg		105	43 - 158
1,2,3-Trichloropropane	50.0	54.0		ug/Kg		108	71 - 132
1,2,4-Trimethylbenzene	50.0	49.6		ug/Kg		99	64 - 137
1,3,5-Trimethylbenzene	50.0	49.5		ug/Kg		99	66 - 135
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	54.0		ug/Kg		108	62 - 138
Vinyl chloride	50.0	45.4		ug/Kg		91	67 - 127
m-Xylene & p-Xylene	50.0	50.6		ug/Kg		101	73 - 128

Eurofins TestAmerica, Sacramento

QC Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-1

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

Lab Sample ID: LCS 320-534010/7

Matrix: Solid

Analysis Batch: 534010

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
o-Xylene	50.0	49.6		ug/Kg		99	76 - 127
Vinyl acetate	50.0	52.6		ug/Kg		105	39 - 160
Xylenes, Total	100	100		ug/Kg		100	75 - 122
Methyl tert-butyl ether	50.0	57.7		ug/Kg		115	66 - 146

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		63 - 143
1,2-Dichloroethane-d4 (Surr)	92		32 - 156
Toluene-d8 (Surr)	102		63 - 138
Dibromofluoromethane (Surr)	95		55 - 129

Lab Sample ID: LCSD 320-534010/8

Matrix: Solid

Analysis Batch: 534010

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
Acetone	50.0	53.9		ug/Kg		108	64 - 128	9	36
Benzene	50.0	46.0		ug/Kg		92	78 - 128	9	37
Bromobenzene	50.0	48.1		ug/Kg		96	67 - 132	6	40
Bromochloromethane	50.0	47.9		ug/Kg		96	80 - 127	6	36
Bromodichloromethane	50.0	48.0		ug/Kg		96	80 - 137	6	37
Bromoform	50.0	53.5		ug/Kg		107	80 - 136	4	45
Bromomethane	50.0	54.4		ug/Kg		109	48 - 164	8	38
2-Butanone (MEK)	50.0	48.8		ug/Kg		98	71 - 142	6	44
n-Butylbenzene	50.0	45.8		ug/Kg		92	68 - 136	11	37
sec-Butylbenzene	50.0	46.1		ug/Kg		92	68 - 131	9	40
tert-Butylbenzene	50.0	46.3		ug/Kg		93	67 - 131	9	42
Carbon tetrachloride	50.0	47.5		ug/Kg		95	62 - 154	14	43
Carbon disulfide	50.0	45.2		ug/Kg		90	52 - 145	11	46
Chlorobenzene	50.0	46.7		ug/Kg		93	74 - 125	8	38
Chloroethane	50.0	47.2		ug/Kg		94	54 - 148	10	34
Chloroform	50.0	46.4		ug/Kg		93	78 - 135	9	23
Chloromethane	50.0	31.3		ug/Kg		63	60 - 141	22	36
2-Chlorotoluene	50.0	45.5		ug/Kg		91	64 - 127	5	41
4-Chlorotoluene	50.0	46.7		ug/Kg		93	67 - 128	5	40
1,2-Dibromo-3-Chloropropane	50.0	53.5		ug/Kg		107	75 - 137	2	48
1,2-Dibromoethane (EDB)	50.0	51.9		ug/Kg		104	80 - 124	2	39
Dibromomethane	50.0	48.7		ug/Kg		97	80 - 129	6	37
1,2-Dichlorobenzene	50.0	47.7		ug/Kg		95	68 - 121	4	28
1,3-Dichlorobenzene	50.0	47.7		ug/Kg		95	64 - 126	5	41
1,4-Dichlorobenzene	50.0	48.2		ug/Kg		96	65 - 124	4	38
Dibromochloromethane	50.0	50.8		ug/Kg		102	80 - 133	4	24
Dichlorodifluoromethane	50.0	35.3		ug/Kg		71	60 - 130	14	46
1,1-Dichloroethane	50.0	44.4		ug/Kg		89	76 - 134	11	24
1,2-Dichloroethane	50.0	48.3		ug/Kg		97	66 - 150	6	36
cis-1,2-Dichloroethene	50.0	46.5		ug/Kg		93	74 - 131	8	37
trans-1,2-Dichloroethene	50.0	45.5		ug/Kg		91	67 - 135	11	37
1,1-Dichloroethene	50.0	45.9		ug/Kg		92	66 - 136	13	42

Eurofins TestAmerica, Sacramento

QC Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-1

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

Lab Sample ID: LCSD 320-534010/8

Matrix: Solid

Analysis Batch: 534010

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2-Dichloropropane	50.0	46.3		ug/Kg		93	80 - 129	8	38
1,3-Dichloropropane	50.0	49.7		ug/Kg		99	80 - 123	4	39
2,2-Dichloropropane	50.0	44.5		ug/Kg		89	69 - 153	11	47
cis-1,3-Dichloropropene	50.0	47.6		ug/Kg		95	80 - 134	6	39
trans-1,3-Dichloropropene	50.0	50.9		ug/Kg		102	80 - 148	4	42
1,1-Dichloropropene	50.0	44.7		ug/Kg		89	76 - 132	15	38
Ethylbenzene	50.0	46.3		ug/Kg		93	72 - 125	8	41
Hexachlorobutadiene	50.0	46.2		ug/Kg		92	52 - 140	12	38
Isopropylbenzene	50.0	45.8		ug/Kg		92	69 - 137	11	41
p-Isopropyltoluene	50.0	45.9		ug/Kg		92	64 - 137	9	40
2-Hexanone	50.0	54.3		ug/Kg		109	78 - 143	2	73
Methylene Chloride	50.0	47.3		ug/Kg		95	77 - 125	6	25
Naphthalene	50.0	50.7		ug/Kg		101	53 - 140	2	46
N-Propylbenzene	50.0	46.2		ug/Kg		92	63 - 128	8	42
Styrene	50.0	48.5		ug/Kg		97	79 - 128	7	40
1,1,1,2-Tetrachloroethane	50.0	47.6		ug/Kg		95	77 - 134	6	25
4-Methyl-2-pentanone (MIBK)	50.0	49.0		ug/Kg		98	79 - 150	4	48
1,1,2,2-Tetrachloroethane	50.0	51.2		ug/Kg		102	71 - 134	2	31
Tetrachloroethene	50.0	47.8		ug/Kg		96	65 - 135	13	39
Toluene	50.0	46.9		ug/Kg		94	80 - 124	10	39
1,2,3-Trichlorobenzene	50.0	48.0		ug/Kg		96	54 - 140	5	42
1,2,4-Trichlorobenzene	50.0	46.9		ug/Kg		94	48 - 145	7	39
1,1,1-Trichloroethane	50.0	46.5		ug/Kg		93	67 - 150	14	43
1,1,2-Trichloroethane	50.0	50.8		ug/Kg		102	80 - 128	5	41
Trichloroethene	50.0	46.1		ug/Kg		92	80 - 126	11	40
Trichlorofluoromethane	50.0	46.3		ug/Kg		93	43 - 158	12	32
1,2,3-Trichloropropane	50.0	52.8		ug/Kg		106	71 - 132	2	41
1,2,4-Trimethylbenzene	50.0	46.3		ug/Kg		93	64 - 137	7	41
1,3,5-Trimethylbenzene	50.0	46.0		ug/Kg		92	66 - 135	7	42
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	44.9		ug/Kg		90	62 - 138	19	22
Vinyl chloride	50.0	39.4		ug/Kg		79	67 - 127	14	37
m-Xylene & p-Xylene	50.0	46.0		ug/Kg		92	73 - 128	9	40
o-Xylene	50.0	46.1		ug/Kg		92	76 - 127	7	40
Vinyl acetate	50.0	51.0		ug/Kg		102	39 - 160	3	50
Xylenes, Total	100	92.1		ug/Kg		92	75 - 122	8	15
Methyl tert-butyl ether	50.0	55.2		ug/Kg		110	66 - 146	4	45

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		63 - 143
1,2-Dichloroethane-d4 (Surr)	91		32 - 156
Toluene-d8 (Surr)	99		63 - 138
Dibromofluoromethane (Surr)	92		55 - 129

QC Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-1

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

Lab Sample ID: MB 320-534014/10

Matrix: Solid

Analysis Batch: 534014

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		20	ug/Kg			10/14/21 15:21	1
Benzene	ND		5.0	ug/Kg			10/14/21 15:21	1
Bromobenzene	ND		5.0	ug/Kg			10/14/21 15:21	1
Bromochloromethane	ND		5.0	ug/Kg			10/14/21 15:21	1
Bromodichloromethane	ND		5.0	ug/Kg			10/14/21 15:21	1
Bromoform	ND		5.0	ug/Kg			10/14/21 15:21	1
Bromomethane	ND		5.0	ug/Kg			10/14/21 15:21	1
2-Butanone (MEK)	ND		10	ug/Kg			10/14/21 15:21	1
n-Butylbenzene	ND		5.0	ug/Kg			10/14/21 15:21	1
sec-Butylbenzene	ND		5.0	ug/Kg			10/14/21 15:21	1
tert-Butylbenzene	ND		5.0	ug/Kg			10/14/21 15:21	1
Carbon tetrachloride	ND		5.0	ug/Kg			10/14/21 15:21	1
Carbon disulfide	ND		10	ug/Kg			10/14/21 15:21	1
Chlorobenzene	ND		5.0	ug/Kg			10/14/21 15:21	1
Chloroethane	ND		5.0	ug/Kg			10/14/21 15:21	1
Chloroform	ND		5.0	ug/Kg			10/14/21 15:21	1
Chloromethane	ND		5.0	ug/Kg			10/14/21 15:21	1
2-Chlorotoluene	ND		5.0	ug/Kg			10/14/21 15:21	1
4-Chlorotoluene	ND		5.0	ug/Kg			10/14/21 15:21	1
1,2-Dibromo-3-Chloropropane	ND		10	ug/Kg			10/14/21 15:21	1
1,2-Dibromoethane (EDB)	ND		10	ug/Kg			10/14/21 15:21	1
Dibromomethane	ND		5.0	ug/Kg			10/14/21 15:21	1
1,2-Dichlorobenzene	ND		5.0	ug/Kg			10/14/21 15:21	1
1,3-Dichlorobenzene	ND		5.0	ug/Kg			10/14/21 15:21	1
1,4-Dichlorobenzene	ND		5.0	ug/Kg			10/14/21 15:21	1
Dibromochloromethane	ND		5.0	ug/Kg			10/14/21 15:21	1
Dichlorodifluoromethane	ND		5.0	ug/Kg			10/14/21 15:21	1
1,1-Dichloroethane	ND		5.0	ug/Kg			10/14/21 15:21	1
1,2-Dichloroethane	ND		5.0	ug/Kg			10/14/21 15:21	1
cis-1,2-Dichloroethene	ND		5.0	ug/Kg			10/14/21 15:21	1
trans-1,2-Dichloroethene	ND		5.0	ug/Kg			10/14/21 15:21	1
1,1-Dichloroethene	ND		5.0	ug/Kg			10/14/21 15:21	1
1,2-Dichloropropane	ND		5.0	ug/Kg			10/14/21 15:21	1
1,3-Dichloropropane	ND		5.0	ug/Kg			10/14/21 15:21	1
2,2-Dichloropropane	ND		5.0	ug/Kg			10/14/21 15:21	1
cis-1,3-Dichloropropene	ND		5.0	ug/Kg			10/14/21 15:21	1
trans-1,3-Dichloropropene	ND		5.0	ug/Kg			10/14/21 15:21	1
1,1-Dichloropropene	ND		5.0	ug/Kg			10/14/21 15:21	1
Ethylbenzene	ND		5.0	ug/Kg			10/14/21 15:21	1
Hexachlorobutadiene	ND		5.0	ug/Kg			10/14/21 15:21	1
Isopropylbenzene	ND		5.0	ug/Kg			10/14/21 15:21	1
p-Isopropyltoluene	ND		5.0	ug/Kg			10/14/21 15:21	1
2-Hexanone	ND		10	ug/Kg			10/14/21 15:21	1
Methylene Chloride	ND		10	ug/Kg			10/14/21 15:21	1
Naphthalene	ND		5.0	ug/Kg			10/14/21 15:21	1
N-Propylbenzene	ND		5.0	ug/Kg			10/14/21 15:21	1
Styrene	ND		5.0	ug/Kg			10/14/21 15:21	1
1,1,1,2-Tetrachloroethane	ND		5.0	ug/Kg			10/14/21 15:21	1

Eurofins TestAmerica, Sacramento

QC Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-1

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

Lab Sample ID: MB 320-534014/10

Matrix: Solid

Analysis Batch: 534014

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methyl-2-pentanone (MIBK)	ND		10	ug/Kg			10/14/21 15:21	1
1,1,2,2-Tetrachloroethane	ND		5.0	ug/Kg			10/14/21 15:21	1
Tetrachloroethene	ND		5.0	ug/Kg			10/14/21 15:21	1
Toluene	ND		5.0	ug/Kg			10/14/21 15:21	1
1,2,3-Trichlorobenzene	ND		5.0	ug/Kg			10/14/21 15:21	1
1,2,4-Trichlorobenzene	ND		5.0	ug/Kg			10/14/21 15:21	1
1,1,1-Trichloroethane	ND		5.0	ug/Kg			10/14/21 15:21	1
1,1,2-Trichloroethane	ND		5.0	ug/Kg			10/14/21 15:21	1
Trichloroethene	ND		5.0	ug/Kg			10/14/21 15:21	1
Trichlorofluoromethane	ND		5.0	ug/Kg			10/14/21 15:21	1
1,2,3-Trichloropropane	ND		5.0	ug/Kg			10/14/21 15:21	1
1,2,4-Trimethylbenzene	ND		5.0	ug/Kg			10/14/21 15:21	1
1,3,5-Trimethylbenzene	ND		5.0	ug/Kg			10/14/21 15:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	ug/Kg			10/14/21 15:21	1
Vinyl chloride	ND		5.0	ug/Kg			10/14/21 15:21	1
m-Xylene & p-Xylene	ND		5.0	ug/Kg			10/14/21 15:21	1
o-Xylene	ND		5.0	ug/Kg			10/14/21 15:21	1
Vinyl acetate	ND		10	ug/Kg			10/14/21 15:21	1
Xylenes, Total	ND		5.0	ug/Kg			10/14/21 15:21	1
Methyl tert-butyl ether	ND		10	ug/Kg			10/14/21 15:21	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		63 - 143		10/14/21 15:21	1
1,2-Dichloroethane-d4 (Surr)	102		32 - 156		10/14/21 15:21	1
Toluene-d8 (Surr)	115		63 - 138		10/14/21 15:21	1
Dibromofluoromethane (Surr)	103		55 - 129		10/14/21 15:21	1

Lab Sample ID: LCS 320-534014/7

Matrix: Solid

Analysis Batch: 534014

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	125	105		ug/Kg		84	64 - 128
Benzene	50.0	50.7		ug/Kg		101	78 - 128
Bromobenzene	50.0	52.1		ug/Kg		104	67 - 132
Bromochloromethane	50.0	46.5		ug/Kg		93	80 - 127
Bromodichloromethane	50.0	51.6		ug/Kg		103	80 - 137
Bromoform	50.0	52.3		ug/Kg		105	80 - 136
Bromomethane	50.0	47.2		ug/Kg		94	48 - 164
2-Butanone (MEK)	125	105		ug/Kg		84	71 - 142
n-Butylbenzene	50.0	52.2		ug/Kg		104	68 - 136
sec-Butylbenzene	50.0	52.6		ug/Kg		105	68 - 131
tert-Butylbenzene	50.0	52.5		ug/Kg		105	67 - 131
Carbon tetrachloride	50.0	51.6		ug/Kg		103	62 - 154
Carbon disulfide	50.0	43.3		ug/Kg		87	52 - 145
Chlorobenzene	50.0	50.7		ug/Kg		101	74 - 125
Chloroethane	50.0	46.4		ug/Kg		93	54 - 148
Chloroform	50.0	47.8		ug/Kg		96	78 - 135

Eurofins TestAmerica, Sacramento

QC Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-1

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

Lab Sample ID: LCS 320-534014/7

Matrix: Solid

Analysis Batch: 534014

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	44.8		ug/Kg		90	60 - 141
2-Chlorotoluene	50.0	50.6		ug/Kg		101	64 - 127
4-Chlorotoluene	50.0	52.2		ug/Kg		104	67 - 128
1,2-Dibromo-3-Chloropropane	50.0	51.0		ug/Kg		102	75 - 137
1,2-Dibromoethane (EDB)	50.0	53.3		ug/Kg		107	80 - 124
Dibromomethane	50.0	49.9		ug/Kg		100	80 - 129
1,2-Dichlorobenzene	50.0	47.9		ug/Kg		96	68 - 121
1,3-Dichlorobenzene	50.0	49.9		ug/Kg		100	64 - 126
1,4-Dichlorobenzene	50.0	50.2		ug/Kg		100	65 - 124
Dibromochloromethane	50.0	52.0		ug/Kg		104	80 - 133
Dichlorodifluoromethane	50.0	41.6		ug/Kg		83	60 - 130
1,1-Dichloroethane	50.0	49.1		ug/Kg		98	76 - 134
1,2-Dichloroethane	50.0	51.1		ug/Kg		102	66 - 150
cis-1,2-Dichloroethene	50.0	47.0		ug/Kg		94	74 - 131
trans-1,2-Dichloroethene	50.0	46.0		ug/Kg		92	67 - 135
1,1-Dichloroethene	50.0	47.9		ug/Kg		96	66 - 136
1,2-Dichloropropane	50.0	52.7		ug/Kg		105	80 - 129
1,3-Dichloropropane	50.0	55.3		ug/Kg		111	80 - 123
2,2-Dichloropropane	50.0	46.3		ug/Kg		93	69 - 153
cis-1,3-Dichloropropene	50.0	56.5		ug/Kg		113	80 - 134
trans-1,3-Dichloropropene	50.0	60.1		ug/Kg		120	80 - 148
1,1-Dichloropropene	50.0	52.5		ug/Kg		105	76 - 132
Ethylbenzene	50.0	51.8		ug/Kg		104	72 - 125
Hexachlorobutadiene	50.0	51.6		ug/Kg		103	52 - 140
Isopropylbenzene	50.0	50.4		ug/Kg		101	69 - 137
p-Isopropyltoluene	50.0	52.2		ug/Kg		104	64 - 137
2-Hexanone	125	126		ug/Kg		101	78 - 143
Methylene Chloride	50.0	45.8		ug/Kg		92	77 - 125
Naphthalene	50.0	51.7		ug/Kg		103	53 - 140
N-Propylbenzene	50.0	53.0		ug/Kg		106	63 - 128
Styrene	50.0	52.0		ug/Kg		104	79 - 128
1,1,1,2-Tetrachloroethane	50.0	47.9		ug/Kg		96	77 - 134
4-Methyl-2-pentanone (MIBK)	125	110		ug/Kg		88	79 - 150
1,1,2,2-Tetrachloroethane	50.0	52.4		ug/Kg		105	71 - 134
Tetrachloroethene	50.0	51.2		ug/Kg		102	65 - 135
Toluene	50.0	50.6		ug/Kg		101	80 - 124
1,2,3-Trichlorobenzene	50.0	50.9		ug/Kg		102	54 - 140
1,2,4-Trichlorobenzene	50.0	49.9		ug/Kg		100	48 - 145
1,1,1-Trichloroethane	50.0	50.2		ug/Kg		100	67 - 150
1,1,2-Trichloroethane	50.0	52.3		ug/Kg		105	80 - 128
Trichloroethene	50.0	51.6		ug/Kg		103	80 - 126
Trichlorofluoromethane	50.0	49.9		ug/Kg		100	43 - 158
1,2,3-Trichloropropane	50.0	52.0		ug/Kg		104	71 - 132
1,2,4-Trimethylbenzene	50.0	51.3		ug/Kg		103	64 - 137
1,3,5-Trimethylbenzene	50.0	52.2		ug/Kg		104	66 - 135
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	50.1		ug/Kg		100	62 - 138
Vinyl chloride	50.0	48.7		ug/Kg		97	67 - 127
m-Xylene & p-Xylene	50.0	51.4		ug/Kg		103	73 - 128

Eurofins TestAmerica, Sacramento

QC Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-1

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

Lab Sample ID: LCS 320-534014/7

Matrix: Solid

Analysis Batch: 534014

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
o-Xylene	50.0	48.7		ug/Kg		97	76 - 127
Vinyl acetate	50.0	57.6		ug/Kg		115	39 - 160
Xylenes, Total	100	100		ug/Kg		100	75 - 122
Methyl tert-butyl ether	50.0	45.9		ug/Kg		92	66 - 146

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		63 - 143
1,2-Dichloroethane-d4 (Surr)	98		32 - 156
Toluene-d8 (Surr)	114		63 - 138
Dibromofluoromethane (Surr)	96		55 - 129

Lab Sample ID: LCSD 320-534014/8

Matrix: Solid

Analysis Batch: 534014

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
Acetone	125	104		ug/Kg		83	64 - 128	1	36
Benzene	50.0	49.6		ug/Kg		99	78 - 128	2	37
Bromobenzene	50.0	52.1		ug/Kg		104	67 - 132	0	40
Bromochloromethane	50.0	46.9		ug/Kg		94	80 - 127	1	36
Bromodichloromethane	50.0	51.0		ug/Kg		102	80 - 137	1	37
Bromoform	50.0	51.4		ug/Kg		103	80 - 136	2	45
Bromomethane	50.0	46.6		ug/Kg		93	48 - 164	1	38
2-Butanone (MEK)	125	100		ug/Kg		80	71 - 142	5	44
n-Butylbenzene	50.0	50.8		ug/Kg		102	68 - 136	3	37
sec-Butylbenzene	50.0	51.1		ug/Kg		102	68 - 131	3	40
tert-Butylbenzene	50.0	51.6		ug/Kg		103	67 - 131	2	42
Carbon tetrachloride	50.0	49.6		ug/Kg		99	62 - 154	4	43
Carbon disulfide	50.0	43.0		ug/Kg		86	52 - 145	1	46
Chlorobenzene	50.0	49.9		ug/Kg		100	74 - 125	1	38
Chloroethane	50.0	45.1		ug/Kg		90	54 - 148	3	34
Chloroform	50.0	47.1		ug/Kg		94	78 - 135	1	23
Chloromethane	50.0	43.4		ug/Kg		87	60 - 141	3	36
2-Chlorotoluene	50.0	49.9		ug/Kg		100	64 - 127	1	41
4-Chlorotoluene	50.0	51.4		ug/Kg		103	67 - 128	2	40
1,2-Dibromo-3-Chloropropane	50.0	52.1		ug/Kg		104	75 - 137	2	48
1,2-Dibromoethane (EDB)	50.0	54.4		ug/Kg		109	80 - 124	2	39
Dibromomethane	50.0	49.9		ug/Kg		100	80 - 129	0	37
1,2-Dichlorobenzene	50.0	47.7		ug/Kg		95	68 - 121	0	28
1,3-Dichlorobenzene	50.0	49.1		ug/Kg		98	64 - 126	2	41
1,4-Dichlorobenzene	50.0	49.2		ug/Kg		98	65 - 124	2	38
Dibromochloromethane	50.0	51.3		ug/Kg		103	80 - 133	1	24
Dichlorodifluoromethane	50.0	39.4		ug/Kg		79	60 - 130	5	46
1,1-Dichloroethane	50.0	47.9		ug/Kg		96	76 - 134	2	24
1,2-Dichloroethane	50.0	51.0		ug/Kg		102	66 - 150	0	36
cis-1,2-Dichloroethene	50.0	46.7		ug/Kg		93	74 - 131	0	37
trans-1,2-Dichloroethene	50.0	44.6		ug/Kg		89	67 - 135	3	37
1,1-Dichloroethene	50.0	46.5		ug/Kg		93	66 - 136	3	42

Eurofins TestAmerica, Sacramento

QC Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-1

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

Lab Sample ID: LCSD 320-534014/8

Matrix: Solid

Analysis Batch: 534014

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2-Dichloropropane	50.0	51.7		ug/Kg		103	80 - 129	2	38
1,3-Dichloropropane	50.0	54.6		ug/Kg		109	80 - 123	1	39
2,2-Dichloropropane	50.0	41.7		ug/Kg		83	69 - 153	10	47
cis-1,3-Dichloropropene	50.0	55.5		ug/Kg		111	80 - 134	2	39
trans-1,3-Dichloropropene	50.0	59.5		ug/Kg		119	80 - 148	1	42
1,1-Dichloropropene	50.0	51.2		ug/Kg		102	76 - 132	3	38
Ethylbenzene	50.0	50.2		ug/Kg		100	72 - 125	3	41
Hexachlorobutadiene	50.0	50.7		ug/Kg		101	52 - 140	2	38
Isopropylbenzene	50.0	49.2		ug/Kg		98	69 - 137	2	41
p-Isopropyltoluene	50.0	51.4		ug/Kg		103	64 - 137	2	40
2-Hexanone	125	127		ug/Kg		101	78 - 143	0	73
Methylene Chloride	50.0	45.4		ug/Kg		91	77 - 125	1	25
Naphthalene	50.0	52.9		ug/Kg		106	53 - 140	2	46
N-Propylbenzene	50.0	52.1		ug/Kg		104	63 - 128	2	42
Styrene	50.0	50.9		ug/Kg		102	79 - 128	2	40
1,1,1,2-Tetrachloroethane	50.0	47.7		ug/Kg		95	77 - 134	0	25
4-Methyl-2-pentanone (MIBK)	125	109		ug/Kg		87	79 - 150	1	48
1,1,2,2-Tetrachloroethane	50.0	53.5		ug/Kg		107	71 - 134	2	31
Tetrachloroethene	50.0	50.3		ug/Kg		101	65 - 135	2	39
Toluene	50.0	49.7		ug/Kg		99	80 - 124	2	39
1,2,3-Trichlorobenzene	50.0	51.5		ug/Kg		103	54 - 140	1	42
1,2,4-Trichlorobenzene	50.0	49.1		ug/Kg		98	48 - 145	2	39
1,1,1-Trichloroethane	50.0	48.3		ug/Kg		97	67 - 150	4	43
1,1,2-Trichloroethane	50.0	51.9		ug/Kg		104	80 - 128	1	41
Trichloroethene	50.0	49.4		ug/Kg		99	80 - 126	4	40
Trichlorofluoromethane	50.0	48.5		ug/Kg		97	43 - 158	3	32
1,2,3-Trichloropropane	50.0	52.2		ug/Kg		104	71 - 132	0	41
1,2,4-Trimethylbenzene	50.0	50.2		ug/Kg		100	64 - 137	2	41
1,3,5-Trimethylbenzene	50.0	51.1		ug/Kg		102	66 - 135	2	42
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	49.3		ug/Kg		99	62 - 138	2	22
Vinyl chloride	50.0	47.2		ug/Kg		94	67 - 127	3	37
m-Xylene & p-Xylene	50.0	50.1		ug/Kg		100	73 - 128	3	40
o-Xylene	50.0	48.2		ug/Kg		96	76 - 127	1	40
Vinyl acetate	50.0	57.6		ug/Kg		115	39 - 160	0	50
Xylenes, Total	100	98.3		ug/Kg		98	75 - 122	2	15
Methyl tert-butyl ether	50.0	43.0		ug/Kg		86	66 - 146	7	45

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	112		63 - 143
1,2-Dichloroethane-d4 (Surr)	98		32 - 156
Toluene-d8 (Surr)	119		63 - 138
Dibromofluoromethane (Surr)	100		55 - 129

QC Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-1

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

Lab Sample ID: MB 320-534221/10

Matrix: Solid

Analysis Batch: 534221

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		20	ug/Kg			10/15/21 13:09	1
Benzene	ND		5.0	ug/Kg			10/15/21 13:09	1
Bromobenzene	ND		5.0	ug/Kg			10/15/21 13:09	1
Bromochloromethane	ND		5.0	ug/Kg			10/15/21 13:09	1
Bromodichloromethane	ND		5.0	ug/Kg			10/15/21 13:09	1
Bromoform	ND		5.0	ug/Kg			10/15/21 13:09	1
Bromomethane	ND		5.0	ug/Kg			10/15/21 13:09	1
2-Butanone (MEK)	ND		10	ug/Kg			10/15/21 13:09	1
n-Butylbenzene	ND		5.0	ug/Kg			10/15/21 13:09	1
sec-Butylbenzene	ND		5.0	ug/Kg			10/15/21 13:09	1
tert-Butylbenzene	ND		5.0	ug/Kg			10/15/21 13:09	1
Carbon tetrachloride	ND		5.0	ug/Kg			10/15/21 13:09	1
Carbon disulfide	ND		10	ug/Kg			10/15/21 13:09	1
Chlorobenzene	ND		5.0	ug/Kg			10/15/21 13:09	1
Chloroethane	ND		5.0	ug/Kg			10/15/21 13:09	1
Chloroform	ND		5.0	ug/Kg			10/15/21 13:09	1
Chloromethane	ND		5.0	ug/Kg			10/15/21 13:09	1
2-Chlorotoluene	ND		5.0	ug/Kg			10/15/21 13:09	1
4-Chlorotoluene	ND		5.0	ug/Kg			10/15/21 13:09	1
1,2-Dibromo-3-Chloropropane	ND		10	ug/Kg			10/15/21 13:09	1
1,2-Dibromoethane (EDB)	ND		10	ug/Kg			10/15/21 13:09	1
Dibromomethane	ND		5.0	ug/Kg			10/15/21 13:09	1
1,2-Dichlorobenzene	ND		5.0	ug/Kg			10/15/21 13:09	1
1,3-Dichlorobenzene	ND		5.0	ug/Kg			10/15/21 13:09	1
1,4-Dichlorobenzene	ND		5.0	ug/Kg			10/15/21 13:09	1
Dibromochloromethane	ND		5.0	ug/Kg			10/15/21 13:09	1
Dichlorodifluoromethane	ND		5.0	ug/Kg			10/15/21 13:09	1
1,1-Dichloroethane	ND		5.0	ug/Kg			10/15/21 13:09	1
1,2-Dichloroethane	ND		5.0	ug/Kg			10/15/21 13:09	1
cis-1,2-Dichloroethene	ND		5.0	ug/Kg			10/15/21 13:09	1
trans-1,2-Dichloroethene	ND		5.0	ug/Kg			10/15/21 13:09	1
1,1-Dichloroethene	ND		5.0	ug/Kg			10/15/21 13:09	1
1,2-Dichloropropane	ND		5.0	ug/Kg			10/15/21 13:09	1
1,3-Dichloropropane	ND		5.0	ug/Kg			10/15/21 13:09	1
2,2-Dichloropropane	ND		5.0	ug/Kg			10/15/21 13:09	1
cis-1,3-Dichloropropene	ND		5.0	ug/Kg			10/15/21 13:09	1
trans-1,3-Dichloropropene	ND		5.0	ug/Kg			10/15/21 13:09	1
1,1-Dichloropropene	ND		5.0	ug/Kg			10/15/21 13:09	1
Ethylbenzene	ND		5.0	ug/Kg			10/15/21 13:09	1
Hexachlorobutadiene	ND		5.0	ug/Kg			10/15/21 13:09	1
Isopropylbenzene	ND		5.0	ug/Kg			10/15/21 13:09	1
p-Isopropyltoluene	ND		5.0	ug/Kg			10/15/21 13:09	1
2-Hexanone	ND		10	ug/Kg			10/15/21 13:09	1
Methylene Chloride	ND		10	ug/Kg			10/15/21 13:09	1
Naphthalene	ND		5.0	ug/Kg			10/15/21 13:09	1
N-Propylbenzene	ND		5.0	ug/Kg			10/15/21 13:09	1
Styrene	ND		5.0	ug/Kg			10/15/21 13:09	1
1,1,1,2-Tetrachloroethane	ND		5.0	ug/Kg			10/15/21 13:09	1

Eurofins TestAmerica, Sacramento

QC Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-1

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

Lab Sample ID: MB 320-534221/10

Matrix: Solid

Analysis Batch: 534221

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methyl-2-pentanone (MIBK)	ND		10	ug/Kg			10/15/21 13:09	1
1,1,2,2-Tetrachloroethane	ND		5.0	ug/Kg			10/15/21 13:09	1
Tetrachloroethene	ND		5.0	ug/Kg			10/15/21 13:09	1
Toluene	ND		5.0	ug/Kg			10/15/21 13:09	1
1,2,3-Trichlorobenzene	ND		5.0	ug/Kg			10/15/21 13:09	1
1,2,4-Trichlorobenzene	ND		5.0	ug/Kg			10/15/21 13:09	1
1,1,1-Trichloroethane	ND		5.0	ug/Kg			10/15/21 13:09	1
1,1,2-Trichloroethane	ND		5.0	ug/Kg			10/15/21 13:09	1
Trichloroethene	ND		5.0	ug/Kg			10/15/21 13:09	1
Trichlorofluoromethane	ND		5.0	ug/Kg			10/15/21 13:09	1
1,2,3-Trichloropropane	ND		5.0	ug/Kg			10/15/21 13:09	1
1,2,4-Trimethylbenzene	ND		5.0	ug/Kg			10/15/21 13:09	1
1,3,5-Trimethylbenzene	ND		5.0	ug/Kg			10/15/21 13:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	ug/Kg			10/15/21 13:09	1
Vinyl chloride	ND		5.0	ug/Kg			10/15/21 13:09	1
m-Xylene & p-Xylene	ND		5.0	ug/Kg			10/15/21 13:09	1
o-Xylene	ND		5.0	ug/Kg			10/15/21 13:09	1
Vinyl acetate	ND		10	ug/Kg			10/15/21 13:09	1
Xylenes, Total	ND		5.0	ug/Kg			10/15/21 13:09	1
Methyl tert-butyl ether	ND		10	ug/Kg			10/15/21 13:09	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		63 - 143		10/15/21 13:09	1
1,2-Dichloroethane-d4 (Surr)	89		32 - 156		10/15/21 13:09	1
Toluene-d8 (Surr)	96		63 - 138		10/15/21 13:09	1
Dibromofluoromethane (Surr)	97		55 - 129		10/15/21 13:09	1

Lab Sample ID: LCS 320-534221/7

Matrix: Solid

Analysis Batch: 534221

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	50.0	61.0		ug/Kg		122	64 - 128
Benzene	50.0	52.6		ug/Kg		105	78 - 128
Bromobenzene	50.0	52.6		ug/Kg		105	67 - 132
Bromochloromethane	50.0	54.3		ug/Kg		109	80 - 127
Bromodichloromethane	50.0	54.7		ug/Kg		109	80 - 137
Bromoform	50.0	56.5		ug/Kg		113	80 - 136
Bromomethane	50.0	65.5		ug/Kg		131	48 - 164
2-Butanone (MEK)	50.0	53.1		ug/Kg		106	71 - 142
n-Butylbenzene	50.0	52.9		ug/Kg		106	68 - 136
sec-Butylbenzene	50.0	53.0		ug/Kg		106	68 - 131
tert-Butylbenzene	50.0	53.2		ug/Kg		106	67 - 131
Carbon tetrachloride	50.0	55.4		ug/Kg		111	62 - 154
Carbon disulfide	50.0	51.0		ug/Kg		102	52 - 145
Chlorobenzene	50.0	51.2		ug/Kg		102	74 - 125
Chloroethane	50.0	53.4		ug/Kg		107	54 - 148
Chloroform	50.0	53.0		ug/Kg		106	78 - 135

Eurofins TestAmerica, Sacramento

QC Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-1

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

Lab Sample ID: LCS 320-534221/7

Matrix: Solid

Analysis Batch: 534221

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	41.0		ug/Kg		82	60 - 141
2-Chlorotoluene	50.0	51.0		ug/Kg		102	64 - 127
4-Chlorotoluene	50.0	51.4		ug/Kg		103	67 - 128
1,2-Dibromo-3-Chloropropane	50.0	55.2		ug/Kg		110	75 - 137
1,2-Dibromoethane (EDB)	50.0	54.7		ug/Kg		109	80 - 124
Dibromomethane	50.0	54.3		ug/Kg		109	80 - 129
1,2-Dichlorobenzene	50.0	52.9		ug/Kg		106	68 - 121
1,3-Dichlorobenzene	50.0	53.0		ug/Kg		106	64 - 126
1,4-Dichlorobenzene	50.0	52.5		ug/Kg		105	65 - 124
Dibromochloromethane	50.0	55.3		ug/Kg		111	80 - 133
Dichlorodifluoromethane	50.0	41.2		ug/Kg		82	60 - 130
1,1-Dichloroethane	50.0	51.6		ug/Kg		103	76 - 134
1,2-Dichloroethane	50.0	53.2		ug/Kg		106	66 - 150
cis-1,2-Dichloroethene	50.0	54.4		ug/Kg		109	74 - 131
trans-1,2-Dichloroethene	50.0	53.2		ug/Kg		106	67 - 135
1,1-Dichloroethene	50.0	52.3		ug/Kg		105	66 - 136
1,2-Dichloropropane	50.0	51.4		ug/Kg		103	80 - 129
1,3-Dichloropropane	50.0	51.7		ug/Kg		103	80 - 123
2,2-Dichloropropane	50.0	54.4		ug/Kg		109	69 - 153
cis-1,3-Dichloropropene	50.0	52.5		ug/Kg		105	80 - 134
trans-1,3-Dichloropropene	50.0	54.1		ug/Kg		108	80 - 148
1,1-Dichloropropene	50.0	52.1		ug/Kg		104	76 - 132
Ethylbenzene	50.0	50.7		ug/Kg		101	72 - 125
Hexachlorobutadiene	50.0	55.2		ug/Kg		110	52 - 140
Isopropylbenzene	50.0	51.6		ug/Kg		103	69 - 137
p-Isopropyltoluene	50.0	52.9		ug/Kg		106	64 - 137
2-Hexanone	50.0	54.4		ug/Kg		109	78 - 143
Methylene Chloride	50.0	53.8		ug/Kg		108	77 - 125
Naphthalene	50.0	55.7		ug/Kg		111	53 - 140
N-Propylbenzene	50.0	51.5		ug/Kg		103	63 - 128
Styrene	50.0	52.5		ug/Kg		105	79 - 128
1,1,1,2-Tetrachloroethane	50.0	53.8		ug/Kg		108	77 - 134
4-Methyl-2-pentanone (MIBK)	50.0	52.3		ug/Kg		105	79 - 150
1,1,2,2-Tetrachloroethane	50.0	54.9		ug/Kg		110	71 - 134
Tetrachloroethene	50.0	54.1		ug/Kg		108	65 - 135
Toluene	50.0	53.3		ug/Kg		107	80 - 124
1,2,3-Trichlorobenzene	50.0	54.6		ug/Kg		109	54 - 140
1,2,4-Trichlorobenzene	50.0	55.5		ug/Kg		111	48 - 145
1,1,1-Trichloroethane	50.0	54.0		ug/Kg		108	67 - 150
1,1,2-Trichloroethane	50.0	54.6		ug/Kg		109	80 - 128
Trichloroethene	50.0	53.4		ug/Kg		107	80 - 126
Trichlorofluoromethane	50.0	53.8		ug/Kg		108	43 - 158
1,2,3-Trichloropropane	50.0	54.1		ug/Kg		108	71 - 132
1,2,4-Trimethylbenzene	50.0	52.4		ug/Kg		105	64 - 137
1,3,5-Trimethylbenzene	50.0	52.2		ug/Kg		104	66 - 135
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	53.3		ug/Kg		107	62 - 138
Vinyl chloride	50.0	45.9		ug/Kg		92	67 - 127
m-Xylene & p-Xylene	50.0	51.1		ug/Kg		102	73 - 128

Eurofins TestAmerica, Sacramento

QC Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-1

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

Lab Sample ID: LCS 320-534221/7

Matrix: Solid

Analysis Batch: 534221

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
o-Xylene	50.0	51.1		ug/Kg		102	76 - 127
Vinyl acetate	50.0	53.0		ug/Kg		106	39 - 160
Xylenes, Total	100	102		ug/Kg		102	75 - 122
Methyl tert-butyl ether	50.0	61.3		ug/Kg		123	66 - 146

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		63 - 143
1,2-Dichloroethane-d4 (Surr)	95		32 - 156
Toluene-d8 (Surr)	103		63 - 138
Dibromofluoromethane (Surr)	99		55 - 129

Lab Sample ID: LCSD 320-534221/8

Matrix: Solid

Analysis Batch: 534221

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
Acetone	50.0	55.9		ug/Kg		112	64 - 128	9	36
Benzene	50.0	47.2		ug/Kg		94	78 - 128	11	37
Bromobenzene	50.0	48.8		ug/Kg		98	67 - 132	7	40
Bromochloromethane	50.0	48.3		ug/Kg		97	80 - 127	12	36
Bromodichloromethane	50.0	49.3		ug/Kg		99	80 - 137	10	37
Bromoform	50.0	52.4		ug/Kg		105	80 - 136	8	45
Bromomethane	50.0	56.8		ug/Kg		114	48 - 164	14	38
2-Butanone (MEK)	50.0	50.3		ug/Kg		101	71 - 142	5	44
n-Butylbenzene	50.0	47.5		ug/Kg		95	68 - 136	11	37
sec-Butylbenzene	50.0	48.0		ug/Kg		96	68 - 131	10	40
tert-Butylbenzene	50.0	47.4		ug/Kg		95	67 - 131	12	42
Carbon tetrachloride	50.0	50.8		ug/Kg		102	62 - 154	9	43
Carbon disulfide	50.0	46.1		ug/Kg		92	52 - 145	10	46
Chlorobenzene	50.0	48.3		ug/Kg		97	74 - 125	6	38
Chloroethane	50.0	48.8		ug/Kg		98	54 - 148	9	34
Chloroform	50.0	47.6		ug/Kg		95	78 - 135	11	23
Chloromethane	50.0	36.9		ug/Kg		74	60 - 141	10	36
2-Chlorotoluene	50.0	46.7		ug/Kg		93	64 - 127	9	41
4-Chlorotoluene	50.0	47.5		ug/Kg		95	67 - 128	8	40
1,2-Dibromo-3-Chloropropane	50.0	49.1		ug/Kg		98	75 - 137	12	48
1,2-Dibromoethane (EDB)	50.0	50.3		ug/Kg		101	80 - 124	8	39
Dibromomethane	50.0	48.8		ug/Kg		98	80 - 129	11	37
1,2-Dichlorobenzene	50.0	48.5		ug/Kg		97	68 - 121	9	28
1,3-Dichlorobenzene	50.0	48.7		ug/Kg		97	64 - 126	8	41
1,4-Dichlorobenzene	50.0	48.7		ug/Kg		97	65 - 124	8	38
Dibromochloromethane	50.0	50.8		ug/Kg		102	80 - 133	9	24
Dichlorodifluoromethane	50.0	36.2		ug/Kg		72	60 - 130	13	46
1,1-Dichloroethane	50.0	46.1		ug/Kg		92	76 - 134	11	24
1,2-Dichloroethane	50.0	48.4		ug/Kg		97	66 - 150	9	36
cis-1,2-Dichloroethene	50.0	47.4		ug/Kg		95	74 - 131	14	37
trans-1,2-Dichloroethene	50.0	47.8		ug/Kg		96	67 - 135	11	37
1,1-Dichloroethene	50.0	47.2		ug/Kg		94	66 - 136	10	42

