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November 11, 2022

VIA EMAIL AND PRIVATE CARRIER

Anuradha Mohanty
Land and Materials Administration
Maryland Department of the Environment
1800 Washington Boulevard, Suite: 625
Baltimore, Maryland 21230

Subject: Transmittal of 2022 Greater Strawberry Point Area Long-Term Groundwater Monitoring Report
Revision 1 and Responses to Stakeholder Comments
Martin State Airport, 701 Wilson Point Road
Middle River, Maryland

Dear Ms. Mohanty,

For your information, please find enclosed two hard copies of the above-referenced document. The below is included:

- Response to Comments (RTC)
- Updated Report/CD

If you have any questions or require any additional information please contact me by phone at 301-964-2482, or via e-mail at anthony.c.apanavage@lmco.com.

Sincerely,

A handwritten signature in black ink, appearing to read "Anthony Apanavage".

Anthony Apanavage
Project Lead
Environmental Remediation Principal
Lockheed Martin Corporation

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Responses to Maryland Aviation Administration Martin State Airport Review Comments

Comments on 2022 Greater Strawberry Point Area Long-Term Groundwater Monitoring Report, September 2022

- **Sections 4 and 5** – The page numbers throughout Sections 4 and 5 appear to be incorrect. Page numbers in these sections are shown as pages 4-1 and 5-1 for all pages in these sections.

Response: The formatting for page numbers has been corrected in Sections 4 and 5.

- **Section 4.2.3, Page 4-1** – Please clarify if the laboratory was notified of the detection limit issue for TPH-DRO, so that it does not continue to be an issue in the future.

Response: Diesel fuels are a mixture of many hydrocarbons and the mass of different components varies depending on the origin and age of the mixture. The detection limit issue is a limitation of the DRO method gas chromatograph (GC) method, which derives total DRO as the weight/sum of individual hydrocarbon groups (each with lower individual detection limits). The GC results are extrapolated from a plot representing a fingerprint unique to each diesel-range C10-C32 hydrocarbon mixture, with peaks comprising a collection of hydrocarbons based on their respective weights. The method detection limits for the individual hydrocarbon groups within the C10-C32 range (when reported individually) are lower (30 ug/L) and the higher total reporting limit (~200-230 ug/L) is a limitation of summing them (i.e., reporting the overall range). There is no optimal or better laboratory method for DRO analysis in water.

One additional consideration is the derivation of the Maryland groundwater cleanup standard for DRO. The Maryland cleanup standard of 47 ug/L for DRO represents a lowest-value among published risk-based values for specific hydrocarbon fractions, not a total or sum. The Maryland value is the lowest (ingestion-based) calculated exposure value among the C9-C18 aliphatic, C19-C36 aliphatic, and C11-C22 aromatic fractions published by the Massachusetts Department of the Environment (MADEP) in 2002 (Characterizing Risks Posed by Petroleum Contaminated Sites: Implementation of MADEP VPH/EPH Approach, October 31, 2002, Policy # WSC-02- 0411). Therefore, the Maryland standard is based on a conservative value, and corresponds to the greatest exposure risk (lowest risk-triggering value) of the various component fractions, as opposed to the total risk of the combined hydrocarbon mixture. From this perspective, having the laboratory reporting limit or MDL elevated above the 47 ug/L standard for the total TPH may not be considered a significant data quality issue.

- **Section 5, third paragraph, Pages 5-1 and 5-2** – Please indicate if additional monitoring wells are being considered for installation to evaluate the source and extent of trichloroethene in the vicinity of GSP-MW-32S.

***Response:** In July 2022 (after the date of this monitoring event), seven monitoring wells were installed to targeted depths at Greater Strawberry Point, including four wells installed in the shallow aquifer and three wells in the intermediate aquifer. The newly installed wells were at locations that will assist with the ongoing trichloroethene investigation in the vicinity of GSP-MW-28 near Stansbury Creek. These wells will be sampled in fall 2022, and results reported shortly after. No additional monitoring wells are currently being considered for the vicinity of GSP-MW-32S.*

- **Appendix F** – The formatting for this Table needs to be adjusted. The Table has been cut off on every page.

***Response:** The table in Appendix F was reformatted to adjust the print content and margins, and to ensure the entire table contents are shown without being hidden.*

- **Add few acronyms (DRO, TPH, TCE)**
- ***Response:** These acronyms have been added to the acronym list in the report.*

**Responses to Comments MDE
Martin State Airport
Review Comments**

Comments on 2022 Greater Strawberry Point Area Long-Term Groundwater Monitoring Report, September 2022

- **Follow-up question** – Is Lockheed Martin still doing additional TCE investigation near MW 32S and 32D?

***Response:** These wells are part of the long-term monitoring program for the monitored natural attenuation (MNA) of chlorinated VOCs – particularly TCE – in the Greater Strawberry Point area, starting in 2020. Wells 32S and 32D and around 23 other wells will be monitored annually; the original plan for annual monitoring of 18 wells (including 32S and 32D) will likely be amended to include the 7 wells recently installed in a cluster near Stansbury Creek. No additional wells are planned for the vicinity of wells 32S and 32D. These wells are on the airfield side of GSP, between Taxiway F and the Runway, in an area where the hydraulic gradient is eastward towards the runway. These wells are set back approximately 1,500 feet from Stansbury Creek and are approximately 400 feet downgradient from the nearest wetlands, so groundwater in the vicinity of 32S/32D is not considered to present a risk to surface waters.*

Lockheed Martin will evaluate annual changes in groundwater quality in wells 32S and 32D. Should the long term monitoring indicate the need, Lockheed Martin will consider additional groundwater investigations in that area.

**2022 GREATER STRAWBERRY POINT AREA LONG-
TERM GROUNDWATER MONITORING REPORT,
MARTIN STATE AIRPORT,
701 WILSON POINT ROAD
MIDDLE RIVER, MARYLAND**

Prepared for:
Lockheed Martin Corporation

Prepared by:
Tetra Tech, Inc.

November 2022

Revision: 1



Michael Martin, P.G.
Regional Manager



Amy McGivney
Project Manager

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ACRONYMS AND ABBREVIATIONS

AST	aboveground storage tank
bgs	below ground surface
CaCO ₃	calcium carbonate
CCl ₄	carbon tetrachloride
cDCE	cis-1,2-dichloroethene
COC	chemical of concern
DO	dissolved oxygen
DOC	dissolved organic carbon
DRO	diesel-range organics
EESH	energy, environment, safety, and health
EGIS	environmental geographic information system
FS	feasibility study
GIS	geographic information system
GRA	general response action
GRO	gasoline-range organics
GSP	Greater Strawberry Point
HASP	health and safety plan
IDW	investigation-derived waste
Lockheed Martin	Lockheed Martin Corporation
LTM	long-term monitoring
MAA	Maryland Aviation Administration
MDANG	Maryland Air National Guard
MDE	Maryland Department of the Environment
MDOT	Maryland Department of Transportation
MES	Maryland Environmental Service
mg/L	milligrams per liter

MHSWMA	Maryland Hazardous and Solid Waste Management Administration
MNA	monitored natural attenuation
MRC	Middle River Complex
MSA	Martin State Airport
msl	mean sea level
mV	millivolts
NAVD88	North American Vertical Datum 1988
NPDES	National Pollutant Discharge Elimination System
NTU	nephelometric turbidity unit
ORP	oxidation-reduction potential
PDF	portable document format
PM	project manager
PPE	personal protective equipment
PRG	preliminary remediation goal
QA/QC	quality assurance/quality control
RAO	remedial action objective
REC	recognized environmental condition
RI	remedial investigation
SP	Strawberry Point
TB	trip blank
TCE	trichloroethene
TCLP	toxicity characteristic leaching procedure
TDS	total dissolved solids
TPH	total petroleum hydrocarbons
USDOT	United States Department of Transportation
USEPA	United States Environmental Protection Agency
UST	underground storage tank
VOC	volatile organic compound

µg/L

micrograms per liter

SECTION 1 INTRODUCTION

On behalf of Lockheed Martin Corporation (Lockheed Martin), Tetra Tech, Inc., (Tetra Tech) has prepared this report to document the results of the April 2022 long-term groundwater monitoring event at the Greater Strawberry Point (GSP) area of Martin State Airport (MSA), formerly known as Glenn L. Martin Airport, in Baltimore County, Maryland. The Greater Strawberry Point study area, comprising approximately 75 acres, is defined as the area extending from the southern end of the peninsula to its northern end and Taxiway J, and extending eastward from the shoreline of Stansbury Creek to Taxiway F. Figure 1-1 depicts the location of Greater Strawberry Point.