Eurofins TestAmerica, Sacramento

QC Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-1

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

Lab Sample ID: LCSD 320-534221/8

Matrix: Solid

Analysis Batch: 534221

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2-Dichloropropane	50.0	46.1		ug/Kg		92	80 - 129	11	38
1,3-Dichloropropane	50.0	48.4		ug/Kg		97	80 - 123	7	39
2,2-Dichloropropane	50.0	46.4		ug/Kg		93	69 - 153	16	47
cis-1,3-Dichloropropene	50.0	47.8		ug/Kg		96	80 - 134	9	39
trans-1,3-Dichloropropene	50.0	50.4		ug/Kg		101	80 - 148	7	42
1,1-Dichloropropene	50.0	47.2		ug/Kg		94	76 - 132	10	38
Ethylbenzene	50.0	48.1		ug/Kg		96	72 - 125	5	41
Hexachlorobutadiene	50.0	49.1		ug/Kg		98	52 - 140	12	38
Isopropylbenzene	50.0	48.2		ug/Kg		96	69 - 137	7	41
p-Isopropyltoluene	50.0	47.9		ug/Kg		96	64 - 137	10	40
2-Hexanone	50.0	53.5		ug/Kg		107	78 - 143	2	73
Methylene Chloride	50.0	47.7		ug/Kg		95	77 - 125	12	25
Naphthalene	50.0	48.3		ug/Kg		97	53 - 140	14	46
N-Propylbenzene	50.0	47.8		ug/Kg		96	63 - 128	7	42
Styrene	50.0	49.6		ug/Kg		99	79 - 128	6	40
1,1,1,2-Tetrachloroethane	50.0	49.4		ug/Kg		99	77 - 134	9	25
4-Methyl-2-pentanone (MIBK)	50.0	49.1		ug/Kg		98	79 - 150	6	48
1,1,2,2-Tetrachloroethane	50.0	47.4		ug/Kg		95	71 - 134	15	31
Tetrachloroethene	50.0	50.6		ug/Kg		101	65 - 135	7	39
Toluene	50.0	48.7		ug/Kg		97	80 - 124	9	39
1,2,3-Trichlorobenzene	50.0	48.4		ug/Kg		97	54 - 140	12	42
1,2,4-Trichlorobenzene	50.0	48.3		ug/Kg		97	48 - 145	14	39
1,1,1-Trichloroethane	50.0	48.6		ug/Kg		97	67 - 150	11	43
1,1,2-Trichloroethane	50.0	48.6		ug/Kg		97	80 - 128	12	41
Trichloroethene	50.0	48.3		ug/Kg		97	80 - 126	10	40
Trichlorofluoromethane	50.0	47.9		ug/Kg		96	43 - 158	12	32
1,2,3-Trichloropropane	50.0	48.9		ug/Kg		98	71 - 132	10	41
1,2,4-Trimethylbenzene	50.0	47.8		ug/Kg		96	64 - 137	9	41
1,3,5-Trimethylbenzene	50.0	47.3		ug/Kg		95	66 - 135	10	42
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	48.1		ug/Kg		96	62 - 138	10	22
Vinyl chloride	50.0	40.9		ug/Kg		82	67 - 127	12	37
m-Xylene & p-Xylene	50.0	47.6		ug/Kg		95	73 - 128	7	40
o-Xylene	50.0	47.5		ug/Kg		95	76 - 127	7	40
Vinyl acetate	50.0	47.2		ug/Kg		94	39 - 160	11	50
Xylenes, Total	100	95.1		ug/Kg		95	75 - 122	7	15
Methyl tert-butyl ether	50.0	53.4		ug/Kg		107	66 - 146	14	45

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		63 - 143
1,2-Dichloroethane-d4 (Surr)	89		32 - 156
Toluene-d8 (Surr)	101		63 - 138
Dibromofluoromethane (Surr)	94		55 - 129

QC Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-1

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

Lab Sample ID: MB 320-535612/11

Matrix: Water

Analysis Batch: 535612

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	ug/L			10/20/21 13:34	1
Benzene	ND		0.50	ug/L			10/20/21 13:34	1
Bromobenzene	ND		1.0	ug/L			10/20/21 13:34	1
Bromochloromethane	ND		1.0	ug/L			10/20/21 13:34	1
Bromodichloromethane	ND		0.50	ug/L			10/20/21 13:34	1
Bromoform	ND		1.0	ug/L			10/20/21 13:34	1
Bromomethane	ND		1.0	ug/L			10/20/21 13:34	1
2-Butanone (MEK)	ND		2.0	ug/L			10/20/21 13:34	1
n-Butylbenzene	ND		1.0	ug/L			10/20/21 13:34	1
sec-Butylbenzene	ND		1.0	ug/L			10/20/21 13:34	1
tert-Butylbenzene	ND		1.0	ug/L			10/20/21 13:34	1
Carbon tetrachloride	ND		0.50	ug/L			10/20/21 13:34	1
Carbon disulfide	ND		2.0	ug/L			10/20/21 13:34	1
Chlorobenzene	ND		0.50	ug/L			10/20/21 13:34	1
Chloroethane	ND		1.0	ug/L			10/20/21 13:34	1
Chloroform	ND		1.0	ug/L			10/20/21 13:34	1
Chloromethane	ND		1.0	ug/L			10/20/21 13:34	1
2-Chlorotoluene	ND		0.50	ug/L			10/20/21 13:34	1
4-Chlorotoluene	ND		0.50	ug/L			10/20/21 13:34	1
1,2-Dibromo-3-Chloropropane	ND		1.0	ug/L			10/20/21 13:34	1
1,2-Dibromoethane (EDB)	ND		0.50	ug/L			10/20/21 13:34	1
Dibromomethane	ND		0.50	ug/L			10/20/21 13:34	1
1,2-Dichlorobenzene	ND		0.50	ug/L			10/20/21 13:34	1
1,3-Dichlorobenzene	ND		0.50	ug/L			10/20/21 13:34	1
1,4-Dichlorobenzene	ND		0.50	ug/L			10/20/21 13:34	1
Dibromochloromethane	ND		0.50	ug/L			10/20/21 13:34	1
Dichlorodifluoromethane	ND		1.0	ug/L			10/20/21 13:34	1
1,1-Dichloroethane	ND		0.50	ug/L			10/20/21 13:34	1
1,2-Dichloroethane	ND		0.50	ug/L			10/20/21 13:34	1
cis-1,2-Dichloroethene	ND		0.50	ug/L			10/20/21 13:34	1
trans-1,2-Dichloroethene	ND		0.50	ug/L			10/20/21 13:34	1
1,1-Dichloroethene	ND		0.50	ug/L			10/20/21 13:34	1
1,2-Dichloropropane	ND		0.50	ug/L			10/20/21 13:34	1
1,3-Dichloropropane	ND		1.0	ug/L			10/20/21 13:34	1
2,2-Dichloropropane	ND		1.0	ug/L			10/20/21 13:34	1
cis-1,3-Dichloropropene	ND		0.50	ug/L			10/20/21 13:34	1
trans-1,3-Dichloropropene	ND		0.50	ug/L			10/20/21 13:34	1
1,1-Dichloropropene	ND		0.50	ug/L			10/20/21 13:34	1
Ethylbenzene	ND		0.50	ug/L			10/20/21 13:34	1
Hexachlorobutadiene	ND		1.0	ug/L			10/20/21 13:34	1
Isopropylbenzene	ND		0.50	ug/L			10/20/21 13:34	1
p-Isopropyltoluene	ND		1.0	ug/L			10/20/21 13:34	1
2-Hexanone	ND		2.0	ug/L			10/20/21 13:34	1
Methylene Chloride	ND		1.0	ug/L			10/20/21 13:34	1
Naphthalene	ND		1.0	ug/L			10/20/21 13:34	1
N-Propylbenzene	ND		1.0	ug/L			10/20/21 13:34	1
Styrene	ND		0.50	ug/L			10/20/21 13:34	1
1,1,1,2-Tetrachloroethane	ND		0.50	ug/L			10/20/21 13:34	1

Eurofins TestAmerica, Sacramento

QC Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-1

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

Lab Sample ID: MB 320-535612/11

Matrix: Water

Analysis Batch: 535612

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methyl-2-pentanone (MIBK)	ND		2.0	ug/L			10/20/21 13:34	1
1,1,2,2-Tetrachloroethane	ND		0.50	ug/L			10/20/21 13:34	1
Tetrachloroethene	ND		0.50	ug/L			10/20/21 13:34	1
Toluene	ND		0.50	ug/L			10/20/21 13:34	1
1,2,3-Trichlorobenzene	ND		1.0	ug/L			10/20/21 13:34	1
1,2,4-Trichlorobenzene	ND		1.0	ug/L			10/20/21 13:34	1
1,1,1-Trichloroethane	ND		0.50	ug/L			10/20/21 13:34	1
1,1,2-Trichloroethane	ND		0.50	ug/L			10/20/21 13:34	1
Trichloroethene	ND		0.50	ug/L			10/20/21 13:34	1
Trichlorofluoromethane	ND		1.0	ug/L			10/20/21 13:34	1
1,2,3-Trichloropropane	ND		1.0	ug/L			10/20/21 13:34	1
1,2,4-Trimethylbenzene	ND		1.0	ug/L			10/20/21 13:34	1
1,3,5-Trimethylbenzene	ND		0.50	ug/L			10/20/21 13:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	ug/L			10/20/21 13:34	1
Vinyl chloride	ND		0.50	ug/L			10/20/21 13:34	1
m-Xylene & p-Xylene	ND		0.50	ug/L			10/20/21 13:34	1
o-Xylene	ND		0.50	ug/L			10/20/21 13:34	1
Vinyl acetate	ND		2.0	ug/L			10/20/21 13:34	1
Xylenes, Total	ND		0.50	ug/L			10/20/21 13:34	1
Methyl tert-butyl ether	ND		0.50	ug/L			10/20/21 13:34	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		74 - 120		10/20/21 13:34	1
1,2-Dichloroethane-d4 (Surr)	92		72 - 123		10/20/21 13:34	1
Toluene-d8 (Surr)	99		78 - 120		10/20/21 13:34	1
Dibromofluoromethane (Surr)	99		80 - 123		10/20/21 13:34	1

Lab Sample ID: LCS 320-535612/6

Matrix: Water

Analysis Batch: 535612

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	50.0	34.7		ug/L		69	55 - 145
Benzene	20.0	20.5		ug/L		102	79 - 120
Bromobenzene	20.0	20.9		ug/L		104	80 - 120
Bromochloromethane	20.0	20.0		ug/L		100	80 - 120
Bromodichloromethane	20.0	20.1		ug/L		100	80 - 124
Bromoform	20.0	22.7		ug/L		114	80 - 120
Bromomethane	20.0	23.5		ug/L		118	65 - 132
2-Butanone (MEK)	50.0	48.1		ug/L		96	66 - 129
n-Butylbenzene	20.0	18.8		ug/L		94	72 - 120
sec-Butylbenzene	20.0	19.8		ug/L		99	77 - 120
tert-Butylbenzene	20.0	20.8		ug/L		104	78 - 120
Carbon tetrachloride	20.0	23.4		ug/L		117	78 - 124
Carbon disulfide	20.0	21.1		ug/L		106	65 - 121
Chlorobenzene	20.0	19.9		ug/L		100	78 - 120
Chloroethane	20.0	23.4		ug/L		117	65 - 123
Chloroform	20.0	20.3		ug/L		101	80 - 120

Eurofins TestAmerica, Sacramento

QC Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-1

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

Lab Sample ID: LCS 320-535612/6

Matrix: Water

Analysis Batch: 535612

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloromethane	20.0	23.9		ug/L		119	62 - 129
2-Chlorotoluene	20.0	19.9		ug/L		100	79 - 120
4-Chlorotoluene	20.0	20.6		ug/L		103	80 - 121
1,2-Dibromo-3-Chloropropane	20.0	18.4		ug/L		92	66 - 121
1,2-Dibromoethane (EDB)	20.0	19.8		ug/L		99	78 - 120
Dibromomethane	20.0	20.3		ug/L		101	80 - 121
1,2-Dichlorobenzene	20.0	19.2		ug/L		96	77 - 120
1,3-Dichlorobenzene	20.0	20.0		ug/L		100	78 - 120
1,4-Dichlorobenzene	20.0	20.4		ug/L		102	74 - 120
Dibromochloromethane	20.0	21.6		ug/L		108	80 - 122
Dichlorodifluoromethane	20.0	20.8		ug/L		104	39 - 161
1,1-Dichloroethane	20.0	20.7		ug/L		104	79 - 120
1,2-Dichloroethane	20.0	19.4		ug/L		97	77 - 128
cis-1,2-Dichloroethene	20.0	20.8		ug/L		104	78 - 120
trans-1,2-Dichloroethene	20.0	20.9		ug/L		104	76 - 120
1,1-Dichloroethene	20.0	21.8		ug/L		109	74 - 120
1,2-Dichloropropane	20.0	20.6		ug/L		103	75 - 125
1,3-Dichloropropane	20.0	19.7		ug/L		99	79 - 120
2,2-Dichloropropane	20.0	18.8		ug/L		94	75 - 127
cis-1,3-Dichloropropene	20.0	20.4		ug/L		102	80 - 131
trans-1,3-Dichloropropene	20.0	21.8		ug/L		109	75 - 133
1,1-Dichloropropene	20.0	20.7		ug/L		104	77 - 120
Ethylbenzene	20.0	19.5		ug/L		97	80 - 120
Hexachlorobutadiene	20.0	19.5		ug/L		98	69 - 120
Isopropylbenzene	20.0	18.8		ug/L		94	80 - 121
p-Isopropyltoluene	20.0	20.1		ug/L		101	76 - 120
2-Hexanone	50.0	63.6		ug/L		127	54 - 128
Methylene Chloride	20.0	19.8		ug/L		99	77 - 120
Naphthalene	20.0	18.0		ug/L		90	56 - 143
N-Propylbenzene	20.0	20.0		ug/L		100	76 - 120
Styrene	20.0	20.6		ug/L		103	80 - 120
1,1,1,2-Tetrachloroethane	20.0	20.6		ug/L		103	79 - 120
4-Methyl-2-pentanone (MIBK)	50.0	59.8		ug/L		120	64 - 128
1,1,2,2-Tetrachloroethane	20.0	19.2		ug/L		96	74 - 137
Tetrachloroethene	20.0	20.9		ug/L		105	74 - 120
Toluene	20.0	20.5		ug/L		102	79 - 126
1,2,3-Trichlorobenzene	20.0	18.6		ug/L		93	47 - 162
1,2,4-Trichlorobenzene	20.0	18.1		ug/L		91	61 - 130
1,1,1-Trichloroethane	20.0	20.8		ug/L		104	79 - 121
1,1,2-Trichloroethane	20.0	19.8		ug/L		99	79 - 127
Trichloroethene	20.0	21.4		ug/L		107	74 - 120
Trichlorofluoromethane	20.0	21.5		ug/L		108	60 - 135
1,2,3-Trichloropropane	20.0	20.0		ug/L		100	73 - 120
1,2,4-Trimethylbenzene	20.0	19.6		ug/L		98	76 - 120
1,3,5-Trimethylbenzene	20.0	19.9		ug/L		99	79 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	23.1		ug/L		116	64 - 125
Vinyl chloride	20.0	22.7		ug/L		113	68 - 121
m-Xylene & p-Xylene	20.0	19.3		ug/L		96	80 - 121

Eurofins TestAmerica, Sacramento

QC Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-1

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

Lab Sample ID: LCS 320-535612/6

Matrix: Water

Analysis Batch: 535612

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
o-Xylene	20.0	18.9		ug/L		94	80 - 124
Vinyl acetate	20.0	18.9		ug/L		94	64 - 136
Xylenes, Total	40.0	38.2		ug/L		96	80 - 123
Methyl tert-butyl ether	20.0	18.9		ug/L		94	71 - 125

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	91		74 - 120
1,2-Dichloroethane-d4 (Surr)	86		72 - 123
Toluene-d8 (Surr)	99		78 - 120
Dibromofluoromethane (Surr)	97		80 - 123

Lab Sample ID: LCSD 320-535612/7

Matrix: Water

Analysis Batch: 535612

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
Acetone	50.0	33.7		ug/L		67	55 - 145	3	49
Benzene	20.0	20.0		ug/L		100	79 - 120	2	21
Bromobenzene	20.0	20.1		ug/L		101	80 - 120	4	17
Bromochloromethane	20.0	17.6		ug/L		88	80 - 120	13	19
Bromodichloromethane	20.0	20.2		ug/L		101	80 - 124	1	20
Bromoform	20.0	23.3		ug/L		117	80 - 120	2	16
Bromomethane	20.0	21.9		ug/L		109	65 - 132	7	40
2-Butanone (MEK)	50.0	48.4		ug/L		97	66 - 129	0	34
n-Butylbenzene	20.0	17.8		ug/L		89	72 - 120	5	25
sec-Butylbenzene	20.0	19.3		ug/L		97	77 - 120	2	19
tert-Butylbenzene	20.0	20.3		ug/L		102	78 - 120	3	19
Carbon tetrachloride	20.0	22.1		ug/L		111	78 - 124	6	25
Carbon disulfide	20.0	19.3		ug/L		96	65 - 121	9	26
Chlorobenzene	20.0	19.8		ug/L		99	78 - 120	1	15
Chloroethane	20.0	21.3		ug/L		107	65 - 123	9	40
Chloroform	20.0	19.3		ug/L		96	80 - 120	5	22
Chloromethane	20.0	21.1		ug/L		105	62 - 129	12	25
2-Chlorotoluene	20.0	19.6		ug/L		98	79 - 120	1	19
4-Chlorotoluene	20.0	19.8		ug/L		99	80 - 121	4	19
1,2-Dibromo-3-Chloropropane	20.0	20.6		ug/L		103	66 - 121	11	33
1,2-Dibromoethane (EDB)	20.0	20.4		ug/L		102	78 - 120	3	15
Dibromomethane	20.0	17.4		ug/L		87	80 - 121	15	17
1,2-Dichlorobenzene	20.0	19.2		ug/L		96	77 - 120	0	19
1,3-Dichlorobenzene	20.0	19.4		ug/L		97	78 - 120	3	17
1,4-Dichlorobenzene	20.0	19.7		ug/L		98	74 - 120	4	15
Dibromochloromethane	20.0	22.0		ug/L		110	80 - 122	2	17
Dichlorodifluoromethane	20.0	19.5		ug/L		97	39 - 161	7	51
1,1-Dichloroethane	20.0	18.2		ug/L		91	79 - 120	13	21
1,2-Dichloroethane	20.0	16.6		ug/L		83	77 - 128	16	25
cis-1,2-Dichloroethene	20.0	18.8		ug/L		94	78 - 120	10	18
trans-1,2-Dichloroethene	20.0	18.9		ug/L		95	76 - 120	10	20
1,1-Dichloroethene	20.0	19.9		ug/L		100	74 - 120	9	22

Eurofins TestAmerica, Sacramento

QC Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-1

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

Lab Sample ID: LCSD 320-535612/7

Matrix: Water

Analysis Batch: 535612

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2-Dichloropropane	20.0	18.9		ug/L		94	75 - 125	9	27
1,3-Dichloropropane	20.0	19.9		ug/L		100	79 - 120	1	15
2,2-Dichloropropane	20.0	17.4		ug/L		87	75 - 127	8	25
cis-1,3-Dichloropropene	20.0	20.4		ug/L		102	80 - 131	0	24
trans-1,3-Dichloropropene	20.0	21.5		ug/L		108	75 - 133	1	29
1,1-Dichloropropene	20.0	19.7		ug/L		98	77 - 120	5	20
Ethylbenzene	20.0	19.5		ug/L		98	80 - 120	0	15
Hexachlorobutadiene	20.0	18.0		ug/L		90	69 - 120	8	30
Isopropylbenzene	20.0	19.0		ug/L		95	80 - 121	1	17
p-Isopropyltoluene	20.0	19.5		ug/L		97	76 - 120	3	18
2-Hexanone	50.0	59.6		ug/L		119	54 - 128	6	31
Methylene Chloride	20.0	17.3		ug/L		87	77 - 120	13	20
Naphthalene	20.0	20.7		ug/L		103	56 - 143	14	48
N-Propylbenzene	20.0	19.3		ug/L		96	76 - 120	4	26
Styrene	20.0	20.9		ug/L		105	80 - 120	1	15
1,1,1,2-Tetrachloroethane	20.0	22.0		ug/L		110	79 - 120	7	23
4-Methyl-2-pentanone (MIBK)	50.0	59.6		ug/L		119	64 - 128	0	33
1,1,2,2-Tetrachloroethane	20.0	20.8		ug/L		104	74 - 137	8	27
Tetrachloroethene	20.0	20.1		ug/L		101	74 - 120	4	18
Toluene	20.0	19.7		ug/L		99	79 - 126	4	20
1,2,3-Trichlorobenzene	20.0	19.6		ug/L		98	47 - 162	6	45
1,2,4-Trichlorobenzene	20.0	18.6		ug/L		93	61 - 130	3	40
1,1,1-Trichloroethane	20.0	19.8		ug/L		99	79 - 121	5	25
1,1,2-Trichloroethane	20.0	19.9		ug/L		99	79 - 127	0	30
Trichloroethene	20.0	19.4		ug/L		97	74 - 120	10	20
Trichlorofluoromethane	20.0	19.8		ug/L		99	60 - 135	8	41
1,2,3-Trichloropropane	20.0	20.8		ug/L		104	73 - 120	4	22
1,2,4-Trimethylbenzene	20.0	19.7		ug/L		99	76 - 120	1	17
1,3,5-Trimethylbenzene	20.0	19.9		ug/L		99	79 - 120	0	20
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	21.1		ug/L		106	64 - 125	9	40
Vinyl chloride	20.0	21.0		ug/L		105	68 - 121	8	33
m-Xylene & p-Xylene	20.0	19.2		ug/L		96	80 - 121	0	15
o-Xylene	20.0	19.2		ug/L		96	80 - 124	2	18
Vinyl acetate	20.0	15.8		ug/L		79	64 - 136	18	30
Xylenes, Total	40.0	38.4		ug/L		96	80 - 123	1	16
Methyl tert-butyl ether	20.0	15.9		ug/L		79	71 - 125	17	24

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	93		74 - 120
1,2-Dichloroethane-d4 (Surr)	78		72 - 123
Toluene-d8 (Surr)	101		78 - 120
Dibromofluoromethane (Surr)	92		80 - 123

QC Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-1

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 320-534009/10

Matrix: Solid

Analysis Batch: 534009

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C4-C12	ND		0.50	mg/Kg			10/14/21 15:17	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 131				10/14/21 15:17	1

Lab Sample ID: LCS 320-534009/6

Matrix: Solid

Analysis Batch: 534009

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)-C4-C12	1.00	0.908		mg/Kg		91	79 - 123
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	101		70 - 131				

Lab Sample ID: LCSD 320-534009/31

Matrix: Solid

Analysis Batch: 534009

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
Gasoline Range Organics (GRO)-C4-C12	1.00	1.06		mg/Kg		106	79 - 123	15	30
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
4-Bromofluorobenzene (Surr)	100		70 - 131						

Lab Sample ID: MB 320-534220/10

Matrix: Solid

Analysis Batch: 534220

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C4-C12	ND		0.50	mg/Kg			10/15/21 13:09	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 131				10/15/21 13:09	1

Lab Sample ID: LCS 320-534220/5

Matrix: Solid

Analysis Batch: 534220

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)-C4-C12	1.00	0.961		mg/Kg		96	79 - 123

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QC Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-1

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

Lab Sample ID: LCS 320-534220/5

Matrix: Solid

Analysis Batch: 534220

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 131

Lab Sample ID: LCSD 320-534220/6

Matrix: Solid

Analysis Batch: 534220

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
Gasoline Range Organics (GRO)-C4-C12	1.00	0.935		mg/Kg		94	79 - 123	3	30

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 131

Lab Sample ID: MB 320-534231/7

Matrix: Solid

Analysis Batch: 534231

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C4-C12	ND		0.50	mg/Kg			10/15/21 12:34	1

	MB	MB		Prepared	Analyzed	Dil Fac
Surrogate	%Recovery	Qualifier	Limits			
4-Bromofluorobenzene (Surr)	108		70 - 131		10/15/21 12:34	1

Lab Sample ID: LCS 320-534231/4

Matrix: Solid

Analysis Batch: 534231

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)-C4-C12	1.00	0.943		mg/Kg		94	79 - 123

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 131

Lab Sample ID: LCSD 320-534231/5

Matrix: Solid

Analysis Batch: 534231

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
Gasoline Range Organics (GRO)-C4-C12	1.00	0.937		mg/Kg		94	79 - 123	1	30

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 131

QC Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-1

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

Lab Sample ID: MB 320-533932/1-A

Matrix: Solid

Analysis Batch: 534054

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 533932

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		1.0	mg/Kg		10/14/21 10:03	10/15/21 12:48	1
Motor Oil Range Organics [C28-C40]	ND		5.0	mg/Kg		10/14/21 10:03	10/15/21 12:48	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
o-Terphenyl (Surr)	63		51 - 111			10/14/21 10:03	10/15/21 12:48	1

Lab Sample ID: LCS 320-533932/2-A

Matrix: Solid

Analysis Batch: 534054

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 533932

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Diesel Range Organics [C10-C28]	10.0	9.05		mg/Kg		90	57 - 132
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
o-Terphenyl (Surr)	70		51 - 111				

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 320-533566/1-A

Matrix: Solid

Analysis Batch: 534518

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 533566

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.50	mg/Kg		10/14/21 15:01	10/15/21 12:48	1
Arsenic	ND		2.0	mg/Kg		10/14/21 15:01	10/15/21 12:48	1
Barium	ND		1.0	mg/Kg		10/14/21 15:01	10/15/21 12:48	1
Beryllium	ND		0.20	mg/Kg		10/14/21 15:01	10/15/21 12:48	1
Cadmium	ND		0.20	mg/Kg		10/14/21 15:01	10/15/21 12:48	1
Cobalt	ND		0.50	mg/Kg		10/14/21 15:01	10/15/21 12:48	1
Chromium	ND		0.50	mg/Kg		10/14/21 15:01	10/15/21 12:48	1
Copper	ND		1.5	mg/Kg		10/14/21 15:01	10/15/21 12:48	1
Molybdenum	ND		2.0	mg/Kg		10/14/21 15:01	10/15/21 12:48	1
Nickel	ND		1.0	mg/Kg		10/14/21 15:01	10/15/21 12:48	1
Lead	ND		1.0	mg/Kg		10/14/21 15:01	10/15/21 12:48	1
Selenium	ND		2.0	mg/Kg		10/14/21 15:01	10/15/21 12:48	1
Antimony	ND		2.0	mg/Kg		10/14/21 15:01	10/15/21 12:48	1
Thallium	ND		2.0	mg/Kg		10/14/21 15:01	10/15/21 12:48	1
Vanadium	ND		0.50	mg/Kg		10/14/21 15:01	10/15/21 12:48	1
Zinc	ND		2.0	mg/Kg		10/14/21 15:01	10/15/21 12:48	1

Lab Sample ID: LCS 320-533566/2-A

Matrix: Solid

Analysis Batch: 534518

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 533566

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Silver	5.05	4.48		mg/Kg		89	80 - 120
Arsenic	50.0	43.1		mg/Kg		86	80 - 120
Barium	50.0	44.9		mg/Kg		90	80 - 120

Eurofins TestAmerica, Sacramento

QC Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-1

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

Lab Sample ID: LCS 320-533566/2-A

Matrix: Solid

Analysis Batch: 534518

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 533566

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Beryllium	25.0	22.9		mg/Kg		91	80 - 120
Cadmium	25.0	23.0		mg/Kg		92	80 - 120
Cobalt	25.0	23.1		mg/Kg		93	80 - 120
Chromium	25.0	23.0		mg/Kg		92	80 - 120
Copper	25.0	22.4		mg/Kg		90	80 - 120
Molybdenum	25.0	22.5		mg/Kg		90	80 - 120
Nickel	25.0	22.7		mg/Kg		91	80 - 120
Lead	25.0	23.1		mg/Kg		92	80 - 120
Selenium	50.0	42.3		mg/Kg		85	80 - 120
Antimony	50.0	43.1		mg/Kg		86	80 - 120
Thallium	50.0	45.6		mg/Kg		91	80 - 120
Vanadium	25.0	22.8		mg/Kg		91	80 - 120
Zinc	49.9	46.5		mg/Kg		93	80 - 120

Lab Sample ID: MB 320-533873/1-A

Matrix: Solid

Analysis Batch: 534187

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 533873

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.50	mg/Kg		10/14/21 06:30	10/14/21 16:51	1
Arsenic	ND		2.0	mg/Kg		10/14/21 06:30	10/14/21 16:51	1
Barium	ND		1.0	mg/Kg		10/14/21 06:30	10/14/21 16:51	1
Beryllium	ND		0.20	mg/Kg		10/14/21 06:30	10/14/21 16:51	1
Cadmium	ND		0.20	mg/Kg		10/14/21 06:30	10/14/21 16:51	1
Cobalt	ND		0.50	mg/Kg		10/14/21 06:30	10/14/21 16:51	1
Chromium	ND		0.50	mg/Kg		10/14/21 06:30	10/14/21 16:51	1
Copper	ND		1.5	mg/Kg		10/14/21 06:30	10/14/21 16:51	1
Molybdenum	ND		2.0	mg/Kg		10/14/21 06:30	10/14/21 16:51	1
Nickel	ND		1.0	mg/Kg		10/14/21 06:30	10/14/21 16:51	1
Lead	ND		1.0	mg/Kg		10/14/21 06:30	10/14/21 16:51	1
Selenium	ND		2.0	mg/Kg		10/14/21 06:30	10/14/21 16:51	1
Antimony	ND		2.0	mg/Kg		10/14/21 06:30	10/14/21 16:51	1
Thallium	ND		2.0	mg/Kg		10/14/21 06:30	10/14/21 16:51	1
Vanadium	ND		0.50	mg/Kg		10/14/21 06:30	10/14/21 16:51	1
Zinc	ND		2.0	mg/Kg		10/14/21 06:30	10/14/21 16:51	1

Lab Sample ID: LCS 320-533873/2-A

Matrix: Solid

Analysis Batch: 534187

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 533873

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Silver	5.05	4.95		mg/Kg		98	80 - 120
Arsenic	50.0	46.8		mg/Kg		94	80 - 120
Barium	50.0	48.2		mg/Kg		96	80 - 120
Beryllium	25.0	24.4		mg/Kg		97	80 - 120
Cadmium	25.0	24.6		mg/Kg		98	80 - 120
Cobalt	25.0	24.6		mg/Kg		98	80 - 120
Chromium	25.0	24.2		mg/Kg		97	80 - 120
Copper	25.0	24.0		mg/Kg		96	80 - 120

Eurofins TestAmerica, Sacramento

QC Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-1

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

Lab Sample ID: LCS 320-533873/2-A

Matrix: Solid

Analysis Batch: 534187

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 533873

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Molybdenum	25.0	24.4		mg/Kg		98	80 - 120
Nickel	25.0	24.4		mg/Kg		98	80 - 120
Lead	25.0	24.5		mg/Kg		98	80 - 120
Selenium	50.0	48.2		mg/Kg		96	80 - 120
Antimony	50.0	47.6		mg/Kg		95	80 - 120
Thallium	50.0	48.2		mg/Kg		96	80 - 120
Vanadium	25.0	24.5		mg/Kg		98	80 - 120
Zinc	49.9	50.6		mg/Kg		101	80 - 120

Lab Sample ID: 320-80148-1 MS

Matrix: Solid

Analysis Batch: 534187

Client Sample ID: HA-160-1-S-1.5

Prep Type: Total/NA

Prep Batch: 533873

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Silver	ND		5.05	4.50		mg/Kg		89	80 - 120
Arsenic	8.9		50.0	51.1		mg/Kg		84	80 - 120
Barium	90	F1	50.0	119	F1	mg/Kg		57	80 - 120
Beryllium	2.2		25.0	24.0		mg/Kg		87	80 - 120
Cadmium	ND		25.0	21.8		mg/Kg		87	80 - 120
Cobalt	23		25.0	44.3		mg/Kg		86	80 - 120
Chromium	180		25.0	185	4	mg/Kg		36	80 - 120
Copper	40		25.0	62.2		mg/Kg		88	80 - 120
Molybdenum	ND		25.0	21.9		mg/Kg		87	80 - 120
Nickel	210		25.0	208	4	mg/Kg		-17	80 - 120
Lead	8.4		25.0	29.0		mg/Kg		82	80 - 120
Selenium	ND		50.0	42.2		mg/Kg		84	80 - 120
Antimony	72	F1	50.0	90.3	F1	mg/Kg		36	80 - 120
Thallium	3.0	F1	50.0	44.0		mg/Kg		82	80 - 120
Vanadium	83		25.0	110		mg/Kg		109	80 - 120
Zinc	60		49.9	102		mg/Kg		84	80 - 120

Lab Sample ID: 320-80148-1 MSD

Matrix: Solid

Analysis Batch: 534187

Client Sample ID: HA-160-1-S-1.5

Prep Type: Total/NA

Prep Batch: 533873

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Silver	ND		4.90	4.36		mg/Kg		89	80 - 120	3	35
Arsenic	8.9		48.5	50.3		mg/Kg		85	80 - 120	2	35
Barium	90	F1	48.5	149		mg/Kg		120	80 - 120	22	35
Beryllium	2.2		24.3	23.3		mg/Kg		87	80 - 120	3	35
Cadmium	ND		24.3	20.7		mg/Kg		85	80 - 120	5	35
Cobalt	23		24.3	43.8		mg/Kg		87	80 - 120	1	35
Chromium	180		24.3	213	4	mg/Kg		152	80 - 120	14	35
Copper	40		24.3	62.0		mg/Kg		89	80 - 120	0	35
Molybdenum	ND		24.3	20.7		mg/Kg		85	80 - 120	6	35
Nickel	210		24.3	243	4	mg/Kg		127	80 - 120	16	35
Lead	8.4		24.3	30.5		mg/Kg		91	80 - 120	5	35
Selenium	ND		48.6	39.6		mg/Kg		81	80 - 120	6	35
Antimony	72	F1	48.5	88.3	F1	mg/Kg		33	80 - 120	2	35

Eurofins TestAmerica, Sacramento

QC Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-1

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

Lab Sample ID: 320-80148-1 MSD

Matrix: Solid

Analysis Batch: 534187

Client Sample ID: HA-160-1-S-1.5

Prep Type: Total/NA

Prep Batch: 533873

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Thallium	3.0	F1	48.5	41.6	F1	mg/Kg		79	80 - 120	6	35
Vanadium	83		24.3	107		mg/Kg		101	80 - 120	3	35
Zinc	60		48.4	102		mg/Kg		87	80 - 120	0	35

Method: 7471A - Mercury (CVAA)

Lab Sample ID: MB 320-534348/11-A

Matrix: Solid

Analysis Batch: 534844

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 534348

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.040	mg/Kg		10/15/21 18:10	10/15/21 23:13	1

Lab Sample ID: LCS 320-534348/12-A

Matrix: Solid

Analysis Batch: 534844

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 534348

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.167	0.171		mg/Kg		102	86 - 114

Lab Sample ID: LCSD 320-534348/13-A

Matrix: Solid

Analysis Batch: 534844

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 534348

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.167	0.163		mg/Kg		98	86 - 114	5	17

Lab Sample ID: 320-80148-1 MS

Matrix: Solid

Analysis Batch: 534844

Client Sample ID: HA-160-1-S-1.5

Prep Type: Total/NA

Prep Batch: 534348

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.039	F1	0.172	0.255	F1	mg/Kg		125	86 - 114

Lab Sample ID: 320-80148-1 MSD

Matrix: Solid

Analysis Batch: 534844

Client Sample ID: HA-160-1-S-1.5

Prep Type: Total/NA

Prep Batch: 534348

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.039	F1	0.175	0.235		mg/Kg		112	86 - 114	8	17

Lab Sample ID: MB 320-534433/11-A

Matrix: Solid

Analysis Batch: 534844

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 534433

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.040	mg/Kg		10/15/21 18:10	10/15/21 23:08	1

Eurofins TestAmerica, Sacramento

QC Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-1

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

Lab Sample ID: LCS 320-534433/12-A
Matrix: Solid
Analysis Batch: 534844

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 534433

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.167	0.166		mg/Kg		99	86 - 114

Lab Sample ID: LCSD 320-534433/13-A
Matrix: Solid
Analysis Batch: 534844

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 534433

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.167	0.163		mg/Kg		98	86 - 114	2	17

Lab Sample ID: 320-80148-8 MS
Matrix: Solid
Analysis Batch: 534844

Client Sample ID: HA-160-3-S-4
Prep Type: Total/NA
Prep Batch: 534433

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.055		0.179	0.253		mg/Kg		111	86 - 114

Lab Sample ID: 320-80148-8 MSD
Matrix: Solid
Analysis Batch: 534844

Client Sample ID: HA-160-3-S-4
Prep Type: Total/NA
Prep Batch: 534433

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.055		0.175	0.248		mg/Kg		110	86 - 114	2	17

QC Association Summary

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-1

GC/MS VOA

Prep Batch: 533209

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-80148-1	HA-160-1-S-1.5	Total/NA	Solid	5035	
320-80148-1	HA-160-1-S-1.5	Total/NA	Solid	5035	
320-80148-2	HA-160-1-S-4	Total/NA	Solid	5035	
320-80148-2	HA-160-1-S-4	Total/NA	Solid	5035	
320-80148-3	HA-160-1-S-10.5	Total/NA	Solid	5035	
320-80148-3	HA-160-1-S-10.5	Total/NA	Solid	5035	
320-80148-5	HA-160-2-S-2.5	Total/NA	Solid	5035	
320-80148-6	HA-160-2-S-4.5	Total/NA	Solid	5035	
320-80148-6	HA-160-2-S-4.5	Total/NA	Solid	5035	
320-80148-7	HA-160-3-S-1.5	Total/NA	Solid	5035	
320-80148-7	HA-160-3-S-1.5	Total/NA	Solid	5035	
320-80148-8	HA-160-3-S-4	Total/NA	Solid	5035	
320-80148-8	HA-160-3-S-4	Total/NA	Solid	5035	
320-80148-9	HA-160-3-S-10	Total/NA	Solid	5035	
320-80148-9	HA-160-3-S-10	Total/NA	Solid	5035	
320-80148-11	HA-160-4-S-1.5	Total/NA	Solid	5035	
320-80148-11	HA-160-4-S-1.5	Total/NA	Solid	5035	
320-80148-12	HA-160-4-S-4	Total/NA	Solid	5035	
320-80148-12	HA-160-4-S-4	Total/NA	Solid	5035	
320-80148-13	HA-180-1-S-2.5	Total/NA	Solid	5035	
320-80148-13	HA-180-1-S-2.5	Total/NA	Solid	5035	
320-80148-14	HA-180-1-S-4.5	Total/NA	Solid	5035	
320-80148-14	HA-180-1-S-4.5	Total/NA	Solid	5035	
320-80148-15	HA-180-1-S-13	Total/NA	Solid	5035	
320-80148-15	HA-180-1-S-13	Total/NA	Solid	5035	
320-80148-16	HA-180-2-S-2.5	Total/NA	Solid	5035	
320-80148-17	HA-180-2-S-4.5	Total/NA	Solid	5035	

Analysis Batch: 534009

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-80148-5	HA-160-2-S-2.5	Total/NA	Solid	8260B/CA_LUFT MS	533209
MB 320-534009/10	Method Blank	Total/NA	Solid	8260B/CA_LUFT MS	
LCS 320-534009/6	Lab Control Sample	Total/NA	Solid	8260B/CA_LUFT MS	
LCSD 320-534009/31	Lab Control Sample Dup	Total/NA	Solid	8260B/CA_LUFT MS	

Analysis Batch: 534010

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-80148-5	HA-160-2-S-2.5	Total/NA	Solid	8260B	533209
MB 320-534010/10	Method Blank	Total/NA	Solid	8260B	
LCS 320-534010/7	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 320-534010/8	Lab Control Sample Dup	Total/NA	Solid	8260B	

Analysis Batch: 534014

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-80148-1	HA-160-1-S-1.5	Total/NA	Solid	8260B	533209
320-80148-2	HA-160-1-S-4	Total/NA	Solid	8260B	533209
320-80148-3	HA-160-1-S-10.5	Total/NA	Solid	8260B	533209
320-80148-6	HA-160-2-S-4.5	Total/NA	Solid	8260B	533209

Eurofins TestAmerica, Sacramento

QC Association Summary

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-1

GC/MS VOA (Continued)

Analysis Batch: 534014 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-80148-7	HA-160-3-S-1.5	Total/NA	Solid	8260B	533209
320-80148-8	HA-160-3-S-4	Total/NA	Solid	8260B	533209
320-80148-9	HA-160-3-S-10	Total/NA	Solid	8260B	533209
320-80148-11	HA-160-4-S-1.5	Total/NA	Solid	8260B	533209
320-80148-12	HA-160-4-S-4	Total/NA	Solid	8260B	533209
320-80148-13	HA-180-1-S-2.5	Total/NA	Solid	8260B	533209
320-80148-14	HA-180-1-S-4.5	Total/NA	Solid	8260B	533209
320-80148-15	HA-180-1-S-13	Total/NA	Solid	8260B	533209
MB 320-534014/10	Method Blank	Total/NA	Solid	8260B	
LCS 320-534014/7	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 320-534014/8	Lab Control Sample Dup	Total/NA	Solid	8260B	

Analysis Batch: 534220

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-80148-16	HA-180-2-S-2.5	Total/NA	Solid	8260B/CA_LUFT MS	533209
320-80148-17	HA-180-2-S-4.5	Total/NA	Solid	8260B/CA_LUFT MS	533209
MB 320-534220/10	Method Blank	Total/NA	Solid	8260B/CA_LUFT MS	
LCS 320-534220/5	Lab Control Sample	Total/NA	Solid	8260B/CA_LUFT MS	
LCSD 320-534220/6	Lab Control Sample Dup	Total/NA	Solid	8260B/CA_LUFT MS	

Analysis Batch: 534221

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-80148-16	HA-180-2-S-2.5	Total/NA	Solid	8260B	533209
320-80148-17	HA-180-2-S-4.5	Total/NA	Solid	8260B	533209
MB 320-534221/10	Method Blank	Total/NA	Solid	8260B	
LCS 320-534221/7	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 320-534221/8	Lab Control Sample Dup	Total/NA	Solid	8260B	

Analysis Batch: 534231

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-80148-1	HA-160-1-S-1.5	Total/NA	Solid	8260B/CA_LUFT MS	533209
320-80148-2	HA-160-1-S-4	Total/NA	Solid	8260B/CA_LUFT MS	533209
320-80148-3	HA-160-1-S-10.5	Total/NA	Solid	8260B/CA_LUFT MS	533209
320-80148-6	HA-160-2-S-4.5	Total/NA	Solid	8260B/CA_LUFT MS	533209
320-80148-7	HA-160-3-S-1.5	Total/NA	Solid	8260B/CA_LUFT MS	533209
320-80148-8	HA-160-3-S-4	Total/NA	Solid	8260B/CA_LUFT MS	533209
320-80148-9	HA-160-3-S-10	Total/NA	Solid	8260B/CA_LUFT MS	533209
320-80148-11	HA-160-4-S-1.5	Total/NA	Solid	8260B/CA_LUFT MS	533209
320-80148-12	HA-160-4-S-4	Total/NA	Solid	8260B/CA_LUFT MS	533209
320-80148-13	HA-180-1-S-2.5	Total/NA	Solid	8260B/CA_LUFT MS	533209

Eurofins TestAmerica, Sacramento

QC Association Summary

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-1

GC/MS VOA (Continued)

Analysis Batch: 534231 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-80148-14	HA-180-1-S-4.5	Total/NA	Solid	8260B/CA_LUFT MS	533209
320-80148-15	HA-180-1-S-13	Total/NA	Solid	8260B/CA_LUFT MS	533209
MB 320-534231/7	Method Blank	Total/NA	Solid	8260B/CA_LUFT MS	
LCS 320-534231/4	Lab Control Sample	Total/NA	Solid	8260B/CA_LUFT MS	
LCSD 320-534231/5	Lab Control Sample Dup	Total/NA	Solid	8260B/CA_LUFT MS	

Analysis Batch: 535612

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-80148-4	HA-160-1-W	Total/NA	Water	8260B	
320-80148-10	HA-160-3-W	Total/NA	Water	8260B	
320-80148-18	HA-180-1-W	Total/NA	Water	8260B	
MB 320-535612/11	Method Blank	Total/NA	Water	8260B	
LCS 320-535612/6	Lab Control Sample	Total/NA	Water	8260B	
LCSD 320-535612/7	Lab Control Sample Dup	Total/NA	Water	8260B	

GC Semi VOA

Prep Batch: 533932

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-80148-1	HA-160-1-S-1.5	Total/NA	Solid	3550B	
320-80148-2	HA-160-1-S-4	Total/NA	Solid	3550B	
320-80148-3	HA-160-1-S-10.5	Total/NA	Solid	3550B	
320-80148-5	HA-160-2-S-2.5	Total/NA	Solid	3550B	
320-80148-6	HA-160-2-S-4.5	Total/NA	Solid	3550B	
320-80148-7	HA-160-3-S-1.5	Total/NA	Solid	3550B	
320-80148-8	HA-160-3-S-4	Total/NA	Solid	3550B	
320-80148-11	HA-160-4-S-1.5	Total/NA	Solid	3550B	
320-80148-12	HA-160-4-S-4	Total/NA	Solid	3550B	
320-80148-13	HA-180-1-S-2.5	Total/NA	Solid	3550B	
320-80148-14	HA-180-1-S-4.5	Total/NA	Solid	3550B	
320-80148-15	HA-180-1-S-13	Total/NA	Solid	3550B	
320-80148-16	HA-180-2-S-2.5	Total/NA	Solid	3550B	
320-80148-17	HA-180-2-S-4.5	Total/NA	Solid	3550B	
MB 320-533932/1-A	Method Blank	Total/NA	Solid	3550B	
LCS 320-533932/2-A	Lab Control Sample	Total/NA	Solid	3550B	

Analysis Batch: 534054

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-80148-1	HA-160-1-S-1.5	Total/NA	Solid	8015B	533932
320-80148-2	HA-160-1-S-4	Total/NA	Solid	8015B	533932
320-80148-3	HA-160-1-S-10.5	Total/NA	Solid	8015B	533932
320-80148-5	HA-160-2-S-2.5	Total/NA	Solid	8015B	533932
320-80148-6	HA-160-2-S-4.5	Total/NA	Solid	8015B	533932
320-80148-7	HA-160-3-S-1.5	Total/NA	Solid	8015B	533932
320-80148-8	HA-160-3-S-4	Total/NA	Solid	8015B	533932
320-80148-11	HA-160-4-S-1.5	Total/NA	Solid	8015B	533932
320-80148-12	HA-160-4-S-4	Total/NA	Solid	8015B	533932
320-80148-13	HA-180-1-S-2.5	Total/NA	Solid	8015B	533932

Eurofins TestAmerica, Sacramento

QC Association Summary

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-1

GC Semi VOA (Continued)

Analysis Batch: 534054 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-80148-14	HA-180-1-S-4.5	Total/NA	Solid	8015B	533932
320-80148-15	HA-180-1-S-13	Total/NA	Solid	8015B	533932
320-80148-16	HA-180-2-S-2.5	Total/NA	Solid	8015B	533932
320-80148-17	HA-180-2-S-4.5	Total/NA	Solid	8015B	533932
MB 320-533932/1-A	Method Blank	Total/NA	Solid	8015B	533932
LCS 320-533932/2-A	Lab Control Sample	Total/NA	Solid	8015B	533932

Metals

Prep Batch: 533566

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-80148-2	HA-160-1-S-4	Total/NA	Solid	3050B	
MB 320-533566/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 320-533566/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Prep Batch: 533873

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-80148-1	HA-160-1-S-1.5	Total/NA	Solid	3050B	
320-80148-5	HA-160-2-S-2.5	Total/NA	Solid	3050B	
320-80148-6	HA-160-2-S-4.5	Total/NA	Solid	3050B	
320-80148-7	HA-160-3-S-1.5	Total/NA	Solid	3050B	
320-80148-8	HA-160-3-S-4	Total/NA	Solid	3050B	
320-80148-11	HA-160-4-S-1.5	Total/NA	Solid	3050B	
320-80148-12	HA-160-4-S-4	Total/NA	Solid	3050B	
320-80148-13	HA-180-1-S-2.5	Total/NA	Solid	3050B	
320-80148-14	HA-180-1-S-4.5	Total/NA	Solid	3050B	
320-80148-16	HA-180-2-S-2.5	Total/NA	Solid	3050B	
320-80148-17	HA-180-2-S-4.5	Total/NA	Solid	3050B	
MB 320-533873/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 320-533873/2-A	Lab Control Sample	Total/NA	Solid	3050B	
320-80148-1 MS	HA-160-1-S-1.5	Total/NA	Solid	3050B	
320-80148-1 MSD	HA-160-1-S-1.5	Total/NA	Solid	3050B	

Analysis Batch: 534187

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-80148-1	HA-160-1-S-1.5	Total/NA	Solid	6010B	533873
320-80148-5	HA-160-2-S-2.5	Total/NA	Solid	6010B	533873
320-80148-6	HA-160-2-S-4.5	Total/NA	Solid	6010B	533873
320-80148-7	HA-160-3-S-1.5	Total/NA	Solid	6010B	533873
320-80148-8	HA-160-3-S-4	Total/NA	Solid	6010B	533873
320-80148-11	HA-160-4-S-1.5	Total/NA	Solid	6010B	533873
320-80148-12	HA-160-4-S-4	Total/NA	Solid	6010B	533873
320-80148-13	HA-180-1-S-2.5	Total/NA	Solid	6010B	533873
320-80148-14	HA-180-1-S-4.5	Total/NA	Solid	6010B	533873
320-80148-16	HA-180-2-S-2.5	Total/NA	Solid	6010B	533873
320-80148-17	HA-180-2-S-4.5	Total/NA	Solid	6010B	533873
MB 320-533873/1-A	Method Blank	Total/NA	Solid	6010B	533873
LCS 320-533873/2-A	Lab Control Sample	Total/NA	Solid	6010B	533873
320-80148-1 MS	HA-160-1-S-1.5	Total/NA	Solid	6010B	533873
320-80148-1 MSD	HA-160-1-S-1.5	Total/NA	Solid	6010B	533873

QC Association Summary

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-1

Metals

Prep Batch: 534348

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-80148-1	HA-160-1-S-1.5	Total/NA	Solid	7471A	
320-80148-2	HA-160-1-S-4	Total/NA	Solid	7471A	
320-80148-5	HA-160-2-S-2.5	Total/NA	Solid	7471A	
320-80148-6	HA-160-2-S-4.5	Total/NA	Solid	7471A	
320-80148-7	HA-160-3-S-1.5	Total/NA	Solid	7471A	
MB 320-534348/11-A	Method Blank	Total/NA	Solid	7471A	
LCS 320-534348/12-A	Lab Control Sample	Total/NA	Solid	7471A	
LCSD 320-534348/13-A	Lab Control Sample Dup	Total/NA	Solid	7471A	
320-80148-1 MS	HA-160-1-S-1.5	Total/NA	Solid	7471A	
320-80148-1 MSD	HA-160-1-S-1.5	Total/NA	Solid	7471A	

Prep Batch: 534433

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-80148-8	HA-160-3-S-4	Total/NA	Solid	7471A	
320-80148-11	HA-160-4-S-1.5	Total/NA	Solid	7471A	
320-80148-12	HA-160-4-S-4	Total/NA	Solid	7471A	
320-80148-13	HA-180-1-S-2.5	Total/NA	Solid	7471A	
320-80148-14	HA-180-1-S-4.5	Total/NA	Solid	7471A	
320-80148-16	HA-180-2-S-2.5	Total/NA	Solid	7471A	
320-80148-17	HA-180-2-S-4.5	Total/NA	Solid	7471A	
MB 320-534433/11-A	Method Blank	Total/NA	Solid	7471A	
LCS 320-534433/12-A	Lab Control Sample	Total/NA	Solid	7471A	
LCSD 320-534433/13-A	Lab Control Sample Dup	Total/NA	Solid	7471A	
320-80148-8 MS	HA-160-3-S-4	Total/NA	Solid	7471A	
320-80148-8 MSD	HA-160-3-S-4	Total/NA	Solid	7471A	

Analysis Batch: 534518

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-80148-2	HA-160-1-S-4	Total/NA	Solid	6010B	533566
MB 320-533566/1-A	Method Blank	Total/NA	Solid	6010B	533566
LCS 320-533566/2-A	Lab Control Sample	Total/NA	Solid	6010B	533566

Analysis Batch: 534844

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-80148-1	HA-160-1-S-1.5	Total/NA	Solid	7471A	534348
320-80148-2	HA-160-1-S-4	Total/NA	Solid	7471A	534348
320-80148-5	HA-160-2-S-2.5	Total/NA	Solid	7471A	534348
320-80148-6	HA-160-2-S-4.5	Total/NA	Solid	7471A	534348
320-80148-7	HA-160-3-S-1.5	Total/NA	Solid	7471A	534348
320-80148-8	HA-160-3-S-4	Total/NA	Solid	7471A	534433
320-80148-11	HA-160-4-S-1.5	Total/NA	Solid	7471A	534433
320-80148-12	HA-160-4-S-4	Total/NA	Solid	7471A	534433
320-80148-13	HA-180-1-S-2.5	Total/NA	Solid	7471A	534433
320-80148-14	HA-180-1-S-4.5	Total/NA	Solid	7471A	534433
320-80148-16	HA-180-2-S-2.5	Total/NA	Solid	7471A	534433
320-80148-17	HA-180-2-S-4.5	Total/NA	Solid	7471A	534433
MB 320-534348/11-A	Method Blank	Total/NA	Solid	7471A	534348
MB 320-534433/11-A	Method Blank	Total/NA	Solid	7471A	534433
LCS 320-534348/12-A	Lab Control Sample	Total/NA	Solid	7471A	534348
LCS 320-534433/12-A	Lab Control Sample	Total/NA	Solid	7471A	534433
LCSD 320-534348/13-A	Lab Control Sample Dup	Total/NA	Solid	7471A	534348

Eurofins TestAmerica, Sacramento

QC Association Summary

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-1

Metals (Continued)

Analysis Batch: 534844 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 320-534433/13-A	Lab Control Sample Dup	Total/NA	Solid	7471A	534433
320-80148-1 MS	HA-160-1-S-1.5	Total/NA	Solid	7471A	534348
320-80148-1 MSD	HA-160-1-S-1.5	Total/NA	Solid	7471A	534348
320-80148-8 MS	HA-160-3-S-4	Total/NA	Solid	7471A	534433
320-80148-8 MSD	HA-160-3-S-4	Total/NA	Solid	7471A	534433

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-1

Client Sample ID: HA-160-1-S-1.5

Lab Sample ID: 320-80148-1

Date Collected: 10/08/21 15:25

Matrix: Solid

Date Received: 10/11/21 09:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.418 g	5 mL	533209	10/11/21 19:59	EFB	TAL SAC
Total/NA	Analysis	8260B		1	5 mL	5 mL	534014	10/14/21 15:44	AP1	TAL SAC
Total/NA	Prep	5035			6.062 g	5 mL	533209	10/11/21 19:59	EFB	TAL SAC
Total/NA	Analysis	8260B/CA_LUFTM S		1	5 mL	5 mL	534231	10/15/21 12:56	AP1	TAL SAC
Total/NA	Prep	3550B			30.90 g	3 mL	533932	10/14/21 10:03	SJ	TAL SAC
Total/NA	Analysis	8015B		1			534054	10/15/21 13:45	K1D	TAL SAC
Total/NA	Prep	3050B			1.00 g	100 mL	533873	10/14/21 06:30	NIM	TAL SAC
Total/NA	Analysis	6010B		1			534187	10/14/21 16:58	GSH	TAL SAC
Total/NA	Prep	7471A			0.62 g	50 mL	534348	10/15/21 18:10	JP	TAL SAC
Total/NA	Analysis	7471A		1			534844	10/16/21 00:23	IM	TAL SAC

Client Sample ID: HA-160-1-S-4

Lab Sample ID: 320-80148-2

Date Collected: 10/08/21 15:30

Matrix: Solid

Date Received: 10/11/21 09:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.757 g	5 mL	533209	10/11/21 19:59	EFB	TAL SAC
Total/NA	Analysis	8260B		1	5 mL	5 mL	534014	10/14/21 16:06	AP1	TAL SAC
Total/NA	Prep	5035			5.209 g	5 mL	533209	10/11/21 19:59	EFB	TAL SAC
Total/NA	Analysis	8260B/CA_LUFTM S		1	5 mL	5 mL	534231	10/15/21 13:19	AP1	TAL SAC
Total/NA	Prep	3550B			30.71 g	3 mL	533932	10/14/21 10:03	SJ	TAL SAC
Total/NA	Analysis	8015B		1			534054	10/15/21 14:14	K1D	TAL SAC
Total/NA	Prep	3050B			1.02 g	100 mL	533566	10/14/21 15:01	JP	TAL SAC
Total/NA	Analysis	6010B		1			534518	10/15/21 13:17	SP	TAL SAC
Total/NA	Prep	7471A			0.61 g	50 mL	534348	10/15/21 18:10	JP	TAL SAC
Total/NA	Analysis	7471A		1			534844	10/16/21 00:30	IM	TAL SAC

Client Sample ID: HA-160-1-S-10.5

Lab Sample ID: 320-80148-3

Date Collected: 10/08/21 15:35

Matrix: Solid

Date Received: 10/11/21 09:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.889 g	5 mL	533209	10/11/21 19:59	EFB	TAL SAC
Total/NA	Analysis	8260B		1	5 mL	5 mL	534014	10/14/21 16:28	AP1	TAL SAC
Total/NA	Prep	5035			3.089 g	5 mL	533209	10/11/21 19:59	EFB	TAL SAC
Total/NA	Analysis	8260B/CA_LUFTM S		1	5 mL	5 mL	534231	10/15/21 13:41	AP1	TAL SAC
Total/NA	Prep	3550B			30.46 g	3 mL	533932	10/14/21 10:03	SJ	TAL SAC
Total/NA	Analysis	8015B		1			534054	10/15/21 14:43	K1D	TAL SAC

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-1

Client Sample ID: HA-160-1-W

Lab Sample ID: 320-80148-4

Date Collected: 10/08/21 15:00

Matrix: Water

Date Received: 10/11/21 09:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		2	50 mL	50 mL	535612	10/20/21 15:10	EMJ	TAL SAC

Client Sample ID: HA-160-2-S-2.5

Lab Sample ID: 320-80148-5

Date Collected: 10/08/21 13:10

Matrix: Solid

Date Received: 10/11/21 09:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.955 g	5 mL	533209	10/11/21 19:59	EFB	TAL SAC
Total/NA	Analysis	8260B		1	5 mL	5 mL	534010	10/14/21 21:26	AZ1	TAL SAC
Total/NA	Prep	5035			6.955 g	5 mL	533209	10/11/21 19:59	EFB	TAL SAC
Total/NA	Analysis	8260B/CA_LUFTV S		1	5 mL	5 mL	534009	10/14/21 21:26	AZ1	TAL SAC
Total/NA	Prep	3550B			30.86 g	3 mL	533932	10/14/21 10:03	SJ	TAL SAC
Total/NA	Analysis	8015B		1			534054	10/15/21 15:11	K1D	TAL SAC
Total/NA	Prep	3050B			0.99 g	100 mL	533873	10/14/21 06:30	NIM	TAL SAC
Total/NA	Analysis	6010B		1			534187	10/14/21 17:18	GSH	TAL SAC
Total/NA	Prep	7471A			0.59 g	50 mL	534348	10/15/21 18:10	JP	TAL SAC
Total/NA	Analysis	7471A		1			534844	10/16/21 00:36	IM	TAL SAC

Client Sample ID: HA-160-2-S-4.5

Lab Sample ID: 320-80148-6

Date Collected: 10/08/21 13:00

Matrix: Solid

Date Received: 10/11/21 09:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.874 g	5 mL	533209	10/11/21 19:59	EFB	TAL SAC
Total/NA	Analysis	8260B		1	5 mL	5 mL	534014	10/14/21 17:12	AP1	TAL SAC
Total/NA	Prep	5035			5.651 g	5 mL	533209	10/11/21 19:59	EFB	TAL SAC
Total/NA	Analysis	8260B/CA_LUFTV S		1	5 mL	5 mL	534231	10/15/21 15:11	AP1	TAL SAC
Total/NA	Prep	3550B			30.02 g	3 mL	533932	10/14/21 10:03	SJ	TAL SAC
Total/NA	Analysis	8015B		1			534054	10/15/21 15:40	K1D	TAL SAC
Total/NA	Prep	3050B			0.96 g	100 mL	533873	10/14/21 06:30	NIM	TAL SAC
Total/NA	Analysis	6010B		1			534187	10/14/21 17:22	GSH	TAL SAC
Total/NA	Prep	7471A			0.63 g	50 mL	534348	10/15/21 18:10	JP	TAL SAC
Total/NA	Analysis	7471A		1			534844	10/16/21 00:37	IM	TAL SAC

Client Sample ID: HA-160-3-S-1.5

Lab Sample ID: 320-80148-7

Date Collected: 10/08/21 16:15

Matrix: Solid

Date Received: 10/11/21 09:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.502 g	5 mL	533209	10/11/21 19:59	EFB	TAL SAC
Total/NA	Analysis	8260B		1	5 mL	5 mL	534014	10/14/21 17:33	AP1	TAL SAC
Total/NA	Prep	5035			3.423 g	5 mL	533209	10/11/21 19:59	EFB	TAL SAC
Total/NA	Analysis	8260B/CA_LUFTV S		1	5 mL	5 mL	534231	10/15/21 15:33	AP1	TAL SAC

Eurofins TestAmerica, Sacramento

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-1

Client Sample ID: HA-160-3-S-1.5

Lab Sample ID: 320-80148-7

Date Collected: 10/08/21 16:15

Matrix: Solid

Date Received: 10/11/21 09:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			30.94 g	3 mL	533932	10/14/21 10:03	SJ	TAL SAC
Total/NA	Analysis	8015B		1			534054	10/15/21 16:09	K1D	TAL SAC
Total/NA	Prep	3050B			1.04 g	100 mL	533873	10/14/21 06:30	NIM	TAL SAC
Total/NA	Analysis	6010B		1			534187	10/14/21 17:26	GSH	TAL SAC
Total/NA	Prep	7471A			0.64 g	50 mL	534348	10/15/21 18:10	JP	TAL SAC
Total/NA	Analysis	7471A		1			534844	10/16/21 00:39	IM	TAL SAC

Client Sample ID: HA-160-3-S-4

Lab Sample ID: 320-80148-8

Date Collected: 10/08/21 16:10

Matrix: Solid

Date Received: 10/11/21 09:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			3.289 g	5 mL	533209	10/11/21 19:59	EFB	TAL SAC
Total/NA	Analysis	8260B		1	5 mL	5 mL	534014	10/14/21 17:55	AP1	TAL SAC
Total/NA	Prep	5035			3.138 g	5 mL	533209	10/11/21 19:59	EFB	TAL SAC
Total/NA	Analysis	8260B/CA_LUFTV S		1	5 mL	5 mL	534231	10/15/21 15:55	AP1	TAL SAC
Total/NA	Prep	3550B			30.43 g	3 mL	533932	10/14/21 10:03	SJ	TAL SAC
Total/NA	Analysis	8015B		2			534054	10/15/21 16:37	K1D	TAL SAC
Total/NA	Prep	3050B			0.99 g	100 mL	533873	10/14/21 06:30	NIM	TAL SAC
Total/NA	Analysis	6010B		1			534187	10/14/21 17:37	GSH	TAL SAC
Total/NA	Prep	7471A			0.57 g	50 mL	534433	10/15/21 18:10	JP	TAL SAC
Total/NA	Analysis	7471A		1			534844	10/15/21 23:34	IM	TAL SAC

Client Sample ID: HA-160-3-S-10

Lab Sample ID: 320-80148-9

Date Collected: 10/08/21 15:45

Matrix: Solid

Date Received: 10/11/21 09:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.338 g	5 mL	533209	10/11/21 19:59	EFB	TAL SAC
Total/NA	Analysis	8260B		1	5 mL	5 mL	534014	10/14/21 18:17	AP1	TAL SAC
Total/NA	Prep	5035			6.22 g	5 mL	533209	10/11/21 19:59	EFB	TAL SAC
Total/NA	Analysis	8260B/CA_LUFTV S		1	5 mL	5 mL	534231	10/15/21 16:17	AP1	TAL SAC

Client Sample ID: HA-160-3-W

Lab Sample ID: 320-80148-10

Date Collected: 10/08/21 15:05

Matrix: Water

Date Received: 10/11/21 09:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	50 mL	50 mL	535612	10/20/21 15:34	EMJ	TAL SAC

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-1

Client Sample ID: HA-160-4-S-1.5

Lab Sample ID: 320-80148-11

Date Collected: 10/08/21 14:25

Matrix: Solid

Date Received: 10/11/21 09:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.93 g	5 mL	533209	10/11/21 19:59	EFB	TAL SAC
Total/NA	Analysis	8260B		1	5 mL	5 mL	534014	10/14/21 18:39	AP1	TAL SAC
Total/NA	Prep	5035			6.802 g	5 mL	533209	10/11/21 19:59	EFB	TAL SAC
Total/NA	Analysis	8260B/CA_LUFTM S		1	5 mL	5 mL	534231	10/15/21 16:39	AP1	TAL SAC
Total/NA	Prep	3550B			30.85 g	3 mL	533932	10/14/21 10:03	SJ	TAL SAC
Total/NA	Analysis	8015B		1			534054	10/15/21 17:06	K1D	TAL SAC
Total/NA	Prep	3050B			1.01 g	100 mL	533873	10/14/21 06:30	NIM	TAL SAC
Total/NA	Analysis	6010B		1			534187	10/14/21 17:41	GSH	TAL SAC
Total/NA	Prep	7471A			0.56 g	50 mL	534433	10/15/21 18:10	JP	TAL SAC
Total/NA	Analysis	7471A		1			534844	10/15/21 23:41	IM	TAL SAC

Client Sample ID: HA-160-4-S-4

Lab Sample ID: 320-80148-12

Date Collected: 10/08/21 14:30

Matrix: Solid

Date Received: 10/11/21 09:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.27 g	5 mL	533209	10/11/21 19:59	EFB	TAL SAC
Total/NA	Analysis	8260B		1	5 mL	5 mL	534014	10/14/21 19:01	AP1	TAL SAC
Total/NA	Prep	5035			5.323 g	5 mL	533209	10/11/21 19:59	EFB	TAL SAC
Total/NA	Analysis	8260B/CA_LUFTM S		1	5 mL	5 mL	534231	10/15/21 17:02	AP1	TAL SAC
Total/NA	Prep	3550B			30.39 g	3 mL	533932	10/14/21 10:03	SJ	TAL SAC
Total/NA	Analysis	8015B		1			534054	10/15/21 17:35	K1D	TAL SAC
Total/NA	Prep	3050B			1.04 g	100 mL	533873	10/14/21 06:30	NIM	TAL SAC
Total/NA	Analysis	6010B		1			534187	10/14/21 17:45	GSH	TAL SAC
Total/NA	Prep	7471A			0.55 g	50 mL	534433	10/15/21 18:10	JP	TAL SAC
Total/NA	Analysis	7471A		1			534844	10/15/21 23:43	IM	TAL SAC

Client Sample ID: HA-180-1-S-2.5

Lab Sample ID: 320-80148-13

Date Collected: 10/08/21 11:15

Matrix: Solid

Date Received: 10/11/21 09:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.259 g	5 mL	533209	10/11/21 19:59	EFB	TAL SAC
Total/NA	Analysis	8260B		1	5 mL	5 mL	534014	10/14/21 19:23	AP1	TAL SAC
Total/NA	Prep	5035			5.565 g	5 mL	533209	10/11/21 19:59	EFB	TAL SAC
Total/NA	Analysis	8260B/CA_LUFTM S		1	5 mL	5 mL	534231	10/15/21 17:24	AP1	TAL SAC
Total/NA	Prep	3550B			30.45 g	3 mL	533932	10/14/21 10:03	SJ	TAL SAC
Total/NA	Analysis	8015B		1			534054	10/15/21 18:03	K1D	TAL SAC
Total/NA	Prep	3050B			1.02 g	100 mL	533873	10/14/21 06:30	NIM	TAL SAC
Total/NA	Analysis	6010B		1			534187	10/14/21 17:49	GSH	TAL SAC
Total/NA	Prep	7471A			0.58 g	50 mL	534433	10/15/21 18:10	JP	TAL SAC
Total/NA	Analysis	7471A		1			534844	10/15/21 23:45	IM	TAL SAC

Eurofins TestAmerica, Sacramento

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-1

Client Sample ID: HA-180-1-S-4.5

Lab Sample ID: 320-80148-14

Date Collected: 10/08/21 11:20

Matrix: Solid

Date Received: 10/11/21 09:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.865 g	5 mL	533209	10/11/21 19:59	EFB	TAL SAC
Total/NA	Analysis	8260B		1	5 mL	5 mL	534014	10/14/21 19:45	AP1	TAL SAC
Total/NA	Prep	5035			4.931 g	5 mL	533209	10/11/21 19:59	EFB	TAL SAC
Total/NA	Analysis	8260B/CA_LUFTM S		1	5 mL	5 mL	534231	10/15/21 17:46	AP1	TAL SAC
Total/NA	Prep	3550B			30.75 g	3 mL	533932	10/14/21 10:03	SJ	TAL SAC
Total/NA	Analysis	8015B		1			534054	10/15/21 18:32	K1D	TAL SAC
Total/NA	Prep	3050B			1.05 g	100 mL	533873	10/14/21 06:30	NIM	TAL SAC
Total/NA	Analysis	6010B		1			534187	10/14/21 17:53	GSH	TAL SAC
Total/NA	Prep	7471A			0.62 g	50 mL	534433	10/15/21 18:10	JP	TAL SAC
Total/NA	Analysis	7471A		1			534844	10/15/21 23:47	IM	TAL SAC

Client Sample ID: HA-180-1-S-13

Lab Sample ID: 320-80148-15

Date Collected: 10/08/21 11:00

Matrix: Solid

Date Received: 10/11/21 09:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			3.293 g	5 mL	533209	10/11/21 19:59	EFB	TAL SAC
Total/NA	Analysis	8260B		1	5 mL	5 mL	534014	10/14/21 20:07	AP1	TAL SAC
Total/NA	Prep	5035			4.5 g	5 mL	533209	10/11/21 19:59	EFB	TAL SAC
Total/NA	Analysis	8260B/CA_LUFTM S		1	5 mL	5 mL	534231	10/15/21 18:09	AP1	TAL SAC
Total/NA	Prep	3550B			30.32 g	3 mL	533932	10/14/21 10:03	SJ	TAL SAC
Total/NA	Analysis	8015B		1			534054	10/15/21 19:01	K1D	TAL SAC

Client Sample ID: HA-180-2-S-2.5

Lab Sample ID: 320-80148-16

Date Collected: 10/08/21 11:55

Matrix: Solid

Date Received: 10/11/21 09:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.295 g	5 mL	533209	10/11/21 19:59	EFB	TAL SAC
Total/NA	Analysis	8260B		1	5 mL	5 mL	534221	10/15/21 13:52	AP1	TAL SAC
Total/NA	Prep	5035			5.295 g	5 mL	533209	10/11/21 19:59	EFB	TAL SAC
Total/NA	Analysis	8260B/CA_LUFTM S		1	5 mL	5 mL	534220	10/15/21 13:52	AP1	TAL SAC
Total/NA	Prep	3550B			30.08 g	3 mL	533932	10/14/21 10:03	SJ	TAL SAC
Total/NA	Analysis	8015B		1			534054	10/15/21 19:29	K1D	TAL SAC
Total/NA	Prep	3050B			0.96 g	100 mL	533873	10/14/21 06:30	NIM	TAL SAC
Total/NA	Analysis	6010B		1			534187	10/14/21 17:57	GSH	TAL SAC
Total/NA	Prep	7471A			0.60 g	50 mL	534433	10/15/21 18:10	JP	TAL SAC
Total/NA	Analysis	7471A		1			534844	10/15/21 23:52	IM	TAL SAC

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-1

Client Sample ID: HA-180-2-S-4.5

Lab Sample ID: 320-80148-17

Date Collected: 10/08/21 12:00

Matrix: Solid

Date Received: 10/11/21 09:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			3.42 g	5 mL	533209	10/11/21 19:59	EFB	TAL SAC
Total/NA	Analysis	8260B		1	5 mL	5 mL	534221	10/15/21 14:14	AP1	TAL SAC
Total/NA	Prep	5035			3.42 g	5 mL	533209	10/11/21 19:59	EFB	TAL SAC
Total/NA	Analysis	8260B/CA_LUFTM S		1	5 mL	5 mL	534220	10/15/21 14:14	AP1	TAL SAC
Total/NA	Prep	3550B			30.60 g	3 mL	533932	10/14/21 10:03	SJ	TAL SAC
Total/NA	Analysis	8015B		1			534054	10/15/21 19:58	K1D	TAL SAC
Total/NA	Prep	3050B			1.01 g	100 mL	533873	10/14/21 06:30	NIM	TAL SAC
Total/NA	Analysis	6010B		1			534187	10/14/21 18:00	GSH	TAL SAC
Total/NA	Prep	7471A			0.55 g	50 mL	534433	10/15/21 18:10	JP	TAL SAC
Total/NA	Analysis	7471A		1			534844	10/15/21 23:54	IM	TAL SAC

Client Sample ID: HA-180-1-W

Lab Sample ID: 320-80148-18

Date Collected: 10/08/21 15:20

Matrix: Water

Date Received: 10/11/21 09:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		5	50 mL	50 mL	535612	10/20/21 15:58	EMJ	TAL SAC

Laboratory References:

TAL SAC = Eurofins TestAmerica, Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Accreditation/Certification Summary

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-1

Laboratory: Eurofins TestAmerica, Sacramento

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

Authority	Program	Identification Number	Expiration Date
California	State	2897	01-31-22

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015B	3550B	Solid	Motor Oil Range Organics [C28-C40]

Method Summary

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL SAC
8260B/CA_LUFTMS	Volatile Organic Compounds by GC/MS	SW846	TAL SAC
8015B	Diesel Range Organics (DRO) (GC)	SW846	TAL SAC
6010B	Metals (ICP)	SW846	TAL SAC
7471A	Mercury (CVAA)	SW846	TAL SAC
3050B	Preparation, Metals	SW846	TAL SAC
3550B	Ultrasonic Extraction	SW846	TAL SAC
5030B	Purge and Trap	SW846	TAL SAC
5035	Closed System Purge and Trap	SW846	TAL SAC
7471A	Preparation, Mercury	SW846	TAL SAC

Protocol References:

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

Laboratory References:

TAL SAC = Eurofins TestAmerica, Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Sample Summary

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
320-80148-1	HA-160-1-S-1.5	Solid	10/08/21 15:25	10/11/21 09:25
320-80148-2	HA-160-1-S-4	Solid	10/08/21 15:30	10/11/21 09:25
320-80148-3	HA-160-1-S-10.5	Solid	10/08/21 15:35	10/11/21 09:25
320-80148-4	HA-160-1-W	Water	10/08/21 15:00	10/11/21 09:25
320-80148-5	HA-160-2-S-2.5	Solid	10/08/21 13:10	10/11/21 09:25
320-80148-6	HA-160-2-S-4.5	Solid	10/08/21 13:00	10/11/21 09:25
320-80148-7	HA-160-3-S-1.5	Solid	10/08/21 16:15	10/11/21 09:25
320-80148-8	HA-160-3-S-4	Solid	10/08/21 16:10	10/11/21 09:25
320-80148-9	HA-160-3-S-10	Solid	10/08/21 15:45	10/11/21 09:25
320-80148-10	HA-160-3-W	Water	10/08/21 15:05	10/11/21 09:25
320-80148-11	HA-160-4-S-1.5	Solid	10/08/21 14:25	10/11/21 09:25
320-80148-12	HA-160-4-S-4	Solid	10/08/21 14:30	10/11/21 09:25
320-80148-13	HA-180-1-S-2.5	Solid	10/08/21 11:15	10/11/21 09:25
320-80148-14	HA-180-1-S-4.5	Solid	10/08/21 11:20	10/11/21 09:25
320-80148-15	HA-180-1-S-13	Solid	10/08/21 11:00	10/11/21 09:25
320-80148-16	HA-180-2-S-2.5	Solid	10/08/21 11:55	10/11/21 09:25
320-80148-17	HA-180-2-S-4.5	Solid	10/08/21 12:00	10/11/21 09:25
320-80148-18	HA-180-1-W	Water	10/08/21 15:20	10/11/21 09:25

West Sacramento, CA 95605-1500
phone 916.373.5600 fax 303.467.7248

TestAmerica's services under this CoC shall be performed in accordance with the T&Cs within Blanket Service Agreement # 2019-22-TestAmerica by and between Haley & Aldrich, Inc. its subsidiaries and affiliates, and TestAmerica Laboratories Inc.

Regulatory Program

☐ DW ☐ NPDES ☐ RCRA ☐ Other:

TestAmerica Laboratories, Inc.

COC No: 2 of 2 COCs

H&A Project Manager: J. Grant

H&A Site Contact: A. Caveney

Date: _____

Carrier: _____

Sampler: A. Caveney

For Lab Use Only

Walk-in Client: _____

Lab Sampling: _____

Job / SDG No. _____

Sample Specific Notes: _____

Analysis Turnaround Time

☐ CALENDAR DAYS ☐ WORKING DAYS
TAT if different from Below: 5-DAY TAT

☐ 2 weeks
☐ 1 week
☐ 2 days
☐ 1 day

Sample Date

Sample Time

Sample Type

Matrix

of Cont.

Sample Identification

HA-180-1-S-2.5

HA-180-1-S-4.5

HA-180-1-S-13

HA-180-2-S-2.5

HA-180-2-S-4.5

HA-180-1-W

Sample Date

Sample Time

Sample Type

Matrix

of Cont.

Sample Identification

HA-180-1-S-2.5

HA-180-1-S-4.5

HA-180-1-S-13

HA-180-2-S-2.5

HA-180-2-S-4.5

HA-180-1-W

Sample Date

Sample Time

Sample Type

Matrix

of Cont.

Sample Identification

HA-180-1-S-2.5

HA-180-1-S-4.5

HA-180-1-S-13

HA-180-2-S-2.5

HA-180-2-S-4.5

HA-180-1-W

Sample Date

Sample Time

Sample Type

Matrix

of Cont.

Sample Identification

HA-180-1-S-2.5

HA-180-1-S-4.5

HA-180-1-S-13

HA-180-2-S-2.5

HA-180-2-S-4.5

HA-180-1-W

Sample Date

Sample Time

Sample Type

Matrix

of Cont.

Sample Identification

HA-180-1-S-2.5

HA-180-1-S-4.5

HA-180-1-S-13

HA-180-2-S-2.5

HA-180-2-S-4.5

HA-180-1-W

Sample Date

Sample Time

Sample Type

Matrix

of Cont.

Sample Identification

HA-180-1-S-2.5

HA-180-1-S-4.5

HA-180-1-S-13

HA-180-2-S-2.5

HA-180-2-S-4.5

HA-180-1-W

Sample Date

Sample Time

Sample Type

Matrix

of Cont.

Sample Identification

HA-180-1-S-2.5

HA-180-1-S-4.5

HA-180-1-S-13

HA-180-2-S-2.5

HA-180-2-S-4.5

HA-180-1-W

Sample Date

Sample Time

Sample Type

Matrix

of Cont.

Sample Identification

HA-180-1-S-2.5

HA-180-1-S-4.5

HA-180-1-S-13

HA-180-2-S-2.5

HA-180-2-S-4.5

HA-180-1-W

Sample Date

Sample Time

Sample Type

Matrix

of Cont.

Sample Identification

HA-180-1-S-2.5

HA-180-1-S-4.5

HA-180-1-S-13

HA-180-2-S-2.5

HA-180-2-S-4.5

HA-180-1-W

Sample Date

Sample Time

Sample Type

Matrix

of Cont.

Sample Identification

HA-180-1-S-2.5

HA-180-1-S-4.5

HA-180-1-S-13

HA-180-2-S-2.5

HA-180-2-S-4.5

HA-180-1-W

Sample Date

Sample Time

Sample Type

Matrix

of Cont.

Sample Identification

HA-180-1-S-2.5

HA-180-1-S-4.5

HA-180-1-S-13

HA-180-2-S-2.5

HA-180-2-S-4.5

HA-180-1-W

Sample Date

Sample Time

Sample Type

Matrix

of Cont.

Sample Identification

HA-180-1-S-2.5

HA-180-1-S-4.5

HA-180-1-S-13

HA-180-2-S-2.5

HA-180-2-S-4.5

HA-180-1-W

Sample Date

Sample Time

Sample Type

Matrix

of Cont.

Sample Identification

HA-180-1-S-2.5

HA-180-1-S-4.5

HA-180-1-S-13

HA-180-2-S-2.5

HA-180-2-S-4.5

HA-180-1-W

Sample Date

Sample Time

Sample Type

Matrix

of Cont.

Sample Identification

HA-180-1-S-2.5

HA-180-1-S-4.5

HA-180-1-S-13

HA-180-2-S-2.5

HA-180-2-S-4.5

HA-180-1-W

Sample Date

Sample Time

Sample Type

Matrix

of Cont.

Sample Identification

HA-180-1-S-2.5

HA-180-1-S-4.5

HA-180-1-S-13

HA-180-2-S-2.5

HA-180-2-S-4.5

HA-180-1-W

Sample Date

Sample Time

Sample Type

Matrix

of Cont.

Sample Identification

HA-180-1-S-2.5

HA-180-1-S-4.5

HA-180-1-S-13

HA-180-2-S-2.5

HA-180-2-S-4.5

HA-180-1-W

Sample Date

Sample Time

Sample Type

Matrix

of Cont.

Sample Identification

HA-180-1-S-2.5

HA-180-1-S-4.5

HA-180-1-S-13

HA-180-2-S-2.5

HA-180-2-S-4.5

HA-180-1-W

Sample Date

Sample Time

Sample Type

Matrix

of Cont.

Sample Identification

HA-180-1-S-2.5

HA-180-1-S-4.5

HA-180-1-S-13

HA-180-2-S-2.5

HA-180-2-S-4.5

HA-180-1-W

Sample Date

Sample Time

Sample Type

Matrix

of Cont.

Sample Identification

HA-180-1-S-2.5

HA-180-1-S-4.5

HA-180-1-S-13

HA-180-2-S-2.5

HA-180-2-S-4.5

HA-180-1-W

Sample Date

Sample Time

Sample Type

Matrix

of Cont.

Sample Identification

HA-180-1-S-2.5

HA-180-1-S-4.5

HA-180-1-S-13

HA-180-2-S-2.5

HA-180-2-S-4.5

HA-180-1-W

Sample Date

Sample Time

Sample Type

Matrix

of Cont.

Sample Identification

HA-180-1-S-2.5

HA-180-1-S-4.5

HA-180-1-S-13

HA-180-2-S-2.5

HA-180-2-S-4.5

HA-180-1-W

Sample Date

Sample Time

Sample Type

Matrix

of Cont.

Sample Identification

HA-180-1-S-2.5

HA-180-1-S-4.5

HA-180-1-S-13

HA-180-2-S-2.5

HA-180-2-S-4.5

HA-180-1-W

Sample Date

Sample Time

Sample Type

Matrix

of Cont.

Sample Identification

HA-180-1-S-2.5

HA-180-1-S-4.5

HA-180-1-S-13

HA-180-2-S-2.5

HA-180-2-S-4.5

HA-180-1-W

Sample Date

Sample Time

Sample Type

Matrix

of Cont.

Sample Identification

HA-180-1-S-2.5

HA-180-1-S-4.5

HA-180-1-S-13

HA-180-2-S-2.5

HA-180-2-S-4.5

HA-180-1-W

Sample Date

Sample Time

Sample Type

Matrix

of Cont.

Sample Identification

HA-180-1-S-2.5

HA-180-1-S-4.5

HA-180-1-S-13

HA-180-2-S-2.5

HA-180-2-S-4.5

HA-180-1-W

Sample Date

Sample Time

Sample Type

Matrix

of Cont.