Previous environmental investigations have identified impacts to surface and subsurface media, including soil and groundwater, from hazardous materials that were potentially placed or spilled during historical uses by Lockheed Martin Corporation predecessors (i.e., Glenn L. Martin Co. and Martin Marietta Corporation). Per the Feasibility Study (Tetra Tech, 2018) and the Proposed Plan (Tetra Tech, 2019), a remedial action has been selected to address groundwater impacts. The selected remedy was Alternative G-2, which includes monitored natural attenuation (MNA) of impacted groundwater and land use controls. In 2020 through 2021, the baseline monitoring program for the long-term monitoring (LTM) plan was completed. This report was developed to document monitoring results for 2022, and to document the performance of the recommended remedial action (i.e., natural attenuation). Eighteen monitoring wells were sampled and analyzed in April 2022 in accordance with the *Greater Strawberry Point Area Long-Term Monitored Natural Attenuation Characterization Work Plan* (“work plan”; Tetra Tech, 2021c). Synoptic groundwater level measurements were also collected. Information regarding investigation derived waste (IDW) characterization and disposal are also included herein.

The objective of this groundwater sampling is to collect long-term contaminant and geochemical data for the evaluation of the progress of monitored natural attenuation at Greater Strawberry Point. This objective will be achieved by:

-
- providing synoptic groundwater levels for 40 existing monitoring wells located within the Greater Strawberry Point area
 - providing a current round of annual groundwater data to satisfy the monitored natural attenuation remedy being implemented for Greater Strawberry Point groundwater, and to facilitate remedy performance monitoring and evaluation
 - collecting groundwater samples from 18 Greater Strawberry Point monitoring wells using low-flow methods
 - submitting groundwater samples for laboratory analysis of chemicals of concern and natural attenuation parameters
 - validating, evaluating, and reporting laboratory data results obtained from samples collected during groundwater monitoring
 - collecting, storing, and characterizing investigation derived waste, and disposing of that waste at an offsite, Lockheed Martin Corporation-approved, treatment or disposal facility

Collected groundwater samples were chemically analyzed for volatile organic compounds (VOCs), total and dissolved metals, total petroleum hydrocarbons (TPH)-diesel-range organics (DRO) and gasoline-range organics (GRO), methane/ethane/ethene, and alkalinity. This report is organized as follows:

Section 2—Site Background: Briefly describes the site history, conditions, and previous investigations. Current site conditions in relationship to historical structures are also described in this section.

Section 3—Sampling Approach and Methodology: Presents the technical approach and field methodologies used to evaluate groundwater within the study area.

Section 4—Results: Presents the groundwater sampling results, and interprets data obtained.

Section 5—Summary: Summarizes the investigation findings.

Section 6—References: Cites references used to compile this report.

SECTION 2 SITE BACKGROUND

This section presents the site description and background, including site history, and summarizes the results of the baseline sampling at the Greater Strawberry Point (GSP) area.

2.1 LOCATION AND HISTORY

The location and history of the GSP area are discussed below.

2.1.1 Martin State Airport

Martin State Airport (MSA) is in eastern Baltimore County, Maryland, on the peninsula between Frog Mortar Creek and Stansbury Creek; both creeks are tributaries of Middle River. Eastern Boulevard (Route 150) bounds the MSA to the north and the Lockheed Martin Corporation (Lockheed Martin) Middle River Complex (MRC) borders MSA to the northwest. Figure 2-1 shows the location of Greater Strawberry Point (GSP). MSA is a regional airport, and is home to private and corporate aircraft, a flight training school, and the Maryland Air National Guard (MDANG). MDANG occupies the northeastern corner of the airport property.

The MSA Main Terminal facility (west of the MDANG facility and north of GSP) is at 701 Wilson Point Road, Middle River, Maryland. The current MSA property (approximately 775 acres) was part of the Glenn L. Martin Company's approximately 1,260-acre property, which included what is now the MRC. A search of Maryland land records and deeds indicates that the Glenn L. Martin Company purchased six parcels of land (identified as 701 Wilson Point Road) from private landowners during the spring and summer of 1929. During the 1940s and 1950s, nine additional parcels at this location were acquired from private landowners. The Glenn L. Martin Company and American-Marietta Corporation merged to become Martin Marietta Corporation in 1961. In 1969, Martin Marietta Corporation transferred the properties to Chesapeake Park, Inc., a subsidiary of Martin Marietta Corporation. A portion of the property (that is now the MSA property) was subsequently transferred to the State of Maryland in 1975.

Aerial photographs indicate that many of the original MSA Main Terminal facilities (three runways, Hangars 1 through 6, and the administration building) were developed between 1939 and 1941 (Tetra Tech, 2008). When the property was transferred to the State of Maryland in 1975, the Maryland Aviation Administration (MAA) assumed operation and management of MSA; it now operates MSA and the Main Terminal. The main entrance is at the Main Terminal facility on Wilson Point Road. Figure 2-1 shows the location of the MSA Main Terminal facility.

2.1.2 Strawberry Point and Greater Strawberry Point Areas

Strawberry Point (SP) is within the confines of the MSA at the southern tip of the peninsula, between the confluence of Stansbury and Frog Mortar Creeks. SP can be accessed from Wilson Point Road via a secured unmanned gate on Strawberry Point Road. The wooded area (approximately 25 acres) at the southern end of the SP peninsula (“SP wooded area”) was previously investigated (Tetra Tech, 2008; 2009; 2012); it is bounded by earthen berms near the water line, and thick brush and trees cover the entire area. Much of the SP wooded area was filled during the 1940s, reportedly by sediment dredged from Stansbury and Frog Mortar Creeks. A locked gate controls the entrance to the SP wooded area.

GSP is a cleared and partially developed 75-acre site comprised of a former seaplane ramp, hangars, a fuel tank farm, a police building, and maintenance buildings. It extends from the southern end of the peninsula to Taxiway J, and eastward from Stansbury Creek to Taxiway F. The airport runway is northeast of GSP. An additional wooded area is located at the western end of GSP, south of Taxiway J.

The United States Navy leased GSP from the Glenn L. Martin Company between December 1943 and December 1963. During Navy occupancy, a large hangar was used for seaplane maintenance, launching, and recovery operations. The former hangar and surrounding GSP area were known as Naval Weapons Industrial Reserve Plant No. 148. The United States Air Force subsequently occupied the facility (Permit No.1-N-MD-714) from December 1963 until 1967.

The southern portion of the GSP site near the SP wooded area contained 10 buildings during Navy and Air Force use. As shown on Figure 2-2, these included the beach house (Building No. 3), the pumping station (Building No. 4), the chlorination station (Building No. 5), two power-fence

service houses (Building Nos. 6 and 9), a solvent storage building (Building No. 7), an equipment storage building (Building No. 8), a power-fence switch-house (Building No. 10), the delivery hangar (Building ND/No. 11), and a general storage building (Building No. 12). A tank farm containing aboveground storage tanks (ASTs) for aircraft fuels was formerly adjacent to the SP wooded area, near the southernmost tip of the developed area. Figure 2-2 is an index map showing current and historical building numbers, and green areas identified as recognized environmental conditions (RECs), each assigned a unique number. Each REC was identified during historical research as having separate historical activities that possibly impacted the environment within the area. Ten of the RECs are contiguous, but the eleventh REC is separated from the others by an undeveloped wooded area. The ten buildings described above are located at RECs #2 through #6.

From the 1940s to the 1960s, the northern portion of GSP was developed with several improvements related to naval weapons research. As shown on Figure 2-3, these structures included the induction test building (Building No. 13), the control house (Building No. 14), the noise suppression building (Building No. 15), the jet test shed (Building No. 16), a storage building (Building No. 17), the propulsion test building (Building No. 22), the compressor shed (Building No. 23), and the engine test building (Building No. 24). A vibration/slosh-test building occupied what is now an onsite mounded area. A missile testing area along the road northwest of the propulsion test building included the hyper-therm test facility (Building No. 25), the propellant storage shed (Building No. 18), the furnace building (Building No. 19), the acetylene storage shed (Building No. 20), the Vanguard tower (Building No. 21), the block house (Building No. 26), and three coupon test sheds (Building No. 27, No. 28, and No. 29). This area is associated with RECs #7 through #10.

Several buildings dedicated to nuclear research and testing were constructed between 1957 and 1965 and are included in the REC #11 area. These facilities were farther northwest, along a former dirt road at the northern end of the GSP wooded area. There were three main research buildings designated as the critical test building (Building No. 36/Building KC), the radioisotope lab (Building No. 35/Building KJ), and the liquid-metal test facility (Building No. 34/Building KQ), along with several sheds. Around 2000, these buildings were demolished, a small taxiing extension was added from Taxiway J to the southwest, and two large corporate aircraft hangars and

associated aprons were constructed: the Lockheed Martin corporate hangar and a second hangar now owned by Northrop Grumman. Figure 2-3 shows the location of these facilities.

Historical records (Tetra Tech, 2008) indicate that two underground storage tanks (USTs) were installed when the Navy and Air Force used facilities in the southern portion of GSP. A 10,000-gallon heating-oil UST was adjacent to the delivery hangar (Building No. 11), and stored fuel for the hangar's heating system (Figure 2-2). This UST was closed in place in 1987 by the State of Maryland (subsequent to Navy and Air Force occupancy), when the hangar's heating system was converted from fuel-oil to natural gas. Both the lease and permit held by the Air Force expired on November 30, 1967. On June 30, 1975, MSA was transferred to Maryland Department of Transportation (MDOT). The State of Maryland currently uses GSP to house and maintain police and medevac helicopters. The southern portion of GSP is occupied by the Baltimore County Marine Police.