Sample Identification

HA-180-1-S-2.5

HA-180-1-S-4.5

HA-180-1-S-13

HA-180-2-S-2.5

Chain of Custody Record

Client Information (Sub Contract Lab)		Lab PM Heathcote, Lee Ann	Carrier Tracking No(s)	GOC No. 320-244783.2
Client Contact Shipping/Receiving		E-Mail LeeAnn.Heathcote@Eurofinset.com	State of Origin California	Page Page 2 of 2
Company TestAmerica Laboratories, Inc.		Accreditations Required (See note) State - California		
Address 880 Riverside Parkway		Job # 320-80148-1		
City West Sacramento	State, Zip CA, 95605	Preservation Codes: A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other: M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2SO3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4.5 Z - other (specify)		
Phone 916-373-5600(Tel) 916-372-1059(Fax)	PO #	Analysis Requested		
Email	WO #	Total Number of containers		
Project Name SSF TCC	Project # 32018807	Due Date Requested: 10/15/2021		
Site	SSOW#	TAT Requested (days):		
Sample Identification - Client ID (Lab ID)		Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B/5035A_FW_7_Calc VOCs, Standard List
HA-160-3-W (320-80148-10)	10/8/21	15:05 Pacific	Water	8260B/CA_LUFTMS/5035A_FW_7_Calc GRO CA C12
HA-160-4-S-1.5 (320-80148-11)	10/8/21	14:25 Pacific	Solid	8015B_DRO/3550B DRO/MRO
HA-160-4-S-4 (320-80148-12)	10/8/21	14:30 Pacific	Solid	6010B/3050B CAM 17 List minus Mercury
HA-180-1-S-2.5 (320-80148-13)	10/8/21	11:15 Pacific	Solid	7471A/7471A Prep Mercury
HA-180-1-S-4.5 (320-80148-14)	10/8/21	11:20 Pacific	Solid	8260B/5030B (MOD) VOCs, Standard List
HA-180-1-S-13 (320-80148-15)	10/8/21	11:00 Pacific	Solid	
HA-180-2-S-2.5 (320-80148-16)	10/8/21	11:55 Pacific	Solid	
HA-180-2-S-4.5 (320-80148-17)	10/8/21	12:00 Pacific	Solid	
HA-180-1-W (320-80148-18)	10/8/21	15:20 Pacific	Water	
Special Instructions/Note:				
Note: Since laboratory accreditations are subject to change, Eurofins TestAmerica places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/test/matrix being analyzed, the samples must be shipped back to the Eurofins TestAmerica laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins TestAmerica attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins TestAmerica				
Possible Hazard Identification		☐ Return To Client ☐ Disposal By Lab ☐ Archive For ☐ Months		
Unconfirmed		Special Instructions/QC Requirements:		
Deliverable Requested: I, II, III, IV, Other (specify)		Primary Deliverable Rank: 2		
Empty Kit Relinquished by:		Date:		
Relinquished by:	Date/Time	Company	Received by:	Date/Time
Relinquished by:	10-11-21 1630	CS	Received by:	10-11-21 1630
Relinquished by:	10-11-21 1915	CS	Received by:	10-11-21 1915
Custody Seals Intact:	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks		
Δ Yes Δ No				

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 320-80148-1

Login Number: 80148

List Source: Eurofins TestAmerica, Sacramento

List Number: 1

Creator: Mullen, Joan

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ 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)	False	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 320-80148-1

Login Number: 80148

List Number: 2

Creator: Guzman, Juan

List Source: Eurofins TestAmerica, Sacramento

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	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	2.2 & 2.3
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?	False	Received project as a subcontract.
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.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

ANALYTICAL REPORT

Eurofins TestAmerica, Sacramento
880 Riverside Parkway
West Sacramento, CA 95605
Tel: (916)373-5600

Laboratory Job ID: 320-80148-2

Client Project/Site: 160/180 Sylvester Rd, SSF

For:

Haley & Aldrich, Inc.
2033 North Main Street
Suite 309
Walnut Creek, California 94596

Attn: Jason Grant



Authorized for release by:
11/11/2021 5:00:24 PM

Lee Ann Heathcote, Project Manager II
(916)374-4333
LeeAnn.Heathcote@Eurofinset.com

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The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

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

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

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Definitions/Glossary

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-2

Qualifiers

General Chemistry

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
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)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
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)
TNTC	Too Numerous To Count

Case Narrative

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-2

Job ID: 320-80148-2

Laboratory: Eurofins TestAmerica, Sacramento

Narrative

Job Narrative 320-80148-2

Comments

On 11/3/2021 the client requested that STLC procedure for Chromium (Cr) and Nickel (Ni) be performed on sample "HA-160-4-S-1.5" (320-80148-11). In addition, the client requested method 7196A Hexavent Chromium be performed on same sample.

Receipt

The samples were received on 10/11/2021 9:25 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 1.8° C and 4.0° C.

Receipt Exceptions

Soil samples were taken using TerraCore devices, which in California are required to be frozen within 48 hours of sampling. The samples were delivered to the laboratory after the 48-hour timeframe.

The laboratory did not receive a separate container for method 8015B Diesel, so this analysis was canceled.

Metals

Method 6010B: The following sample was diluted due to the nature of the sample matrix: HA-160-4-S-1.5 (320-80148-11). Elevated reporting limits (RLs) are provided.

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

General Chemistry

Method 7196A: The following sample was received outside of analytical holding time: HA-160-4-S-1.5 (320-80148-11).

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: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-2

Client Sample ID: HA-160-4-S-1.5

Lab Sample ID: 320-80148-11

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Chromium	0.10		0.10	mg/L	10		6010B	STLC Citrate
Nickel	0.91		0.10	mg/L	10		6010B	STLC Citrate

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-2

Client Sample ID: HA-160-4-S-1.5

Lab Sample ID: 320-80148-11

Date Collected: 10/08/21 14:25

Matrix: Solid

Date Received: 10/11/21 09:25

Method: 6010B - Metals (ICP) - STLC Citrate

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	0.10		0.10	mg/L			11/09/21 17:43	10
Nickel	0.91		0.10	mg/L			11/09/21 17:43	10

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	ND	H	0.80	mg/Kg		11/09/21 17:43	11/10/21 17:43	1

QC Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-2

Method: 6010B - Metals (ICP)

Lab Sample ID: LB 320-538143/1-A ^10

Matrix: Solid

Analysis Batch: 541332

Client Sample ID: Method Blank

Prep Type: STLC Citrate

Analyte	LB Result	LB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	ND		0.10	mg/L			11/09/21 12:33	10
Nickel	ND		0.10	mg/L			11/09/21 12:33	10

Lab Sample ID: LCS 320-538143/2-A ^10

Matrix: Solid

Analysis Batch: 541332

Client Sample ID: Lab Control Sample

Prep Type: STLC Citrate

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chromium	1.00	0.930		mg/L		93	75 - 125
Nickel	1.00	0.938		mg/L		94	75 - 125

Lab Sample ID: LCSD 320-538143/3-A

Matrix: Solid

Analysis Batch: 541332

Client Sample ID: Lab Control Sample Dup

Prep Type: STLC Citrate

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chromium	1.00	0.932		mg/L		93	75 - 125	0	20
Nickel	1.00	0.935		mg/L		93	75 - 125	0	20

Method: 7196A - Chromium, Hexavalent

Lab Sample ID: MB 570-193039/1-A

Matrix: Solid

Analysis Batch: 193269

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 193039

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	ND		0.80	mg/Kg		11/09/21 17:42	11/10/21 17:07	1

Lab Sample ID: LCS 570-193039/2-A

Matrix: Solid

Analysis Batch: 193269

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 193039

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chromium, hexavalent	20.0	18.6		mg/Kg		93	78 - 120

Lab Sample ID: LCSD 570-193039/3-A

Matrix: Solid

Analysis Batch: 193269

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 193039

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chromium, hexavalent	20.0	18.9		mg/Kg		94	78 - 120	2	20

QC Association Summary

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-2

Metals

Leach Batch: 538143

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-80148-11	HA-160-4-S-1.5	STLC Citrate	Solid	CA WET Citrate	
LB 320-538143/1-A ^10	Method Blank	STLC Citrate	Solid	CA WET Citrate	
LCS 320-538143/2-A ^10	Lab Control Sample	STLC Citrate	Solid	CA WET Citrate	
LCSD 320-538143/3-A	Lab Control Sample Dup	STLC Citrate	Solid	CA WET Citrate	

Analysis Batch: 541332

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 320-538143/1-A ^10	Method Blank	STLC Citrate	Solid	6010B	538143
LCS 320-538143/2-A ^10	Lab Control Sample	STLC Citrate	Solid	6010B	538143
LCSD 320-538143/3-A	Lab Control Sample Dup	STLC Citrate	Solid	6010B	538143

Analysis Batch: 541471

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-80148-11	HA-160-4-S-1.5	STLC Citrate	Solid	6010B	538143

General Chemistry

Prep Batch: 193039

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-80148-11	HA-160-4-S-1.5	Total/NA	Solid	3060A	
MB 570-193039/1-A	Method Blank	Total/NA	Solid	3060A	
LCS 570-193039/2-A	Lab Control Sample	Total/NA	Solid	3060A	
LCSD 570-193039/3-A	Lab Control Sample Dup	Total/NA	Solid	3060A	

Analysis Batch: 193269

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-80148-11	HA-160-4-S-1.5	Total/NA	Solid	7196A	193039
MB 570-193039/1-A	Method Blank	Total/NA	Solid	7196A	193039
LCS 570-193039/2-A	Lab Control Sample	Total/NA	Solid	7196A	193039
LCSD 570-193039/3-A	Lab Control Sample Dup	Total/NA	Solid	7196A	193039

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-2

Client Sample ID: HA-160-4-S-1.5

Lab Sample ID: 320-80148-11

Date Collected: 10/08/21 14:25

Matrix: Solid

Date Received: 10/11/21 09:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
STLC Citrate	Leach	CA WET Citrate			50.11 g	500 mL	538143	11/05/21 13:50	CF	TAL SAC
STLC Citrate	Analysis	6010B		10			541471	11/09/21 17:43	GSH	TAL SAC
Total/NA	Prep	3060A			2.51 g	100 mL	193039	11/09/21 17:43	WN6Y	ECL 1
Total/NA	Analysis	7196A		1	100 mL	100 mL	193269	11/10/21 17:43	UAPD	ECL 1

Laboratory References:

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

TAL SAC = Eurofins TestAmerica, Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Accreditation/Certification Summary

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-2

Laboratory: Eurofins TestAmerica, Sacramento

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	State	2897	01-31-22

Laboratory: Eurofins Calscience LLC

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

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	88-0161	11-19-21
California	Los Angeles County Sanitation Districts	10109	09-30-22
California	SCAQMD LAP	17LA0919	11-30-21
California	State	2944	09-30-22
Guam	State	21-003R	06-22-22
Nevada	State	CA00111	07-31-22
Oregon	NELAP	CA300001	01-30-22
USDA	US Federal Programs	P330-20-00034	02-10-23
Washington	State	C916-18	10-12-22

Method Summary

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-2

Method	Method Description	Protocol	Laboratory
6010B	Metals (ICP)	SW846	TAL SAC
7196A	Chromium, Hexavalent	SW846	ECL 1
3060A	Alkaline Digestion (Chromium, Hexavalent)	SW846	ECL 1
CA WET Citrate	California - Waste Extraction Test with Citrate Leach	CA-WET	TAL SAC

Protocol References:

CA-WET = California Waste Extraction Test, from Title 22

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

Laboratory References:

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

TAL SAC = Eurofins TestAmerica, Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Sample Summary

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
320-80148-11	HA-160-4-S-1.5	Solid	10/08/21 14:25	10/11/21 09:25

1

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Client Information (Sub Contract Lab)					
Sampler	Lab PM	Healthcare	Lee Ann	Carrier Tracking No(s)	OCC No
Phone	E-Mail	State of Origin	California	Page:	320-248386 1
Company	Address	City	State	Job #	320-80148-2
Eurofins Calscience LLC					
7440 Lincoln Way					
Garden Grove					
CA 92841					
Phone: 714-895-5494(Tel) 714-894-7501(Fax)					
Email:					
Project Name:					
160/180 Sylvester Rd, SSF					
Site:					
Due Date Requested 11/10/2021					
TAT Requested (days)					
PO #:					
WFO #:					
Project #: 32018807					
SSOW#:					
Sample Identification - Client ID (Lab ID)					
HA-160-4-S-1 5 (320-80148-11)					
Sample Date 10/8/21					
Sample Time 14:25 Pacific					
Sample Type (C=comp, G=grab)					
Matrix (W=water, S=solid, O=organics)					
Field Filtered Sample (Yes or No)					
Perform MS/MSD (Yes or No)					
7196A/3060A Hexavalent Chromium					
Total Number of Containers					
Special Instructions/Note					
Note: Since laboratory accreditations are subject to change Eurofins TestAmerica places the ownership of method analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/test/matrix being analyzed the samples must be shipped back to the Eurofins TestAmerica laboratory or other instructions will be provided Any changes to accreditation status should be brought to Eurofins TestAmerica attention immediately If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins TestAmerica					
Possible Hazard Identification					
Unconfirmed					
Deliverable Requested I, II, III, IV, Other (specify) Primary Deliverable Rank 2					
Empty Kit Relinquished by					
Relinquished by					
Date/Time					
Relinquished by					
Date/Time					
Relinquished by					
Date/Time					
Custody Seal No					
x Res Δ No					

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 320-80148-2

Login Number: 80148

List Source: Eurofins TestAmerica, Sacramento

List Number: 1

Creator: Mullen, Joan

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ 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)	False	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 320-80148-2

Login Number: 80148

List Number: 2

Creator: Guzman, Juan

List Source: Eurofins TestAmerica, Sacramento

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	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	2.2 & 2.3
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?	False	Received project as a subcontract.
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.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Client: Haley & Aldrich, Inc.

Job Number: 320-80148-2

Login Number: 80148

List Number: 3

Creator: Ortiz-Luis, Michael

List Source: Eurofins Calscience LLC

List Creation: 11/06/21 02:21 PM

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.	True	1086369
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	3.4
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?	False	Received project as a subcontract.
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.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

ANALYTICAL REPORT

Eurofins TestAmerica, Sacramento
880 Riverside Parkway
West Sacramento, CA 95605
Tel: (916)373-5600

Laboratory Job ID: 320-80148-3

Client Project/Site: 160/180 Sylvester Rd, SSF

For:

Haley & Aldrich, Inc.
2033 North Main Street
Suite 309
Walnut Creek, California 94596

Attn: Jason Grant



Authorized for release by:
11/22/2021 6:52:19 PM

Lee Ann Heathcote, Project Manager II
(916)374-4333
LeeAnn.Heathcote@Eurofinset.com

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

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

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Definitions/Glossary

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-3

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
CFU	Colony Forming Unit
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)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
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)
TNTC	Too Numerous To Count

Case Narrative

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-3

Job ID: 320-80148-3

Laboratory: Eurofins TestAmerica, Sacramento

Narrative

Job Narrative 320-80148-3

Comments

On 11/12/2021 client requested TCLP procedure for chromium be performed on sample "HA-160-4-S-1.5" (320-80148-11).

Receipt

The samples were received on 10/11/2021 9:25 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 1.8° C and 4.0° C.

Metals

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

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-3

Client Sample ID: HA-160-4-S-1.5

Lab Sample ID: 320-80148-11

 No Detections.

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Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-3

Client Sample ID: HA-160-4-S-1.5

Lab Sample ID: 320-80148-11

Date Collected: 10/08/21 14:25

Matrix: Solid

Date Received: 10/11/21 09:25

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	ND		0.10	mg/L		11/22/21 06:00	11/22/21 13:37	1

QC Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-3

Method: 6010B - Metals (ICP)

Lab Sample ID: LB 320-544795/3-A
Matrix: Solid
Analysis Batch: 544932

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 544795

Analyte	LB Result	LB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	ND		0.10	mg/L		11/22/21 06:00	11/22/21 13:13	1

Lab Sample ID: MB 320-544795/1-A
Matrix: Solid
Analysis Batch: 544932

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 544795

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	ND		0.020	mg/L		11/22/21 06:00	11/22/21 13:05	1

Lab Sample ID: LCS 320-544795/2-A
Matrix: Solid
Analysis Batch: 544932

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 544795

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chromium	0.250	0.246		mg/L		98	84 - 114

QC Association Summary

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-3

Metals

Leach Batch: 543164

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-80148-11	HA-160-4-S-1.5	TCLP	Solid	1311	

Prep Batch: 544795

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-80148-11	HA-160-4-S-1.5	TCLP	Solid	3010A	543164
LB 320-544795/3-A	Method Blank	Total/NA	Solid	3010A	
MB 320-544795/1-A	Method Blank	Total/NA	Solid	3010A	
LCS 320-544795/2-A	Lab Control Sample	Total/NA	Solid	3010A	

Analysis Batch: 544932

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-80148-11	HA-160-4-S-1.5	TCLP	Solid	6010B	544795
LB 320-544795/3-A	Method Blank	Total/NA	Solid	6010B	544795
MB 320-544795/1-A	Method Blank	Total/NA	Solid	6010B	544795
LCS 320-544795/2-A	Lab Control Sample	Total/NA	Solid	6010B	544795

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-3

Client Sample ID: HA-160-4-S-1.5

Lab Sample ID: 320-80148-11

Date Collected: 10/08/21 14:25

Matrix: Solid

Date Received: 10/11/21 09:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			100.08 g	2000 mL	543164	11/18/21 12:22	CF	TAL SAC
TCLP	Prep	3010A			10 mL	50 mL	544795	11/22/21 06:00	NIM	TAL SAC
TCLP	Analysis	6010B		1			544932	11/22/21 13:37	SP	TAL SAC

Laboratory References:

TAL SAC = Eurofins TestAmerica, Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Accreditation/Certification Summary

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-3

Laboratory: Eurofins TestAmerica, Sacramento

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	State	2897	01-31-22

Method Summary

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-3

Method	Method Description	Protocol	Laboratory
6010B	Metals (ICP)	SW846	TAL SAC
1311	TCLP Extraction	SW846	TAL SAC
3010A	Preparation, Total Metals	SW846	TAL SAC

Protocol References:

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

Laboratory References:

TAL SAC = Eurofins TestAmerica, Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Sample Summary

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80148-3

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
320-80148-11	HA-160-4-S-1.5	Solid	10/08/21 14:25	10/11/21 09:25

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Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 320-80148-3

Login Number: 80148

List Source: Eurofins TestAmerica, Sacramento

List Number: 1

Creator: Mullen, Joan

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ 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)	False	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Client: Haley & Aldrich, Inc.

Job Number: 320-80148-3

Login Number: 80148

List Number: 2

Creator: Guzman, Juan

List Source: Eurofins TestAmerica, Sacramento

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	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	2.2 & 2.3
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?	False	Received project as a subcontract.
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.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

ANALYTICAL REPORT

Eurofins TestAmerica, Sacramento
880 Riverside Parkway
West Sacramento, CA 95605
Tel: (916)373-5600

Laboratory Job ID: 320-80179-1

Client Project/Site: 160/180 Sylvester Rd, SSF

For:

Haley & Aldrich, Inc.
2033 North Main Street
Suite 309
Walnut Creek, California 94596

Attn: Jason Grant



Authorized for release by:
10/21/2021 5:19:22 PM

Lee Ann Heathcote, Project Manager II
(916)374-4333
LeeAnn.Heathcote@Eurofinset.com

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Definitions/Glossary

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80179-1

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
CFU	Colony Forming Unit
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)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
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)
TNTC	Too Numerous To Count

Case Narrative

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80179-1

Job ID: 320-80179-1

Laboratory: Eurofins TestAmerica, Sacramento

Narrative

Job Narrative 320-80179-1

Comments

No additional comments.

Receipt

The samples were received on 10/12/2021 9:15 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.0° C.

GC/MS VOA

Method 8260B: The following samples were collected in properly preserved vials; however, the pH was outside the required criteria when verified by the laboratory: MW-6 (320-80179-2), MW-7 (320-80179-3) and MW-8 (320-80179-4). The samples were analyzed outside the 7-day holding time specified for unpreserved samples but within the 14-day holding time specified for preserved samples (pH measured at 6).

Method 8260B: The following samples were diluted due to foaming at the time of purging during the original sample analysis: MW-5 (320-80179-1), MW-6 (320-80179-2), MW-7 (320-80179-3) and MW-8 (320-80179-4). Elevated reporting limits (RLs) are provided.

Method 8260B: Insufficient sample volume was available to perform a matrix spike / matrix spike duplicate (MS/MSD) associated with analytical batch 320-536017. The laboratory control sample (LCS) was performed in duplicate to provide precision data for this batch.

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: 160/180 Sylvester Rd, SSF

Job ID: 320-80179-1

Client Sample ID: MW-5

Lab Sample ID: 320-80179-1

☐ No Detections.

Client Sample ID: MW-6

Lab Sample ID: 320-80179-2

☐ No Detections.

Client Sample ID: MW-7

Lab Sample ID: 320-80179-3

☐ No Detections.

Client Sample ID: MW-8

Lab Sample ID: 320-80179-4

☐ No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Sacramento



Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80179-1

Client Sample ID: MW-5

Lab Sample ID: 320-80179-1

Date Collected: 10/11/21 10:05

Matrix: Water

Date Received: 10/12/21 09:15

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		50	ug/L			10/21/21 14:40	5
Benzene	ND		2.5	ug/L			10/21/21 14:40	5
Bromobenzene	ND		5.0	ug/L			10/21/21 14:40	5
Bromochloromethane	ND		5.0	ug/L			10/21/21 14:40	5
Bromodichloromethane	ND		2.5	ug/L			10/21/21 14:40	5
Bromoform	ND		5.0	ug/L			10/21/21 14:40	5
Bromomethane	ND		5.0	ug/L			10/21/21 14:40	5
n-Butylbenzene	ND		5.0	ug/L			10/21/21 14:40	5
2-Butanone (MEK)	ND		10	ug/L			10/21/21 14:40	5
sec-Butylbenzene	ND		5.0	ug/L			10/21/21 14:40	5
tert-Butylbenzene	ND		5.0	ug/L			10/21/21 14:40	5
Carbon tetrachloride	ND		2.5	ug/L			10/21/21 14:40	5
Chlorobenzene	ND		2.5	ug/L			10/21/21 14:40	5
Carbon disulfide	ND		10	ug/L			10/21/21 14:40	5
Chloroethane	ND		5.0	ug/L			10/21/21 14:40	5
Chloroform	ND		5.0	ug/L			10/21/21 14:40	5
Chloromethane	ND		5.0	ug/L			10/21/21 14:40	5
2-Chlorotoluene	ND		2.5	ug/L			10/21/21 14:40	5
4-Chlorotoluene	ND		2.5	ug/L			10/21/21 14:40	5
1,2-Dibromo-3-Chloropropane	ND		5.0	ug/L			10/21/21 14:40	5
1,2-Dibromoethane (EDB)	ND		2.5	ug/L			10/21/21 14:40	5
Dibromomethane	ND		2.5	ug/L			10/21/21 14:40	5
1,2-Dichlorobenzene	ND		2.5	ug/L			10/21/21 14:40	5
1,3-Dichlorobenzene	ND		2.5	ug/L			10/21/21 14:40	5
1,4-Dichlorobenzene	ND		2.5	ug/L			10/21/21 14:40	5
Dibromochloromethane	ND		2.5	ug/L			10/21/21 14:40	5
Dichlorodifluoromethane	ND		5.0	ug/L			10/21/21 14:40	5
1,1-Dichloroethane	ND		2.5	ug/L			10/21/21 14:40	5
1,2-Dichloroethane	ND		2.5	ug/L			10/21/21 14:40	5
cis-1,2-Dichloroethene	ND		2.5	ug/L			10/21/21 14:40	5
trans-1,2-Dichloroethene	ND		2.5	ug/L			10/21/21 14:40	5
1,1-Dichloroethene	ND		2.5	ug/L			10/21/21 14:40	5
1,2-Dichloropropane	ND		2.5	ug/L			10/21/21 14:40	5
1,3-Dichloropropane	ND		5.0	ug/L			10/21/21 14:40	5
2,2-Dichloropropane	ND		5.0	ug/L			10/21/21 14:40	5
cis-1,3-Dichloropropene	ND		2.5	ug/L			10/21/21 14:40	5
trans-1,3-Dichloropropene	ND		2.5	ug/L			10/21/21 14:40	5
1,1-Dichloropropene	ND		2.5	ug/L			10/21/21 14:40	5
Ethylbenzene	ND		2.5	ug/L			10/21/21 14:40	5
Hexachlorobutadiene	ND		5.0	ug/L			10/21/21 14:40	5
Isopropylbenzene	ND		2.5	ug/L			10/21/21 14:40	5
p-Isopropyltoluene	ND		5.0	ug/L			10/21/21 14:40	5
Methylene Chloride	ND		5.0	ug/L			10/21/21 14:40	5
Naphthalene	ND		5.0	ug/L			10/21/21 14:40	5
2-Hexanone	ND		10	ug/L			10/21/21 14:40	5
N-Propylbenzene	ND		5.0	ug/L			10/21/21 14:40	5
Styrene	ND		2.5	ug/L			10/21/21 14:40	5
1,1,1,2-Tetrachloroethane	ND		2.5	ug/L			10/21/21 14:40	5
1,1,2,2-Tetrachloroethane	ND		2.5	ug/L			10/21/21 14:40	5

Eurolins TestAmerica, Sacramento

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80179-1

Client Sample ID: MW-5

Date Collected: 10/11/21 10:05

Date Received: 10/12/21 09:15

Lab Sample ID: 320-80179-1

Matrix: Water

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methyl-2-pentanone (MIBK)	ND		10	ug/L			10/21/21 14:40	5
Tetrachloroethene	ND		2.5	ug/L			10/21/21 14:40	5
Toluene	ND		2.5	ug/L			10/21/21 14:40	5
1,2,3-Trichlorobenzene	ND		5.0	ug/L			10/21/21 14:40	5
1,2,4-Trichlorobenzene	ND		5.0	ug/L			10/21/21 14:40	5
1,1,1-Trichloroethane	ND		2.5	ug/L			10/21/21 14:40	5
1,1,2-Trichloroethane	ND		2.5	ug/L			10/21/21 14:40	5
Trichloroethene	ND		2.5	ug/L			10/21/21 14:40	5
Trichlorofluoromethane	ND		5.0	ug/L			10/21/21 14:40	5
1,2,3-Trichloropropane	ND		5.0	ug/L			10/21/21 14:40	5
1,2,4-Trimethylbenzene	ND		5.0	ug/L			10/21/21 14:40	5
1,3,5-Trimethylbenzene	ND		2.5	ug/L			10/21/21 14:40	5
Vinyl chloride	ND		2.5	ug/L			10/21/21 14:40	5
m-Xylene & p-Xylene	ND		2.5	ug/L			10/21/21 14:40	5
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.5	ug/L			10/21/21 14:40	5
o-Xylene	ND		2.5	ug/L			10/21/21 14:40	5
Vinyl acetate	ND		10	ug/L			10/21/21 14:40	5
Xylenes, Total	ND		2.5	ug/L			10/21/21 14:40	5
Methyl tert-butyl ether	ND		2.5	ug/L			10/21/21 14:40	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		74 - 120		10/21/21 14:40	5
1,2-Dichloroethane-d4 (Surr)	116		72 - 123		10/21/21 14:40	5
Toluene-d8 (Surr)	102		78 - 120		10/21/21 14:40	5
Dibromofluoromethane (Surr)	107		80 - 123		10/21/21 14:40	5

Client Sample ID: MW-6

Date Collected: 10/11/21 12:40

Date Received: 10/12/21 09:15

Lab Sample ID: 320-80179-2

Matrix: Water

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		50	ug/L			10/21/21 15:03	5
Benzene	ND		2.5	ug/L			10/21/21 15:03	5
Bromobenzene	ND		5.0	ug/L			10/21/21 15:03	5
Bromochloromethane	ND		5.0	ug/L			10/21/21 15:03	5
Bromodichloromethane	ND		2.5	ug/L			10/21/21 15:03	5
Bromoform	ND		5.0	ug/L			10/21/21 15:03	5
Bromomethane	ND		5.0	ug/L			10/21/21 15:03	5
n-Butylbenzene	ND		5.0	ug/L			10/21/21 15:03	5
2-Butanone (MEK)	ND		10	ug/L			10/21/21 15:03	5
sec-Butylbenzene	ND		5.0	ug/L			10/21/21 15:03	5
tert-Butylbenzene	ND		5.0	ug/L			10/21/21 15:03	5
Carbon tetrachloride	ND		2.5	ug/L			10/21/21 15:03	5
Chlorobenzene	ND		2.5	ug/L			10/21/21 15:03	5
Carbon disulfide	ND		10	ug/L			10/21/21 15:03	5
Chloroethane	ND		5.0	ug/L			10/21/21 15:03	5
Chloroform	ND		5.0	ug/L			10/21/21 15:03	5
Chloromethane	ND		5.0	ug/L			10/21/21 15:03	5
2-Chlorotoluene	ND		2.5	ug/L			10/21/21 15:03	5

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80179-1

Client Sample ID: MW-6

Lab Sample ID: 320-80179-2

Date Collected: 10/11/21 12:40

Matrix: Water

Date Received: 10/12/21 09:15

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chlorotoluene	ND		2.5	ug/L			10/21/21 15:03	5
1,2-Dibromo-3-Chloropropane	ND		5.0	ug/L			10/21/21 15:03	5
1,2-Dibromoethane (EDB)	ND		2.5	ug/L			10/21/21 15:03	5
Dibromomethane	ND		2.5	ug/L			10/21/21 15:03	5
1,2-Dichlorobenzene	ND		2.5	ug/L			10/21/21 15:03	5
1,3-Dichlorobenzene	ND		2.5	ug/L			10/21/21 15:03	5
1,4-Dichlorobenzene	ND		2.5	ug/L			10/21/21 15:03	5
Dibromochloromethane	ND		2.5	ug/L			10/21/21 15:03	5
Dichlorodifluoromethane	ND		5.0	ug/L			10/21/21 15:03	5
1,1-Dichloroethane	ND		2.5	ug/L			10/21/21 15:03	5
1,2-Dichloroethane	ND		2.5	ug/L			10/21/21 15:03	5
cis-1,2-Dichloroethene	ND		2.5	ug/L			10/21/21 15:03	5
trans-1,2-Dichloroethene	ND		2.5	ug/L			10/21/21 15:03	5
1,1-Dichloroethene	ND		2.5	ug/L			10/21/21 15:03	5
1,2-Dichloropropane	ND		2.5	ug/L			10/21/21 15:03	5
1,3-Dichloropropane	ND		5.0	ug/L			10/21/21 15:03	5
2,2-Dichloropropane	ND		5.0	ug/L			10/21/21 15:03	5
cis-1,3-Dichloropropene	ND		2.5	ug/L			10/21/21 15:03	5
trans-1,3-Dichloropropene	ND		2.5	ug/L			10/21/21 15:03	5
1,1-Dichloropropene	ND		2.5	ug/L			10/21/21 15:03	5
Ethylbenzene	ND		2.5	ug/L			10/21/21 15:03	5
Hexachlorobutadiene	ND		5.0	ug/L			10/21/21 15:03	5
Isopropylbenzene	ND		2.5	ug/L			10/21/21 15:03	5
p-Isopropyltoluene	ND		5.0	ug/L			10/21/21 15:03	5
Methylene Chloride	ND		5.0	ug/L			10/21/21 15:03	5
Naphthalene	ND		5.0	ug/L			10/21/21 15:03	5
2-Hexanone	ND		10	ug/L			10/21/21 15:03	5
N-Propylbenzene	ND		5.0	ug/L			10/21/21 15:03	5
Styrene	ND		2.5	ug/L			10/21/21 15:03	5
1,1,1,2-Tetrachloroethane	ND		2.5	ug/L			10/21/21 15:03	5
1,1,2,2-Tetrachloroethane	ND		2.5	ug/L			10/21/21 15:03	5
4-Methyl-2-pentanone (MIBK)	ND		10	ug/L			10/21/21 15:03	5
Tetrachloroethene	ND		2.5	ug/L			10/21/21 15:03	5
Toluene	ND		2.5	ug/L			10/21/21 15:03	5
1,2,3-Trichlorobenzene	ND		5.0	ug/L			10/21/21 15:03	5
1,2,4-Trichlorobenzene	ND		5.0	ug/L			10/21/21 15:03	5
1,1,1-Trichloroethane	ND		2.5	ug/L			10/21/21 15:03	5
1,1,2-Trichloroethane	ND		2.5	ug/L			10/21/21 15:03	5
Trichloroethene	ND		2.5	ug/L			10/21/21 15:03	5
Trichlorofluoromethane	ND		5.0	ug/L			10/21/21 15:03	5
1,2,3-Trichloropropane	ND		5.0	ug/L			10/21/21 15:03	5
1,2,4-Trimethylbenzene	ND		5.0	ug/L			10/21/21 15:03	5
1,3,5-Trimethylbenzene	ND		2.5	ug/L			10/21/21 15:03	5
Vinyl chloride	ND		2.5	ug/L			10/21/21 15:03	5
m-Xylene & p-Xylene	ND		2.5	ug/L			10/21/21 15:03	5
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.5	ug/L			10/21/21 15:03	5
o-Xylene	ND		2.5	ug/L			10/21/21 15:03	5
Vinyl acetate	ND		10	ug/L			10/21/21 15:03	5
Xylenes, Total	ND		2.5	ug/L			10/21/21 15:03	5

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80179-1

Client Sample ID: MW-6

Date Collected: 10/11/21 12:40

Date Received: 10/12/21 09:15

Lab Sample ID: 320-80179-2

Matrix: Water

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		2.5	ug/L			10/21/21 15:03	5
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		74 - 120				10/21/21 15:03	5
1,2-Dichloroethane-d4 (Surr)	113		72 - 123				10/21/21 15:03	5
Toluene-d8 (Surr)	101		78 - 120				10/21/21 15:03	5
Dibromofluoromethane (Surr)	107		80 - 123				10/21/21 15:03	5

Client Sample ID: MW-7

Date Collected: 10/11/21 14:40

Date Received: 10/12/21 09:15

Lab Sample ID: 320-80179-3

Matrix: Water

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		50	ug/L			10/21/21 15:27	5
Benzene	ND		2.5	ug/L			10/21/21 15:27	5
Bromobenzene	ND		5.0	ug/L			10/21/21 15:27	5
Bromochloromethane	ND		5.0	ug/L			10/21/21 15:27	5
Bromodichloromethane	ND		2.5	ug/L			10/21/21 15:27	5
Bromoform	ND		5.0	ug/L			10/21/21 15:27	5
Bromomethane	ND		5.0	ug/L			10/21/21 15:27	5
n-Butylbenzene	ND		5.0	ug/L			10/21/21 15:27	5
2-Butanone (MEK)	ND		10	ug/L			10/21/21 15:27	5
sec-Butylbenzene	ND		5.0	ug/L			10/21/21 15:27	5
tert-Butylbenzene	ND		5.0	ug/L			10/21/21 15:27	5
Carbon tetrachloride	ND		2.5	ug/L			10/21/21 15:27	5
Chlorobenzene	ND		2.5	ug/L			10/21/21 15:27	5
Carbon disulfide	ND		10	ug/L			10/21/21 15:27	5
Chloroethane	ND		5.0	ug/L			10/21/21 15:27	5
Chloroform	ND		5.0	ug/L			10/21/21 15:27	5
Chloromethane	ND		5.0	ug/L			10/21/21 15:27	5
2-Chlorotoluene	ND		2.5	ug/L			10/21/21 15:27	5
4-Chlorotoluene	ND		2.5	ug/L			10/21/21 15:27	5
1,2-Dibromo-3-Chloropropane	ND		5.0	ug/L			10/21/21 15:27	5
1,2-Dibromoethane (EDB)	ND		2.5	ug/L			10/21/21 15:27	5
Dibromomethane	ND		2.5	ug/L			10/21/21 15:27	5
1,2-Dichlorobenzene	ND		2.5	ug/L			10/21/21 15:27	5
1,3-Dichlorobenzene	ND		2.5	ug/L			10/21/21 15:27	5
1,4-Dichlorobenzene	ND		2.5	ug/L			10/21/21 15:27	5
Dibromochloromethane	ND		2.5	ug/L			10/21/21 15:27	5
Dichlorodifluoromethane	ND		5.0	ug/L			10/21/21 15:27	5
1,1-Dichloroethane	ND		2.5	ug/L			10/21/21 15:27	5
1,2-Dichloroethane	ND		2.5	ug/L			10/21/21 15:27	5
cis-1,2-Dichloroethene	ND		2.5	ug/L			10/21/21 15:27	5
trans-1,2-Dichloroethene	ND		2.5	ug/L			10/21/21 15:27	5
1,1-Dichloroethene	ND		2.5	ug/L			10/21/21 15:27	5
1,2-Dichloropropane	ND		2.5	ug/L			10/21/21 15:27	5
1,3-Dichloropropane	ND		5.0	ug/L			10/21/21 15:27	5
2,2-Dichloropropane	ND		5.0	ug/L			10/21/21 15:27	5
cis-1,3-Dichloropropene	ND		2.5	ug/L			10/21/21 15:27	5

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80179-1

Client Sample ID: MW-7

Lab Sample ID: 320-80179-3

Date Collected: 10/11/21 14:40

Matrix: Water

Date Received: 10/12/21 09:15

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	ND		2.5	ug/L			10/21/21 15:27	5
1,1-Dichloropropene	ND		2.5	ug/L			10/21/21 15:27	5
Ethylbenzene	ND		2.5	ug/L			10/21/21 15:27	5
Hexachlorobutadiene	ND		5.0	ug/L			10/21/21 15:27	5
Isopropylbenzene	ND		2.5	ug/L			10/21/21 15:27	5
p-Isopropyltoluene	ND		5.0	ug/L			10/21/21 15:27	5
Methylene Chloride	ND		5.0	ug/L			10/21/21 15:27	5
Naphthalene	ND		5.0	ug/L			10/21/21 15:27	5
2-Hexanone	ND		10	ug/L			10/21/21 15:27	5
N-Propylbenzene	ND		5.0	ug/L			10/21/21 15:27	5
Styrene	ND		2.5	ug/L			10/21/21 15:27	5
1,1,1,2-Tetrachloroethane	ND		2.5	ug/L			10/21/21 15:27	5
1,1,2,2-Tetrachloroethane	ND		2.5	ug/L			10/21/21 15:27	5
4-Methyl-2-pentanone (MIBK)	ND		10	ug/L			10/21/21 15:27	5
Tetrachloroethene	ND		2.5	ug/L			10/21/21 15:27	5
Toluene	ND		2.5	ug/L			10/21/21 15:27	5
1,2,3-Trichlorobenzene	ND		5.0	ug/L			10/21/21 15:27	5
1,2,4-Trichlorobenzene	ND		5.0	ug/L			10/21/21 15:27	5
1,1,1-Trichloroethane	ND		2.5	ug/L			10/21/21 15:27	5
1,1,2-Trichloroethane	ND		2.5	ug/L			10/21/21 15:27	5
Trichloroethene	ND		2.5	ug/L			10/21/21 15:27	5
Trichlorofluoromethane	ND		5.0	ug/L			10/21/21 15:27	5
1,2,3-Trichloropropane	ND		5.0	ug/L			10/21/21 15:27	5
1,2,4-Trimethylbenzene	ND		5.0	ug/L			10/21/21 15:27	5
1,3,5-Trimethylbenzene	ND		2.5	ug/L			10/21/21 15:27	5
Vinyl chloride	ND		2.5	ug/L			10/21/21 15:27	5
m-Xylene & p-Xylene	ND		2.5	ug/L			10/21/21 15:27	5
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.5	ug/L			10/21/21 15:27	5
o-Xylene	ND		2.5	ug/L			10/21/21 15:27	5
Vinyl acetate	ND		10	ug/L			10/21/21 15:27	5
Xylenes, Total	ND		2.5	ug/L			10/21/21 15:27	5
Methyl tert-butyl ether	ND		2.5	ug/L			10/21/21 15:27	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		74 - 120		10/21/21 15:27	5
1,2-Dichloroethane-d4 (Surr)	117		72 - 123		10/21/21 15:27	5
Toluene-d8 (Surr)	100		78 - 120		10/21/21 15:27	5
Dibromofluoromethane (Surr)	111		80 - 123		10/21/21 15:27	5

Client Sample ID: MW-8

Lab Sample ID: 320-80179-4

Date Collected: 10/11/21 16:53

Matrix: Water

Date Received: 10/12/21 09:15

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		50	ug/L			10/21/21 15:50	5
Benzene	ND		2.5	ug/L			10/21/21 15:50	5
Bromobenzene	ND		5.0	ug/L			10/21/21 15:50	5
Bromochloromethane	ND		5.0	ug/L			10/21/21 15:50	5
Bromodichloromethane	ND		2.5	ug/L			10/21/21 15:50	5

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80179-1

Client Sample ID: MW-8

Lab Sample ID: 320-80179-4

Date Collected: 10/11/21 16:53

Matrix: Water

Date Received: 10/12/21 09:15

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		5.0	ug/L			10/21/21 15:50	5
Bromomethane	ND		5.0	ug/L			10/21/21 15:50	5
n-Butylbenzene	ND		5.0	ug/L			10/21/21 15:50	5
2-Butanone (MEK)	ND		10	ug/L			10/21/21 15:50	5
sec-Butylbenzene	ND		5.0	ug/L			10/21/21 15:50	5
tert-Butylbenzene	ND		5.0	ug/L			10/21/21 15:50	5
Carbon tetrachloride	ND		2.5	ug/L			10/21/21 15:50	5
Chlorobenzene	ND		2.5	ug/L			10/21/21 15:50	5
Carbon disulfide	ND		10	ug/L			10/21/21 15:50	5
Chloroethane	ND		5.0	ug/L			10/21/21 15:50	5
Chloroform	ND		5.0	ug/L			10/21/21 15:50	5
Chloromethane	ND		5.0	ug/L			10/21/21 15:50	5
2-Chlorotoluene	ND		2.5	ug/L			10/21/21 15:50	5
4-Chlorotoluene	ND		2.5	ug/L			10/21/21 15:50	5
1,2-Dibromo-3-Chloropropane	ND		5.0	ug/L			10/21/21 15:50	5
1,2-Dibromoethane (EDB)	ND		2.5	ug/L			10/21/21 15:50	5
Dibromomethane	ND		2.5	ug/L			10/21/21 15:50	5
1,2-Dichlorobenzene	ND		2.5	ug/L			10/21/21 15:50	5
1,3-Dichlorobenzene	ND		2.5	ug/L			10/21/21 15:50	5
1,4-Dichlorobenzene	ND		2.5	ug/L			10/21/21 15:50	5
Dibromochloromethane	ND		2.5	ug/L			10/21/21 15:50	5
Dichlorodifluoromethane	ND		5.0	ug/L			10/21/21 15:50	5
1,1-Dichloroethane	ND		2.5	ug/L			10/21/21 15:50	5
1,2-Dichloroethane	ND		2.5	ug/L			10/21/21 15:50	5
cis-1,2-Dichloroethene	ND		2.5	ug/L			10/21/21 15:50	5
trans-1,2-Dichloroethene	ND		2.5	ug/L			10/21/21 15:50	5
1,1-Dichloroethene	ND		2.5	ug/L			10/21/21 15:50	5
1,2-Dichloropropane	ND		2.5	ug/L			10/21/21 15:50	5
1,3-Dichloropropane	ND		5.0	ug/L			10/21/21 15:50	5
2,2-Dichloropropane	ND		5.0	ug/L			10/21/21 15:50	5
cis-1,3-Dichloropropene	ND		2.5	ug/L			10/21/21 15:50	5
trans-1,3-Dichloropropene	ND		2.5	ug/L			10/21/21 15:50	5
1,1-Dichloropropene	ND		2.5	ug/L			10/21/21 15:50	5
Ethylbenzene	ND		2.5	ug/L			10/21/21 15:50	5
Hexachlorobutadiene	ND		5.0	ug/L			10/21/21 15:50	5
Isopropylbenzene	ND		2.5	ug/L			10/21/21 15:50	5
p-Isopropyltoluene	ND		5.0	ug/L			10/21/21 15:50	5
Methylene Chloride	ND		5.0	ug/L			10/21/21 15:50	5
Naphthalene	ND		5.0	ug/L			10/21/21 15:50	5
2-Hexanone	ND		10	ug/L			10/21/21 15:50	5
N-Propylbenzene	ND		5.0	ug/L			10/21/21 15:50	5
Styrene	ND		2.5	ug/L			10/21/21 15:50	5
1,1,1,2-Tetrachloroethane	ND		2.5	ug/L			10/21/21 15:50	5
1,1,2,2-Tetrachloroethane	ND		2.5	ug/L			10/21/21 15:50	5
4-Methyl-2-pentanone (MIBK)	ND		10	ug/L			10/21/21 15:50	5
Tetrachloroethene	ND		2.5	ug/L			10/21/21 15:50	5
Toluene	ND		2.5	ug/L			10/21/21 15:50	5
1,2,3-Trichlorobenzene	ND		5.0	ug/L			10/21/21 15:50	5
1,2,4-Trichlorobenzene	ND		5.0	ug/L			10/21/21 15:50	5

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80179-1

Client Sample ID: MW-8

Lab Sample ID: 320-80179-4

Date Collected: 10/11/21 16:53

Matrix: Water

Date Received: 10/12/21 09:15

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.5	ug/L			10/21/21 15:50	5
1,1,2-Trichloroethane	ND		2.5	ug/L			10/21/21 15:50	5
Trichloroethene	ND		2.5	ug/L			10/21/21 15:50	5
Trichlorofluoromethane	ND		5.0	ug/L			10/21/21 15:50	5
1,2,3-Trichloropropane	ND		5.0	ug/L			10/21/21 15:50	5
1,2,4-Trimethylbenzene	ND		5.0	ug/L			10/21/21 15:50	5
1,3,5-Trimethylbenzene	ND		2.5	ug/L			10/21/21 15:50	5
Vinyl chloride	ND		2.5	ug/L			10/21/21 15:50	5
m-Xylene & p-Xylene	ND		2.5	ug/L			10/21/21 15:50	5
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.5	ug/L			10/21/21 15:50	5
o-Xylene	ND		2.5	ug/L			10/21/21 15:50	5
Vinyl acetate	ND		10	ug/L			10/21/21 15:50	5
Xylenes, Total	ND		2.5	ug/L			10/21/21 15:50	5
Methyl tert-butyl ether	ND		2.5	ug/L			10/21/21 15:50	5
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		74 - 120				10/21/21 15:50	5
1,2-Dichloroethane-d4 (Surr)	113		72 - 123				10/21/21 15:50	5
Toluene-d8 (Surr)	102		78 - 120				10/21/21 15:50	5
Dibromofluoromethane (Surr)	105		80 - 123				10/21/21 15:50	5

Surrogate Summary

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80179-1

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

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	BFB (74-120)	DCA (72-123)	TOL (78-120)	DBFM (80-123)
320-80179-1	MW-5	113	116	102	107
320-80179-2	MW-6	111	113	101	107
320-80179-3	MW-7	114	117	100	111
320-80179-4	MW-8	111	113	102	105
LCS 320-536017/3	Lab Control Sample	108	116	101	110
LCSD 320-536017/4	Lab Control Sample Dup	108	111	101	108
MB 320-536017/7	Method Blank	110	112	101	103

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

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

TOL = Toluene-d8 (Surr)

DBFM = Dibromofluoromethane (Surr)

QC Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80179-1

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

Lab Sample ID: MB 320-536017/7

Matrix: Water

Analysis Batch: 536017

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	ug/L			10/21/21 11:57	1
Benzene	ND		0.50	ug/L			10/21/21 11:57	1
Bromobenzene	ND		1.0	ug/L			10/21/21 11:57	1
Bromochloromethane	ND		1.0	ug/L			10/21/21 11:57	1
Bromodichloromethane	ND		0.50	ug/L			10/21/21 11:57	1
Bromoform	ND		1.0	ug/L			10/21/21 11:57	1
Bromomethane	ND		1.0	ug/L			10/21/21 11:57	1
n-Butylbenzene	ND		1.0	ug/L			10/21/21 11:57	1
2-Butanone (MEK)	ND		2.0	ug/L			10/21/21 11:57	1
sec-Butylbenzene	ND		1.0	ug/L			10/21/21 11:57	1
tert-Butylbenzene	ND		1.0	ug/L			10/21/21 11:57	1
Carbon tetrachloride	ND		0.50	ug/L			10/21/21 11:57	1
Chlorobenzene	ND		0.50	ug/L			10/21/21 11:57	1
Carbon disulfide	ND		2.0	ug/L			10/21/21 11:57	1
Chloroethane	ND		1.0	ug/L			10/21/21 11:57	1
Chloroform	ND		1.0	ug/L			10/21/21 11:57	1
Chloromethane	ND		1.0	ug/L			10/21/21 11:57	1
2-Chlorotoluene	ND		0.50	ug/L			10/21/21 11:57	1
4-Chlorotoluene	ND		0.50	ug/L			10/21/21 11:57	1
1,2-Dibromo-3-Chloropropane	ND		1.0	ug/L			10/21/21 11:57	1
1,2-Dibromoethane (EDB)	ND		0.50	ug/L			10/21/21 11:57	1
Dibromomethane	ND		0.50	ug/L			10/21/21 11:57	1
1,2-Dichlorobenzene	ND		0.50	ug/L			10/21/21 11:57	1
1,3-Dichlorobenzene	ND		0.50	ug/L			10/21/21 11:57	1
1,4-Dichlorobenzene	ND		0.50	ug/L			10/21/21 11:57	1
Dibromochloromethane	ND		0.50	ug/L			10/21/21 11:57	1
Dichlorodifluoromethane	ND		1.0	ug/L			10/21/21 11:57	1
1,1-Dichloroethane	ND		0.50	ug/L			10/21/21 11:57	1
1,2-Dichloroethane	ND		0.50	ug/L			10/21/21 11:57	1
cis-1,2-Dichloroethene	ND		0.50	ug/L			10/21/21 11:57	1
trans-1,2-Dichloroethene	ND		0.50	ug/L			10/21/21 11:57	1
1,1-Dichloroethene	ND		0.50	ug/L			10/21/21 11:57	1
1,2-Dichloropropane	ND		0.50	ug/L			10/21/21 11:57	1
1,3-Dichloropropane	ND		1.0	ug/L			10/21/21 11:57	1
2,2-Dichloropropane	ND		1.0	ug/L			10/21/21 11:57	1
cis-1,3-Dichloropropene	ND		0.50	ug/L			10/21/21 11:57	1
trans-1,3-Dichloropropene	ND		0.50	ug/L			10/21/21 11:57	1
1,1-Dichloropropene	ND		0.50	ug/L			10/21/21 11:57	1
Ethylbenzene	ND		0.50	ug/L			10/21/21 11:57	1
Hexachlorobutadiene	ND		1.0	ug/L			10/21/21 11:57	1
Isopropylbenzene	ND		0.50	ug/L			10/21/21 11:57	1
p-Isopropyltoluene	ND		1.0	ug/L			10/21/21 11:57	1
Methylene Chloride	ND		1.0	ug/L			10/21/21 11:57	1
Naphthalene	ND		1.0	ug/L			10/21/21 11:57	1
2-Hexanone	ND		2.0	ug/L			10/21/21 11:57	1
N-Propylbenzene	ND		1.0	ug/L			10/21/21 11:57	1
Styrene	ND		0.50	ug/L			10/21/21 11:57	1
1,1,1,2-Tetrachloroethane	ND		0.50	ug/L			10/21/21 11:57	1

Eurofins TestAmerica, Sacramento

QC Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80179-1

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

Lab Sample ID: MB 320-536017/7

Matrix: Water

Analysis Batch: 536017

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		0.50	ug/L			10/21/21 11:57	1
4-Methyl-2-pentanone (MIBK)	ND		2.0	ug/L			10/21/21 11:57	1
Tetrachloroethene	ND		0.50	ug/L			10/21/21 11:57	1
Toluene	ND		0.50	ug/L			10/21/21 11:57	1
1,2,3-Trichlorobenzene	ND		1.0	ug/L			10/21/21 11:57	1
1,2,4-Trichlorobenzene	ND		1.0	ug/L			10/21/21 11:57	1
1,1,1-Trichloroethane	ND		0.50	ug/L			10/21/21 11:57	1
1,1,2-Trichloroethane	ND		0.50	ug/L			10/21/21 11:57	1
Trichloroethene	ND		0.50	ug/L			10/21/21 11:57	1
Trichlorofluoromethane	ND		1.0	ug/L			10/21/21 11:57	1
1,2,3-Trichloropropane	ND		1.0	ug/L			10/21/21 11:57	1
1,2,4-Trimethylbenzene	ND		1.0	ug/L			10/21/21 11:57	1
1,3,5-Trimethylbenzene	ND		0.50	ug/L			10/21/21 11:57	1
Vinyl chloride	ND		0.50	ug/L			10/21/21 11:57	1
m-Xylene & p-Xylene	ND		0.50	ug/L			10/21/21 11:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	ug/L			10/21/21 11:57	1
o-Xylene	ND		0.50	ug/L			10/21/21 11:57	1
Vinyl acetate	ND		2.0	ug/L			10/21/21 11:57	1
Xylenes, Total	ND		0.50	ug/L			10/21/21 11:57	1
Methyl tert-butyl ether	ND		0.50	ug/L			10/21/21 11:57	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		74 - 120		10/21/21 11:57	1
1,2-Dichloroethane-d4 (Surr)	112		72 - 123		10/21/21 11:57	1
Toluene-d8 (Surr)	101		78 - 120		10/21/21 11:57	1
Dibromofluoromethane (Surr)	103		80 - 123		10/21/21 11:57	1

Lab Sample ID: LCS 320-536017/3

Matrix: Water

Analysis Batch: 536017

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	50.0	50.8		ug/L		102	55 - 145
Benzene	20.0	19.5		ug/L		98	79 - 120
Bromobenzene	20.0	19.5		ug/L		98	80 - 120
Bromochloromethane	20.0	19.9		ug/L		100	80 - 120
Bromodichloromethane	20.0	21.1		ug/L		106	80 - 124
Bromoform	20.0	18.2		ug/L		91	80 - 120
Bromomethane	20.0	18.4		ug/L		92	65 - 132
n-Butylbenzene	20.0	20.2		ug/L		101	72 - 120
2-Butanone (MEK)	50.0	46.9		ug/L		94	66 - 129
sec-Butylbenzene	20.0	19.8		ug/L		99	77 - 120
tert-Butylbenzene	20.0	19.6		ug/L		98	78 - 120
Carbon tetrachloride	20.0	20.6		ug/L		103	78 - 124
Chlorobenzene	20.0	18.8		ug/L		94	78 - 120
Carbon disulfide	20.0	18.0		ug/L		90	65 - 121
Chloroethane	20.0	17.4		ug/L		87	65 - 123
Chloroform	20.0	20.5		ug/L		102	80 - 120

Eurofins TestAmerica, Sacramento

QC Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80179-1

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

Lab Sample ID: LCS 320-536017/3

Matrix: Water

Analysis Batch: 536017

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloromethane	20.0	15.9		ug/L		80	62 - 129
2-Chlorotoluene	20.0	20.1		ug/L		100	79 - 120
4-Chlorotoluene	20.0	19.8		ug/L		99	80 - 121
1,2-Dibromo-3-Chloropropane	20.0	19.5		ug/L		98	66 - 121
1,2-Dibromoethane (EDB)	20.0	19.3		ug/L		97	78 - 120
Dibromomethane	20.0	19.3		ug/L		97	80 - 121
1,2-Dichlorobenzene	20.0	20.4		ug/L		102	77 - 120
1,3-Dichlorobenzene	20.0	19.7		ug/L		99	78 - 120
1,4-Dichlorobenzene	20.0	20.2		ug/L		101	74 - 120
Dibromochloromethane	20.0	19.7		ug/L		99	80 - 122
Dichlorodifluoromethane	20.0	16.7		ug/L		84	39 - 161
1,1-Dichloroethane	20.0	19.3		ug/L		96	79 - 120
1,2-Dichloroethane	20.0	20.6		ug/L		103	77 - 128
cis-1,2-Dichloroethene	20.0	20.2		ug/L		101	78 - 120
trans-1,2-Dichloroethene	20.0	19.1		ug/L		96	76 - 120
1,1-Dichloroethene	20.0	19.8		ug/L		99	74 - 120
1,2-Dichloropropane	20.0	19.9		ug/L		99	75 - 125
1,3-Dichloropropane	20.0	18.9		ug/L		95	79 - 120
2,2-Dichloropropane	20.0	19.7		ug/L		99	75 - 127
cis-1,3-Dichloropropene	20.0	20.3		ug/L		101	80 - 131
trans-1,3-Dichloropropene	20.0	20.0		ug/L		100	75 - 133
1,1-Dichloropropene	20.0	19.8		ug/L		99	77 - 120
Ethylbenzene	20.0	19.0		ug/L		95	80 - 120
Hexachlorobutadiene	20.0	22.2		ug/L		111	69 - 120
Isopropylbenzene	20.0	19.6		ug/L		98	80 - 121
p-Isopropyltoluene	20.0	20.0		ug/L		100	76 - 120
Methylene Chloride	20.0	20.4		ug/L		102	77 - 120
Naphthalene	20.0	21.0		ug/L		105	56 - 143
2-Hexanone	50.0	47.9		ug/L		96	54 - 128
N-Propylbenzene	20.0	19.6		ug/L		98	76 - 120
Styrene	20.0	19.5		ug/L		98	80 - 120
1,1,1,2-Tetrachloroethane	20.0	19.8		ug/L		99	79 - 120
1,1,2,2-Tetrachloroethane	20.0	20.0		ug/L		100	74 - 137
4-Methyl-2-pentanone (MIBK)	50.0	48.1		ug/L		96	64 - 128
Tetrachloroethene	20.0	19.8		ug/L		99	74 - 120
Toluene	20.0	19.4		ug/L		97	79 - 126
1,2,3-Trichlorobenzene	20.0	21.1		ug/L		105	47 - 162
1,2,4-Trichlorobenzene	20.0	21.7		ug/L		108	61 - 130
1,1,1-Trichloroethane	20.0	20.6		ug/L		103	79 - 121
1,1,2-Trichloroethane	20.0	19.3		ug/L		97	79 - 127
Trichloroethene	20.0	19.8		ug/L		99	74 - 120
Trichlorofluoromethane	20.0	19.5		ug/L		98	60 - 135
1,2,3-Trichloropropane	20.0	20.0		ug/L		100	73 - 120
1,2,4-Trimethylbenzene	20.0	20.2		ug/L		101	76 - 120
1,3,5-Trimethylbenzene	20.0	20.2		ug/L		101	79 - 120
Vinyl chloride	20.0	17.3		ug/L		87	68 - 121
m-Xylene & p-Xylene	20.0	18.9		ug/L		95	80 - 121
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	19.0		ug/L		95	64 - 125

Eurofins TestAmerica, Sacramento

QC Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80179-1

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

Lab Sample ID: LCS 320-536017/3

Matrix: Water

Analysis Batch: 536017

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
o-Xylene	20.0	19.5		ug/L		98	80 - 124
Vinyl acetate	20.0	21.3		ug/L		107	64 - 136
Xylenes, Total	40.0	38.4		ug/L		96	80 - 123
Methyl tert-butyl ether	20.0	20.2		ug/L		101	71 - 125

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		74 - 120
1,2-Dichloroethane-d4 (Surr)	116		72 - 123
Toluene-d8 (Surr)	101		78 - 120
Dibromofluoromethane (Surr)	110		80 - 123

Lab Sample ID: LCSD 320-536017/4

Matrix: Water

Analysis Batch: 536017

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
Acetone	50.0	50.5		ug/L		101	55 - 145	1	49
Benzene	20.0	19.1		ug/L		96	79 - 120	2	21
Bromobenzene	20.0	19.7		ug/L		99	80 - 120	1	17
Bromochloromethane	20.0	19.3		ug/L		97	80 - 120	3	19
Bromodichloromethane	20.0	20.5		ug/L		103	80 - 124	3	20
Bromoform	20.0	19.1		ug/L		95	80 - 120	4	16
Bromomethane	20.0	18.2		ug/L		91	65 - 132	1	40
n-Butylbenzene	20.0	20.4		ug/L		102	72 - 120	1	25
2-Butanone (MEK)	50.0	47.0		ug/L		94	66 - 129	0	34
sec-Butylbenzene	20.0	19.8		ug/L		99	77 - 120	0	19
tert-Butylbenzene	20.0	19.4		ug/L		97	78 - 120	1	19
Carbon tetrachloride	20.0	19.7		ug/L		99	78 - 124	4	25
Chlorobenzene	20.0	19.3		ug/L		97	78 - 120	3	15
Carbon disulfide	20.0	17.6		ug/L		88	65 - 121	2	26
Chloroethane	20.0	17.6		ug/L		88	65 - 123	1	40
Chloroform	20.0	19.5		ug/L		98	80 - 120	5	22
Chloromethane	20.0	15.2		ug/L		76	62 - 129	5	25
2-Chlorotoluene	20.0	20.0		ug/L		100	79 - 120	0	19
4-Chlorotoluene	20.0	20.0		ug/L		100	80 - 121	1	19
1,2-Dibromo-3-Chloropropane	20.0	19.6		ug/L		98	66 - 121	0	33
1,2-Dibromoethane (EDB)	20.0	20.0		ug/L		100	78 - 120	4	15
Dibromomethane	20.0	19.4		ug/L		97	80 - 121	0	17
1,2-Dichlorobenzene	20.0	20.2		ug/L		101	77 - 120	1	19
1,3-Dichlorobenzene	20.0	19.7		ug/L		99	78 - 120	0	17
1,4-Dichlorobenzene	20.0	19.9		ug/L		100	74 - 120	2	15
Dibromochloromethane	20.0	20.3		ug/L		101	80 - 122	3	17
Dichlorodifluoromethane	20.0	16.2		ug/L		81	39 - 161	3	51
1,1-Dichloroethane	20.0	18.3		ug/L		92	79 - 120	5	21
1,2-Dichloroethane	20.0	19.7		ug/L		98	77 - 128	5	25
cis-1,2-Dichloroethene	20.0	19.2		ug/L		96	78 - 120	5	18
trans-1,2-Dichloroethene	20.0	18.4		ug/L		92	76 - 120	4	20
1,1-Dichloroethene	20.0	19.4		ug/L		97	74 - 120	2	22

Eurofins TestAmerica, Sacramento

QC Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80179-1

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

Lab Sample ID: LCSD 320-536017/4

Matrix: Water

Analysis Batch: 536017

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2-Dichloropropane	20.0	19.8		ug/L		99	75 - 125	0	27
1,3-Dichloropropane	20.0	19.3		ug/L		96	79 - 120	2	15
2,2-Dichloropropane	20.0	19.3		ug/L		96	75 - 127	2	25
cis-1,3-Dichloropropene	20.0	20.5		ug/L		103	80 - 131	1	24
trans-1,3-Dichloropropene	20.0	20.6		ug/L		103	75 - 133	3	29
1,1-Dichloropropene	20.0	19.3		ug/L		96	77 - 120	3	20
Ethylbenzene	20.0	19.1		ug/L		95	80 - 120	0	15
Hexachlorobutadiene	20.0	21.4		ug/L		107	69 - 120	4	30
Isopropylbenzene	20.0	19.4		ug/L		97	80 - 121	1	17
p-Isopropyltoluene	20.0	20.1		ug/L		101	76 - 120	1	18
Methylene Chloride	20.0	19.8		ug/L		99	77 - 120	3	20
Naphthalene	20.0	20.4		ug/L		102	56 - 143	3	48
2-Hexanone	50.0	50.5		ug/L		101	54 - 128	5	31
N-Propylbenzene	20.0	19.6		ug/L		98	76 - 120	0	26
Styrene	20.0	19.6		ug/L		98	80 - 120	0	15
1,1,1,2-Tetrachloroethane	20.0	19.6		ug/L		98	79 - 120	1	23
1,1,2,2-Tetrachloroethane	20.0	20.7		ug/L		103	74 - 137	3	27
4-Methyl-2-pentanone (MIBK)	50.0	49.7		ug/L		99	64 - 128	3	33
Tetrachloroethene	20.0	19.6		ug/L		98	74 - 120	1	18
Toluene	20.0	19.7		ug/L		98	79 - 126	1	20
1,2,3-Trichlorobenzene	20.0	20.7		ug/L		104	47 - 162	2	45
1,2,4-Trichlorobenzene	20.0	20.4		ug/L		102	61 - 130	6	40
1,1,1-Trichloroethane	20.0	19.9		ug/L		100	79 - 121	3	25
1,1,2-Trichloroethane	20.0	20.1		ug/L		100	79 - 127	4	30
Trichloroethene	20.0	19.7		ug/L		98	74 - 120	1	20
Trichlorofluoromethane	20.0	19.2		ug/L		96	60 - 135	2	41
1,2,3-Trichloropropane	20.0	20.4		ug/L		102	73 - 120	2	22
1,2,4-Trimethylbenzene	20.0	20.1		ug/L		100	76 - 120	1	17
1,3,5-Trimethylbenzene	20.0	20.3		ug/L		101	79 - 120	0	20
Vinyl chloride	20.0	17.3		ug/L		87	68 - 121	0	33
m-Xylene & p-Xylene	20.0	19.0		ug/L		95	80 - 121	1	15
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	18.7		ug/L		94	64 - 125	1	40
o-Xylene	20.0	19.5		ug/L		97	80 - 124	0	18
Vinyl acetate	20.0	20.7		ug/L		104	64 - 136	3	30
Xylenes, Total	40.0	38.5		ug/L		96	80 - 123	0	16
Methyl tert-butyl ether	20.0	19.2		ug/L		96	71 - 125	5	24

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		74 - 120
1,2-Dichloroethane-d4 (Surr)	111		72 - 123
Toluene-d8 (Surr)	101		78 - 120
Dibromofluoromethane (Surr)	108		80 - 123

QC Association Summary

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80179-1

GC/MS VOA

Analysis Batch: 536017

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-80179-1	MW-5	Total/NA	Water	8260B	
320-80179-2	MW-6	Total/NA	Water	8260B	
320-80179-3	MW-7	Total/NA	Water	8260B	
320-80179-4	MW-8	Total/NA	Water	8260B	
MB 320-536017/7	Method Blank	Total/NA	Water	8260B	
LCS 320-536017/3	Lab Control Sample	Total/NA	Water	8260B	
LCSD 320-536017/4	Lab Control Sample Dup	Total/NA	Water	8260B	

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80179-1

Client Sample ID: MW-5

Date Collected: 10/11/21 10:05

Date Received: 10/12/21 09:15

Lab Sample ID: 320-80179-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		5	50 mL	50 mL	536017	10/21/21 14:40	EMJ	TAL SAC

Client Sample ID: MW-6

Date Collected: 10/11/21 12:40

Date Received: 10/12/21 09:15

Lab Sample ID: 320-80179-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		5	50 mL	50 mL	536017	10/21/21 15:03	EMJ	TAL SAC

Client Sample ID: MW-7

Date Collected: 10/11/21 14:40

Date Received: 10/12/21 09:15

Lab Sample ID: 320-80179-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		5	50 mL	50 mL	536017	10/21/21 15:27	EMJ	TAL SAC

Client Sample ID: MW-8

Date Collected: 10/11/21 16:53

Date Received: 10/12/21 09:15

Lab Sample ID: 320-80179-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		5	50 mL	50 mL	536017	10/21/21 15:50	EMJ	TAL SAC

Laboratory References:

TAL SAC = Eurofins TestAmerica, Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Accreditation/Certification Summary

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80179-1

Laboratory: Eurofins TestAmerica, Sacramento

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	State	2897	01-31-22

Method Summary

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80179-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL SAC
5030B	Purge and Trap	SW846	TAL SAC

Protocol References:

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

Laboratory References:

TAL SAC = Eurofins TestAmerica, Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Sample Summary

Client: Haley & Aldrich, Inc.
Project/Site: 160/180 Sylvester Rd, SSF

Job ID: 320-80179-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
320-80179-1	MW-5	Water	10/11/21 10:05	10/12/21 09:15
320-80179-2	MW-6	Water	10/11/21 12:40	10/12/21 09:15
320-80179-3	MW-7	Water	10/11/21 14:40	10/12/21 09:15
320-80179-4	MW-8	Water	10/11/21 16:53	10/12/21 09:15

West Sacramento, CA 95605-1500
phone 916.373.5600 fax 303.467.72

TestAmerica Laboratories, Inc.

Regulatory Program. ☐ DW ☐ NPDES ☐ RCRA ☐ Other: _____

TestAmerica's services under this CoC shall be performed in accordance with the T&Cs within Blanket Service Agreement# 2019-22-TestAmerica and between Halex & Aldrich, Inc. its subsidiaries and affiliates, and TestAmerica Laboratories Inc.

Client Contact Haley & Aldrich J. Grant Address: 2033 North Main Street Suite 309 City/State/Zip: Walnut Creek, CA 94596 Phone: (925) 949-1012 FAX: (925) 979-1456 H&A Project Number 0203394-000-600-01 Site: 160/180 Sylvester Rd South San Francisco, CA 94080 H&A P O #		H&A Project Manager: J. Grant Tel/Fax: 925-949-4412 Analysis Turnaround Time ☐ CALENDAR DAYS ☐ WORKING DAYS TAT if different from Below 5-DAY TAT ☐ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day		H&A Site Contact: A. Caveney Lab Contact: L. Heathcote		Date 10/11/11 Carrier:		COC No: 1 of 1 COCs Sampler A. Caveney For Lab Use Only: Walk-in Client: Lab Sampling: Job / SDG No.: Sample Specific Notes:	
Sample Identification MW-5 MW-6 MW-7 MW-8		Sample Date G G G G		Sample Type (C=Comp, G=Grab) WT WT WT WT		Matrix N N N N		Filtered Sample (Y/N) N N N N	
Sample Date G G G G		Sample Time G G G G		Sample Type (C=Comp, G=Grab) WT WT WT WT		Matrix N N N N		Filtered Sample (Y/N) N N N N	
Sample Date G G G G		Sample Time G G G G		Sample Type (C=Comp, G=Grab) WT WT WT WT		Matrix N N N N		Filtered Sample (Y/N) N N N N	
Sample Date G G G G		Sample Time G G G G		Sample Type (C=Comp, G=Grab) WT WT WT WT		Matrix N N N N		Filtered Sample (Y/N) N N N N	
Sample Date G G G G		Sample Time G G G G		Sample Type (C=Comp, G=Grab) WT WT WT WT		Matrix N N N N		Filtered Sample (Y/N) N N N N	
Sample Date G G G G		Sample Time G G G G		Sample Type (C=Comp, G=Grab) WT WT WT WT		Matrix N N N N		Filtered Sample (Y/N) N N N N	
Sample Date G G G G		Sample Time G G G G		Sample Type (C=Comp, G=Grab) WT WT WT WT		Matrix N N N N		Filtered Sample (Y/N) N N N N	
Sample Date G G G G		Sample Time G G G G		Sample Type (C=Comp, G=Grab) WT WT WT WT		Matrix N N N N		Filtered Sample (Y/N) N N N N	
Sample Date G G G G		Sample Time G G G G		Sample Type (C=Comp, G=Grab) WT WT WT WT		Matrix N N N N		Filtered Sample (Y/N) N N N N	
Sample Date G G G G		Sample Time G G G G		Sample Type (C=Comp, G=Grab) WT WT WT WT		Matrix N N N N		Filtered Sample (Y/N) N N N N	
Sample Date G G G G		Sample Time G G G G		Sample Type (C=Comp, G=Grab) WT WT WT WT		Matrix N N N N		Filtered Sample (Y/N) N N N N	
Sample Date G G G G		Sample Time G G G G		Sample Type (C=Comp, G=Grab) WT WT WT WT		Matrix N N N N		Filtered Sample (Y/N) N N N N	
Sample Date G G G G		Sample Time G G G G		Sample Type (C=Comp, G=Grab) WT WT WT WT		Matrix N N N N		Filtered Sample (Y/N) N N N N	
Sample Date G G G G		Sample Time G G G G		Sample Type (C=Comp, G=Grab) WT WT WT WT		Matrix N N N N		Filtered Sample (Y/N) N N N N	
Sample Date G G G G		Sample Time G G G G		Sample Type (C=Comp, G=Grab) WT WT WT WT		Matrix N N N N		Filtered Sample (Y/N) N N N N	
Sample Date G G G G		Sample Time G G G G		Sample Type (C=Comp, G=Grab) WT WT WT WT		Matrix N N N N		Filtered Sample (Y/N) N N N N	
Sample Date G G G G		Sample Time G G G G		Sample Type (C=Comp, G=Grab) WT WT WT WT		Matrix N N N N			

Chain of Custody Record



Client Information (Sub Contract Lab)		Lab PM Heathcote, Lee Ann		Carrier Tracking No(s): 320-244947.1					
Client Contact Shipping/Receiving		E-Mail LeeAnn.Heathcote@Eurofinset.com		Page Page 1 of 1					
Company TestAmerica Laboratories, Inc.		Accreditations Required (See note): State - California		Job # 320-80179-1					
Address 880 Riverside Parkway		Due Date Requested: 10/18/2021		Preservation Codes: A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other: M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2S2O3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 Z - other (specify)					
City West Sacramento		TAT Requested (days):		Analysis Requested					
State Zip CA, 95605		PO #							
Phone 916-373-5600(Tel) 916-372-1059(Fax)		WO #							
Email		Project # 32018807							
Site 1601/180 Sylvester Rd. SF		SSOW#							
Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (Water, Solid, Overstuffed, BT-Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	826B/5030B (MOD) VOCs, Standard List	Total Number of Containers	Special Instructions/Note:
MW-5 (320-80179-1)	10/11/21	10 05 Pacific		Water	X		X	3	
MW-6 (320-80179-2)	10/11/21	12 40 Pacific		Water	X		X	3	
MW-7 (320-80179-3)	10/11/21	14 40 Pacific		Water	X		X	3	
MW-8 (320-80179-4)	10/11/21	16 53 Pacific		Water	X		X	3	
Note: Since laboratory accreditations are subject to change, Eurofins TestAmerica places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/testing, the samples must be shipped back to the Eurofins TestAmerica laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins TestAmerica attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins TestAmerica.									
Possible Hazard Identification Unconfirmed Deliverable Requested: I, II, III, IV, Other (specify) _____ Primary Deliverable Rank: 2 Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months Special Instructions/QC Requirements: _____									
Empty Kit Relinquished by: _____ Date: _____ Time: _____ Method of Shipment: _____ Relinquished by: _____ Date/Time: 10/12/21 1600 Company: EMSJ Relinquished by: _____ Date/Time: 10-12-21 1845 Company: DES Relinquished by: _____ Date/Time: _____ Company: _____ Cooler Temperature(s) °C and Other Remarks: 3-1 Custody Seal No. _____ Δ Yes Δ No									

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 320-80179-1

Login Number: 80179

List Source: Eurofins TestAmerica, Sacramento

List Number: 1

Creator: Garcia, Hilario A

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	False	No sample date and/or time on COC, logged in per container labels.
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.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 320-80179-1

Login Number: 80179

List Number: 2

Creator: Guzman, Juan

List Source: Eurofins TestAmerica, Sacramento

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	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	3.1
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?	False	Received project as a subcontract.
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.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

ANALYTICAL REPORT

Eurofins TestAmerica, Sacramento
880 Riverside Parkway
West Sacramento, CA 95605
Tel: (916)373-5600

Laboratory Job ID: 320-80224-1

Client Project/Site: 120 E Grand Ave, SSF
Revision: 1

For:

Haley & Aldrich, Inc.
2033 North Main Street
Suite 309
Walnut Creek, California 94596

Attn: Jason Grant



Authorized for release by:
11/11/2021 2:13:28 PM

Lee Ann Heathcote, Project Manager II
(916)374-4333
LeeAnn.Heathcote@Eurofinset.com

LINKS

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The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

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

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

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Definitions/Glossary

Client: Haley & Aldrich, Inc.
Project/Site: 120 E Grand Ave, SSF

Job ID: 320-80224-1

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.

Metals

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

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
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)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
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)
TNTC	Too Numerous To Count

Case Narrative

Client: Haley & Aldrich, Inc.
Project/Site: 120 E Grand Ave, SSF

Job ID: 320-80224-1

Job ID: 320-80224-1

Laboratory: Eurofins TestAmerica, Sacramento

Narrative

Job Narrative 320-80224-1

Revision

This report was revised on 11/11/2021 to include narration regarding the date and time TerraCore samples were placed in the freezer (see Receipt below).

Comments

This report contains data for all methods requested on the chain-of-custody (COC) with the exception of 7471A Mercury, which may be found in the report for Job 320-80224-2.

Receipt

The samples were received on 10/12/2021 4:38 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 1.8° C.

The following samples were preserved via freezing on 10/12/2021 at 16:45: HA-120-1-S-0.5 (320-80224-1) and HA-120-1-S-4 (320-80224-2).

GC/MS VOA

Method 8260B: Dichlorodifluoromethane recovery in the initial calibration verification (ICV) associated with this analytical batch was greater than the limit of +/- 25%D, at 26.2%. Per SOP WS-MS-0007 Rev.5.11 section 10.6.10, up to three gases are permitted to have recoveries at <30%D; therefore, the data have been reported.

Method 8260B: Insufficient sample volume was available to perform a matrix spike / matrix spike duplicate (MS/MSD) associated with preparation batch 320-533912 and analytical batch 320-534221. The laboratory control sample (LCS) was performed in duplicate to provide precision data for this batch.

Method 8260B/CA_LUFTMS: Insufficient sample volume was available to perform a matrix spike / matrix spike duplicate (MS/MSD) associated with preparation batch 320-533912 and analytical batch 320-534220. The laboratory control sample (LCS) was performed in duplicate to provide precision data for this batch.

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

GC Semi VOA

Method 8015B: The matrix spike (MS) recoveries for preparation batch 320-534264 and analytical batch 320-535060 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8015B: The following samples contained a hydrocarbon pattern in the diesel range; however, the elution pattern was later than the typical diesel fuel pattern used by the laboratory for quantitative purposes: HA-120-1-S-0.5 (320-80224-1) and HA-120-1-S-4 (320-80224-2).

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

Metals

Method 6010B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 320-534327 and analytical batch 320-535211 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

Organic Prep

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

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: 120 E Grand Ave, SSF

Job ID: 320-80224-1

Client Sample ID: HA-120-1-S-0.5

Lab Sample ID: 320-80224-1

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	1.6		0.98	mg/Kg	1		8015B	Total/NA
Motor Oil Range Organics [C28-C40]	8.3	F1	4.9	mg/Kg	1		8015B	Total/NA
Arsenic	4.9		1.9	mg/Kg	1		6010B	Total/NA
Barium	120	F1	0.95	mg/Kg	1		6010B	Total/NA
Beryllium	0.38		0.19	mg/Kg	1		6010B	Total/NA
Cobalt	15		0.48	mg/Kg	1		6010B	Total/NA
Chromium	79	F1	0.48	mg/Kg	1		6010B	Total/NA
Copper	23		1.4	mg/Kg	1		6010B	Total/NA
Nickel	120		0.95	mg/Kg	1		6010B	Total/NA
Lead	12		0.95	mg/Kg	1		6010B	Total/NA
Vanadium	45		0.48	mg/Kg	1		6010B	Total/NA
Zinc	52		1.9	mg/Kg	1		6010B	Total/NA

Client Sample ID: HA-120-1-S-4

Lab Sample ID: 320-80224-2

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	1.3		0.97	mg/Kg	1		8015B	Total/NA
Motor Oil Range Organics [C28-C40]	5.2		4.9	mg/Kg	1		8015B	Total/NA
Arsenic	5.5		1.9	mg/Kg	1		6010B	Total/NA
Barium	160		0.96	mg/Kg	1		6010B	Total/NA
Beryllium	0.30		0.19	mg/Kg	1		6010B	Total/NA
Cobalt	16		0.48	mg/Kg	1		6010B	Total/NA
Chromium	69		0.48	mg/Kg	1		6010B	Total/NA
Copper	27		1.4	mg/Kg	1		6010B	Total/NA
Nickel	90		0.96	mg/Kg	1		6010B	Total/NA
Lead	14		0.96	mg/Kg	1		6010B	Total/NA
Vanadium	51		0.48	mg/Kg	1		6010B	Total/NA
Zinc	57		1.9	mg/Kg	1		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: 120 E Grand Ave, SSF

Job ID: 320-80224-1

Client Sample ID: HA-120-1-S-0.5

Lab Sample ID: 320-80224-1

Date Collected: 10/11/21 18:30

Matrix: Solid

Date Received: 10/12/21 16:38

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C4-C12	ND		0.43	mg/Kg		10/12/21 16:45	10/15/21 18:57	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 131			10/12/21 16:45	10/15/21 18:57	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		17	ug/Kg		10/12/21 16:45	10/15/21 18:57	1
Benzene	ND		4.3	ug/Kg		10/12/21 16:45	10/15/21 18:57	1
Bromobenzene	ND		4.3	ug/Kg		10/12/21 16:45	10/15/21 18:57	1
Bromochloromethane	ND		4.3	ug/Kg		10/12/21 16:45	10/15/21 18:57	1
Bromodichloromethane	ND		4.3	ug/Kg		10/12/21 16:45	10/15/21 18:57	1
Bromoform	ND		4.3	ug/Kg		10/12/21 16:45	10/15/21 18:57	1
Bromomethane	ND		4.3	ug/Kg		10/12/21 16:45	10/15/21 18:57	1
2-Butanone (MEK)	ND		8.6	ug/Kg		10/12/21 16:45	10/15/21 18:57	1
n-Butylbenzene	ND		4.3	ug/Kg		10/12/21 16:45	10/15/21 18:57	1
sec-Butylbenzene	ND		4.3	ug/Kg		10/12/21 16:45	10/15/21 18:57	1
tert-Butylbenzene	ND		4.3	ug/Kg		10/12/21 16:45	10/15/21 18:57	1
Carbon disulfide	ND		8.6	ug/Kg		10/12/21 16:45	10/15/21 18:57	1
Carbon tetrachloride	ND		4.3	ug/Kg		10/12/21 16:45	10/15/21 18:57	1
Chlorobenzene	ND		4.3	ug/Kg		10/12/21 16:45	10/15/21 18:57	1
Chloroethane	ND		4.3	ug/Kg		10/12/21 16:45	10/15/21 18:57	1
Chloroform	ND		4.3	ug/Kg		10/12/21 16:45	10/15/21 18:57	1
Chloromethane	ND		4.3	ug/Kg		10/12/21 16:45	10/15/21 18:57	1
2-Chlorotoluene	ND		4.3	ug/Kg		10/12/21 16:45	10/15/21 18:57	1
4-Chlorotoluene	ND		4.3	ug/Kg		10/12/21 16:45	10/15/21 18:57	1
1,2-Dibromo-3-Chloropropane	ND		8.6	ug/Kg		10/12/21 16:45	10/15/21 18:57	1
1,2-Dibromoethane (EDB)	ND		8.6	ug/Kg		10/12/21 16:45	10/15/21 18:57	1
Dibromochloromethane	ND		4.3	ug/Kg		10/12/21 16:45	10/15/21 18:57	1
Dibromomethane	ND		4.3	ug/Kg		10/12/21 16:45	10/15/21 18:57	1
1,2-Dichlorobenzene	ND		4.3	ug/Kg		10/12/21 16:45	10/15/21 18:57	1
1,3-Dichlorobenzene	ND		4.3	ug/Kg		10/12/21 16:45	10/15/21 18:57	1
1,4-Dichlorobenzene	ND		4.3	ug/Kg		10/12/21 16:45	10/15/21 18:57	1
Dichlorodifluoromethane	ND		4.3	ug/Kg		10/12/21 16:45	10/15/21 18:57	1
1,1-Dichloroethane	ND		4.3	ug/Kg		10/12/21 16:45	10/15/21 18:57	1
1,2-Dichloroethane	ND		4.3	ug/Kg		10/12/21 16:45	10/15/21 18:57	1
cis-1,2-Dichloroethene	ND		4.3	ug/Kg		10/12/21 16:45	10/15/21 18:57	1
trans-1,2-Dichloroethene	ND		4.3	ug/Kg		10/12/21 16:45	10/15/21 18:57	1
1,1-Dichloroethene	ND		4.3	ug/Kg		10/12/21 16:45	10/15/21 18:57	1
1,2-Dichloropropane	ND		4.3	ug/Kg		10/12/21 16:45	10/15/21 18:57	1
1,3-Dichloropropane	ND		4.3	ug/Kg		10/12/21 16:45	10/15/21 18:57	1
2,2-Dichloropropane	ND		4.3	ug/Kg		10/12/21 16:45	10/15/21 18:57	1
cis-1,3-Dichloropropene	ND		4.3	ug/Kg		10/12/21 16:45	10/15/21 18:57	1
trans-1,3-Dichloropropene	ND		4.3	ug/Kg		10/12/21 16:45	10/15/21 18:57	1
1,1-Dichloropropene	ND		4.3	ug/Kg		10/12/21 16:45	10/15/21 18:57	1
Ethylbenzene	ND		4.3	ug/Kg		10/12/21 16:45	10/15/21 18:57	1
Hexachlorobutadiene	ND		4.3	ug/Kg		10/12/21 16:45	10/15/21 18:57	1
2-Hexanone	ND		8.6	ug/Kg		10/12/21 16:45	10/15/21 18:57	1
Isopropylbenzene	ND		4.3	ug/Kg		10/12/21 16:45	10/15/21 18:57	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: 120 E Grand Ave, SSF

Job ID: 320-80224-1

Client Sample ID: HA-120-1-S-0.5

Lab Sample ID: 320-80224-1

Date Collected: 10/11/21 18:30

Matrix: Solid

Date Received: 10/12/21 16:38

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
p-Isopropyltoluene	ND		4.3	ug/Kg		10/12/21 16:45	10/15/21 18:57	1
4-Methyl-2-pentanone (MIBK)	ND		8.6	ug/Kg		10/12/21 16:45	10/15/21 18:57	1
Methyl tert-butyl ether	ND		8.6	ug/Kg		10/12/21 16:45	10/15/21 18:57	1
Methylene Chloride	ND		8.6	ug/Kg		10/12/21 16:45	10/15/21 18:57	1
Naphthalene	ND		4.3	ug/Kg		10/12/21 16:45	10/15/21 18:57	1
N-Propylbenzene	ND		4.3	ug/Kg		10/12/21 16:45	10/15/21 18:57	1
Styrene	ND		4.3	ug/Kg		10/12/21 16:45	10/15/21 18:57	1
1,1,1,2-Tetrachloroethane	ND		4.3	ug/Kg		10/12/21 16:45	10/15/21 18:57	1
1,1,2,2-Tetrachloroethane	ND		4.3	ug/Kg		10/12/21 16:45	10/15/21 18:57	1
Tetrachloroethene	ND		4.3	ug/Kg		10/12/21 16:45	10/15/21 18:57	1
Toluene	ND		4.3	ug/Kg		10/12/21 16:45	10/15/21 18:57	1
1,2,3-Trichlorobenzene	ND		4.3	ug/Kg		10/12/21 16:45	10/15/21 18:57	1
1,2,4-Trichlorobenzene	ND		4.3	ug/Kg		10/12/21 16:45	10/15/21 18:57	1
1,1,1-Trichloroethane	ND		4.3	ug/Kg		10/12/21 16:45	10/15/21 18:57	1
1,1,2-Trichloroethane	ND		4.3	ug/Kg		10/12/21 16:45	10/15/21 18:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		8.6	ug/Kg		10/12/21 16:45	10/15/21 18:57	1
Trichloroethene	ND		4.3	ug/Kg		10/12/21 16:45	10/15/21 18:57	1
Trichlorofluoromethane	ND		4.3	ug/Kg		10/12/21 16:45	10/15/21 18:57	1
1,2,3-Trichloropropane	ND		4.3	ug/Kg		10/12/21 16:45	10/15/21 18:57	1
1,2,4-Trimethylbenzene	ND		4.3	ug/Kg		10/12/21 16:45	10/15/21 18:57	1
1,3,5-Trimethylbenzene	ND		4.3	ug/Kg		10/12/21 16:45	10/15/21 18:57	1
Vinyl acetate	ND		8.6	ug/Kg		10/12/21 16:45	10/15/21 18:57	1
Vinyl chloride	ND		4.3	ug/Kg		10/12/21 16:45	10/15/21 18:57	1
m-Xylene & p-Xylene	ND		4.3	ug/Kg		10/12/21 16:45	10/15/21 18:57	1
o-Xylene	ND		4.3	ug/Kg		10/12/21 16:45	10/15/21 18:57	1
Xylenes, Total	ND		4.3	ug/Kg		10/12/21 16:45	10/15/21 18:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		63 - 143	10/12/21 16:45	10/15/21 18:57	1
1,2-Dichloroethane-d4 (Surr)	96		32 - 156	10/12/21 16:45	10/15/21 18:57	1
Toluene-d8 (Surr)	100		63 - 138	10/12/21 16:45	10/15/21 18:57	1
Dibromofluoromethane (Surr)	100		55 - 129	10/12/21 16:45	10/15/21 18:57	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	1.6		0.98	mg/Kg		10/15/21 10:02	10/18/21 22:32	1
Motor Oil Range Organics [C28-C40]	8.3	F1	4.9	mg/Kg		10/15/21 10:02	10/18/21 22:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl (Surr)	57		51 - 111	10/15/21 10:02	10/18/21 22:32	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND	F1	0.48	mg/Kg		10/15/21 13:55	10/18/21 14:55	1
Arsenic	4.9		1.9	mg/Kg		10/15/21 13:55	10/18/21 14:55	1
Barium	120	F1	0.95	mg/Kg		10/15/21 13:55	10/18/21 14:55	1
Beryllium	0.38		0.19	mg/Kg		10/15/21 13:55	10/18/21 14:55	1
Cadmium	ND		0.19	mg/Kg		10/15/21 13:55	10/18/21 14:55	1
Cobalt	15		0.48	mg/Kg		10/15/21 13:55	10/18/21 14:55	1
Chromium	79	F1	0.48	mg/Kg		10/15/21 13:55	10/18/21 14:55	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: 120 E Grand Ave, SSF