Eleven USTs have been removed from the Main Terminal and GSP since 1983, and no evidence of leakage was reported. The large hangar designated Building No. 11 was demolished in 1989. Two adjacent hangars that currently house the Maryland State Police were constructed near the former hangar in 1989 and 1990. A tank farm consisting of 12 ASTs (for jet fuel, fuel oil, and gasoline), a pump house, and other ancillary buildings used by the airport are currently within GSP. As many as six ASTs at the tank farm are used by other tenants. Oil spills were reported in 1989 and 1990 during construction of the new hangar, when fuel-oil returns and receiving lines to two 12,000-gallon ASTs in the tank farm were severed. No additional information regarding these spills has been found in Maryland Department of the Environment (MDE) records.

2.2 PHYSICAL FEATURES

2.2.1 Land Use

MSA is generally characterized as a moderately developed tract in a largely suburban, moderate density, populated setting. Land use surrounding MSA is, to a significant degree, a combination of mixed suburban, industrial, and light-to-moderate commercially developed and woodland tracts. MSA is bordered on the north by Eastern Boulevard (Maryland Route 150) and Amtrak railroad tracks. Undeveloped woodland tracts and low-density residential properties are north of

MSA and the Amtrak line. The eastern, southern, and western boundaries of MSA are bordered by Frog Mortar and Stansbury Creeks; these creeks are wide, brackish, tidal tributaries of the Chesapeake Bay. The Lockheed Martin MRC is along the northwestern boundary of MSA. Low- to medium-density residential land use and light commercial land use (e.g., shopping centers, convenience stores, restaurants, etc.) are beyond the creeks north, east, and west of MSA, including Wilson Point, which is the nearest neighboring community to GSP. Farther east and west of MSA are the high-density residential communities of Bengies Corner and Hawthorne Park.

2.2.2 Current Site Conditions and Operations

Currently, GSP includes the southern SP wooded peninsula, an airport maintenance area, hangars, a fuel storage tank farm, a northern wooded area east of Strawberry Point Road, the southern terminus of the MSA runway, and associated taxiway aprons. GSP is part of the larger MSA property owned by the State of Maryland. The Maryland State Police operates a large hangar used for light aircraft and helicopters near the southern end of MSA and east of the SP wooded peninsula. This hangar was constructed in 1989 near the former delivery hangar (Building No. 11) that was demolished at that time. Farther south, a small building (Building No. 003) near Frog Mortar Creek is occupied by the Baltimore County Marine Police.

The MSA maintenance area (REC #7) is approximately 700 feet northwest of the police hangar. Buildings currently in use in the maintenance area include a salt dome (Building No. 049), a sand dome (Building No. 050), and a maintenance building (Building No. 022). These structures were constructed in the early 1990s. Immediately north of REC #11 are the Lockheed Martin hangar (Building No. 051) and the Northrop Grumman hangar (Building No. 052), which was constructed around 2000 (see Figure 2-2).

Currently, REC #11 contains no structures east of the Lockheed Martin hangar, except for the stormwater detention basin and associated stormwater drainage systems. Former Buildings KC, KJ, and KQ were demolished in 2000 so that Taxiway J and the corporate hangars could be constructed. A stormwater detention basin that supports tall wetlands vegetation (most are greater than four feet in height) was constructed at that time. South of the detention basin is a stream channel that intermittently drains the REC #11 area and detention basin overflow to Stansbury

Creek. A large earthen berm, nearly 20 feet wide and five feet tall, is between the drainage basin and stream channel.

REC #11 is bounded to the north by Taxiway J, to the east by Taxiway F, to the west by Strawberry Point Road, and to the south by a wooded area extending south to REC #10 and the former Vanguard area. A flat grassy area lies north of REC #11 beyond Taxiway J and between the leased hangars and Taxiway F. The Lockheed Martin corporate hangar is northwest of REC #11 at the western end of Taxiway J. The Black and Decker hangar is immediately northwest of the Lockheed Martin hangar. A grassy median and the main MSA runway are east of REC #11 and beyond Taxiway F. Aircraft traffic occurs daily on Taxiway F, and planes regularly taxi to and from the corporate hangar area across Taxiway J.

2.2.3 Climate

The climate at MSA is characterized as humid temperate, with hot, humid summers and relatively mild winters. The Middle River, Maryland area receives an average of 42 inches of precipitation annually, distributed evenly throughout the entire year. Rainfall occurs normally in spring, summer, and fall in the form of showers and thunderstorms. During winter, precipitation is in the form of light to heavy rain or snow. Tropical storms in late summer and fall, and occluded, meso-scale frontal systems (i.e., coastal low-pressure systems) occasionally provide short-term, above-average precipitation to the area.

2.2.4 Physiography

MSA is in the western shore of the Coastal Plain physiographic province. The Coastal Plain comprises sediments composed of alluvium from the Pleistocene Epoch and the Potomac Group from the Cretaceous Period. Coastal Plain sediments begin at the Fall Line and follow a regional dip to the southeast at approximately 110 feet per mile (Hansen and Edwards, 1986). The Fall Line is the division between the Piedmont and Atlantic Coastal physiographic provinces and refers to an imaginary line connecting waterfalls or changes in stream flow between the hard-rock upland areas of the Piedmont and the soft-sediment lowland areas of the Coastal Plain. The Coastal Plain is generally characterized by low topographic relief. However, steep embankments and hills are found along stream channels, rivers, and the Chesapeake Bay.

2.2.5 Topography

Most of the land surface at MSA is generally flat to gently sloping in the areas of the airport runway, taxiways, and surrounding support operations. The airport runway forms a northwest to southeast-trending topographic ridge or drainage divide that gently slopes from the northwestern to the southeastern end. Runway elevations range from slightly over 20 feet above mean sea level (msl) at the northern end of the runway to slightly over 10 feet above msl at the southern end. The land also slopes northeastward and southwestward, away from the runway toward Frog Mortar Creek and Stansbury Creek.

GSP is southwest and south of the MSA runways. Site topography ranges from flat to gently sloping to the southwest toward Stansbury Creek. In the northern portion of GSP, land elevations range from approximately 11 feet above msl near the runway to nearly mean sea level along the Stansbury Creek shoreline. A manmade drainage-channel and stormwater-detention basin are along the northwestern edge of the GSP wooded area, between the current Lockheed Martin corporate hangar and the current tree line. Localized topography along Taxiway J and the paved areas adjacent to the corporate hangar is sloped toward these features, and surface water drainage follows a southerly slope toward Stansbury Creek.

2.2.6 Surface Water Hydrology

Stansbury Creek is the nearest permanent surface-water body to REC #11 and is approximately 800 feet south-southwest of the corporate hangars. Stansbury Creek is a wide, brackish, tidal tributary of the middle Chesapeake Bay. Surface water runoff from Taxiways F and J enters Stansbury Creek via localized drainage channels and storm sewers.

The GSP area has been historically documented as having poor surface/soil drainage. The 1989 preliminary assessment report for Martin State Airport states that the former nuclear buildings are in the Lenoir-Urban land complex, a soil type that is somewhat poorly drained and has low permeability (Maryland Hazardous and Solid Waste Management Administration [MHSWMA], 1989). The former shoreline of Stansbury Creek extended more than 1500 feet north of its present location, passing along what is now the western side of the Northrop Grumman hangar into a wet grassy area that has never been developed. The former northern reach of the creek was partially

filled in 1941; its current shoreline was filled in around 1945. Natural drainage patterns near the former creek bed about 600 feet west of the former Buildings KC and KJ make the entire area vulnerable to wet soil conditions.

A drainage channel along the northern tree line of the GSP wooded area receives surface water drainage from the wooded area (Figure 2-3). This channel directs flow southerly to a stormwater culvert that passes beneath Strawberry Point Road to Stansbury Creek. This area south of Strawberry Point Road and adjacent to Stansbury Creek has become the subject of recent groundwater investigations, after VOCs were detected in a monitoring well (GSP-MW-28) that was constructed as a sentinel well in this area close to Stansbury Creek to monitor possible migration of groundwater to surface water. A stormwater-detention basin is west of the GSP drainage channel; it spans the northern border of the GSP wooded area from Taxiway F to the truck canopy and deluge tank south of the corporate hangar.

Stormwater enters the detention basin via three storm-drain inlets that convey runoff from the developed areas west of Taxiway J (Figure 2-3). Two storm drains pass below Taxiway J and enter the basin near the location of former Buildings KC and KJ. Stormwater entering the basin from these two inlets originates primarily from the grassy area between the runway and Taxiway F and from the Main Terminal southeast of REC #11. The third stormwater inlet enters the drainage basin near the northeastern corner of the existing corporate hangar. Stormwater entering the basin at this inlet originates from storm drains in the concrete apron north and east of the corporate hangar. The detention basin contains tall grass, and the soil in the basin usually remains wet.