Job ID: 320-80224-1

Client Sample ID: HA-120-1-S-0.5

Lab Sample ID: 320-80224-1

Date Collected: 10/11/21 18:30

Matrix: Solid

Date Received: 10/12/21 16:38

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	23		1.4	mg/Kg		10/15/21 13:55	10/18/21 14:55	1
Molybdenum	ND		1.9	mg/Kg		10/15/21 13:55	10/18/21 14:55	1
Nickel	120		0.95	mg/Kg		10/15/21 13:55	10/18/21 14:55	1
Lead	12		0.95	mg/Kg		10/15/21 13:55	10/18/21 14:55	1
Selenium	ND	F1	1.9	mg/Kg		10/15/21 13:55	10/18/21 14:55	1
Antimony	ND	F1	1.9	mg/Kg		10/15/21 13:55	10/18/21 14:55	1
Thallium	ND		1.9	mg/Kg		10/15/21 13:55	10/18/21 14:55	1
Vanadium	45		0.48	mg/Kg		10/15/21 13:55	10/18/21 14:55	1
Zinc	52		1.9	mg/Kg		10/15/21 13:55	10/18/21 14:55	1

Client Sample ID: HA-120-1-S-4

Lab Sample ID: 320-80224-2

Date Collected: 10/11/21 18:40

Matrix: Solid

Date Received: 10/12/21 16:38

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C4-C12	ND		0.53	mg/Kg		10/12/21 16:45	10/15/21 19:19	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 131			10/12/21 16:45	10/15/21 19:19	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		21	ug/Kg		10/12/21 16:45	10/15/21 19:19	1
Benzene	ND		5.3	ug/Kg		10/12/21 16:45	10/15/21 19:19	1
Bromobenzene	ND		5.3	ug/Kg		10/12/21 16:45	10/15/21 19:19	1
Bromochloromethane	ND		5.3	ug/Kg		10/12/21 16:45	10/15/21 19:19	1
Bromodichloromethane	ND		5.3	ug/Kg		10/12/21 16:45	10/15/21 19:19	1
Bromoform	ND		5.3	ug/Kg		10/12/21 16:45	10/15/21 19:19	1
Bromomethane	ND		5.3	ug/Kg		10/12/21 16:45	10/15/21 19:19	1
2-Butanone (MEK)	ND		11	ug/Kg		10/12/21 16:45	10/15/21 19:19	1
n-Butylbenzene	ND		5.3	ug/Kg		10/12/21 16:45	10/15/21 19:19	1
sec-Butylbenzene	ND		5.3	ug/Kg		10/12/21 16:45	10/15/21 19:19	1
tert-Butylbenzene	ND		5.3	ug/Kg		10/12/21 16:45	10/15/21 19:19	1
Carbon disulfide	ND		11	ug/Kg		10/12/21 16:45	10/15/21 19:19	1
Carbon tetrachloride	ND		5.3	ug/Kg		10/12/21 16:45	10/15/21 19:19	1
Chlorobenzene	ND		5.3	ug/Kg		10/12/21 16:45	10/15/21 19:19	1
Chloroethane	ND		5.3	ug/Kg		10/12/21 16:45	10/15/21 19:19	1
Chloroform	ND		5.3	ug/Kg		10/12/21 16:45	10/15/21 19:19	1
Chloromethane	ND		5.3	ug/Kg		10/12/21 16:45	10/15/21 19:19	1
2-Chlorotoluene	ND		5.3	ug/Kg		10/12/21 16:45	10/15/21 19:19	1
4-Chlorotoluene	ND		5.3	ug/Kg		10/12/21 16:45	10/15/21 19:19	1
1,2-Dibromo-3-Chloropropane	ND		11	ug/Kg		10/12/21 16:45	10/15/21 19:19	1
1,2-Dibromoethane (EDB)	ND		11	ug/Kg		10/12/21 16:45	10/15/21 19:19	1
Dibromochloromethane	ND		5.3	ug/Kg		10/12/21 16:45	10/15/21 19:19	1
Dibromomethane	ND		5.3	ug/Kg		10/12/21 16:45	10/15/21 19:19	1
1,2-Dichlorobenzene	ND		5.3	ug/Kg		10/12/21 16:45	10/15/21 19:19	1
1,3-Dichlorobenzene	ND		5.3	ug/Kg		10/12/21 16:45	10/15/21 19:19	1
1,4-Dichlorobenzene	ND		5.3	ug/Kg		10/12/21 16:45	10/15/21 19:19	1
Dichlorodifluoromethane	ND		5.3	ug/Kg		10/12/21 16:45	10/15/21 19:19	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: 120 E Grand Ave, SSF

Job ID: 320-80224-1

Client Sample ID: HA-120-1-S-4

Lab Sample ID: 320-80224-2

Date Collected: 10/11/21 18:40

Matrix: Solid

Date Received: 10/12/21 16:38

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		5.3	ug/Kg		10/12/21 16:45	10/15/21 19:19	1
1,2-Dichloroethane	ND		5.3	ug/Kg		10/12/21 16:45	10/15/21 19:19	1
cis-1,2-Dichloroethene	ND		5.3	ug/Kg		10/12/21 16:45	10/15/21 19:19	1
trans-1,2-Dichloroethene	ND		5.3	ug/Kg		10/12/21 16:45	10/15/21 19:19	1
1,1-Dichloroethene	ND		5.3	ug/Kg		10/12/21 16:45	10/15/21 19:19	1
1,2-Dichloropropane	ND		5.3	ug/Kg		10/12/21 16:45	10/15/21 19:19	1
1,3-Dichloropropane	ND		5.3	ug/Kg		10/12/21 16:45	10/15/21 19:19	1
2,2-Dichloropropane	ND		5.3	ug/Kg		10/12/21 16:45	10/15/21 19:19	1
cis-1,3-Dichloropropene	ND		5.3	ug/Kg		10/12/21 16:45	10/15/21 19:19	1
trans-1,3-Dichloropropene	ND		5.3	ug/Kg		10/12/21 16:45	10/15/21 19:19	1
1,1-Dichloropropene	ND		5.3	ug/Kg		10/12/21 16:45	10/15/21 19:19	1
Ethylbenzene	ND		5.3	ug/Kg		10/12/21 16:45	10/15/21 19:19	1
Hexachlorobutadiene	ND		5.3	ug/Kg		10/12/21 16:45	10/15/21 19:19	1
2-Hexanone	ND		11	ug/Kg		10/12/21 16:45	10/15/21 19:19	1
Isopropylbenzene	ND		5.3	ug/Kg		10/12/21 16:45	10/15/21 19:19	1
p-Isopropyltoluene	ND		5.3	ug/Kg		10/12/21 16:45	10/15/21 19:19	1
4-Methyl-2-pentanone (MIBK)	ND		11	ug/Kg		10/12/21 16:45	10/15/21 19:19	1
Methyl tert-butyl ether	ND		11	ug/Kg		10/12/21 16:45	10/15/21 19:19	1
Methylene Chloride	ND		11	ug/Kg		10/12/21 16:45	10/15/21 19:19	1
Naphthalene	ND		5.3	ug/Kg		10/12/21 16:45	10/15/21 19:19	1
N-Propylbenzene	ND		5.3	ug/Kg		10/12/21 16:45	10/15/21 19:19	1
Styrene	ND		5.3	ug/Kg		10/12/21 16:45	10/15/21 19:19	1
1,1,1,2-Tetrachloroethane	ND		5.3	ug/Kg		10/12/21 16:45	10/15/21 19:19	1
1,1,2,2-Tetrachloroethane	ND		5.3	ug/Kg		10/12/21 16:45	10/15/21 19:19	1
Tetrachloroethene	ND		5.3	ug/Kg		10/12/21 16:45	10/15/21 19:19	1
Toluene	ND		5.3	ug/Kg		10/12/21 16:45	10/15/21 19:19	1
1,2,3-Trichlorobenzene	ND		5.3	ug/Kg		10/12/21 16:45	10/15/21 19:19	1
1,2,4-Trichlorobenzene	ND		5.3	ug/Kg		10/12/21 16:45	10/15/21 19:19	1
1,1,1-Trichloroethane	ND		5.3	ug/Kg		10/12/21 16:45	10/15/21 19:19	1
1,1,2-Trichloroethane	ND		5.3	ug/Kg		10/12/21 16:45	10/15/21 19:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		11	ug/Kg		10/12/21 16:45	10/15/21 19:19	1
Trichloroethene	ND		5.3	ug/Kg		10/12/21 16:45	10/15/21 19:19	1
Trichlorofluoromethane	ND		5.3	ug/Kg		10/12/21 16:45	10/15/21 19:19	1
1,2,3-Trichloropropane	ND		5.3	ug/Kg		10/12/21 16:45	10/15/21 19:19	1
1,2,4-Trimethylbenzene	ND		5.3	ug/Kg		10/12/21 16:45	10/15/21 19:19	1
1,3,5-Trimethylbenzene	ND		5.3	ug/Kg		10/12/21 16:45	10/15/21 19:19	1
Vinyl acetate	ND		11	ug/Kg		10/12/21 16:45	10/15/21 19:19	1
Vinyl chloride	ND		5.3	ug/Kg		10/12/21 16:45	10/15/21 19:19	1
m-Xylene & p-Xylene	ND		5.3	ug/Kg		10/12/21 16:45	10/15/21 19:19	1
o-Xylene	ND		5.3	ug/Kg		10/12/21 16:45	10/15/21 19:19	1
Xylenes, Total	ND		5.3	ug/Kg		10/12/21 16:45	10/15/21 19:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		63 - 143	10/12/21 16:45	10/15/21 19:19	1
1,2-Dichloroethane-d4 (Surr)	94		32 - 156	10/12/21 16:45	10/15/21 19:19	1
Toluene-d8 (Surr)	101		63 - 138	10/12/21 16:45	10/15/21 19:19	1
Dibromofluoromethane (Surr)	95		55 - 129	10/12/21 16:45	10/15/21 19:19	1

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: 120 E Grand Ave, SSF

Job ID: 320-80224-1

Client Sample ID: HA-120-1-S-4

Lab Sample ID: 320-80224-2

Date Collected: 10/11/21 18:40

Matrix: Solid

Date Received: 10/12/21 16:38

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	1.3		0.97	mg/Kg		10/15/21 10:02	10/18/21 23:44	1
Motor Oil Range Organics [C28-C40]	5.2		4.9	mg/Kg		10/15/21 10:02	10/18/21 23:44	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
o-Terphenyl (Surr)	80		51 - 111			10/15/21 10:02	10/18/21 23:44	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.48	mg/Kg		10/15/21 13:55	10/18/21 15:16	1
Arsenic	5.5		1.9	mg/Kg		10/15/21 13:55	10/18/21 15:16	1
Barium	160		0.96	mg/Kg		10/15/21 13:55	10/18/21 15:16	1
Beryllium	0.30		0.19	mg/Kg		10/15/21 13:55	10/18/21 15:16	1
Cadmium	ND		0.19	mg/Kg		10/15/21 13:55	10/18/21 15:16	1
Cobalt	16		0.48	mg/Kg		10/15/21 13:55	10/18/21 15:16	1
Chromium	69		0.48	mg/Kg		10/15/21 13:55	10/18/21 15:16	1
Copper	27		1.4	mg/Kg		10/15/21 13:55	10/18/21 15:16	1
Molybdenum	ND		1.9	mg/Kg		10/15/21 13:55	10/18/21 15:16	1
Nickel	90		0.96	mg/Kg		10/15/21 13:55	10/18/21 15:16	1
Lead	14		0.96	mg/Kg		10/15/21 13:55	10/18/21 15:16	1
Selenium	ND		1.9	mg/Kg		10/15/21 13:55	10/18/21 15:16	1
Antimony	ND		1.9	mg/Kg		10/15/21 13:55	10/18/21 15:16	1
Thallium	ND		1.9	mg/Kg		10/15/21 13:55	10/18/21 15:16	1
Vanadium	51		0.48	mg/Kg		10/15/21 13:55	10/18/21 15:16	1
Zinc	57		1.9	mg/Kg		10/15/21 13:55	10/18/21 15:16	1

Surrogate Summary

Client: Haley & Aldrich, Inc.
Project/Site: 120 E Grand Ave, SSF

Job ID: 320-80224-1

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 (63-143)	DCA (32-156)	TOL (63-138)	DBFM (55-129)
320-80224-1	HA-120-1-S-0.5	99	96	100	100
320-80224-2	HA-120-1-S-4	100	94	101	95
LCS 320-534221/7	Lab Control Sample	98	95	103	99
LCSD 320-534221/8	Lab Control Sample Dup	101	89	101	94
MB 320-534221/10	Method Blank	99	89	96	97

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

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

TOL = Toluene-d8 (Surr)

DBFM = Dibromofluoromethane (Surr)

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		BFB (70-131)			
320-80224-1	HA-120-1-S-0.5	99			
320-80224-2	HA-120-1-S-4	100			
LCS 320-534220/5	Lab Control Sample	102			
LCSD 320-534220/6	Lab Control Sample Dup	99			
MB 320-534220/10	Method Blank	99			

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		OTPH1 (51-111)			
320-80224-1	HA-120-1-S-0.5	57			
320-80224-1 MS	HA-120-1-S-0.5	74			
320-80224-1 MSD	HA-120-1-S-0.5	75			
320-80224-2	HA-120-1-S-4	80			
LCS 320-534264/2-A	Lab Control Sample	81			
MB 320-534264/1-A	Method Blank	75			

Surrogate Legend

OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: 120 E Grand Ave, SSF

Job ID: 320-80224-1

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

Lab Sample ID: MB 320-534221/10

Matrix: Solid

Analysis Batch: 534221

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		20	ug/Kg			10/15/21 13:09	1
Benzene	ND		5.0	ug/Kg			10/15/21 13:09	1
Bromobenzene	ND		5.0	ug/Kg			10/15/21 13:09	1
Bromochloromethane	ND		5.0	ug/Kg			10/15/21 13:09	1
Bromodichloromethane	ND		5.0	ug/Kg			10/15/21 13:09	1
Bromoform	ND		5.0	ug/Kg			10/15/21 13:09	1
Bromomethane	ND		5.0	ug/Kg			10/15/21 13:09	1
2-Butanone (MEK)	ND		10	ug/Kg			10/15/21 13:09	1
n-Butylbenzene	ND		5.0	ug/Kg			10/15/21 13:09	1
sec-Butylbenzene	ND		5.0	ug/Kg			10/15/21 13:09	1
tert-Butylbenzene	ND		5.0	ug/Kg			10/15/21 13:09	1
Carbon disulfide	ND		10	ug/Kg			10/15/21 13:09	1
Carbon tetrachloride	ND		5.0	ug/Kg			10/15/21 13:09	1
Chlorobenzene	ND		5.0	ug/Kg			10/15/21 13:09	1
Chloroethane	ND		5.0	ug/Kg			10/15/21 13:09	1
Chloroform	ND		5.0	ug/Kg			10/15/21 13:09	1
Chloromethane	ND		5.0	ug/Kg			10/15/21 13:09	1
2-Chlorotoluene	ND		5.0	ug/Kg			10/15/21 13:09	1
4-Chlorotoluene	ND		5.0	ug/Kg			10/15/21 13:09	1
1,2-Dibromo-3-Chloropropane	ND		10	ug/Kg			10/15/21 13:09	1
1,2-Dibromoethane (EDB)	ND		10	ug/Kg			10/15/21 13:09	1
Dibromochloromethane	ND		5.0	ug/Kg			10/15/21 13:09	1
Dibromomethane	ND		5.0	ug/Kg			10/15/21 13:09	1
1,2-Dichlorobenzene	ND		5.0	ug/Kg			10/15/21 13:09	1
1,3-Dichlorobenzene	ND		5.0	ug/Kg			10/15/21 13:09	1
1,4-Dichlorobenzene	ND		5.0	ug/Kg			10/15/21 13:09	1
Dichlorodifluoromethane	ND		5.0	ug/Kg			10/15/21 13:09	1
1,1-Dichloroethane	ND		5.0	ug/Kg			10/15/21 13:09	1
1,2-Dichloroethane	ND		5.0	ug/Kg			10/15/21 13:09	1
cis-1,2-Dichloroethene	ND		5.0	ug/Kg			10/15/21 13:09	1
trans-1,2-Dichloroethene	ND		5.0	ug/Kg			10/15/21 13:09	1
1,1-Dichloroethene	ND		5.0	ug/Kg			10/15/21 13:09	1
1,2-Dichloropropane	ND		5.0	ug/Kg			10/15/21 13:09	1
1,3-Dichloropropane	ND		5.0	ug/Kg			10/15/21 13:09	1
2,2-Dichloropropane	ND		5.0	ug/Kg			10/15/21 13:09	1
cis-1,3-Dichloropropene	ND		5.0	ug/Kg			10/15/21 13:09	1
trans-1,3-Dichloropropene	ND		5.0	ug/Kg			10/15/21 13:09	1
1,1-Dichloropropene	ND		5.0	ug/Kg			10/15/21 13:09	1
Ethylbenzene	ND		5.0	ug/Kg			10/15/21 13:09	1
Hexachlorobutadiene	ND		5.0	ug/Kg			10/15/21 13:09	1
2-Hexanone	ND		10	ug/Kg			10/15/21 13:09	1
Isopropylbenzene	ND		5.0	ug/Kg			10/15/21 13:09	1
p-Isopropyltoluene	ND		5.0	ug/Kg			10/15/21 13:09	1
4-Methyl-2-pentanone (MIBK)	ND		10	ug/Kg			10/15/21 13:09	1
Methyl tert-butyl ether	ND		10	ug/Kg			10/15/21 13:09	1
Methylene Chloride	ND		10	ug/Kg			10/15/21 13:09	1
Naphthalene	ND		5.0	ug/Kg			10/15/21 13:09	1
N-Propylbenzene	ND		5.0	ug/Kg			10/15/21 13:09	1

Eurofins TestAmerica, Sacramento

QC Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: 120 E Grand Ave, SSF

Job ID: 320-80224-1

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

Lab Sample ID: MB 320-534221/10

Matrix: Solid

Analysis Batch: 534221

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		5.0	ug/Kg			10/15/21 13:09	1
1,1,1,2-Tetrachloroethane	ND		5.0	ug/Kg			10/15/21 13:09	1
1,1,1,2,2-Tetrachloroethane	ND		5.0	ug/Kg			10/15/21 13:09	1
Tetrachloroethene	ND		5.0	ug/Kg			10/15/21 13:09	1
Toluene	ND		5.0	ug/Kg			10/15/21 13:09	1
1,2,3-Trichlorobenzene	ND		5.0	ug/Kg			10/15/21 13:09	1
1,2,4-Trichlorobenzene	ND		5.0	ug/Kg			10/15/21 13:09	1
1,1,1-Trichloroethane	ND		5.0	ug/Kg			10/15/21 13:09	1
1,1,2-Trichloroethane	ND		5.0	ug/Kg			10/15/21 13:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	ug/Kg			10/15/21 13:09	1
Trichloroethene	ND		5.0	ug/Kg			10/15/21 13:09	1
Trichlorofluoromethane	ND		5.0	ug/Kg			10/15/21 13:09	1
1,2,3-Trichloropropane	ND		5.0	ug/Kg			10/15/21 13:09	1
1,2,4-Trimethylbenzene	ND		5.0	ug/Kg			10/15/21 13:09	1
1,3,5-Trimethylbenzene	ND		5.0	ug/Kg			10/15/21 13:09	1
Vinyl acetate	ND		10	ug/Kg			10/15/21 13:09	1
Vinyl chloride	ND		5.0	ug/Kg			10/15/21 13:09	1
m-Xylene & p-Xylene	ND		5.0	ug/Kg			10/15/21 13:09	1
o-Xylene	ND		5.0	ug/Kg			10/15/21 13:09	1
Xylenes, Total	ND		5.0	ug/Kg			10/15/21 13:09	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		63 - 143		10/15/21 13:09	1
1,2-Dichloroethane-d4 (Surr)	89		32 - 156		10/15/21 13:09	1
Toluene-d8 (Surr)	96		63 - 138		10/15/21 13:09	1
Dibromofluoromethane (Surr)	97		55 - 129		10/15/21 13:09	1

Lab Sample ID: LCS 320-534221/7

Matrix: Solid

Analysis Batch: 534221

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	50.0	61.0		ug/Kg		122	64 - 128
Benzene	50.0	52.6		ug/Kg		105	78 - 128
Bromobenzene	50.0	52.6		ug/Kg		105	67 - 132
Bromochloromethane	50.0	54.3		ug/Kg		109	80 - 127
Bromodichloromethane	50.0	54.7		ug/Kg		109	80 - 137
Bromoform	50.0	56.5		ug/Kg		113	80 - 136
Bromomethane	50.0	65.5		ug/Kg		131	48 - 164
2-Butanone (MEK)	50.0	53.1		ug/Kg		106	71 - 142
n-Butylbenzene	50.0	52.9		ug/Kg		106	68 - 136
sec-Butylbenzene	50.0	53.0		ug/Kg		106	68 - 131
tert-Butylbenzene	50.0	53.2		ug/Kg		106	67 - 131
Carbon disulfide	50.0	51.0		ug/Kg		102	52 - 145
Carbon tetrachloride	50.0	55.4		ug/Kg		111	62 - 154
Chlorobenzene	50.0	51.2		ug/Kg		102	74 - 125
Chloroethane	50.0	53.4		ug/Kg		107	54 - 148
Chloroform	50.0	53.0		ug/Kg		106	78 - 135

Eurofins TestAmerica, Sacramento

QC Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: 120 E Grand Ave, SSF

Job ID: 320-80224-1

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

Lab Sample ID: LCS 320-534221/7

Matrix: Solid

Analysis Batch: 534221

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	41.0		ug/Kg		82	60 - 141
2-Chlorotoluene	50.0	51.0		ug/Kg		102	64 - 127
4-Chlorotoluene	50.0	51.4		ug/Kg		103	67 - 128
1,2-Dibromo-3-Chloropropane	50.0	55.2		ug/Kg		110	75 - 137
1,2-Dibromoethane (EDB)	50.0	54.7		ug/Kg		109	80 - 124
Dibromochloromethane	50.0	55.3		ug/Kg		111	80 - 133
Dibromomethane	50.0	54.3		ug/Kg		109	80 - 129
1,2-Dichlorobenzene	50.0	52.9		ug/Kg		106	68 - 121
1,3-Dichlorobenzene	50.0	53.0		ug/Kg		106	64 - 126
1,4-Dichlorobenzene	50.0	52.5		ug/Kg		105	65 - 124
Dichlorodifluoromethane	50.0	41.2		ug/Kg		82	60 - 130
1,1-Dichloroethane	50.0	51.6		ug/Kg		103	76 - 134
1,2-Dichloroethane	50.0	53.2		ug/Kg		106	66 - 150
cis-1,2-Dichloroethene	50.0	54.4		ug/Kg		109	74 - 131
trans-1,2-Dichloroethene	50.0	53.2		ug/Kg		106	67 - 135
1,1-Dichloroethene	50.0	52.3		ug/Kg		105	66 - 136
1,2-Dichloropropane	50.0	51.4		ug/Kg		103	80 - 129
1,3-Dichloropropane	50.0	51.7		ug/Kg		103	80 - 123
2,2-Dichloropropane	50.0	54.4		ug/Kg		109	69 - 153
cis-1,3-Dichloropropene	50.0	52.5		ug/Kg		105	80 - 134
trans-1,3-Dichloropropene	50.0	54.1		ug/Kg		108	80 - 148
1,1-Dichloropropene	50.0	52.1		ug/Kg		104	76 - 132
Ethylbenzene	50.0	50.7		ug/Kg		101	72 - 125
Hexachlorobutadiene	50.0	55.2		ug/Kg		110	52 - 140
2-Hexanone	50.0	54.4		ug/Kg		109	78 - 143
Isopropylbenzene	50.0	51.6		ug/Kg		103	69 - 137
p-Isopropyltoluene	50.0	52.9		ug/Kg		106	64 - 137
4-Methyl-2-pentanone (MIBK)	50.0	52.3		ug/Kg		105	79 - 150
Methyl tert-butyl ether	50.0	61.3		ug/Kg		123	66 - 146
Methylene Chloride	50.0	53.8		ug/Kg		108	77 - 125
Naphthalene	50.0	55.7		ug/Kg		111	53 - 140
N-Propylbenzene	50.0	51.5		ug/Kg		103	63 - 128
Styrene	50.0	52.5		ug/Kg		105	79 - 128
1,1,1,2-Tetrachloroethane	50.0	53.8		ug/Kg		108	77 - 134
1,1,2,2-Tetrachloroethane	50.0	54.9		ug/Kg		110	71 - 134
Tetrachloroethene	50.0	54.1		ug/Kg		108	65 - 135
Toluene	50.0	53.3		ug/Kg		107	80 - 124
1,2,3-Trichlorobenzene	50.0	54.6		ug/Kg		109	54 - 140
1,2,4-Trichlorobenzene	50.0	55.5		ug/Kg		111	48 - 145
1,1,1-Trichloroethane	50.0	54.0		ug/Kg		108	67 - 150
1,1,2-Trichloroethane	50.0	54.6		ug/Kg		109	80 - 128
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	53.3		ug/Kg		107	62 - 138
Trichloroethene	50.0	53.4		ug/Kg		107	80 - 126
Trichlorofluoromethane	50.0	53.8		ug/Kg		108	43 - 158
1,2,3-Trichloropropane	50.0	54.1		ug/Kg		108	71 - 132
1,2,4-Trimethylbenzene	50.0	52.4		ug/Kg		105	64 - 137
1,3,5-Trimethylbenzene	50.0	52.2		ug/Kg		104	66 - 135
Vinyl acetate	50.0	53.0		ug/Kg		106	39 - 160

Eurofins TestAmerica, Sacramento

QC Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: 120 E Grand Ave, SSF

Job ID: 320-80224-1

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

Lab Sample ID: LCS 320-534221/7

Matrix: Solid

Analysis Batch: 534221

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Vinyl chloride	50.0	45.9		ug/Kg		92	67 - 127
m-Xylene & p-Xylene	50.0	51.1		ug/Kg		102	73 - 128
o-Xylene	50.0	51.1		ug/Kg		102	76 - 127
Xylenes, Total	100	102		ug/Kg		102	75 - 122

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		63 - 143
1,2-Dichloroethane-d4 (Surr)	95		32 - 156
Toluene-d8 (Surr)	103		63 - 138
Dibromofluoromethane (Surr)	99		55 - 129

Lab Sample ID: LCSD 320-534221/8

Matrix: Solid

Analysis Batch: 534221

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
Acetone	50.0	55.9		ug/Kg		112	64 - 128	9	36
Benzene	50.0	47.2		ug/Kg		94	78 - 128	11	37
Bromobenzene	50.0	48.8		ug/Kg		98	67 - 132	7	40
Bromochloromethane	50.0	48.3		ug/Kg		97	80 - 127	12	36
Bromodichloromethane	50.0	49.3		ug/Kg		99	80 - 137	10	37
Bromoform	50.0	52.4		ug/Kg		105	80 - 136	8	45
Bromomethane	50.0	56.8		ug/Kg		114	48 - 164	14	38
2-Butanone (MEK)	50.0	50.3		ug/Kg		101	71 - 142	5	44
n-Butylbenzene	50.0	47.5		ug/Kg		95	68 - 136	11	37
sec-Butylbenzene	50.0	48.0		ug/Kg		96	68 - 131	10	40
tert-Butylbenzene	50.0	47.4		ug/Kg		95	67 - 131	12	42
Carbon disulfide	50.0	46.1		ug/Kg		92	52 - 145	10	46
Carbon tetrachloride	50.0	50.8		ug/Kg		102	62 - 154	9	43
Chlorobenzene	50.0	48.3		ug/Kg		97	74 - 125	6	38
Chloroethane	50.0	48.8		ug/Kg		98	54 - 148	9	34
Chloroform	50.0	47.6		ug/Kg		95	78 - 135	11	23
Chloromethane	50.0	36.9		ug/Kg		74	60 - 141	10	36
2-Chlorotoluene	50.0	46.7		ug/Kg		93	64 - 127	9	41
4-Chlorotoluene	50.0	47.5		ug/Kg		95	67 - 128	8	40
1,2-Dibromo-3-Chloropropane	50.0	49.1		ug/Kg		98	75 - 137	12	48
1,2-Dibromoethane (EDB)	50.0	50.3		ug/Kg		101	80 - 124	8	39
Dibromochloromethane	50.0	50.8		ug/Kg		102	80 - 133	9	24
Dibromomethane	50.0	48.8		ug/Kg		98	80 - 129	11	37
1,2-Dichlorobenzene	50.0	48.5		ug/Kg		97	68 - 121	9	28
1,3-Dichlorobenzene	50.0	48.7		ug/Kg		97	64 - 126	8	41
1,4-Dichlorobenzene	50.0	48.7		ug/Kg		97	65 - 124	8	38
Dichlorodifluoromethane	50.0	36.2		ug/Kg		72	60 - 130	13	46
1,1-Dichloroethane	50.0	46.1		ug/Kg		92	76 - 134	11	24
1,2-Dichloroethane	50.0	48.4		ug/Kg		97	66 - 150	9	36
cis-1,2-Dichloroethene	50.0	47.4		ug/Kg		95	74 - 131	14	37
trans-1,2-Dichloroethene	50.0	47.8		ug/Kg		96	67 - 135	11	37
1,1-Dichloroethene	50.0	47.2		ug/Kg		94	66 - 136	10	42

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QC Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: 120 E Grand Ave, SSF

Job ID: 320-80224-1

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

Lab Sample ID: LCSD 320-534221/8

Matrix: Solid

Analysis Batch: 534221

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2-Dichloropropane	50.0	46.1		ug/Kg		92	80 - 129	11	38
1,3-Dichloropropane	50.0	48.4		ug/Kg		97	80 - 123	7	39
2,2-Dichloropropane	50.0	46.4		ug/Kg		93	69 - 153	16	47
cis-1,3-Dichloropropene	50.0	47.8		ug/Kg		96	80 - 134	9	39
trans-1,3-Dichloropropene	50.0	50.4		ug/Kg		101	80 - 148	7	42
1,1-Dichloropropene	50.0	47.2		ug/Kg		94	76 - 132	10	38
Ethylbenzene	50.0	48.1		ug/Kg		96	72 - 125	5	41
Hexachlorobutadiene	50.0	49.1		ug/Kg		98	52 - 140	12	38
2-Hexanone	50.0	53.5		ug/Kg		107	78 - 143	2	73
Isopropylbenzene	50.0	48.2		ug/Kg		96	69 - 137	7	41
p-Isopropyltoluene	50.0	47.9		ug/Kg		96	64 - 137	10	40
4-Methyl-2-pentanone (MIBK)	50.0	49.1		ug/Kg		98	79 - 150	6	48
Methyl tert-butyl ether	50.0	53.4		ug/Kg		107	66 - 146	14	45
Methylene Chloride	50.0	47.7		ug/Kg		95	77 - 125	12	25
Naphthalene	50.0	48.3		ug/Kg		97	53 - 140	14	46
N-Propylbenzene	50.0	47.8		ug/Kg		96	63 - 128	7	42
Styrene	50.0	49.6		ug/Kg		99	79 - 128	6	40
1,1,1,2-Tetrachloroethane	50.0	49.4		ug/Kg		99	77 - 134	9	25
1,1,2,2-Tetrachloroethane	50.0	47.4		ug/Kg		95	71 - 134	15	31
Tetrachloroethene	50.0	50.6		ug/Kg		101	65 - 135	7	39
Toluene	50.0	48.7		ug/Kg		97	80 - 124	9	39
1,2,3-Trichlorobenzene	50.0	48.4		ug/Kg		97	54 - 140	12	42
1,2,4-Trichlorobenzene	50.0	48.3		ug/Kg		97	48 - 145	14	39
1,1,1-Trichloroethane	50.0	48.6		ug/Kg		97	67 - 150	11	43
1,1,2-Trichloroethane	50.0	48.6		ug/Kg		97	80 - 128	12	41
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	48.1		ug/Kg		96	62 - 138	10	22
Trichloroethene	50.0	48.3		ug/Kg		97	80 - 126	10	40
Trichlorofluoromethane	50.0	47.9		ug/Kg		96	43 - 158	12	32
1,2,3-Trichloropropane	50.0	48.9		ug/Kg		98	71 - 132	10	41
1,2,4-Trimethylbenzene	50.0	47.8		ug/Kg		96	64 - 137	9	41
1,3,5-Trimethylbenzene	50.0	47.3		ug/Kg		95	66 - 135	10	42
Vinyl acetate	50.0	47.2		ug/Kg		94	39 - 160	11	50
Vinyl chloride	50.0	40.9		ug/Kg		82	67 - 127	12	37
m-Xylene & p-Xylene	50.0	47.6		ug/Kg		95	73 - 128	7	40
o-Xylene	50.0	47.5		ug/Kg		95	76 - 127	7	40
Xylenes, Total	100	95.1		ug/Kg		95	75 - 122	7	15

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		63 - 143
1,2-Dichloroethane-d4 (Surr)	89		32 - 156
Toluene-d8 (Surr)	101		63 - 138
Dibromofluoromethane (Surr)	94		55 - 129

Eurofins TestAmerica, Sacramento

QC Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: 120 E Grand Ave, SSF

Job ID: 320-80224-1

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 320-534220/10

Matrix: Solid

Analysis Batch: 534220

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C4-C12	ND		0.50	mg/Kg			10/15/21 13:09	1
Surrogate	%Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 131				10/15/21 13:09	1

Lab Sample ID: LCS 320-534220/5

Matrix: Solid

Analysis Batch: 534220

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)-C4-C12	1.00	0.961		mg/Kg		96	79 - 123
Surrogate	%Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	102		70 - 131				

Lab Sample ID: LCSD 320-534220/6

Matrix: Solid

Analysis Batch: 534220

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
Gasoline Range Organics (GRO)-C4-C12	1.00	0.935		mg/Kg		94	79 - 123	3	30
Surrogate	%Recovery	LCSD Qualifier	Limits						
4-Bromofluorobenzene (Surr)	99		70 - 131						

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

Lab Sample ID: MB 320-534264/1-A

Matrix: Solid

Analysis Batch: 535060

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 534264

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		1.0	mg/Kg		10/15/21 10:02	10/18/21 21:44	1
Motor Oil Range Organics [C28-C40]	ND		5.0	mg/Kg		10/15/21 10:02	10/18/21 21:44	1
Surrogate	%Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
o-Terphenyl (Surr)	75		51 - 111			10/15/21 10:02	10/18/21 21:44	1

Lab Sample ID: LCS 320-534264/2-A

Matrix: Solid

Analysis Batch: 535060

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 534264

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics [C10-C28]	10.0	9.56		mg/Kg		96	57 - 132

Eurofins TestAmerica, Sacramento

QC Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: 120 E Grand Ave, SSF

Job ID: 320-80224-1

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

Lab Sample ID: LCS 320-534264/2-A

Matrix: Solid

Analysis Batch: 535060

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 534264

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
o-Terphenyl (Surr)	81		51 - 111

Lab Sample ID: 320-80224-1 MS

Matrix: Solid

Analysis Batch: 535060

Client Sample ID: HA-120-1-S-0.5

Prep Type: Total/NA

Prep Batch: 534264

	Sample	Sample	Spike	MS	MS					
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Diesel Range Organics [C10-C28]	1.6		9.92	12.7		mg/Kg		112	57 - 132	

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
o-Terphenyl (Surr)	74		51 - 111

Lab Sample ID: 320-80224-1 MSD

Matrix: Solid

Analysis Batch: 535060

Client Sample ID: HA-120-1-S-0.5

Prep Type: Total/NA

Prep Batch: 534264

	Sample	Sample	Spike	MSD	MSD						
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Diesel Range Organics [C10-C28]	1.6		9.77	10.8		mg/Kg		95	57 - 132	16	30

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
o-Terphenyl (Surr)	75		51 - 111

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 320-534327/1-A

Matrix: Solid

Analysis Batch: 535211

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 534327

	MB	MB							
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Silver	ND		0.50	mg/Kg		10/15/21 13:55	10/18/21 14:46	1	
Arsenic	ND		2.0	mg/Kg		10/15/21 13:55	10/18/21 14:46	1	
Barium	ND		1.0	mg/Kg		10/15/21 13:55	10/18/21 14:46	1	
Beryllium	ND		0.20	mg/Kg		10/15/21 13:55	10/18/21 14:46	1	
Cadmium	ND		0.20	mg/Kg		10/15/21 13:55	10/18/21 14:46	1	
Cobalt	ND		0.50	mg/Kg		10/15/21 13:55	10/18/21 14:46	1	
Chromium	ND		0.50	mg/Kg		10/15/21 13:55	10/18/21 14:46	1	
Copper	ND		1.5	mg/Kg		10/15/21 13:55	10/18/21 14:46	1	
Molybdenum	ND		2.0	mg/Kg		10/15/21 13:55	10/18/21 14:46	1	
Nickel	ND		1.0	mg/Kg		10/15/21 13:55	10/18/21 14:46	1	
Lead	ND		1.0	mg/Kg		10/15/21 13:55	10/18/21 14:46	1	
Selenium	ND		2.0	mg/Kg		10/15/21 13:55	10/18/21 14:46	1	
Antimony	ND		2.0	mg/Kg		10/15/21 13:55	10/18/21 14:46	1	
Thallium	ND		2.0	mg/Kg		10/15/21 13:55	10/18/21 14:46	1	
Vanadium	ND		0.50	mg/Kg		10/15/21 13:55	10/18/21 14:46	1	
Zinc	ND		2.0	mg/Kg		10/15/21 13:55	10/18/21 14:46	1	

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QC Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: 120 E Grand Ave, SSF

Job ID: 320-80224-1

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

Lab Sample ID: LCS 320-534327/2-A
Matrix: Solid
Analysis Batch: 535211

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 534327

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Silver	5.05	4.20		mg/Kg		83	80 - 120
Arsenic	50.0	42.1		mg/Kg		84	80 - 120
Barium	50.0	44.2		mg/Kg		88	80 - 120
Beryllium	25.0	22.7		mg/Kg		91	80 - 120
Cadmium	25.0	22.0		mg/Kg		88	80 - 120
Cobalt	25.0	22.6		mg/Kg		90	80 - 120
Chromium	25.0	22.1		mg/Kg		88	80 - 120
Copper	25.0	21.7		mg/Kg		87	80 - 120
Molybdenum	25.0	22.2		mg/Kg		89	80 - 120
Nickel	25.0	22.0		mg/Kg		88	80 - 120
Lead	25.0	22.3		mg/Kg		89	80 - 120
Selenium	50.0	41.4		mg/Kg		83	80 - 120
Antimony	50.0	45.0		mg/Kg		90	80 - 120
Thallium	50.0	45.3		mg/Kg		91	80 - 120
Vanadium	25.0	21.9		mg/Kg		88	80 - 120
Zinc	49.9	44.5		mg/Kg		89	80 - 120

Lab Sample ID: 320-80224-1 MS
Matrix: Solid
Analysis Batch: 535211

Client Sample ID: HA-120-1-S-0.5
Prep Type: Total/NA
Prep Batch: 534327

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Silver	ND	F1	4.95	3.71	F1	mg/Kg		75	80 - 120
Arsenic	4.9		49.0	45.4		mg/Kg		83	80 - 120
Barium	120	F1	49.0	176		mg/Kg		116	80 - 120
Beryllium	0.38		24.5	22.2		mg/Kg		89	80 - 120
Cadmium	ND		24.5	20.8		mg/Kg		85	80 - 120
Cobalt	15		24.5	35.1		mg/Kg		84	80 - 120
Chromium	79	F1	24.5	138	F1	mg/Kg		237	80 - 120
Copper	23		24.5	44.4		mg/Kg		88	80 - 120
Molybdenum	ND		24.5	20.3		mg/Kg		83	80 - 120
Nickel	120		24.5	127	4	mg/Kg		35	80 - 120
Lead	12		24.5	32.3		mg/Kg		83	80 - 120
Selenium	ND	F1	49.0	39.0	F1	mg/Kg		79	80 - 120
Antimony	ND	F1	49.0	16.5	F1	mg/Kg		34	80 - 120
Thallium	ND		49.0	40.1		mg/Kg		82	80 - 120
Vanadium	45		24.5	67.4		mg/Kg		93	80 - 120
Zinc	52		48.9	98.5		mg/Kg		95	80 - 120

Lab Sample ID: 320-80224-1 MSD
Matrix: Solid
Analysis Batch: 535211

Client Sample ID: HA-120-1-S-0.5
Prep Type: Total/NA
Prep Batch: 534327

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Silver	ND	F1	5.00	3.80	F1	mg/Kg		76	80 - 120	2	35
Arsenic	4.9		49.5	45.1		mg/Kg		81	80 - 120	1	35
Barium	120	F1	49.5	193	F1	mg/Kg		151	80 - 120	10	35
Beryllium	0.38		24.8	22.5		mg/Kg		89	80 - 120	1	35
Cadmium	ND		24.8	21.0		mg/Kg		85	80 - 120	1	35

Eurofins TestAmerica, Sacramento

QC Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: 120 E Grand Ave, SSF

Job ID: 320-80224-1

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

Lab Sample ID: 320-80224-1 MSD

Matrix: Solid

Analysis Batch: 535211

Client Sample ID: HA-120-1-S-0.5

Prep Type: Total/NA

Prep Batch: 534327

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cobalt	15		24.8	36.0		mg/Kg		87	80 - 120	2	35
Chromium	79	F1	24.8	110	F1	mg/Kg		125	80 - 120	22	35
Copper	23		24.7	44.2		mg/Kg		86	80 - 120	1	35
Molybdenum	ND		24.8	20.4		mg/Kg		83	80 - 120	0	35
Nickel	120		24.8	125	4	mg/Kg		27	80 - 120	1	35
Lead	12		24.8	33.5		mg/Kg		87	80 - 120	4	35
Selenium	ND	F1	49.5	39.5		mg/Kg		80	80 - 120	1	35
Antimony	ND	F1	49.5	16.2	F1	mg/Kg		33	80 - 120	2	35
Thallium	ND		49.5	40.3		mg/Kg		81	80 - 120	0	35
Vanadium	45		24.8	68.6		mg/Kg		97	80 - 120	2	35
Zinc	52		49.4	94.3		mg/Kg		85	80 - 120	4	35

QC Association Summary

Client: Haley & Aldrich, Inc.
Project/Site: 120 E Grand Ave, SSF

Job ID: 320-80224-1

GC/MS VOA

Prep Batch: 533912

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-80224-1	HA-120-1-S-0.5	Total/NA	Solid	5035	
320-80224-2	HA-120-1-S-4	Total/NA	Solid	5035	

Analysis Batch: 534220

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-80224-1	HA-120-1-S-0.5	Total/NA	Solid	8260B/CA_LUFT MS	533912
320-80224-2	HA-120-1-S-4	Total/NA	Solid	8260B/CA_LUFT MS	533912
MB 320-534220/10	Method Blank	Total/NA	Solid	8260B/CA_LUFT MS	
LCS 320-534220/5	Lab Control Sample	Total/NA	Solid	8260B/CA_LUFT MS	
LCSD 320-534220/6	Lab Control Sample Dup	Total/NA	Solid	8260B/CA_LUFT MS	

Analysis Batch: 534221

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-80224-1	HA-120-1-S-0.5	Total/NA	Solid	8260B	533912
320-80224-2	HA-120-1-S-4	Total/NA	Solid	8260B	533912
MB 320-534221/10	Method Blank	Total/NA	Solid	8260B	
LCS 320-534221/7	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 320-534221/8	Lab Control Sample Dup	Total/NA	Solid	8260B	

GC Semi VOA

Prep Batch: 534264

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-80224-1	HA-120-1-S-0.5	Total/NA	Solid	3550B	
320-80224-2	HA-120-1-S-4	Total/NA	Solid	3550B	
MB 320-534264/1-A	Method Blank	Total/NA	Solid	3550B	
LCS 320-534264/2-A	Lab Control Sample	Total/NA	Solid	3550B	
320-80224-1 MS	HA-120-1-S-0.5	Total/NA	Solid	3550B	
320-80224-1 MSD	HA-120-1-S-0.5	Total/NA	Solid	3550B	

Analysis Batch: 535060

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-80224-1	HA-120-1-S-0.5	Total/NA	Solid	8015B	534264
320-80224-2	HA-120-1-S-4	Total/NA	Solid	8015B	534264
MB 320-534264/1-A	Method Blank	Total/NA	Solid	8015B	534264
LCS 320-534264/2-A	Lab Control Sample	Total/NA	Solid	8015B	534264
320-80224-1 MS	HA-120-1-S-0.5	Total/NA	Solid	8015B	534264
320-80224-1 MSD	HA-120-1-S-0.5	Total/NA	Solid	8015B	534264

Metals

Prep Batch: 534327

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-80224-1	HA-120-1-S-0.5	Total/NA	Solid	3050B	
320-80224-2	HA-120-1-S-4	Total/NA	Solid	3050B	
MB 320-534327/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 320-534327/2-A	Lab Control Sample	Total/NA	Solid	3050B	
320-80224-1 MS	HA-120-1-S-0.5	Total/NA	Solid	3050B	

Eurofins TestAmerica, Sacramento

QC Association Summary

Client: Haley & Aldrich, Inc.
Project/Site: 120 E Grand Ave, SSF

Job ID: 320-80224-1

Metals (Continued)

Prep Batch: 534327 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-80224-1 MSD	HA-120-1-S-0.5	Total/NA	Solid	3050B	

Analysis Batch: 535211

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-80224-1	HA-120-1-S-0.5	Total/NA	Solid	6010B	534327
320-80224-2	HA-120-1-S-4	Total/NA	Solid	6010B	534327
MB 320-534327/1-A	Method Blank	Total/NA	Solid	6010B	534327
LCS 320-534327/2-A	Lab Control Sample	Total/NA	Solid	6010B	534327
320-80224-1 MS	HA-120-1-S-0.5	Total/NA	Solid	6010B	534327
320-80224-1 MSD	HA-120-1-S-0.5	Total/NA	Solid	6010B	534327

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: 120 E Grand Ave, SSF

Job ID: 320-80224-1

Client Sample ID: HA-120-1-S-0.5

Lab Sample ID: 320-80224-1

Date Collected: 10/11/21 18:30

Matrix: Solid

Date Received: 10/12/21 16:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.817 g	5 mL	533912	10/12/21 16:45	EFB	TAL SAC
Total/NA	Analysis	8260B		1	5 mL	5 mL	534221	10/15/21 18:57	AP1	TAL SAC
Total/NA	Prep	5035			5.817 g	5 mL	533912	10/12/21 16:45	EFB	TAL SAC
Total/NA	Analysis	8260B/CA_LUFTM S		1	5 mL	5 mL	534220	10/15/21 18:57	AP1	TAL SAC
Total/NA	Prep	3550B			30.69 g	3 mL	534264	10/15/21 10:02	SJ	TAL SAC
Total/NA	Analysis	8015B		1			535060	10/18/21 22:32	RAR	TAL SAC
Total/NA	Prep	3050B			1.05 g	100 mL	534327	10/15/21 13:55	JP	TAL SAC
Total/NA	Analysis	6010B		1			535211	10/18/21 14:55	SP	TAL SAC

Client Sample ID: HA-120-1-S-4

Lab Sample ID: 320-80224-2

Date Collected: 10/11/21 18:40

Matrix: Solid

Date Received: 10/12/21 16:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.73 g	5 mL	533912	10/12/21 16:45	EFB	TAL SAC
Total/NA	Analysis	8260B		1	5 mL	5 mL	534221	10/15/21 19:19	AP1	TAL SAC
Total/NA	Prep	5035			4.73 g	5 mL	533912	10/12/21 16:45	EFB	TAL SAC
Total/NA	Analysis	8260B/CA_LUFTM S		1	5 mL	5 mL	534220	10/15/21 19:19	AP1	TAL SAC
Total/NA	Prep	3550B			30.79 g	3 mL	534264	10/15/21 10:02	SJ	TAL SAC
Total/NA	Analysis	8015B		1			535060	10/18/21 23:44	RAR	TAL SAC
Total/NA	Prep	3050B			1.04 g	100 mL	534327	10/15/21 13:55	JP	TAL SAC
Total/NA	Analysis	6010B		1			535211	10/18/21 15:16	SP	TAL SAC

Laboratory References:

TAL SAC = Eurofins TestAmerica, Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Accreditation/Certification Summary

Client: Haley & Aldrich, Inc.
Project/Site: 120 E Grand Ave, SSF

Job ID: 320-80224-1

Laboratory: Eurofins TestAmerica, Sacramento

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

Authority	Program	Identification Number	Expiration Date
California	State	2897	01-31-22

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015B	3550B	Solid	Motor Oil Range Organics [C28-C40]

Method Summary

Client: Haley & Aldrich, Inc.
Project/Site: 120 E Grand Ave, SSF

Job ID: 320-80224-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL SAC
8260B/CA_LUFTMS	Volatile Organic Compounds by GC/MS	SW846	TAL SAC
8015B	Diesel Range Organics (DRO) (GC)	SW846	TAL SAC
6010B	Metals (ICP)	SW846	TAL SAC
3050B	Preparation, Metals	SW846	TAL SAC
3550B	Ultrasonic Extraction	SW846	TAL SAC
5035	Closed System Purge and Trap	SW846	TAL SAC

Protocol References:

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

Laboratory References:

TAL SAC = Eurofins TestAmerica, Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Sample Summary

Client: Haley & Aldrich, Inc.
Project/Site: 120 E Grand Ave, SSF

Job ID: 320-80224-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
320-80224-1	HA-120-1-S-0.5	Solid	10/11/21 18:30	10/12/21 16:38
320-80224-2	HA-120-1-S-4	Solid	10/11/21 18:40	10/12/21 16:38

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

[illegible]

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 320-80224-1

Login Number: 80224

List Source: Eurofins TestAmerica, Sacramento

List Number: 1

Creator: Garcia, Hilario A

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ 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.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 320-80224-1

Login Number: 80224

List Number: 2

Creator: Guzman, Juan

List Source: Eurofins TestAmerica, Sacramento

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	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	2.2 & 3.4
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?	False	Received project as a subcontract.
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.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

ANALYTICAL REPORT

Eurofins TestAmerica, Sacramento
880 Riverside Parkway
West Sacramento, CA 95605
Tel: (916)373-5600

Laboratory Job ID: 320-80224-2

Client Project/Site: 120 E Grand Ave, SSF

For:

Haley & Aldrich, Inc.
2033 North Main Street
Suite 309
Walnut Creek, California 94596

Attn: Jason Grant



Authorized for release by:
10/29/2021 4:34:12 PM

Lee Ann Heathcote, Project Manager II
(916)374-4333
LeeAnn.Heathcote@Eurofinset.com

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

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

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Definitions/Glossary

Client: Haley & Aldrich, Inc.
Project/Site: 120 E Grand Ave, SSF

Job ID: 320-80224-2

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
CFU	Colony Forming Unit
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)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
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)
TNTC	Too Numerous To Count

Case Narrative

Client: Haley & Aldrich, Inc.
Project/Site: 120 E Grand Ave, SSF

Job ID: 320-80224-2

Job ID: 320-80224-2

Laboratory: Eurofins TestAmerica, Sacramento

Narrative

Job Narrative 320-80224-2

Comments

This report contains data for method 7471A Mercury; other methods requested on the chain-of-custody (COC) may be found in the report for Job 320-80224-1.

Receipt

The samples were received on 10/12/2021 4:38 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 1.8° C.

Metals

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

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: 120 E Grand Ave, SSF

Job ID: 320-80224-2

Client Sample ID: HA-120-1-S-0.5

Lab Sample ID: 320-80224-1

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Mercury	30		18	ug/Kg	1		7471A	Total/NA

Client Sample ID: HA-120-1-S-4

Lab Sample ID: 320-80224-2

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Mercury	34		19	ug/Kg	1		7471A	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: 120 E Grand Ave, SSF

Job ID: 320-80224-2

Client Sample ID: HA-120-1-S-0.5

Lab Sample ID: 320-80224-1

Date Collected: 10/11/21 18:30

Matrix: Solid

Date Received: 10/12/21 16:38

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	30		18	ug/Kg		10/26/21 16:15	10/26/21 18:54	1

Client Sample ID: HA-120-1-S-4

Lab Sample ID: 320-80224-2

Date Collected: 10/11/21 18:40

Matrix: Solid

Date Received: 10/12/21 16:38

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	34		19	ug/Kg		10/26/21 16:15	10/26/21 18:57	1

QC Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: 120 E Grand Ave, SSF

Job ID: 320-80224-2

Method: 7471A - Mercury (CVAA)

Lab Sample ID: MB 280-555003/1-A
Matrix: Solid
Analysis Batch: 555177

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 555003

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		17	ug/Kg		10/26/21 16:15	10/26/21 17:43	1

Lab Sample ID: LCS 280-555003/2-A
Matrix: Solid
Analysis Batch: 555177

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 555003

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	333	361		ug/Kg		108	87 - 111

Lab Sample ID: LCSD 280-555003/3-A
Matrix: Solid
Analysis Batch: 555177

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 555003

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	333	343		ug/Kg		103	87 - 111	5	20

QC Association Summary

Client: Haley & Aldrich, Inc.
Project/Site: 120 E Grand Ave, SSF

Job ID: 320-80224-2

Metals

Prep Batch: 555003

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-80224-1	HA-120-1-S-0.5	Total/NA	Solid	7471A	
320-80224-2	HA-120-1-S-4	Total/NA	Solid	7471A	
MB 280-555003/1-A	Method Blank	Total/NA	Solid	7471A	
LCS 280-555003/2-A	Lab Control Sample	Total/NA	Solid	7471A	
LCSD 280-555003/3-A	Lab Control Sample Dup	Total/NA	Solid	7471A	

Analysis Batch: 555177

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-80224-1	HA-120-1-S-0.5	Total/NA	Solid	7471A	555003
320-80224-2	HA-120-1-S-4	Total/NA	Solid	7471A	555003
MB 280-555003/1-A	Method Blank	Total/NA	Solid	7471A	555003
LCS 280-555003/2-A	Lab Control Sample	Total/NA	Solid	7471A	555003
LCSD 280-555003/3-A	Lab Control Sample Dup	Total/NA	Solid	7471A	555003

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: 120 E Grand Ave, SSF

Job ID: 320-80224-2

Client Sample ID: HA-120-1-S-0.5

Lab Sample ID: 320-80224-1

Date Collected: 10/11/21 18:30

Matrix: Solid

Date Received: 10/12/21 16:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			.58 g	50 mL	555003	10/26/21 16:15	NK	TAL DEN
Total/NA	Analysis	7471A		1			555177	10/26/21 18:54	NK	TAL DEN

Client Sample ID: HA-120-1-S-4

Lab Sample ID: 320-80224-2

Date Collected: 10/11/21 18:40

Matrix: Solid

Date Received: 10/12/21 16:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			.53 g	50 mL	555003	10/26/21 16:15	NK	TAL DEN
Total/NA	Analysis	7471A		1			555177	10/26/21 18:57	NK	TAL DEN

Laboratory References:

TAL DEN = Eurofins TestAmerica, Denver, 4955 Yarrow Street, Arvada, CO 80002, TEL (303)736-0100

Accreditation/Certification Summary

Client: Haley & Aldrich, Inc.
Project/Site: 120 E Grand Ave, SSF

Job ID: 320-80224-2

Laboratory: Eurofins TestAmerica, Denver

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

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	2907.01	11-02-21
A2LA	ISO/IEC 17025	2907.01	11-02-21
Alabama	State Program	40730	09-30-12 *
Alaska (UST)	State	18-001	02-28-22
Arizona	State	AZ0713	12-21-21
Arkansas DEQ	State	19-047-0	06-01-21 *
California	State	2513	01-08-22
Connecticut	State	PH-0686	09-30-22
Florida	NELAP	E87667-57	06-30-22
Georgia	State	4025-011	01-08-22
Illinois	NELAP	2000172019-1	04-30-22
Iowa	State	IA#370	12-02-22
Kansas	NELAP	E-10166	04-30-22
Kentucky (WW)	State	KY98047	12-31-21
Louisiana	NELAP	30785	06-30-14 *
Louisiana	NELAP	30785	06-30-22
Minnesota	NELAP	1788752	12-31-21
Nevada	State	CO000262020-1	07-31-22
New Hampshire	NELAP	205319	04-29-22
New Jersey	NELAP	190002	07-01-22
New York	NELAP	59923	04-01-22
North Carolina (WW/SW)	State	358	12-31-21
North Dakota	State	R-034	01-08-22
Oklahoma	State	2018-006	09-01-21 *
Oregon	NELAP	4025-011	01-08-22
Pennsylvania	NELAP	013	07-31-22
South Carolina	State	72002001	01-08-22
Texas	NELAP	TX104704183-08-TX	09-30-09 *
Texas	NELAP	T104704183-21-19	10-01-22
US Fish & Wildlife	US Federal Programs	058448	07-31-22
USDA	US Federal Programs	P330-20-00065	03-06-23
Utah	NELAP	QUAN5	06-30-13 *
Utah	NELAP	CO000262019-11	07-31-21 *
Virginia	NELAP	10490	06-14-22
Washington	State	C583-19	08-03-22
West Virginia DEP	State	354	11-30-21
Wisconsin	State	999615430	08-31-22
Wyoming (UST)	A2LA	2907.01	10-31-21

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Eurofins TestAmerica, Sacramento

Method Summary

Client: Haley & Aldrich, Inc.
Project/Site: 120 E Grand Ave, SSF

Job ID: 320-80224-2

Method	Method Description	Protocol	Laboratory
7471A	Mercury (CVAA)	SW846	TAL DEN
7471A	Preparation, Mercury	SW846	TAL DEN

Protocol References:

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

Laboratory References:

TAL DEN = Eurofins TestAmerica, Denver, 4955 Yarrow Street, Arvada, CO 80002, TEL (303)736-0100

Sample Summary

Client: Haley & Aldrich, Inc.
Project/Site: 120 E Grand Ave, SSF

Job ID: 320-80224-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
320-80224-1	HA-120-1-S-0.5	Solid	10/11/21 18:30	10/12/21 16:38
320-80224-2	HA-120-1-S-4	Solid	10/11/21 18:40	10/12/21 16:38

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West Sacramento, CA 95605-1500
phone 916.373.5600 fax 303.467.7222

TestAmerica Laboratories, Inc
d TestAmerica Laboratories Inc.

Regulatory Program ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

TestAmerica's services under this CoC shall be performed in accordance with the T&Cs within Blanket Service Agreement# 2019-22-TestAmerica by and between Haley & Aldrich, Inc. its subsidiaries and affiliates, and TestAmerica Laboratories Inc.

Client Contact Haley & Aldrich J Grant Address: 2033 North Main Street Suite 309 City/State/Zip: Walnut Creek, CA 94596 Phone: (925) 949-1012 FAX: (925) 979-1456 H&A Project Number: 0203394-000-600-01 Site: 120 E Grand Ave. South San Francisco, CA 94080 H&A P O #		H&A Project Manager: J. Grant Tel/Fax: 925-949-4412 Analysis Turnaround Time ☐ CALENDAR DAYS ☐ WORKING DAYS TAT if different from Below (5-DAY TAT) ☐ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day		H&A Site Contact: A. Caveney Lab Contact: L. Heathcote		Date: 10/11/21 Carrier:		COC No: 1 of 1 COCs Sampler A. Caveney For Lab Use Only Walk-in Client Lab Sampling: Job / SDG No. Sample Specific Notes:			
Sample Identification HA-120-1-S-05 HA-120-1-S-4				Sample Disposal							
Preservation Used: 1=Ice, 2=HCl, 3=H2SO4, 4=HNO3, 5=NaOH, 6=Other Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.											
Special Instructions/QC Requirements & Comments											
Relinquished by: Caveney 10/12/21 Relinquished by: Relinquished by:				Received by: J. Grant Received by: Received in Laboratory by:				Date/Time: 10/12/21 Date/Time: Date/Time:			
Relinquished by:				Received by:				Date/Time:			
Relinquished by:				Received by:				Date/Time:			

[illegible]

Phone: 916-373-5600 Fax: 916-372-1059

Chain of Custody Record



2. *ciurofins*

[illegible]

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 320-80224-2

Login Number: 80224

List Source: Eurofins TestAmerica, Sacramento

List Number: 1

Creator: Garcia, Hilario A

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ 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.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 320-80224-2

Login Number: 80224

List Number: 2

Creator: Guzman, Juan

List Source: Eurofins TestAmerica, Sacramento

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	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	2.2 & 3.4
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?	False	Received project as a subcontract.
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.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 320-80224-2

Login Number: 80224

List Number: 3

Creator: O'Hara, Jake F

List Source: Eurofins TestAmerica, Denver

List Creation: 10/22/21 07:56 PM

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
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.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	False	Limited volume received.
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 $<6\text{mm}$ (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

ANALYTICAL REPORT

Eurofins TestAmerica, Sacramento
880 Riverside Parkway
West Sacramento, CA 95605
Tel: (916)373-5600

Laboratory Job ID: 320-80224-3

Client Project/Site: 120 E Grand Ave, SSF

For:

Haley & Aldrich, Inc.
2033 North Main Street
Suite 309
Walnut Creek, California 94596

Attn: Jason Grant



Authorized for release by:
11/11/2021 5:07:17 PM

Lee Ann Heathcote, Project Manager II
(916)374-4333
LeeAnn.Heathcote@Eurofinset.com

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

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

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Definitions/Glossary

Client: Haley & Aldrich, Inc.
Project/Site: 120 E Grand Ave, SSF

Job ID: 320-80224-3

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
CFU	Colony Forming Unit
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)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
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)
TNTC	Too Numerous To Count

Case Narrative

Client: Haley & Aldrich, Inc.
Project/Site: 120 E Grand Ave, SSF

Job ID: 320-80224-3

Job ID: 320-80224-3

Laboratory: Eurofins TestAmerica, Sacramento

Narrative

Job Narrative 320-80224-3

Comments

On 11/4/2021 the client requested STLC procedure for Chromium (Cr) be performed on sample "HA-120-1-S-0.5" (320-80224-1).

Receipt

The samples were received on 10/12/2021 4:38 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 1.8° C.

Metals

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

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: 120 E Grand Ave, SSF

Job ID: 320-80224-3

Client Sample ID: HA-120-1-S-0.5

Lab Sample ID: 320-80224-1

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Chromium	0.30		0.10	mg/L	10		6010B	STLC Citrate

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Sacramento

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: 120 E Grand Ave, SSF

Job ID: 320-80224-3

Client Sample ID: HA-120-1-S-0.5

Lab Sample ID: 320-80224-1

Date Collected: 10/11/21 18:30

Matrix: Solid

Date Received: 10/12/21 16:38

Method: 6010B - Metals (ICP) - STLC Citrate

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	0.30		0.10	mg/L			11/11/21 12:15	10

QC Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: 120 E Grand Ave, SSF

Job ID: 320-80224-3

Method: 6010B - Metals (ICP)

Lab Sample ID: LB 320-540586/1-A ^10

Matrix: Solid

Analysis Batch: 541934

Client Sample ID: Method Blank

Prep Type: STLC Citrate

Analyte	LB Result	LB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	ND		0.10	mg/L			11/11/21 12:03	10

Lab Sample ID: LCS 320-540586/2-A ^10

Matrix: Solid

Analysis Batch: 541934

Client Sample ID: Lab Control Sample

Prep Type: STLC Citrate

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chromium	1.00	0.945		mg/L		94	75 - 125

Lab Sample ID: LCSD 320-540586/3-A

Matrix: Solid

Analysis Batch: 541934

Client Sample ID: Lab Control Sample Dup

Prep Type: STLC Citrate

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chromium	1.00	0.967		mg/L		97	75 - 125	2	20

Lab Sample ID: 320-80224-1 MS

Matrix: Solid

Analysis Batch: 541934

Client Sample ID: HA-120-1-S-0.5

Prep Type: STLC Citrate

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chromium	0.30		1.00	1.24		mg/L		94	75 - 125

Lab Sample ID: 320-80224-1 MSD

Matrix: Solid

Analysis Batch: 541934

Client Sample ID: HA-120-1-S-0.5

Prep Type: STLC Citrate

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chromium	0.30		1.00	1.22		mg/L		92	75 - 125	1	20

QC Association Summary

Client: Haley & Aldrich, Inc.
Project/Site: 120 E Grand Ave, SSF

Job ID: 320-80224-3

Metals

Leach Batch: 540586

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-80224-1	HA-120-1-S-0.5	STLC Citrate	Solid	CA WET Citrate	
LB 320-540586/1-A ^10	Method Blank	STLC Citrate	Solid	CA WET Citrate	
LCS 320-540586/2-A ^10	Lab Control Sample	STLC Citrate	Solid	CA WET Citrate	
LCSD 320-540586/3-A	Lab Control Sample Dup	STLC Citrate	Solid	CA WET Citrate	
320-80224-1 MS	HA-120-1-S-0.5	STLC Citrate	Solid	CA WET Citrate	
320-80224-1 MSD	HA-120-1-S-0.5	STLC Citrate	Solid	CA WET Citrate	

Analysis Batch: 541934

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-80224-1	HA-120-1-S-0.5	STLC Citrate	Solid	6010B	540586
LB 320-540586/1-A ^10	Method Blank	STLC Citrate	Solid	6010B	540586
LCS 320-540586/2-A ^10	Lab Control Sample	STLC Citrate	Solid	6010B	540586
LCSD 320-540586/3-A	Lab Control Sample Dup	STLC Citrate	Solid	6010B	540586
320-80224-1 MS	HA-120-1-S-0.5	STLC Citrate	Solid	6010B	540586
320-80224-1 MSD	HA-120-1-S-0.5	STLC Citrate	Solid	6010B	540586

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: 120 E Grand Ave, SSF

Job ID: 320-80224-3

Client Sample ID: HA-120-1-S-0.5

Lab Sample ID: 320-80224-1

Date Collected: 10/11/21 18:30

Matrix: Solid

Date Received: 10/12/21 16:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
STLC Citrate	Leach	CA WET Citrate			50.05 g	500 mL	540586	11/08/21 15:26	JLV	TAL SAC
STLC Citrate	Analysis	6010B		10			541934	11/11/21 12:15	SP	TAL SAC

Laboratory References:

TAL SAC = Eurofins TestAmerica, Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Accreditation/Certification Summary

Client: Haley & Aldrich, Inc.
Project/Site: 120 E Grand Ave, SSF

Job ID: 320-80224-3

Laboratory: Eurofins TestAmerica, Sacramento

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	State	2897	01-31-22

Method Summary

Client: Haley & Aldrich, Inc.
Project/Site: 120 E Grand Ave, SSF

Job ID: 320-80224-3

Method	Method Description	Protocol	Laboratory
6010B	Metals (ICP)	SW846	TAL SAC
CA WET Citrate	California - Waste Extraction Test with Citrate Leach	CA-WET	TAL SAC

Protocol References:

CA-WET = California Waste Extraction Test, from Title 22

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

Laboratory References:

TAL SAC = Eurofins TestAmerica, Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Sample Summary

Client: Haley & Aldrich, Inc.
Project/Site: 120 E Grand Ave, SSF

Job ID: 320-80224-3

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
320-80224-1	HA-120-1-S-0.5	Solid	10/11/21 18:30	10/12/21 16:38

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

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 320-80224-3

Login Number: 80224

List Source: Eurofins TestAmerica, Sacramento

List Number: 1

Creator: Garcia, Hilario A

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ 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.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 320-80224-3

Login Number: 80224

List Number: 2

Creator: Guzman, Juan

List Source: Eurofins TestAmerica, Sacramento

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	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	2.2 & 3.4
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?	False	Received project as a subcontract.
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.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

October 26, 2021

Jason Grant
Haley & Aldrich
2033 North Main St.
Suite 309
Walnut Creek, CA 94596

RE: Project: 0203394-000-600-01 TCC SSF
Pace Project No.: 10583310

Dear Jason Grant:

Enclosed are the analytical results for sample(s) received by the laboratory on October 14, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Minneapolis

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Carolynne Trout
carolynne.trout@pacelabs.com
1(612)607-6351
Project Manager

Enclosures

cc: Akash Caveney, Haley & Aldrich, Inc.
Vanessa Godard, Haley & Aldrich
Brooke Mellin, Haley & Aldrich



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
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CERTIFICATIONS

Project: 0203394-000-600-01 TCC SSF

Pace Project No.: 10583310

Pace Analytical Services, LLC - Minneapolis MN

1700 Elm Street SE, Minneapolis, MN 55414

1800 Elm Street SE, Minneapolis, MN 55414--Satellite Air Lab

A2LA Certification #: 2926.01*

Alabama Certification #: 40770

Alaska Contaminated Sites Certification #: 17-009*

Alaska DW Certification #: MN00064

Arizona Certification #: AZ0014*

Arkansas DW Certification #: MN00064

Arkansas WW Certification #: 88-0680

California Certification #: 2929

Colorado Certification #: MN00064

Connecticut Certification #: PH-0256

EPA Region 8 Tribal Water Systems+Wyoming DW Certification #: via MN 027-053-137

Florida Certification #: E87605*

Georgia Certification #: 959

Hawaii Certification #: MN00064

Idaho Certification #: MN00064

Illinois Certification #: 200011

Indiana Certification #: C-MN-01

Iowa Certification #: 368

Kansas Certification #: E-10167

Kentucky DW Certification #: 90062

Kentucky WW Certification #: 90062

Louisiana DEQ Certification #: AI-03086*

Louisiana DW Certification #: MN00064

Maine Certification #: MN00064*

Maryland Certification #: 322

Michigan Certification #: 9909

Minnesota Certification #: 027-053-137*

Minnesota Dept of Ag Approval: via MN 027-053-137

Minnesota Petrofund Registration #: 1240*

Mississippi Certification #: MN00064

Missouri Certification #: 10100

Montana Certification #: CERT0092

Nebraska Certification #: NE-OS-18-06

Nevada Certification #: MN00064

New Hampshire Certification #: 2081*

New Jersey Certification #: MN002

New York Certification #: 11647*

North Carolina DW Certification #: 27700

North Carolina WW Certification #: 530

North Dakota Certification #: R-036

Ohio DW Certification #: 41244

Ohio VAP Certification (1700) #: CL101

Ohio VAP Certification (1800) #: CL110*

Oklahoma Certification #: 9507*

Oregon Primary Certification #: MN300001

Oregon Secondary Certification #: MN200001*

Pennsylvania Certification #: 68-00563*

Puerto Rico Certification #: MN00064

South Carolina Certification #: 74003001

Tennessee Certification #: TN02818

Texas Certification #: T104704192*

Utah Certification #: MN00064*

Vermont Certification #: VT-027053137

Virginia Certification #: 460163*

Washington Certification #: C486*

West Virginia DEP Certification #: 382

West Virginia DW Certification #: 9952 C

Wisconsin Certification #: 999407970

Wyoming UST Certification #: via A2LA 2926.01

USDA Permit #: P330-19-00208

Please Note: Applicable air certifications are denoted with an asterisk ().

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 0203394-000-600-01 TCC SSF

Pace Project No.: 10583310

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10583310001	HA-180-1	Air	10/13/21 11:32	10/14/21 09:55
10583310002	HA-180-2	Air	10/13/21 10:35	10/14/21 09:55

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 0203394-000-600-01 TCC SSF

Pace Project No.: 10583310

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
10583310001	HA-180-1	TO-15	SW	17	PASI-M
10583310002	HA-180-2	TO-15	SW	17	PASI-M

PASI-M = Pace Analytical Services - Minneapolis

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 0203394-000-600-01 TCC SSF

Pace Project No.: 10583310

Sample: HA-180-1		Lab ID: 10583310001		Collected: 10/13/21 11:32		Received: 10/14/21 09:55		Matrix: Air	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
TO15 MSV AIR		Analytical Method: TO-15 Pace Analytical Services - Minneapolis							
Bromodichloromethane	ND	ug/m3	299	219.6		10/21/21 23:23	75-27-4		
Carbon tetrachloride	ND	ug/m3	281	219.6		10/21/21 23:23	56-23-5		
Chloroform	ND	ug/m3	109	219.6		10/21/21 23:23	67-66-3		
1,1-Dichloroethane	ND	ug/m3	181	219.6		10/21/21 23:23	75-34-3		
1,2-Dichloroethane	ND	ug/m3	181	219.6		10/21/21 23:23	107-06-2		
1,1-Dichloroethene	ND	ug/m3	177	219.6		10/21/21 23:23	75-35-4		
cis-1,2-Dichloroethene	ND	ug/m3	177	219.6		10/21/21 23:23	156-59-2		
trans-1,2-Dichloroethene	ND	ug/m3	177	219.6		10/21/21 23:23	156-60-5		
1,2-Dichloropropane	ND	ug/m3	206	219.6		10/21/21 23:23	78-87-5		
cis-1,3-Dichloropropene	ND	ug/m3	507	219.6		10/21/21 23:23	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/m3	507	219.6		10/21/21 23:23	10061-02-6		
1,1,2,2-Tetrachloroethane	ND	ug/m3	307	219.6		10/21/21 23:23	79-34-5		
Tetrachloroethene	2320	ug/m3	151	219.6		10/21/21 23:23	127-18-4		
1,1,1-Trichloroethane	ND	ug/m3	244	219.6		10/21/21 23:23	71-55-6		
1,1,2-Trichloroethane	ND	ug/m3	122	219.6		10/21/21 23:23	79-00-5		
Trichloroethene	38200	ug/m3	120	219.6		10/21/21 23:23	79-01-6		
Vinyl chloride	ND	ug/m3	57.1	219.6		10/21/21 23:23	75-01-4		

Sample: HA-180-2		Lab ID: 10583310002		Collected: 10/13/21 10:35		Received: 10/14/21 09:55		Matrix: Air	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
TO15 MSV AIR		Analytical Method: TO-15 Pace Analytical Services - Minneapolis							
Bromodichloromethane	ND	ug/m3	2310	1699		10/22/21 00:17	75-27-4		
Carbon tetrachloride	ND	ug/m3	2170	1699		10/22/21 00:17	56-23-5		
Chloroform	ND	ug/m3	843	1699		10/22/21 00:17	67-66-3		
1,1-Dichloroethane	ND	ug/m3	1400	1699		10/22/21 00:17	75-34-3		
1,2-Dichloroethane	ND	ug/m3	1400	1699		10/22/21 00:17	107-06-2		
1,1-Dichloroethene	ND	ug/m3	1370	1699		10/22/21 00:17	75-35-4		
cis-1,2-Dichloroethene	ND	ug/m3	1370	1699		10/22/21 00:17	156-59-2		
trans-1,2-Dichloroethene	ND	ug/m3	1370	1699		10/22/21 00:17	156-60-5		
1,2-Dichloropropane	ND	ug/m3	1600	1699		10/22/21 00:17	78-87-5		
cis-1,3-Dichloropropene	ND	ug/m3	3930	1699		10/22/21 00:17	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/m3	3930	1699		10/22/21 00:17	10061-02-6		
1,1,2,2-Tetrachloroethane	ND	ug/m3	2380	1699		10/22/21 00:17	79-34-5		
Tetrachloroethene	11600	ug/m3	1170	1699		10/22/21 00:17	127-18-4		
1,1,1-Trichloroethane	ND	ug/m3	1890	1699		10/22/21 00:17	71-55-6		
1,1,2-Trichloroethane	ND	ug/m3	943	1699		10/22/21 00:17	79-00-5		
Trichloroethene	438000	ug/m3	3710	6797		10/22/21 19:52	79-01-6		
Vinyl chloride	ND	ug/m3	442	1699		10/22/21 00:17	75-01-4		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 0203394-000-600-01 TCC SSF

Pace Project No.: 10583310

QC Batch: 778530

Analysis Method: TO-15

QC Batch Method: TO-15

Analysis Description: TO15 MSV AIR Low Level

Laboratory: Pace Analytical Services - Minneapolis

Associated Lab Samples: 10583310001, 10583310002

METHOD BLANK: 4146423

Matrix: Air

Associated Lab Samples: 10583310001, 10583310002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/m3	ND	0.56	10/21/21 10:01	
1,1,2,2-Tetrachloroethane	ug/m3	ND	0.70	10/21/21 10:01	
1,1,2-Trichloroethane	ug/m3	ND	0.28	10/21/21 10:01	
1,1-Dichloroethane	ug/m3	ND	0.41	10/21/21 10:01	
1,1-Dichloroethene	ug/m3	ND	0.40	10/21/21 10:01	
1,2-Dichloroethane	ug/m3	ND	0.41	10/21/21 10:01	
1,2-Dichloropropane	ug/m3	ND	0.47	10/21/21 10:01	
Bromodichloromethane	ug/m3	ND	0.68	10/21/21 10:01	
Carbon tetrachloride	ug/m3	ND	0.64	10/21/21 10:01	
Chloroform	ug/m3	ND	0.25	10/21/21 10:01	
cis-1,2-Dichloroethene	ug/m3	ND	0.40	10/21/21 10:01	
cis-1,3-Dichloropropene	ug/m3	ND	1.2	10/21/21 10:01	
Tetrachloroethene	ug/m3	ND	0.34	10/21/21 10:01	
trans-1,2-Dichloroethene	ug/m3	ND	0.40	10/21/21 10:01	
trans-1,3-Dichloropropene	ug/m3	ND	1.2	10/21/21 10:01	
Trichloroethene	ug/m3	ND	0.27	10/21/21 10:01	
Vinyl chloride	ug/m3	ND	0.13	10/21/21 10:01	

LABORATORY CONTROL SAMPLE: 4146424

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/m3	59.3	68.7	116	70-130	
1,1,2,2-Tetrachloroethane	ug/m3	75.4	84.1	112	70-132	
1,1,2-Trichloroethane	ug/m3	59.6	67.0	112	70-134	
1,1-Dichloroethane	ug/m3	43.9	46.9	107	70-133	
1,1-Dichloroethene	ug/m3	43.5	45.9	105	70-130	
1,2-Dichloroethane	ug/m3	44.4	49.4	111	70-132	
1,2-Dichloropropane	ug/m3	50.6	51.7	102	70-134	
Bromodichloromethane	ug/m3	73.1	83.4	114	70-133	
Carbon tetrachloride	ug/m3	69.4	80.1	115	70-131	
Chloroform	ug/m3	52.4	58.8	112	70-130	
cis-1,2-Dichloroethene	ug/m3	43.4	49.1	113	70-137	
cis-1,3-Dichloropropene	ug/m3	49.4	53.4	108	70-144	
Tetrachloroethene	ug/m3	73.4	84.1	115	70-130	
trans-1,2-Dichloroethene	ug/m3	43.6	47.4	109	70-130	
trans-1,3-Dichloropropene	ug/m3	50.5	49.6	98	70-145	
Trichloroethene	ug/m3	58.4	66.8	114	70-130	
Vinyl chloride	ug/m3	28	30.1	107	70-137	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 0203394-000-600-01 TCC SSF

Pace Project No.: 10583310

SAMPLE DUPLICATE: 4148045

Parameter	Units	10581509001 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/m3	ND	1.6J		25	
1,1,2,2-Tetrachloroethane	ug/m3	ND	ND		25	
1,1,2-Trichloroethane	ug/m3	ND	ND		25	
1,1-Dichloroethane	ug/m3	ND	ND		25	
1,1-Dichloroethene	ug/m3	ND	ND		25	
1,2-Dichloroethane	ug/m3	ND	ND		25	
1,2-Dichloropropane	ug/m3	ND	ND		25	
Bromodichloromethane	ug/m3	ND	ND		25	
Carbon tetrachloride	ug/m3	ND	ND		25	
Chloroform	ug/m3	39.3	39.2	0	25	
cis-1,2-Dichloroethene	ug/m3	ND	ND		25	
cis-1,3-Dichloropropene	ug/m3	ND	ND		25	
Tetrachloroethene	ug/m3	91.7	92.8	1	25	
trans-1,2-Dichloroethene	ug/m3	ND	1.8J		25	
trans-1,3-Dichloropropene	ug/m3	ND	ND		25	
Trichloroethene	ug/m3	494	492	0	25	
Vinyl chloride	ug/m3	ND	ND		25	

SAMPLE DUPLICATE: 4148046

Parameter	Units	10581509002 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/m3	ND	3.4J		25	
1,1,2,2-Tetrachloroethane	ug/m3	ND	ND		25	
1,1,2-Trichloroethane	ug/m3	ND	ND		25	
1,1-Dichloroethane	ug/m3	ND	ND		25	
1,1-Dichloroethene	ug/m3	ND	ND		25	
1,2-Dichloroethane	ug/m3	ND	ND		25	
1,2-Dichloropropane	ug/m3	ND	ND		25	
Bromodichloromethane	ug/m3	ND	ND		25	
Carbon tetrachloride	ug/m3	ND	ND		25	
Chloroform	ug/m3	15.6	15.8	1	25	
cis-1,2-Dichloroethene	ug/m3	ND	ND		25	
cis-1,3-Dichloropropene	ug/m3	ND	ND		25	
Tetrachloroethene	ug/m3	48.4	48.4	0	25	
trans-1,2-Dichloroethene	ug/m3	ND	ND		25	
trans-1,3-Dichloropropene	ug/m3	ND	ND		25	
Trichloroethene	ug/m3	259	259	0	25	
Vinyl chloride	ug/m3	ND	1.1J		25	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: 0203394-000-600-01 TCC SSF

Pace Project No.: 10583310

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 0203394-000-600-01 TCC SSF

Pace Project No.: 10583310

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10583310001	HA-180-1	TO-15	778530		
10583310002	HA-180-2	TO-15	778530		

REPORT OF LABORATORY ANALYSIS

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AIR: CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 1 OF 1	
1700 Elm Street SE - Minneapolis, MN 55414	
Program	
☐ BT	☐ Superfund
☐ Emissions	☐ Clean Air Act
☐ Voluntary Clean Up	☐ Dry Clean
☐ PCRA	☐ per
Reporting Units	
ug/m ³	☒ X
mg/m ³	☐
PPBV	☒ X
PPMV	☐
Other	☐
Report Level	II. ☒ III. ☐ IV. ☐
Location of Sampling by State	

Information:	Accounts Payable
Time:	Haley & Aldrich, Inc.
	countspayable@haleyaldrich.com
Reference:	
	Manager/Sales Rep. Carolynne Trout
#:	

Section B	Section C
Invoice Information:	
Report To: igrant@haleyvaldrich.com	Attention: AC
Copy To: BMellin@haleyvaldrich.com , ACaveney@haleyvaldrich.com , VGodard@haleyvaldrich.com	Company Name
	Address: gC
Purchase Order No.:	Pace Quote
Project Name: TCC SSF	Pace Project
Project Number: 0203394-000-600-01	Pace Profile

Section A	Required Client Information:
	Company: Haley & Aldrich, Inc.
	Address: 2033 N. Main St., Ste. 309
	Walnut Creek, CA 94596
	Email To: igrant@haleyvaldrich.com
	Phone: (925) 949-4412 Fax (925) 979-1456
	Requested Due Date/TAT: 5-DAY TAT

Pace's services under this Chain of Custody shall be performed in accordance with terms and conditions within Blanket Service Agreement #2019-22-Pace by and between Haley & Aldrich, Inc., its subsidiaries and affiliates and Pace Analytical Services, Inc.													
ITEM #	Section D Required Client Information			COLLECTED			Initial Field reading (inches of Hg)	Final Field reading (inches of Hg)	Summa Can Number	Flow Control Number	Method:	Pace Lab ID	
	AIR SAMPLE ID Sample IDs MUST BE UNIQUE	Valid Media Codes MEDIA TB Tedlar Bag 1 Liter Summa Can 6 Liter Summa Can Low Volume Puff High Volume Puff Other	MEDIA CODE	PID Reading (Client only)	DATE	TIME							DATE
1	HA-180-1		1LC		10/13/2021	1126	10/13/2021	1132	-29	-4	3 9 2 6 FC 1 1 5 5	X	001
2	HA-180-2		1LC		10/13/2021	1029	10/13/2021	1035	-30	-4	3 9 5 7 FC 1 1 3 4	X	002
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													

WO#: 10583310



10583310

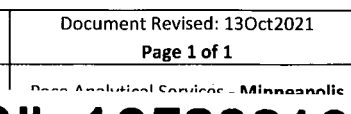
Comments :

Please provide Haley & Aldrich EQUIS 4-file EDD.

Please provide California GeoTracker format EDF.