Drainage from the northern GSP stormwater-detention basin flows southwest, where it joins flow from the stormwater culvert crossing beneath Strawberry Point Road. It then appears to drain to the wetlands connected to Stansbury Creek. This localized drainage system appears to have been constructed around 2000 when the Lockheed Martin corporate hangar was built and does not include the two stormwater outfalls (Outfalls 007 and 012) in Stansbury Creek that are managed under the MSA National Pollutant Discharge Elimination System (NPDES) permit. Although the drainage-detention basin at REC #11 is closer to Outfalls 007 and 012 (Figure 2-3), the MSA Stormwater Pollution Prevention Plan (Maryland Environmental Service [MES], 2010) reports that it is part of the Outfall 006 drainage area (Figure 2-2).

Outfall 006 also receives drainage from airport vehicle/equipment maintenance and de-icing operations; chemical waste storage areas; taxiway and runway access; parking, maintenance, and auto-shop areas; a fuel farm; private tenant hangars; and storage piles of soil, asphalt millings, and gravel. In addition, the approximately 85-acre drainage area includes pervious grassy surfaces along Strawberry Point Road and between parking areas and dense tree zones. Impervious portions of Strawberry Point Road, taxiways, hangar and maintenance buildings, and aircraft and vehicle parking areas also discharge to Outfall 006. Monitoring for Outfall 006 is at the exit of an existing storm-drain system discharging into Stansbury Creek.

2.2.7 Regional Geologic and Hydrogeologic Conditions

MSA is in the western shore of the Coastal Plain physiographic province. Regional and local studies (Vroblesky and Fleck, 1991; Chapelle, 1985) indicate that MSA lies on the Patapsco Formation. This formation consists of complex and interbedded mixtures of gray, brown, and red sands, silts, and clays originating from sediment deposition in a low coastal plain traversed by low-gradient meandering streams. Below the Patapsco Formation is a regionally extensive, thick, clay confining-unit known as the Arundel Formation. It is a massive and probably impermeable unit that underlies MSA and the surrounding area. The base of the Arundel Formation, which sits atop the deeper Patuxent Formation, is approximately 225 feet below msl near Martin State Airport and may range from 235 to 255 feet below grade at GSP. The Arundel formation may be as much as 150 feet thick in this area.

Regional groundwater flow, particularly in intermediate to deep wells across the GSP area is generally to the south, toward Stansbury Creek, although, radial flow patterns have been modeled in the shallow aquifer zone during previous studies at MSA. A central groundwater flow divide was reported in the uplands area located near the airport runway and north of GSP. North and east of this divide, groundwater flows toward Frog Mortar Creek; south and west of the divide, groundwater flows toward Stansbury Creek.

2.2.8 Vicinity Subsurface Conditions

Subsurface conditions at MSA have been studied since at least 1987 (MHSWMA, 1989). Detailed studies of subsurface conditions are ongoing, and extensive data are available for the Dump Road

Area and eastern portion of MSA. Subsurface data have been collected at GSP and the western and southern portions of MSA during investigations completed from 2009 through 2021 (see Section 2.3). Numerous shallow soil borings at GSP have been advanced to depths of up to 40 feet below ground surface (bgs) to collect soil samples for subsurface lithologic information and soil and groundwater samples for chemical analyses. Subsurface conditions in the REC #11 area of GSP are summarized below.

2.2.8.1 Geology

Lithology encountered in the soil borings advanced across SP and GSP varies. At RECs in the southern portion of GSP, intermittent sand and clay layers predominate the relatively shallow subsurface (up to 25 feet bgs) and are often associated with varying amounts of silt. This lithology overlays a thick northwesterly dipping layer of stiff clay that is encountered at depths ranging from approximately six feet below grade in the southeast to 25 feet bgs in the west. The clay layer may be contiguous with the shallow dipping clay in the southern portion of GSP. The lithology of REC #11 soil is comprised of sand, clay, and occasional silt layers that vary in thickness and frequency. A layer of dense intermingled sand, silt, and clay lenses below these materials is encountered at depths ranging from about 15 to 30 feet bgs.

2.2.8.2 Hydrogeology

The surficial aquifer has been divided into upper, intermediate, and lower surficial aquifer zones for study. The upper surficial aquifer is defined as the portion of the aquifer from the ground surface to an elevation of approximately 15 feet below msl. Generally, the upper surficial aquifer occurs in the uppermost 10 to 20 feet below grade, and the lithology is comprised mostly of fill in the upper ten feet, and native soils beneath the fill materials. The intermediate surficial aquifer is generally defined as 15-45 feet below msl. The lower surficial aquifer zone is approximately 45 to 73 feet below msl, and overlies at least several feet of stiff, dense clay.

Groundwater depths (as measured from the top of the well casings) at RECs #7 through #10 vary widely and range from at or near the ground surface to around 8 feet bgs; corresponding groundwater elevations range from about 3 to 10 feet North American Vertical Datum 1988 (NAVD88). Groundwater depths (as measured from the top of the well casings) in REC #11 range from approximately 3.5 feet to 10 feet, while corresponding groundwater elevations ranged from

approximately 1.5 feet to 4 feet relative to North American Vertical Datum 1988 (NAVD88). At GSP, groundwater flow is generally to the southeast, and is consistent with regional groundwater flow that flows toward the southeastern tip of MSA where Frog Mortar and Stansbury Creeks converge. Localized groundwater flow at REC #11 is influenced by the drainage swale and stormwater detention basins between the wooded area and Taxiway J; groundwater there flows southwest to a wetland adjoining Stansbury Creek.

2.3 SUMMARY OF PREVIOUS INVESTIGATIONS

Strawberry Point and Greater Strawberry Point have been the subject of ongoing investigations from 2007 to the present. These investigations were used to prepare a feasibility study and a proposed plan. The investigations and their results are described in the following reports:

- *Historical Data Review for Strawberry Point Facility, Martin State Airport: Middle River, Maryland* (Tetra Tech, 2008)
- *Phase II Site Investigation Report, Greater Strawberry Point, Martin State Airport: Middle River, Maryland* (Tetra Tech, 2010)
- *Additional Phase II Investigation Site Investigation Report: Middle River, Maryland* (Tetra Tech, 2012)
- *Supplemental Soil and Groundwater Characterization Report, Greater Strawberry Point, Martin State Airport: Middle River, Maryland* (Tetra Tech, 2013)
- *Greater Strawberry Point Area Supplemental Soil and Groundwater Characterization Report, Martin State Airport: Middle River, Maryland* (Tetra Tech, 2015a)
- *Preliminary Investigation Report for Greater Strawberry Point Former Buildings KC, KJ and KQ Area, Martin State Airport: Middle River, Maryland* (Tetra Tech, 2015b)
- *Technical Memorandum Addendum to the Greater Strawberry Point Supplemental Soil and Groundwater Characterization Report: Soil-Vapor Sampling Summary Report, Greater Strawberry Point* (Tetra Tech, 2015c)
- *Greater Strawberry Point Area Design Characterization Report, Martin State Airport: Middle River, Maryland* (Tetra Tech, 2017)
- *Greater Strawberry Point Feasibility Study, Martin State Airport: Middle River, Maryland* (Tetra Tech, 2018).

Additional sampling activities were completed after the feasibility study (FS) in support of the recommended remedy. These activities are described in:

- *Greater Strawberry Point Area Monitored Natural Attenuation Baseline Characterization Report (Revision 1), Martin State Airport, 701 Wilson Point Road, Middle River, Maryland* (Tetra Tech, 2021a).
- *Greater Strawberry Point Trichloroethene (TCE) Characterization Work Plan, Martin State Airport, 701 Wilson Point Road, Middle River, Maryland* (Tetra Tech, 2022a). (Investigation planned for completion, summer 2022.)
- *Greater Strawberry Point Monitoring Well GSP-MW-28 Area Investigation Report, Martin State Airport, 701 Wilson Point Road, Middle River, Maryland* (Tetra Tech, 2021b).

Details of previous GSP investigations are summarized in the work plan (Tetra Tech, 2021c), and are therefore not repeated herein. Based on risk assessment results and calculation of human health risks (presented in the feasibility study [FS] for GSP [Tetra Tech, 2018]), several contaminants were present in GSP soil and groundwater at concentrations posing potentially unacceptable risk to construction workers and hypothetical residents.

Remedial action objectives (RAOs) are developed for the chemicals of concern (COC) exceeding regulatory criteria and associated with unacceptable risk in each environmental media. For GSP, RAOs were developed for impacted groundwater and to prevent future residential exposure to site soil. RAOs are the medium-specific goals established in the FS to protect human health and the environment. They specify the chemicals of concern (COC), potential exposure routes and receptors, and regulatorily acceptable concentrations (i.e., cleanup goals) for the site. Preliminary Remediation Goals (PRGs) were developed as part of the RAOs to establish target groundwater-cleanup goals and to mitigate unacceptable risks to human health and the environment. Remedying elevated trichloroethene (TCE) concentrations in groundwater at GSP required consideration of various remedial technologies and detailed evaluation of remedial alternatives. The FS included an evaluation of remedial alternatives and the selection of a preferred remedial alternative, Alternative G-2, which includes monitored natural attenuation (MNA) of impacted groundwater and land use controls (Tetra Tech, 2018).