The GeoTracker Global ID is T100000010521

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
Akash Caveney H&A	10/13/21	1715	Matt	10-14-21	9:55	Temp in C Received on Ice Custody Sealed Cooler Samples Intact
SAMPLER NAME AND SIGNATURE						
PRINT Name of SAMPLER:						
SIGNATURE of SAMPLER:						
Akash Caveney						
DATE Signed (MM/DD/YY)						
10/13/21						



WO# : 10583310

PM: CT1 Due Date: 10/21/21
CLIENT: Haley- Air

Packing Material: ☒ Bubble Wrap ☐ Bubble Bags ☒ Foam
☐ None ☐ Tin Can ☐ Other:

Date & Initials of Person
Examining Contents: 10-14-21 MZ

				Comments
Chain of Custody Present?	☒ Yes	☐ No		1.
Chain of Custody Filled Out?	☒ Yes	☐ No		2.
Chain of Custody Relinquished?	☒ Yes	☐ No		3.
Sampler Name and/or Signature on COC?	☒ Yes	☐ No	☐ N/A	4.
Samples Arrived within Hold Time?	☒ Yes	☐ No		5.
Short Hold Time Analysis (<72 hr)?	☐ Yes	☒ No		6.
Rush Turn Around Time Requested?	☐ Yes	☒ No		7.
Sufficient Volume?	☒ Yes	☐ No		8.
Correct Containers Used?				9.
(Tedlar bags not acceptable container for TO-15 or APH)	☒ Yes	☐ No		
-Pace Containers Used?	☒ Yes	☐ No		
Containers Intact?				10.
(visual inspection/no leaks when pressurized)	☒ Yes	☐ No		
Media: Air Can Airbag				11. Individually Certified Cans? Y ☒ N (list which samples)
Is sufficient information available to reconcile samples to the COC?	☒ Yes	☐ No		12.
Do cans need to be pressurized?	☒ Yes	☐ No		13.
(DO NOT PRESSURIZE 3C or ASTM 1946!!!)				

[illegible]**CLIENT NOTIFICATION/RESOLUTION**

Person Contacted: _____ Date/Time: _____
Comments/Resolution: _____

Field Data Required? ☐ Yes ☐ No

Project Manager Review: Matt K...

Date: 10/15/21

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e., out of hold, incorrect preservative, out of temp, incorrect containers).

October 26, 2021

Jason Grant
Haley & Aldrich
2033 North Main St.
Suite 309
Walnut Creek, CA 94596

RE: Project: 0203394-000-600-01 TCC SSF
Pace Project No.: 10583311

Dear Jason Grant:

Enclosed are the analytical results for sample(s) received by the laboratory on October 14, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Minneapolis

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Carolynne Trout
carolynne.trout@pacelabs.com
1(612)607-6351
Project Manager

Enclosures

cc: Akash Caveney, Haley & Aldrich, Inc.
Vanessa Godard, Haley & Aldrich
Brooke Mellin, Haley & Aldrich



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 0203394-000-600-01 TCC SSF

Pace Project No.: 10583311

Pace Analytical Services, LLC - Minneapolis MN

1700 Elm Street SE, Minneapolis, MN 55414

1800 Elm Street SE, Minneapolis, MN 55414--Satellite Air Lab

A2LA Certification #: 2926.01*

Alabama Certification #: 40770

Alaska Contaminated Sites Certification #: 17-009*

Alaska DW Certification #: MN00064

Arizona Certification #: AZ0014*

Arkansas DW Certification #: MN00064

Arkansas WW Certification #: 88-0680

California Certification #: 2929

Colorado Certification #: MN00064

Connecticut Certification #: PH-0256

EPA Region 8 Tribal Water Systems+Wyoming DW Certification #: via MN 027-053-137

Florida Certification #: E87605*

Georgia Certification #: 959

Hawaii Certification #: MN00064

Idaho Certification #: MN00064

Illinois Certification #: 200011

Indiana Certification #: C-MN-01

Iowa Certification #: 368

Kansas Certification #: E-10167

Kentucky DW Certification #: 90062

Kentucky WW Certification #: 90062

Louisiana DEQ Certification #: AI-03086*

Louisiana DW Certification #: MN00064

Maine Certification #: MN00064*

Maryland Certification #: 322

Michigan Certification #: 9909

Minnesota Certification #: 027-053-137*

Minnesota Dept of Ag Approval: via MN 027-053-137

Minnesota Petrofund Registration #: 1240*

Mississippi Certification #: MN00064

Missouri Certification #: 10100

Montana Certification #: CERT0092

Nebraska Certification #: NE-OS-18-06

Nevada Certification #: MN00064

New Hampshire Certification #: 2081*

New Jersey Certification #: MN002

New York Certification #: 11647*

North Carolina DW Certification #: 27700

North Carolina WW Certification #: 530

North Dakota Certification #: R-036

Ohio DW Certification #: 41244

Ohio VAP Certification (1700) #: CL101

Ohio VAP Certification (1800) #: CL110*

Oklahoma Certification #: 9507*

Oregon Primary Certification #: MN300001

Oregon Secondary Certification #: MN200001*

Pennsylvania Certification #: 68-00563*

Puerto Rico Certification #: MN00064

South Carolina Certification #: 74003001

Tennessee Certification #: TN02818

Texas Certification #: T104704192*

Utah Certification #: MN00064*

Vermont Certification #: VT-027053137

Virginia Certification #: 460163*

Washington Certification #: C486*

West Virginia DEP Certification #: 382

West Virginia DW Certification #: 9952 C

Wisconsin Certification #: 999407970

Wyoming UST Certification #: via A2LA 2926.01

USDA Permit #: P330-19-00208

Please Note: Applicable air certifications are denoted with an asterisk ().

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 0203394-000-600-01 TCC SSF

Pace Project No.: 10583311

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10583311001	HA-145-1	Air	10/11/21 07:58	10/14/21 09:55
10583311002	HA-145-2	Air	10/11/21 09:34	10/14/21 09:55
10583311003	HA-145-3	Air	10/11/21 10:56	10/14/21 09:55
10583311004	HA-145-4	Air	10/11/21 11:53	10/14/21 09:55
10583311005	HA-160-1	Air	10/12/21 09:53	10/14/21 09:55
10583311006	HA-160-2	Air	10/12/21 12:23	10/14/21 09:55
10583311007	HA-160-3	Air	10/12/21 08:50	10/14/21 09:55
10583311008	HA-160-4	Air	10/12/21 11:11	10/14/21 09:55
10583311009	HA-160-5	Air	10/11/21 14:08	10/14/21 09:55
10583311010	HA-160-6	Air	10/11/21 13:21	10/14/21 09:55
10583311011	UNUSED PACE0989	Air		10/14/21 09:55
10583311012	UNUSED PACE3531	Air		10/14/21 09:55
10583311013	UNUSED PACE3079	Air		10/14/21 09:55

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 0203394-000-600-01 TCC SSF

Pace Project No.: 10583311

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
10583311001	HA-145-1	TO-15	GT, SW	17	PASI-M
10583311002	HA-145-2	TO-15	SW	17	PASI-M
10583311003	HA-145-3	TO-15	SW	17	PASI-M
10583311004	HA-145-4	TO-15	SW	17	PASI-M
10583311005	HA-160-1	TO-15	SW	17	PASI-M
10583311006	HA-160-2	TO-15	SW	17	PASI-M
10583311007	HA-160-3	Method 3C Gases	AJA	1	PASI-M
		TO-15	GT	17	PASI-M
10583311008	HA-160-4	TO-15	SW	17	PASI-M
10583311009	HA-160-5	TO-15	SW	17	PASI-M
10583311010	HA-160-6	TO-15	SW	17	PASI-M

PASI-M = Pace Analytical Services - Minneapolis

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 0203394-000-600-01 TCC SSF

Pace Project No.: 10583311

Sample: HA-145-1		Lab ID: 10583311001		Collected: 10/11/21 07:58		Received: 10/14/21 09:55		Matrix: Air	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
TO15 MSV AIR		Analytical Method: TO-15 Pace Analytical Services - Minneapolis							
Bromodichloromethane	ND	ug/m3	2.4	1.74		10/21/21 18:12	75-27-4		
Carbon tetrachloride	ND	ug/m3	2.2	1.74		10/21/21 18:12	56-23-5		
Chloroform	5.2	ug/m3	0.86	1.74		10/21/21 18:12	67-66-3		
1,1-Dichloroethane	ND	ug/m3	1.4	1.74		10/21/21 18:12	75-34-3		
1,2-Dichloroethane	ND	ug/m3	1.4	1.74		10/21/21 18:12	107-06-2		
1,1-Dichloroethene	ND	ug/m3	1.4	1.74		10/21/21 18:12	75-35-4		
cis-1,2-Dichloroethene	ND	ug/m3	1.4	1.74		10/21/21 18:12	156-59-2		
trans-1,2-Dichloroethene	ND	ug/m3	1.4	1.74		10/21/21 18:12	156-60-5		
1,2-Dichloropropane	ND	ug/m3	1.6	1.74		10/21/21 18:12	78-87-5		
cis-1,3-Dichloropropene	ND	ug/m3	4.0	1.74		10/21/21 18:12	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/m3	4.0	1.74		10/21/21 18:12	10061-02-6		
1,1,2,2-Tetrachloroethane	ND	ug/m3	2.4	1.74		10/21/21 18:12	79-34-5		
Tetrachloroethene	2.2	ug/m3	1.2	1.74		10/21/21 18:12	127-18-4		
1,1,1-Trichloroethane	ND	ug/m3	1.9	1.74		10/21/21 18:12	71-55-6		
1,1,2-Trichloroethane	ND	ug/m3	0.97	1.74		10/21/21 18:12	79-00-5		
Trichloroethene	ND	ug/m3	0.95	1.74		10/23/21 12:54	79-01-6		
Vinyl chloride	ND	ug/m3	0.45	1.74		10/21/21 18:12	75-01-4		

Sample: HA-145-2		Lab ID: 10583311002		Collected: 10/11/21 09:34		Received: 10/14/21 09:55		Matrix: Air	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
TO15 MSV AIR	Analytical Method: TO-15								
	Pace Analytical Services - Minneapolis								
Bromodichloromethane	ND	ug/m3	2.5	1.83		10/21/21 18:41	75-27-4		
Carbon tetrachloride	ND	ug/m3	2.3	1.83		10/21/21 18:41	56-23-5		
Chloroform	7.3	ug/m3	0.91	1.83		10/21/21 18:41	67-66-3		
1,1-Dichloroethane	2.3	ug/m3	1.5	1.83		10/21/21 18:41	75-34-3		
1,2-Dichloroethane	ND	ug/m3	1.5	1.83		10/21/21 18:41	107-06-2		
1,1-Dichloroethene	ND	ug/m3	1.5	1.83		10/21/21 18:41	75-35-4		
cis-1,2-Dichloroethene	ND	ug/m3	1.5	1.83		10/21/21 18:41	156-59-2		
trans-1,2-Dichloroethene	ND	ug/m3	1.5	1.83		10/21/21 18:41	156-60-5		
1,2-Dichloropropane	ND	ug/m3	1.7	1.83		10/21/21 18:41	78-87-5		
cis-1,3-Dichloropropene	ND	ug/m3	4.2	1.83		10/21/21 18:41	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/m3	4.2	1.83		10/21/21 18:41	10061-02-6		
1,1,2,2-Tetrachloroethane	ND	ug/m3	2.6	1.83		10/21/21 18:41	79-34-5		
Tetrachloroethene	ND	ug/m3	1.3	1.83		10/21/21 18:41	127-18-4		
1,1,1-Trichloroethane	248	ug/m3	2.0	1.83		10/21/21 18:41	71-55-6		
1,1,2-Trichloroethane	ND	ug/m3	1.0	1.83		10/21/21 18:41	79-00-5		
Trichloroethene	ND	ug/m3	1.0	1.83		10/21/21 18:41	79-01-6		
Vinyl chloride	ND	ug/m3	0.48	1.83		10/21/21 18:41	75-01-4		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 0203394-000-600-01 TCC SSF

Pace Project No.: 10583311

Sample: HA-145-3		Lab ID: 10583311003		Collected: 10/11/21 10:56		Received: 10/14/21 09:55		Matrix: Air	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
TO15 MSV AIR		Analytical Method: TO-15 Pace Analytical Services - Minneapolis							
Bromodichloromethane	ND	ug/m3	2.4	1.74		10/21/21 19:11	75-27-4		
Carbon tetrachloride	ND	ug/m3	2.2	1.74		10/21/21 19:11	56-23-5		
Chloroform	11.4	ug/m3	0.86	1.74		10/21/21 19:11	67-66-3		
1,1-Dichloroethane	ND	ug/m3	1.4	1.74		10/21/21 19:11	75-34-3		
1,2-Dichloroethane	ND	ug/m3	1.4	1.74		10/21/21 19:11	107-06-2		
1,1-Dichloroethene	ND	ug/m3	1.4	1.74		10/21/21 19:11	75-35-4		
cis-1,2-Dichloroethene	ND	ug/m3	1.4	1.74		10/21/21 19:11	156-59-2		
trans-1,2-Dichloroethene	ND	ug/m3	1.4	1.74		10/21/21 19:11	156-60-5		
1,2-Dichloropropane	ND	ug/m3	1.6	1.74		10/21/21 19:11	78-87-5		
cis-1,3-Dichloropropene	ND	ug/m3	4.0	1.74		10/21/21 19:11	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/m3	4.0	1.74		10/21/21 19:11	10061-02-6		
1,1,2,2-Tetrachloroethane	ND	ug/m3	2.4	1.74		10/21/21 19:11	79-34-5		
Tetrachloroethene	2.2	ug/m3	1.2	1.74		10/21/21 19:11	127-18-4		
1,1,1-Trichloroethane	28.4	ug/m3	1.9	1.74		10/21/21 19:11	71-55-6		
1,1,2-Trichloroethane	ND	ug/m3	0.97	1.74		10/21/21 19:11	79-00-5		
Trichloroethene	1.8	ug/m3	0.95	1.74		10/21/21 19:11	79-01-6		
Vinyl chloride	ND	ug/m3	0.45	1.74		10/21/21 19:11	75-01-4		

Sample: HA-145-4		Lab ID: 10583311004		Collected: 10/11/21 11:53		Received: 10/14/21 09:55		Matrix: Air	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
TO15 MSV AIR		Analytical Method: TO-15 Pace Analytical Services - Minneapolis							
Bromodichloromethane	ND	ug/m3	2.6	1.94		10/21/21 19:41	75-27-4		
Carbon tetrachloride	ND	ug/m3	2.5	1.94		10/21/21 19:41	56-23-5		
Chloroform	9.4	ug/m3	0.96	1.94		10/21/21 19:41	67-66-3		
1,1-Dichloroethane	ND	ug/m3	1.6	1.94		10/21/21 19:41	75-34-3		
1,2-Dichloroethane	ND	ug/m3	1.6	1.94		10/21/21 19:41	107-06-2		
1,1-Dichloroethene	ND	ug/m3	1.6	1.94		10/21/21 19:41	75-35-4		
cis-1,2-Dichloroethene	ND	ug/m3	1.6	1.94		10/21/21 19:41	156-59-2		
trans-1,2-Dichloroethene	ND	ug/m3	1.6	1.94		10/21/21 19:41	156-60-5		
1,2-Dichloropropane	ND	ug/m3	1.8	1.94		10/21/21 19:41	78-87-5		
cis-1,3-Dichloropropene	ND	ug/m3	4.5	1.94		10/21/21 19:41	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/m3	4.5	1.94		10/21/21 19:41	10061-02-6		
1,1,2,2-Tetrachloroethane	ND	ug/m3	2.7	1.94		10/21/21 19:41	79-34-5		
Tetrachloroethene	ND	ug/m3	1.3	1.94		10/21/21 19:41	127-18-4		
1,1,1-Trichloroethane	44.6	ug/m3	2.2	1.94		10/21/21 19:41	71-55-6		
1,1,2-Trichloroethane	ND	ug/m3	1.1	1.94		10/21/21 19:41	79-00-5		
Trichloroethene	ND	ug/m3	1.1	1.94		10/21/21 19:41	79-01-6		
Vinyl chloride	ND	ug/m3	0.50	1.94		10/21/21 19:41	75-01-4		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 0203394-000-600-01 TCC SSF

Pace Project No.: 10583311

Sample: HA-160-1		Lab ID: 10583311005		Collected: 10/12/21 09:53		Received: 10/14/21 09:55		Matrix: Air	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
TO15 MSV AIR		Analytical Method: TO-15 Pace Analytical Services - Minneapolis							
Bromodichloromethane	ND	ug/m3	2.4	1.8		10/21/21 20:10	75-27-4		
Carbon tetrachloride	ND	ug/m3	2.3	1.8		10/21/21 20:10	56-23-5		
Chloroform	ND	ug/m3	0.89	1.8		10/21/21 20:10	67-66-3		
1,1-Dichloroethane	ND	ug/m3	1.5	1.8		10/21/21 20:10	75-34-3		
1,2-Dichloroethane	ND	ug/m3	1.5	1.8		10/21/21 20:10	107-06-2		
1,1-Dichloroethene	ND	ug/m3	1.5	1.8		10/21/21 20:10	75-35-4		
cis-1,2-Dichloroethene	15.1	ug/m3	1.5	1.8		10/21/21 20:10	156-59-2		
trans-1,2-Dichloroethene	ND	ug/m3	1.5	1.8		10/21/21 20:10	156-60-5		
1,2-Dichloropropane	ND	ug/m3	1.7	1.8		10/21/21 20:10	78-87-5		
cis-1,3-Dichloropropene	ND	ug/m3	4.2	1.8		10/21/21 20:10	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/m3	4.2	1.8		10/21/21 20:10	10061-02-6		
1,1,2,2-Tetrachloroethane	ND	ug/m3	2.5	1.8		10/21/21 20:10	79-34-5		
Tetrachloroethene	ND	ug/m3	1.2	1.8		10/21/21 20:10	127-18-4		
1,1,1-Trichloroethane	ND	ug/m3	2.0	1.8		10/21/21 20:10	71-55-6		
1,1,2-Trichloroethane	ND	ug/m3	1.0	1.8		10/21/21 20:10	79-00-5		
Trichloroethene	2.4	ug/m3	0.98	1.8		10/21/21 20:10	79-01-6		
Vinyl chloride	ND	ug/m3	0.47	1.8		10/21/21 20:10	75-01-4		

Sample: HA-160-2		Lab ID: 10583311006		Collected: 10/12/21 12:23		Received: 10/14/21 09:55		Matrix: Air	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
TO15 MSV AIR		Analytical Method: TO-15 Pace Analytical Services - Minneapolis							
Bromodichloromethane	ND	ug/m3	2.5	1.83		10/21/21 21:06	75-27-4		
Carbon tetrachloride	ND	ug/m3	2.3	1.83		10/21/21 21:06	56-23-5		
Chloroform	6.7	ug/m3	0.91	1.83		10/21/21 21:06	67-66-3		
1,1-Dichloroethane	ND	ug/m3	1.5	1.83		10/21/21 21:06	75-34-3		
1,2-Dichloroethane	ND	ug/m3	1.5	1.83		10/21/21 21:06	107-06-2		
1,1-Dichloroethene	ND	ug/m3	1.5	1.83		10/21/21 21:06	75-35-4		
cis-1,2-Dichloroethene	ND	ug/m3	1.5	1.83		10/21/21 21:06	156-59-2		
trans-1,2-Dichloroethene	ND	ug/m3	1.5	1.83		10/21/21 21:06	156-60-5		
1,2-Dichloropropane	ND	ug/m3	1.7	1.83		10/21/21 21:06	78-87-5		
cis-1,3-Dichloropropene	ND	ug/m3	4.2	1.83		10/21/21 21:06	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/m3	4.2	1.83		10/21/21 21:06	10061-02-6		
1,1,2,2-Tetrachloroethane	ND	ug/m3	2.6	1.83		10/21/21 21:06	79-34-5		
Tetrachloroethene	3.2	ug/m3	1.3	1.83		10/21/21 21:06	127-18-4		
1,1,1-Trichloroethane	65.2	ug/m3	2.0	1.83		10/21/21 21:06	71-55-6		
1,1,2-Trichloroethane	ND	ug/m3	1.0	1.83		10/21/21 21:06	79-00-5		
Trichloroethene	8.1	ug/m3	1.0	1.83		10/21/21 21:06	79-01-6		
Vinyl chloride	1.7	ug/m3	0.48	1.83		10/21/21 21:06	75-01-4		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 0203394-000-600-01 TCC SSF

Pace Project No.: 10583311

Sample: HA-160-3		Lab ID: 10583311007		Collected: 10/12/21 08:50		Received: 10/14/21 09:55		Matrix: Air	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
ASTM 1946- Fixed Gases		Analytical Method: Method 3C Gases Pace Analytical Services - Minneapolis							
Helium	ND	%	3.6	1		10/20/21 11:39	7440-59-7	N2	
TO15 MSV AIR		Analytical Method: TO-15 Pace Analytical Services - Minneapolis							
Bromodichloromethane	ND	ug/m3	2.4	1.8		10/24/21 03:22	75-27-4		
Carbon tetrachloride	ND	ug/m3	2.3	1.8		10/24/21 03:22	56-23-5		
Chloroform	1.8	ug/m3	0.89	1.8		10/24/21 03:22	67-66-3		
1,1-Dichloroethane	ND	ug/m3	1.5	1.8		10/24/21 03:22	75-34-3		
1,2-Dichloroethane	ND	ug/m3	1.5	1.8		10/24/21 03:22	107-06-2		
1,1-Dichloroethene	ND	ug/m3	1.5	1.8		10/24/21 03:22	75-35-4		
cis-1,2-Dichloroethene	13.9	ug/m3	1.5	1.8		10/24/21 03:22	156-59-2		
trans-1,2-Dichloroethene	2.1	ug/m3	1.5	1.8		10/24/21 03:22	156-60-5		
1,2-Dichloropropane	ND	ug/m3	1.7	1.8		10/24/21 03:22	78-87-5		
cis-1,3-Dichloropropene	ND	ug/m3	4.2	1.8		10/24/21 03:22	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/m3	4.2	1.8		10/24/21 03:22	10061-02-6		
1,1,2,2-Tetrachloroethane	ND	ug/m3	2.5	1.8		10/24/21 03:22	79-34-5		
Tetrachloroethene	ND	ug/m3	1.2	1.8		10/24/21 03:22	127-18-4		
1,1,1-Trichloroethane	ND	ug/m3	2.0	1.8		10/24/21 03:22	71-55-6		
1,1,2-Trichloroethane	ND	ug/m3	1.0	1.8		10/24/21 03:22	79-00-5		
Trichloroethene	26.6	ug/m3	0.98	1.8		10/24/21 03:22	79-01-6		
Vinyl chloride	1.0	ug/m3	0.47	1.8		10/24/21 03:22	75-01-4		

Sample: HA-160-4		Lab ID: 10583311008		Collected: 10/12/21 11:11		Received: 10/14/21 09:55		Matrix: Air	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
TO15 MSV AIR		Analytical Method: TO-15 Pace Analytical Services - Minneapolis							
Bromodichloromethane	ND	ug/m3	2.5	1.83		10/21/21 21:35	75-27-4		
Carbon tetrachloride	ND	ug/m3	2.3	1.83		10/21/21 21:35	56-23-5		
Chloroform	13.5	ug/m3	0.91	1.83		10/21/21 21:35	67-66-3		
1,1-Dichloroethane	ND	ug/m3	1.5	1.83		10/21/21 21:35	75-34-3		
1,2-Dichloroethane	ND	ug/m3	1.5	1.83		10/21/21 21:35	107-06-2		
1,1-Dichloroethene	1.5	ug/m3	1.5	1.83		10/21/21 21:35	75-35-4		
cis-1,2-Dichloroethene	ND	ug/m3	1.5	1.83		10/21/21 21:35	156-59-2		
trans-1,2-Dichloroethene	ND	ug/m3	1.5	1.83		10/21/21 21:35	156-60-5		
1,2-Dichloropropane	ND	ug/m3	1.7	1.83		10/21/21 21:35	78-87-5		
cis-1,3-Dichloropropene	ND	ug/m3	4.2	1.83		10/21/21 21:35	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/m3	4.2	1.83		10/21/21 21:35	10061-02-6		
1,1,2,2-Tetrachloroethane	ND	ug/m3	2.6	1.83		10/21/21 21:35	79-34-5		
Tetrachloroethene	3010	ug/m3	159	230.4		10/22/21 18:31	127-18-4		
1,1,1-Trichloroethane	2500	ug/m3	256	230.4		10/22/21 18:31	71-55-6		
1,1,2-Trichloroethane	ND	ug/m3	1.0	1.83		10/21/21 21:35	79-00-5		
Trichloroethene	55.1	ug/m3	1.0	1.83		10/21/21 21:35	79-01-6		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 0203394-000-600-01 TCC SSF

Pace Project No.: 10583311

Sample: HA-160-4		Lab ID: 10583311008	Collected: 10/12/21 11:11		Received: 10/14/21 09:55	Matrix: Air		
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

TO15 MSV AIR

Analytical Method: TO-15

Pace Analytical Services - Minneapolis

Vinyl chloride	ND	ug/m3	0.48	1.83		10/21/21 21:35	75-01-4	
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Sample: HA-160-5		Lab ID: 10583311009	Collected: 10/11/21 14:08		Received: 10/14/21 09:55	Matrix: Air		
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

TO15 MSV AIR

Analytical Method: TO-15

Pace Analytical Services - Minneapolis

Bromodichloromethane	ND	ug/m3	1290	950.4		10/21/21 23:50	75-27-4	
Carbon tetrachloride	ND	ug/m3	1220	950.4		10/21/21 23:50	56-23-5	
Chloroform	ND	ug/m3	471	950.4		10/21/21 23:50	67-66-3	
1,1-Dichloroethane	5710	ug/m3	782	950.4		10/21/21 23:50	75-34-3	
1,2-Dichloroethane	ND	ug/m3	782	950.4		10/21/21 23:50	107-06-2	
1,1-Dichloroethene	1030	ug/m3	766	950.4		10/21/21 23:50	75-35-4	
cis-1,2-Dichloroethene	14700	ug/m3	766	950.4		10/21/21 23:50	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	766	950.4		10/21/21 23:50	156-60-5	
1,2-Dichloropropane	ND	ug/m3	892	950.4		10/21/21 23:50	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	2200	950.4		10/21/21 23:50	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	2200	950.4		10/21/21 23:50	10061-02-6	
1,1,2,2-Tetrachloroethane	ND	ug/m3	1330	950.4		10/21/21 23:50	79-34-5	
Tetrachloroethene	473000	ug/m3	2620	3802		10/22/21 19:25	127-18-4	
1,1,1-Trichloroethane	36000	ug/m3	1050	950.4		10/21/21 23:50	71-55-6	
1,1,2-Trichloroethane	ND	ug/m3	527	950.4		10/21/21 23:50	79-00-5	
Trichloroethene	137000	ug/m3	519	950.4		10/21/21 23:50	79-01-6	
Vinyl chloride	ND	ug/m3	247	950.4		10/21/21 23:50	75-01-4	

Sample: HA-160-6		Lab ID: 10583311010	Collected: 10/11/21 13:21		Received: 10/14/21 09:55	Matrix: Air		
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

TO15 MSV AIR

Analytical Method: TO-15

Pace Analytical Services - Minneapolis

Bromodichloromethane	ND	ug/m3	76.3	56.1		10/21/21 22:56	75-27-4	
Carbon tetrachloride	ND	ug/m3	71.8	56.1		10/21/21 22:56	56-23-5	
Chloroform	ND	ug/m3	27.8	56.1		10/21/21 22:56	67-66-3	
1,1-Dichloroethane	ND	ug/m3	46.2	56.1		10/21/21 22:56	75-34-3	
1,2-Dichloroethane	ND	ug/m3	46.2	56.1		10/21/21 22:56	107-06-2	
1,1-Dichloroethene	ND	ug/m3	45.2	56.1		10/21/21 22:56	75-35-4	
cis-1,2-Dichloroethene	ND	ug/m3	45.2	56.1		10/21/21 22:56	156-59-2	
trans-1,2-Dichloroethene	ND	ug/m3	45.2	56.1		10/21/21 22:56	156-60-5	
1,2-Dichloropropane	ND	ug/m3	52.7	56.1		10/21/21 22:56	78-87-5	
cis-1,3-Dichloropropene	ND	ug/m3	130	56.1		10/21/21 22:56	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/m3	130	56.1		10/21/21 22:56	10061-02-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 0203394-000-600-01 TCC SSF

Pace Project No.: 10583311

Sample: HA-160-6		Lab ID: 10583311010		Collected: 10/11/21 13:21		Received: 10/14/21 09:55		Matrix: Air	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
TO15 MSV AIR		Analytical Method: TO-15 Pace Analytical Services - Minneapolis							
1,1,2,2-Tetrachloroethane	ND	ug/m3	78.5	56.1		10/21/21 22:56	79-34-5		
Tetrachloroethene	19300	ug/m3	155	224.4		10/22/21 18:58	127-18-4		
1,1,1-Trichloroethane	426	ug/m3	62.3	56.1		10/21/21 22:56	71-55-6		
1,1,2-Trichloroethane	ND	ug/m3	31.1	56.1		10/21/21 22:56	79-00-5		
Trichloroethene	90.6	ug/m3	30.6	56.1		10/21/21 22:56	79-01-6		
Vinyl chloride	ND	ug/m3	14.6	56.1		10/21/21 22:56	75-01-4		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 0203394-000-600-01 TCC SSF

Pace Project No.: 10583311

QC Batch:	778019	Analysis Method:	Method 3C Gases
QC Batch Method:	Method 3C Gases	Analysis Description:	ASTM 1946 - FIXED GASES
		Laboratory:	Pace Analytical Services - Minneapolis
Associated Lab Samples:	10583311007		

METHOD BLANK: 4144161

Matrix: Air

Associated Lab Samples: 10583311007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Helium	%	ND	3.6	10/20/21 09:00	N2

LABORATORY CONTROL SAMPLE & LCSD: 4144162

4144163

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Helium	%	18	17.1	18.1	95	101	70-130	6	30	N2

SAMPLE DUPLICATE: 4145035

Parameter	Units	10583311007 Result	Dup Result	RPD	Max RPD	Qualifiers
Helium	%	ND	ND		30	N2

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 0203394-000-600-01 TCC SSF

Pace Project No.: 10583311

QC Batch:	778530	Analysis Method:	TO-15
QC Batch Method:	TO-15	Analysis Description:	TO15 MSV AIR Low Level
		Laboratory:	Pace Analytical Services - Minneapolis
Associated Lab Samples:	10583311001, 10583311002, 10583311003, 10583311004, 10583311005, 10583311006, 10583311008, 10583311009, 10583311010		

METHOD BLANK:	4146423	Matrix:	Air
Associated Lab Samples:	10583311001, 10583311002, 10583311003, 10583311004, 10583311005, 10583311006, 10583311008, 10583311009, 10583311010		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/m3	ND	0.56	10/21/21 10:01	
1,1,2,2-Tetrachloroethane	ug/m3	ND	0.70	10/21/21 10:01	
1,1,2-Trichloroethane	ug/m3	ND	0.28	10/21/21 10:01	
1,1-Dichloroethane	ug/m3	ND	0.41	10/21/21 10:01	
1,1-Dichloroethene	ug/m3	ND	0.40	10/21/21 10:01	
1,2-Dichloroethane	ug/m3	ND	0.41	10/21/21 10:01	
1,2-Dichloropropane	ug/m3	ND	0.47	10/21/21 10:01	
Bromodichloromethane	ug/m3	ND	0.68	10/21/21 10:01	
Carbon tetrachloride	ug/m3	ND	0.64	10/21/21 10:01	
Chloroform	ug/m3	ND	0.25	10/21/21 10:01	
cis-1,2-Dichloroethene	ug/m3	ND	0.40	10/21/21 10:01	
cis-1,3-Dichloropropene	ug/m3	ND	1.2	10/21/21 10:01	
Tetrachloroethene	ug/m3	ND	0.34	10/21/21 10:01	
trans-1,2-Dichloroethene	ug/m3	ND	0.40	10/21/21 10:01	
trans-1,3-Dichloropropene	ug/m3	ND	1.2	10/21/21 10:01	
Trichloroethene	ug/m3	ND	0.27	10/21/21 10:01	
Vinyl chloride	ug/m3	ND	0.13	10/21/21 10:01	

LABORATORY CONTROL SAMPLE: 4146424

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/m3	59.3	68.7	116	70-130	
1,1,2,2-Tetrachloroethane	ug/m3	75.4	84.1	112	70-132	
1,1,2-Trichloroethane	ug/m3	59.6	67.0	112	70-134	
1,1-Dichloroethane	ug/m3	43.9	46.9	107	70-133	
1,1-Dichloroethene	ug/m3	43.5	45.9	105	70-130	
1,2-Dichloroethane	ug/m3	44.4	49.4	111	70-132	
1,2-Dichloropropane	ug/m3	50.6	51.7	102	70-134	
Bromodichloromethane	ug/m3	73.1	83.4	114	70-133	
Carbon tetrachloride	ug/m3	69.4	80.1	115	70-131	
Chloroform	ug/m3	52.4	58.8	112	70-130	
cis-1,2-Dichloroethene	ug/m3	43.4	49.1	113	70-137	
cis-1,3-Dichloropropene	ug/m3	49.4	53.4	108	70-144	
Tetrachloroethene	ug/m3	73.4	84.1	115	70-130	
trans-1,2-Dichloroethene	ug/m3	43.6	47.4	109	70-130	
trans-1,3-Dichloropropene	ug/m3	50.5	49.6	98	70-145	
Trichloroethene	ug/m3	58.4	66.8	114	70-130	

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QUALITY CONTROL DATA

Project: 0203394-000-600-01 TCC SSF

Pace Project No.: 10583311

LABORATORY CONTROL SAMPLE: 4146424

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Vinyl chloride	ug/m3	28	30.1	107	70-137	

SAMPLE DUPLICATE: 4148045

Parameter	Units	10581509001 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/m3	ND	1.6J		25	
1,1,2,2-Tetrachloroethane	ug/m3	ND	ND		25	
1,1,2-Trichloroethane	ug/m3	ND	ND		25	
1,1-Dichloroethane	ug/m3	ND	ND		25	
1,1-Dichloroethene	ug/m3	ND	ND		25	
1,2-Dichloroethane	ug/m3	ND	ND		25	
1,2-Dichloropropane	ug/m3	ND	ND		25	
Bromodichloromethane	ug/m3	ND	ND		25	
Carbon tetrachloride	ug/m3	ND	ND		25	
Chloroform	ug/m3	39.3	39.2	0	25	
cis-1,2-Dichloroethene	ug/m3	ND	ND		25	
cis-1,3-Dichloropropene	ug/m3	ND	ND		25	
Tetrachloroethene	ug/m3	91.7	92.8	1	25	
trans-1,2-Dichloroethene	ug/m3	ND	1.8J		25	
trans-1,3-Dichloropropene	ug/m3	ND	ND		25	
Trichloroethene	ug/m3	494	492	0	25	
Vinyl chloride	ug/m3	ND	ND		25	

SAMPLE DUPLICATE: 4148046

Parameter	Units	10581509002 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/m3	ND	3.4J		25	
1,1,2,2-Tetrachloroethane	ug/m3	ND	ND		25	
1,1,2-Trichloroethane	ug/m3	ND	ND		25	
1,1-Dichloroethane	ug/m3	ND	ND		25	
1,1-Dichloroethene	ug/m3	ND	ND		25	
1,2-Dichloroethane	ug/m3	ND	ND		25	
1,2-Dichloropropane	ug/m3	ND	ND		25	
Bromodichloromethane	ug/m3	ND	ND		25	
Carbon tetrachloride	ug/m3	ND	ND		25	
Chloroform	ug/m3	15.6	15.8	1	25	
cis-1,2-Dichloroethene	ug/m3	ND	ND		25	
cis-1,3-Dichloropropene	ug/m3	ND	ND		25	
Tetrachloroethene	ug/m3	48.4	48.4	0	25	
trans-1,2-Dichloroethene	ug/m3	ND	ND		25	
trans-1,3-Dichloropropene	ug/m3	ND	ND		25	
Trichloroethene	ug/m3	259	259	0	25	
Vinyl chloride	ug/m3	ND	1.1J		25	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 0203394-000-600-01 TCC SSF

Pace Project No.: 10583311

QC Batch: 778951

Analysis Method: TO-15

QC Batch Method: TO-15

Analysis Description: TO15 MSV AIR Low Level

Laboratory: Pace Analytical Services - Minneapolis

Associated Lab Samples: 10583311007

METHOD BLANK: 4148791

Matrix: Air

Associated Lab Samples: 10583311007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/m3	ND	0.56	10/23/21 10:21	
1,1,2,2-Tetrachloroethane	ug/m3	ND	0.70	10/23/21 10:21	
1,1,2-Trichloroethane	ug/m3	ND	0.28	10/23/21 10:21	
1,1-Dichloroethane	ug/m3	ND	0.41	10/23/21 10:21	
1,1-Dichloroethene	ug/m3	ND	0.40	10/23/21 10:21	
1,2-Dichloroethane	ug/m3	ND	0.41	10/23/21 10:21	
1,2-Dichloropropane	ug/m3	ND	0.47	10/23/21 10:21	
Bromodichloromethane	ug/m3	ND	0.68	10/23/21 10:21	
Carbon tetrachloride	ug/m3	ND	0.64	10/23/21 10:21	
Chloroform	ug/m3	ND	0.25	10/23/21 10:21	
cis-1,2-Dichloroethene	ug/m3	ND	0.40	10/23/21 10:21	
cis-1,3-Dichloropropene	ug/m3	ND	1.2	10/23/21 10:21	
Tetrachloroethene	ug/m3	ND	0.34	10/23/21 10:21	
trans-1,2-Dichloroethene	ug/m3	ND	0.40	10/23/21 10:21	
trans-1,3-Dichloropropene	ug/m3	ND	1.2	10/23/21 10:21	
Trichloroethene	ug/m3	ND	0.27	10/23/21 10:21	
Vinyl chloride	ug/m3	ND	0.13	10/23/21 10:21	

LABORATORY CONTROL SAMPLE: 4148792

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/m3	59.3	57.9	98	70-130	
1,1,2,2-Tetrachloroethane	ug/m3	75.4	83.5	111	70-132	
1,1,2-Trichloroethane	ug/m3	59.6	63.3	106	70-134	
1,1-Dichloroethane	ug/m3	43.9	42.6	97	70-133	
1,1-Dichloroethene	ug/m3	43.5	40.6	93	70-130	
1,2-Dichloroethane	ug/m3	44.4	44.4	100	70-132	
1,2-Dichloropropane	ug/m3	50.6	54.0	107	70-134	
Bromodichloromethane	ug/m3	73.1	82.8	113	70-133	
Carbon tetrachloride	ug/m3	69.4	70.6	102	70-131	
Chloroform	ug/m3	52.4	57.3	109	70-130	
cis-1,2-Dichloroethene	ug/m3	43.4	43.9	101	70-137	
cis-1,3-Dichloropropene	ug/m3	49.4	54.6	111	70-144	
Tetrachloroethene	ug/m3	73.4	77.2	105	70-130	
trans-1,2-Dichloroethene	ug/m3	43.6	42.9	98	70-130	
trans-1,3-Dichloropropene	ug/m3	50.5	57.3	113	70-145	
Trichloroethene	ug/m3	58.4	63.7	109	70-130	
Vinyl chloride	ug/m3	28	30.3	108	70-137	

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: 0203394-000-600-01 TCC SSF
Pace Project No.: 10583311

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

N2 The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 0203394-000-600-01 TCC SSF

Pace Project No.: 10583311

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10583311007	HA-160-3	Method 3C Gases	778019		
10583311001	HA-145-1	TO-15	778530		
10583311002	HA-145-2	TO-15	778530		
10583311003	HA-145-3	TO-15	778530		
10583311004	HA-145-4	TO-15	778530		
10583311005	HA-160-1	TO-15	778530		
10583311006	HA-160-2	TO-15	778530		
10583311007	HA-160-3	TO-15	778951		
10583311008	HA-160-4	TO-15	778530		
10583311009	HA-160-5	TO-15	778530		
10583311010	HA-160-6	TO-15	778530		

REPORT OF LABORATORY ANALYSIS

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The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

W0#:10583311

	Document Name:	Document Revised: 13Oct2021
	Sample Condition Upon Receipt (SCUR) - Air	Page 1 of 1
	Document No.: ENV-FRM-MIN4-0113 Rev.01	Pace Analytical Services - Minneapolis

Air Sample Condition
Upon Receipt

Client Name: Haley, Aldrich

Project #:

WO#: **10583311**

Courier: ☒ FedEx ☐ UPS ☐ USPS ☐ Client
☐ Pace ☐ SpeedDee ☐ Commercial

PM: CT1

Due Date: 10/21/21

CLIENT: Haley- Air

Tracking Number: 9753 8446 2242, 2231 ☐ See Exception

Custody Seal on Cooler/Box Present? ☐ Yes ☐ No

Seals Intact? ☐ Yes ☐ No

Packing Material: ☒ Bubble Wrap ☐ Bubble Bags ☒ Foam
☐ None ☐ Tin Can ☐ Other: _____

Date & Initials of Person

Examining Contents: 10-14-21 mI

Comments:

Chain of Custody Present?	☒ Yes	☐ No		1.
Chain of Custody Filled Out?	☒ Yes	☐ No		2.
Chain of Custody Relinquished?	☒ Yes	☐ No		3.
Sampler Name and/or Signature on COC?	☒ Yes	☐ No	☐ N/A	4.
Samples Arrived within Hold Time?	☒ Yes	☐ No		5.
Short Hold Time Analysis (<72 hr)?	☐ Yes	☒ No		6.
Rush Turn Around Time Requested?	☐ Yes	☒ No		7.
Sufficient Volume?	☒ Yes	☐ No		8.
Correct Containers Used?				9.
(Tedlar bags not acceptable container for TO-15 or APH)	☒ Yes	☐ No		
-Pace Containers Used?	☒ Yes	☐ No		
Containers Intact?	☒ Yes	☐ No		10.
(visual inspection no leaks when pressurized)				
Media: <u>Air Can</u> Airbag				11. Individually Certified Cans? Y ☒ N ☐ (list which samples)
Is sufficient information available to reconcile samples to the COC?	☒ Yes	☐ No		12.
Do cans need to be pressurized?	☒ Yes	☐ No		13.
(DO NOT PRESSURIZE 3C or ASTM 1946!!!)				<u>HA-160-3 is not filled.</u>

Gauge #: ☐ 10AIR26 ☐ 10AIR34 ☐ 10AIR35 ☐ 10AIR17 ☒ 10AIR47 ☐ 10AIR48									
Canisters					Canisters				
Sample Number	Can ID	Flow Controller	Initial Pressure	Final Pressure	Sample Number	Can ID	Flow Controller	Initial Pressure	Final Pressure
145-1	2937	932	-1	+10					
11-2	2624	3123	-2.5						
11-3	2077	3134	-1						
11-4	2493	3180	-4						
160-1	1297	1152	-2						
11-2	3835	2658	-2.5						
11-3	1023	2991	-2						
11-4	3215	1621	-2.5	+10					
11-5	2896	2952	-4.5						
11-6	2394	625	-3						
Unused	989	698	-27						
	3531	2833	-23						
	3079	1809	-27						

CLIENT NOTIFICATION/RESOLUTION

Field Data Required?

☐ Yes

☐ No

Person Contacted: _____

Date/Time: _____

Comments/Resolution: _____

Project Manager Review:

Mat Ray

Date: 10/15/21

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e., out of hold, incorrect preservative, out of temp, incorrect containers).