2.4 SUMMARY OF BASELINE RESULTS

Twenty-three downgradient and “plume” area monitoring wells were sampled during the baseline program (Tetra Tech, 2021a). The analytes varied from well to well based on the chemicals of concern (COC) that were present. Analytes included total petroleum hydrocarbons (TPH), volatile organic compounds (VOCs), metals, and natural attenuation parameters including alkalinity, ammonia, chloride, dissolved organic carbon, nitrate, nitrite, orthophosphate, sulfate, and total dissolved solids. Field measurements, including pH, oxidation-reduction potential (ORP), dissolved oxygen (DO), and ferrous iron (at some wells), were also included.

COC are REC-specific, and include TPH, VOCs, and/or metals. TCE, cis-1,2-dichloroethene (cDCE), and vinyl chloride are the only COC in the full VOC suite. Most of the natural attenuation parameters are related to the evaluation of anaerobic biological dechlorination of TCE. Nitrite and nitrate are consumed by anaerobic microorganisms, so the reduction in concentrations of nitrite and nitrate within a plume are indications of anaerobic activity. Similarly, sulfate is consumed by anaerobic microorganisms, so reductions of concentrations of sulfate within a plume are indications of anaerobic activity. Ferric iron is reduced by anaerobic microorganisms, so increases in plume concentrations of ferrous iron are an indication of anaerobic activity. A carbon source is necessary for the reductive dechlorination microorganisms, so dissolved organic carbon is measured.

Dissolved oxygen concentrations that are greater than 1 milligram per liter (mg/L) suggest conditions suitable for aerobic biological activity, while DO concentrations less than 0.5 mg/L suggest conditions suitable for anaerobic biological activity. Positive ORP values indicate oxidizing conditions which are favorable for aerobic activity, and negative ORP values indicate reducing conditions which are favorable for anaerobic activity.

Where TCE and other chlorinated organic compounds are completely degraded, chloride remains, and in the case of high initial contamination concentrations, the presence of chloride may be an indication of biological degradation. However, due to the proximity of Chesapeake Bay, brackish water may contribute to the chloride concentration in the groundwater.

Alkalinity provides an indication of biological activity as both aerobic and anaerobic biological processes lead to an increase in alkalinity. Therefore, high alkalinity values within a plume may indicate biological activity. The pH of the groundwater affects biological processes and both aerobic and anaerobic processes favor the neutral range. Some anaerobic microorganisms create acidic conditions which can eventually slow down the biological processes. Total dissolved solids (TDS) provide an indication of the general environment for biological activity. The low TDS values commonly found in fresh water favor biological activity.

Nitrogen and phosphorous are part of the composition of microorganisms. The presence of measurable amounts of ammonia and orthophosphate can enhance the rate of increase of the microorganism population.

The following sections summarize the evaluation of the baseline results for each REC or group of RECs; a table summarizing these results is included as Appendix A. Sampling events were conducted in August 2020, November 2020, February 2021, and May 2021. Across all of the RECs, the ammonia, nitrate, nitrite, and phosphorous results were generally either below detection limits or at low estimated concentrations such that future analyses for these constituents is not required. Similarly, chloride (with one exception discussed further below), sulfate, and total dissolved solids concentrations fell within normal ranges, and further analysis of these constituents is not required. Wells to be sampled and analytes for long-term monitoring (LTM) at each REC or group of RECs is provided below. The wells and respective COC to be analyzed at each well are also summarized in a table within Section 3. For simplification, the prefix “GSP” has been omitted from monitoring well IDs in subsequent sections.

2.4.1 REC #11

At REC #11; the former critical test building (KC), former radioisotope lab, and former transformer pad, TPH–gasoline-range organics (GRO) and TPH- diesel-range organics (DRO) are the primary COC but were detected at concentrations only above residential preliminary remediation goal (PRG). During prior groundwater characterization activities, the highest TCE concentration was 12 micrograms per liter ($\mu\text{g/L}$) which was less than the construction worker PRG (320 $\mu\text{g/L}$) but more than two times greater than the residential PRG (5 $\mu\text{g/L}$). TPH was detected in MW-20 only; the other results were less than the detection limit. Dissolved organic

carbon (DOC) indicates organic material is in site wells, and DOC results suggest degradation of other organic compounds (e.g., TPH). Methane concentrations in MW-20, MW-24I, MW-27, and MW-29 suggest anaerobic activity is occurring. Low concentrations of ethane and ethene in MW-27 and MW-29 are likely the degradation products of chlorinated compounds detected during the RI. The relatively high alkalinity in MW-27 (60 to 69 milligrams per liter [mg/L] as calcium carbonate [CaCO₃]) and MW-20 (30 to 220 mg/L as CaCO₃) suggests biological activity. The DO results are mixed, with a few wells having nondetect DO concentrations (0 mg/L) and a few greater than 1 mg/L. Similarly, the ORP results are mixed, with a few wells having negative values while others have positive values. Thus, both aerobic and anaerobic processes may be taking place in groundwater. Most pH values are less than 7, suggesting past anaerobic activity.

Based on these results, MW-04, MW-20, MW-27, and MW-29 were included in the LTM program, and were analyzed for TPH-DRO and field parameters (pH, DO, ORP, and specific conductance); in addition, MW-04 was also analyzed for VOCs. Unexpectedly high VOC concentrations were detected during all four baseline sampling rounds at monitoring well MW-28, a sentinel well located near Stansbury Creek, downgradient of RECs #10 and #11. TCE concentrations ranged from 22 µg/L to 29 µg/L, and carbon tetrachloride from 10 µg/L to 19 µg/L. This monitoring well is located more than 1,000 feet south of historically-defined REC boundaries. Therefore, the source of VOCs at MW-28 could not be readily attributed to previously-characterized VOC “plumes” in GSP groundwater. Rather, an investigation initiated in 2021 to better assess the source and/or extent of VOCs in MW-28 groundwater (Tetra Tech, 2021b) indicated that VOCs were likely emanating from an area upgradient of Strawberry Point Road at a location either at, or hydraulically downgradient from, REC #10 or REC #11. Further investigation is ongoing, and MW-28 was also included in this long-term monitoring plan to provide routine collection of data (VOCs) until the investigation has been completed.

2.4.2 REC #10

At REC #10; the former Coupon Test Shed and Block House, TPH-DRO is the primary COC. Concentrations were greater than the residential PRG (47 µg/L) during investigations prior to 2020 and were still greater than the residential PRG during baseline sampling events, although concentrations had decreased. TPH-DRO was less than the detection limit in the downgradient

well, MW-30, but the laboratory detection limit was greater than the groundwater criterion. However, the criterion conservatively assumes that all of the TPH is comprised of aromatics which are the most toxic components. Samples of groundwater collected from MW-5 and MW-6 during the FS were analyzed for VOCs and polycyclic aromatic hydrocarbons (PAHs). No aromatic VOCs were detected, and the range of total PAHs was 0.3 to 0.7 µg/L. Therefore, the composition of the TPH does not appear to have components that the criterion was based on. In addition, because the TPH is likely the result of a release many years ago, biodegradation would have occurred, and the remaining components would be expected to consist of low toxicity, long-chain hydrocarbons. These aspects of TPH will be discussed and evaluated further in later sections of this report.

The results from MW-30 are difficult to interpret because the pH was greater than 12 on the second event (see Appendix A), and was 14 during the last two rounds (third and fourth events, see Appendix A). During the first sampling event, the TPH concentration at MW-30 was below the detection limit and the ORP was highly negative, suggesting that anaerobic biological activity was occurring. The DO concentrations in wells MW-05 and MW-06 at REC #10 (except for one event) were 0 mg/L. The range of ORPs in wells MW-05 and MW-06 was 6 millivolts (mV) and 179 mV, respectively. MW-05 was the only well with an alkalinity analysis, and the result was 250 mg/L as CaCO₃. MW-05 was also the only well with a methane analysis, and the result was 120 µg/L. These results strongly suggest that anaerobic activity is occurring, particularly in the downgradient portions of the plume.

The cause of the high pH values in MW-30 in the last three rounds is not known. The well is in a remote location, and a release or spill of caustic material at this location is highly unlikely. One possibility for the high pH is the grout used to construct the well. If uncured grout entered the well screen, the high pH of the lime could raise the pH above 12.

Based on the baseline results, wells MW-05, MW-06, and MW-30 were included in the long-term monitoring program, and were analyzed for TPH-DRO, alkalinity, and field parameters (pH, DO, ORP, and specific conductance).

2.4.3 RECs #8 and #9

At RECs #8 and #9, TCE and TPH-gasoline-range organics (GRO) are the primary COC. REC #8 includes the former Induction Test, Engine Test, and Jet Test sheds, as well as a former storage building, former Propulsion Test and former Compressor Shed buildings. REC #9 includes the former Propellant Storage, former Acetylene Storage Shed, former Furnace Building, former Hyper-Therm Test facilities and former Vanguard Tower. The wells with the highest COC concentrations during past characterization efforts are located on a groundwater divide (MW-07 and MW-231), so the results were evaluated in both groundwater directions. The TCE concentrations in MW-07 were between 50 and 100 µg/L, and in MW-231 were approximately 100 µg/L, both of which are similar to past results. Concentrations of *cis*-1,2-dichloroethene (cDCE) in both wells were less than 5 µg/L during the baseline event. Concentrations of other organic compounds are low or below detection limits. DO concentrations in both wells were 0 mg/L (except for one result), and the ORPs were positive values. These results suggest that reductive dechlorination has occurred or could be occurring, but the low concentrations of an electron donor (i.e., the DOC results less than 4 mg/L) limits the process.

MW-13 and MW-31 were used to evaluate MNA in the southern direction. No TCE, cDCE, or TPH-GRO were detected in these wells. Methane was detected in samples from both wells, and trace concentrations of ethane and ethene were detected in MW-31. DO in both wells was 0 mg/L, and the ORP range was -50 mV to 81 mV. Alkalinity concentrations were 120 to 130 mg/L (as CaCO₃) at MW-13 and 36 (or less) mg/L (as CaCO₃) at MW-31. The ferrous iron concentration in MW-31 was 5.8 mg/L. These results strongly suggest that anaerobic reductive dechlorination has occurred.

The chloride concentrations in MW-13 (510 to 3,600 mg/L) and MW-31 (180 to 210 mg/L) were the highest values detected at GSP and were significantly higher than those detected in other wells. If these chloride concentrations are the result of TCE degradation, then TCE concentrations of a similar magnitude must have been present. Such concentrations of TCE or daughter products have not been observed here, so the chloride is likely from another source. MW-13 and MW-31 also have the highest sodium results (2,000,000 µg/L and 200,000 µg/L, respectively). At MW-13, the molar ratio of chloride to sodium is nearly 1:1, and at MW-31 it is approximately 1:2, which

strongly suggests a source such as rock salt. MW-31 is located to the west of the salt storage shed utilized by MSA operations.

Wells MW-32S, MW-32D, and MW-38 were used to evaluate MNA in the northern direction. In MW-32S, the TCE concentration was 420 to 780 µg/L and the cDCE concentration was 4.3 to 14 µg/L. Methane, ethane, and ethene were also detected. The DO concentration was 0 mg/L, but the ORP range was 216 to 310 mV. Alkalinity in MW-32S was less than 5 mg/L (as CaCO₃). These results are mixed, in that the presence of cDCE, methane, ethane, and ethene along with the DO of 0 mg/L suggest anaerobic activity, the positive ORP suggests conditions that are favorable to aerobic activity. The low alkalinity is not consistent with any type of biological activity.

In MW-32D, the TCE concentration was 12 to 16 µg/L, the cDCE concentration was 0.95 to 1.4 µg/L, and the carbon tetrachloride concentration was 6.5 µg/L. Methane, ethane, and ethene were also detected. The DO concentration was 0 mg/L, the ORP range was -281 to 3 mV, and the alkalinity varied from 58 to 160 mg/L (as CaCO₃). The pH (excluding the results from MW-30) ranged between 7.29 and 8.76, which is much higher than that observed in other wells, which were less than 7 and typically less than 6. These results suggest that anaerobic reductive dechlorination is occurring.

No COC were detected in MW-38 during baseline sampling. This could indicate either complete attenuation of COC or that the COC plume has not reached this well. As a result, MW-38 was not included in the LTM program.

Based on these results, MW-07, MW-13, MW-31, MW-23I, MW-32S, and MW-32D were included in the LTM program. Samples were analyzed for VOCs and field parameters (pH, DO, ORP, and specific conductance). Samples from MW-32S and MW-32D were also analyzed for alkalinity and methane/ethane/ethene.

2.4.4 RECs #4 through #6

COC at RECs #4 through #6 are metals. REC #4 includes the former Solvent Storage Area, REC #5 includes the former Transformer Pad, and REC #6 includes the former Hangar (Building ND) and former Storage Building. Natural attenuation of metals primarily occurs via physical processes such as precipitation, sorption, dispersion, and dilution. Well MW-33 is the most

upgradient well onsite, and based on groundwater flow directions, several groundwater paths from this well were considered (i.e., MW-33 to MW-35, then MW-36; MW-33 to MW-34; and MW-33 to MW-37, and MW-39). Concentrations of beryllium, nickel, thallium, and zinc were greater than residential PRGs in MW-33. The pH was less than 4, and the ORP range was 216 to 283 mV. The low pH favors solubilization of these metals. These metals occur primarily in one positive valence state, so the ORP does not have an effect on their solubility.

At MW-35, the concentrations of metals are less than the residential PRGs. Beryllium, nickel, and zinc concentrations have been reduced by an order of magnitude, and thallium was not detected. The pH range was 5 to 5.5, and this increase of nearly 1.5 pH units may have been sufficient to precipitate these metals out of solution. The ORP range was -13 to 181 mV, but the effect of this change on these cationic metals is uncertain. At MW-36, none of the four metals COC were detected. The pH range at MW-36 was 5.9 to 7, and the ORP range was -92 to -26 mV.

At MW-34, the concentrations of metals are less than the residential PRGs. Beryllium, nickel, and zinc concentrations have been reduced by an order of magnitude, and thallium was not detected. The pH range was 4.66 to 5.22, and this increase of 1 pH unit may have been sufficient to precipitate these metals. The ORP range was 40 to 180 mV, but the effect of this change on these cationic metals is uncertain.

MW-37 and MW-39 are close to the Frog Mortar Creek shoreline and groundwater levels within these wells are similar to each other. The specific conductance values at these two wells is an order of magnitude higher than the other REC #4 - #6 wells, indicating that these wells are affected by the surface water. The concentrations of nickel and zinc, and to a lesser extent, beryllium, are similar to the concentrations detected in MW-33. The pH is 4.8 to 5.8 in MW-37, and 5.57 to 6.63 in MW-39, and are slightly greater than the pH at MW-33. These results are significantly different from the other wells that are downgradient of MW-33 and suggest the presence of another source of metals near this well. Metals were not analyzed at MW-39. VOCs were measured, and no COC were detected at concentrations greater than residential PRGs.

Based on these results, wells MW-33, MW-34, MW-37, and MW-39 were included in the LTM program. Samples were analyzed for beryllium, nickel, thallium, zinc, and field parameters (pH,

DO, ORP, and specific conductance). Because of other metals observed during the RI, samples were also analyzed for cobalt, iron, manganese, and vanadium.

SECTION 3 SAMPLING APPROACH AND METHODOLOGY

The April 2022 long-term monitoring (LTM) round of groundwater sampling was performed to assess the effectiveness of the chosen remedial alternative for Greater Strawberry Point (GSP): Alternative G2 (monitored natural attenuation [MNA] and institutional controls). Samples were collected between April 25 and April 29, 2022 for chemical analyses so that geochemistry, degradation products, and progress of natural attenuation could be evaluated. The following site activities occurred:

- Measured groundwater levels in the full set of 40 existing GSP monitoring wells before the groundwater sampling event
- Collected groundwater samples from the monitoring wells listed on Table 3-1 using low-flow methods
- Measured water quality parameters in the field while performing low-flow purging of these wells
- Sent collected groundwater samples to the laboratory for the analyses listed on Table 3-1
- Collected, stored, and characterized investigation-derived waste (IDW), consisting of decontamination rinse water and purge water, and disposed of that waste at an offsite, Lockheed Martin Corporation-approved, treatment or disposal facility
- Collected used personal protective equipment (PPE) and disposed of it in a Martin State Airport (MSA)-approved facility trash receptacle

3.1 MOBILIZATION/DEMobilIZATION

Tetra Tech, Inc. (Tetra Tech) procured the required subcontractors and began mobilization in late April 2022. The Tetra Tech field operations leader coordinated mobilization and demobilization, including locating the appropriate equipment required for all field tasks, purchasing and leasing equipment as required, and staging equipment for efficient loading and transportation to the site. Mobilization and demobilization included the following tasks:

-
- Coordinating with Lockheed Martin Corporation (Lockheed Martin), Maryland Aviation Administration (MAA), and MSA facilities personnel
 - Implementing the site-specific health and safety plan (HASP)
 - Arranging an area for performing decontamination procedures
 - At the completion of field activities, demobilizing equipment and materials from the site
 - Performing general site cleanup and removal of trash
 - Managing IDW (see Section 3.2.6)

Before field operations began, appropriate Tetra Tech personnel became familiar with the site-specific HASP and the safe work permits included in the HASP. Each day before field events or new tasks, and when field conditions changed, Tetra Tech conducted a mandatory health and safety tailgate meeting. Documentation of pertinent topics and personnel in attendance were maintained by the Tetra Tech field operations leader. At the end of every field day, field vehicles and associated equipment were relocated away from airport operations to a secure location. Safety requirements are addressed in greater detail in the site-specific Tetra Tech HASP (Tetra Tech, 2021d).

Before starting field work, all required permits necessary to conduct the proposed field activities were secured. Tetra Tech performed the following site access tasks:

- Performed limited clearing of vegetation for well access, as required

Before starting work, arrangements were coordinated through MSA operations to gain access to the GSP work area through the unmanned gate on Strawberry Point Road. Tetra Tech used a radio to maintain communication with the MSA air traffic control tower regarding the daily field schedule during field activities, as directed by MSA.

3.2 FIELD METHODOLOGY

3.2.1 Monitoring Well Measurements and Groundwater Sampling

Prior to groundwater sampling, a complete round of depth-to-groundwater measurements (synoptic water levels) was performed at all available GSP wells (40 existing wells; see Figure 3-1) to provide information about groundwater flow characteristics. The static water level was

determined by lowering the meter probe into the well until the liquid level indicator emitted an audible tone, indicating the air/water interface. The water level was read from the probe cable and recorded to the nearest 0.01 foot as the depth to water. Water level measurements were recorded in the appropriate site-specific field logbook and on a groundwater-level-measurement field form; Appendix B contains the groundwater level measurement records for April 2022. The terminal depth of each well was also recorded during collection of the synoptic water level measurements. Groundwater samples were collected from 18 of these GSP monitoring wells after synoptic groundwater measurements were performed (Table 3-1).

Sampling for all wells was performed using low-flow methods, whereby water-quality parameters (pH, temperature, conductivity, oxidation-reduction potential [ORP], dissolved oxygen [DO], and turbidity) were monitored and recorded every five minutes or for each purge volume. Purging continued until parameters stabilized (when three consecutive readings were within ± 0.1 pH, $\pm 3\%$ for conductivity and temperature, ± 10 mV for ORP, and less than 50 nephelometric turbidity units [NTUs] for turbidity), or for a maximum of two hours, whichever occurred first. All purge water was collected in a United States Department of Transportation (USDOT)-approved 55-gallon steel drum and managed per Section 3.2.6.

Groundwater samples collected from the wells were analyzed by Eurofins-TestAmerica of North Canton, Ohio (a laboratory accredited in the State of Maryland) for one or more of the following parameters, as indicated on Table 3-1: volatile organic compounds (VOCs) by Method 8260, select dissolved and undissolved priority pollutant metals by Method 6010B including beryllium, nickel, thallium, zinc, cobalt, iron, manganese, and vanadium, total petroleum hydrocarbons–diesel range organic (TPH-DRO) by Method 8015D, and specific natural attenuation parameters. Each groundwater sample collected for dissolved metals analysis was filtered in the field using a dedicated, disposable, 0.45-micron filter and a peristaltic pump before preservation.

Duplicates were collected at a frequency of 1:10 samples, and one trip blank sample was collected per VOC cooler per day (and analyzed for VOCs via Method 8260C), for quality assurance/quality control (QA/QC) purposes. Matrix spike and matrix spike duplicate samples were also collected, on a 1:20 basis. All analyses were turned around by the laboratory within 21 calendar days.

Monitoring well locations are shown on Figure 3-1, and chemical analysis and sampling rationale for GSP groundwater monitoring wells are in Table 3-1.

3.2.2 Sample Nomenclature

Each groundwater sample bears a unique sample identification, consisting of the site location, medium sampled, and a six-digit sampling date, as follows:

- **Groundwater samples**—Monitoring well samples carry the prefix designation of GSP-MW (for GSP–monitoring well) followed by the well location number. The sample identifier ends with a six-digit number indicating the date of sample collection. For example, the groundwater sample collected on April 29, 2022, from the GSP monitoring well GSP-MW-39 was labeled GSP-MW-39-042922.
- **Trip blanks** were labeled with a TB prefix followed by a six-digit submittal date (e.g., TB-042922).

3.2.3 Documentation

A master site logbook was maintained and served as an overall record of field activities. Sample documentation consisted of completed chain of custody reports and matrix-specific sample log sheets. The chain of custody report is a standardized form summarizing and documenting pertinent sample information (e.g., sample identification and type, matrix, date, time of collection, preservation, and requested analysis). Sample custody procedures are designed to document sample acquisition and integrity.

3.2.4 General Sampling Procedures and Handling

Sample containers were released under signature from the laboratory and were accepted under signature by the samplers or individual responsible for maintaining custody until the sample containers were transferred to the sampling team. Each sample container was placed in a cooler with ice immediately after it was filled in the field. Trip blanks were placed in the coolers with the ice at the beginning of each day and remained in the cooler along with the VOC samples at all times. The individual releasing the transport container containing the samples signed the custody seal and documented the sampling date and time.

Sample handling includes field-related considerations concerning the selection of sample containers, preservatives, and allowable holding times appropriate for the analyses requested.

Proper custody procedures were followed throughout all phases of sample collection and handling. Chain of custody protocols were used throughout sample handling to establish the evidentiary integrity of sample containers. Transport containers returning to the laboratory were sealed with strapping tape and a tamper-evident custody seal. The custody seal bore the signature of the individual releasing the transport container, along with the date and time. These protocols demonstrate that the samples were handled and transferred in a manner that would eliminate or detect possible tampering.

3.2.5 Equipment Decontamination

A decontamination area and a clean zone were established at the perimeter of the restricted work zone to prepare and break down sampling equipment and to hold decontamination rinsate solution for subsequent disposal. Dedicated or disposable equipment was used whenever possible. Reusable equipment (e.g., water level meters) was decontaminated before and after each use.

Decontamination of reusable small equipment consisted of the following steps:

- Alconox and potable-water wash
- Potable-water rinse
- Analyte-free water rinse
- Air drying
- Collection of decontamination solutions for disposal.

3.2.6 Waste Management

Waste management procedures established in the Lockheed Martin-approved Waste Management Plan (Tetra Tech, 2022b) were followed when handling and managing waste generated during the investigation. All IDW (e.g., well-purge water, decontamination fluids, etc.) was collected in a new USDOT-approved 55-gallon steel drum. The drum was moved to a central staging area at GSP for chemical/physical characterization and proper disposal.

A sample of the IDW was collected and submitted for toxicity characteristic leaching procedure (TCLP) organic and inorganic analyses, corrosivity, ignitability, reactive sulfide, and reactive

cyanide. After TCLP analysis was complete and waste was determined to be non-hazardous, one 55-gallon drum of IDW was removed from the facility on May 13, 2022 by Clean Harbors Environmental Services, Inc. and properly disposed of in accordance with federal, state, and local regulations.

PPE was brushed off, placed in trash bags, and disposed of in a MSA-approved facility trash receptacle located on-site. Appendix C contains IDW documentation.

3.3 DATA MANAGEMENT

Data handling procedures followed by the laboratory met the requirements in the laboratory subcontract. All analytical and field data are maintained in the Tetra Tech project files. The project files contain copies of the chain of custody forms, sampling log forms, sampling location maps, laboratory reports, and documentation of quality assurance/quality control (QA/QC).

3.3.1 Data Tracking and Control

A cradle to grave sample tracking system was used throughout sampling. Before field mobilization, the field operations leader coordinated and initiated sample tracking. Sample labels were handwritten in the field or were preprinted before entering the field. Labels were reviewed for accuracy and for adherence to work plan requirements. The project manager (PM) coordinated sample delivery with the analytical laboratory to ensure that they were aware of the number and type of samples and analyses to be received. When field sampling was underway, the field operations leader forwarded the chain of custody forms to the PM/designee and the laboratory on each day of sampling. The PM/designee confirmed that the chain of custody forms provided the information required by the work plan. This data management system ensured early detection of errors so adjustments could be made while the field team was mobilized.

After successful completion of all requested analyses, the laboratory submitted an electronic deliverable for each sample delivery group. When all electronic deliverables were received from the laboratory, the PM/designee checked the deliverable to ensure that the laboratory had performed all requested analyses.

3.3.2 Sample Information

Data from field measurements were recorded using the appropriate log sheets (Appendix B). Reduction of field data entailed summarizing and presenting these data in tabular form. Reducing laboratory data entailed manipulating raw data instrument output into reportable results. Field data (e.g., temperature readings) were verified daily by the field operations leader. Laboratory data were verified by the group supervisor and then by the laboratory's quality control documentation department.

3.3.3 Project Data Compilation

The analytical laboratory generated analytical data packages using an Adobe *Acrobat*[®] portable document format (PDF) file, as well as electronic database deliverables. The electronic database was checked against the PDF file provided by the laboratory and updated as required, based on data-qualifier flags applied during data validation. Groundwater data were incorporated into the MSA environmental geographic information system (EGIS) database. All data, such as units of measure and chemical nomenclature, were reviewed and corrected (if necessary) to maintain consistency with the project database.

3.3.4 Geographical Information System

Data management systems now in use for MSA consist of a relational database and a geographic information system (GIS) used to manage environmental information. The relational database stores chemical, geological, hydrogeologic, and other environmental data collected during environmental investigations. The GIS is built from the relational database and contains subsets of the larger data pool. Using the GIS, environmental data can be posted on base mapping to provide a graphical representation of the information. Sample, chemical, and positional data from the April 2022 GSP sampling were compiled and incorporated into the MSA EGIS.

3.3.5 Data Review

Definitive data from this investigation consisted of chemical data for groundwater samples. Chemical data from the laboratory was entered into a sample database upon receipt and evaluated against risk-based criteria or standards. Data validation consisting of data completeness, holding

time, calibrations, laboratory and field blank contamination, field duplicate precision, and detection limits was completed concurrent with the data evaluation.

3.3.6 Data Validation

Data validation involves having an independent (non-laboratory) party review data provided by the laboratory to ensure that specific criteria have been met. These criteria concern specifications that are not sample dependent; they specify performance requirements that should be fully under a laboratory's control. For data analyses of organic chemicals, specific validation areas include blanks, performance-evaluation standard materials, and instrument performance checks. For data analyses involving inorganic chemicals like metals, specific validation areas include blanks, calibration standards, calibration verification standards, laboratory control standards, and interference check standards. The analytical laboratory supplies the chemical data as hard-copy reports and electronic databases.

Once the investigation was complete, chemical data were validated by Tetra Tech, Inc. (Tetra Tech) in accordance with established USEPA protocols to assess the reliability and accuracy of the data. This review was based on the USEPA *National Functional Guidelines for Organic Superfund Methods Data Review* (USEPA, 2020a), the *National Functional Guidelines for Inorganic Superfund Methods Data Review* (USEPA, 2020b), and the specifics of the analytical method used. Data validation reports are in Appendix D, and the full laboratory data reports are in Appendix E (both on compact disc).

The data validation report noted several areas of concern for analyses of 2-chloroethyl vinyl ether (a VOC), because 2-chloroethyl vinyl ether cannot be reliably recovered in acid preserved samples (as were these samples). In addition, 0% recoveries of 2-chloroethyl vinyl ether were noted for sample GSP-MW-23I-042722 matrix spike/matrix-spike duplicate; therefore, all affected non-detected results reported for 2-chloroethyl vinyl ether were qualified as rejected (UR).

All other areas of concern identified by data validation were minor, and generally resulted in qualifying nondetect results as estimated (UJ). Note that the prescribed holding time for one TPH-DRO sample (GSP-MW-20-042622) was exceeded by two days, because the sample was re-prepared and rerun after initially failing the laboratory's surrogate percent recovery QC limit.

The results from the re-prepared sample were used during data validation, and detected results reported for DRO were qualified as estimated, resulting from hold time exceedance.

Data validation concluded that these data are generally acceptable for their intended uses (i.e., risk screening and remedy assessment), except for data qualified as unreliable (UR flags). The data qualifiers (i.e., flags) applied to the chemical results during data validation are listed below:

- J* The analyte is considered present in the sample, but the value is estimated and may not meet highest accuracy or precision standards. In this program, samples were also qualified with “*J*” because quantitation was above the method detection limit but below the laboratory reporting-limit, or as indicated above for sample GSP-MW-20-042622, for hold time exceedance.
- NJ* The analyte has been tentatively identified. This qualifier indicates presumptive evidence of a compound. Special methods may be required to confirm its presence or absence in future sampling efforts.
- U* Not detected; the analyte was not detected at the reported value.
- UJ* The analyte was not detected. However, the quantitation or detection limit may be inaccurate or imprecise.
- UR* The non-detect result is considered qualitatively or quantitatively unreliable.

All data qualifiers are noted in Appendices A, C, D, and E.

SECTION 4 RESULTS AND DATA INTERPRETATION

This section presents groundwater-elevation data and chemical analysis results for sampled wells in the Greater Strawberry Point (GSP) of Martin State Airport (MSA) on April 25–29 2022. These groundwater chemical results are compared against current Maryland Department of the Environment (MDE) groundwater standards (MDE, 2018) or other applicable federal or state criteria (if MDE has not established standards for an analyzed chemical), and against available preliminary remediation goals (PRGs) for the chemicals of concern (COC) from the 2018 GSP feasibility study (FS).

Any detectable trichloroethene (TCE) results in groundwater are compared to the construction worker PRG of 320 micrograms per liter ($\mu\text{g/L}$). If the TCE concentrations in all monitoring wells within a given recognized environmental condition (REC) are less than this PRG, then the need for continued annual sampling/analysis of this volatile organic compound (VOC) will be re-evaluated. Similarly, if the VOC concentrations in a monitoring well are below detection limits for two consecutive annual events, then sampling of that monitoring well will stop. Total petroleum hydrocarbons (TPH) analyses will be similarly evaluated: When the TPH concentrations in all monitoring wells within a given REC are less than the PRG ($47 \mu\text{g/L}$), then the need for continued annual analysis will be re-evaluated. And if the TPH concentrations in a monitoring well are below detection limits for two consecutive annual events, then the analysis at that monitoring well will stop.

Because land use controls (LUCs) prevent residential uses of the site, groundwater cleanup values based on residential site use were not selected for the site. However, if concentrations of a COC in a monitoring well are less than the residential PRGs for two consecutive annual events, then the need for continued annual analysis will be re-evaluated. If, after at least eight sampling events, the COC concentrations in a monitoring well trend downward based on statistically significant trend

analysis (e.g., Mann Kendall) results, then the need for continued annual VOC analysis will be re-evaluated. Changes in wells to be sampled, analytes, or frequency will be proposed to the MDE for concurrence prior to implementation. Results of the April 2022 monitored natural attenuation (MNA) groundwater sampling at GSP are discussed by analyte group below. Any COC concentration trends are then discussed by REC. Note that all well IDs share the prefix “GSP,” but for simplicity that prefix is omitted in the following discussions.

4.1 GROUNDWATER ELEVATION MEASUREMENTS

A synoptic round of groundwater elevation measurements from the 18 monitoring wells sampled for this investigation plus an additional 22 wells at GSP was conducted on April 19, 2022. The static water level measurements and their conversions to groundwater elevation are tabulated in Table 4-1. Groundwater elevations and groundwater elevation contours derived from the elevation data for shallow wells (with well depths generally less than 25 feet below ground surface [bgs]) are shown on Figure 4-1. Groundwater elevations and contours for deeper wells (well depths greater than 25 feet bgs) are shown on Figure 4-2. The groundwater elevation contours are generally consistent with previous interpretations for GSP which reflect an overall northeast-to-southwest groundwater flow direction towards Stansbury Creek and Frog Mortar Creek. The depth to groundwater in both shallow and deeper wells is generally greater than in surrounding wells in wells just south of the REC #9 area. Figures 4-1 and 4-2 show a groundwater divide located within the 9 foot and 7 foot contours, respectively, where some radial flow originates outward in all directions, including to the north and northeast, towards the main runway.

4.2 GROUNDWATER ANALYTICAL RESULTS

Table 4-2 is a statistical summary of April 2022 groundwater analytical data at GSP, and Table 4-3 is a summary of analytes detected in April 2022. Wells are arranged by REC in Table 4-3 (and in the baseline results table in Appendix A). Figure 4-3 presents VOC and TPH-DRO exceedances during this sampling round. All groundwater results (both detects and nondetects) for April 2022 are included in the full data table in Appendix F.

4.2.1 Volatile Organic Compounds

Ten VOCs, including one unknown (as listed by the laboratory), were detected in the eight monitoring wells sampled for VOCs. Trichloroethene (TCE) was detected at six of eight locations, and exceeded the residential PRG and MDE groundwater screening level (5 µg/L) only at four locations (range of 25 µg/L–91 µg/L), but exceeded both the residential and construction/industrial worker (320 µg/L) PRGs at one runway-area location, MW-32S, with a concentration of 790 µg/L. Carbon tetrachloride was the only other VOC to exceed its MDE screening level (5 µg/L) at two locations: MW-28 (17 µg/L) and MW-32D (24 µg/L).

4.2.2 Metals Results

Seven total/dissolved metals were detected in groundwater samples collected from the four RECs #2-#6 wells at which metals were sampled (MW-33, MW-34, MW-37, and MW-39): beryllium, cobalt, iron, manganese, nickel, vanadium, and zinc (Tables 4-2 and 4-3). All detected metals (except cobalt, which lacks an MDE groundwater screening value) were detected above their respective MDE screening values in at least one sample. A residential PRG was developed for cobalt (6 µg/L), which was exceeded at MW-33, MW-34, and MW-37. The highest metals exceedances occurred at monitoring wells GSP-MW-33 and GSP-MW-37, located in RECs #6 and #2, respectively. The capacity for natural attenuation of metals in RECs #4 through #6 is discussed in Section 4.2.4.4.

4.2.3 Total Petroleum Hydrocarbon Results

TPH-diesel-range organics (DRO) were sampled at seven wells. TPH-DRO was detected at two monitoring wells (MW-05 and MW-20) at respective concentrations (820 µg/L and 520 µg/L) exceeding the MDE groundwater standard of 47 µg/L. Note, however, that the TPH-DRO detection limit (ranging from 220 to 240 µg/L) was elevated above its screening value (47 µg/L) in April 2022 samples, so TPH-DRO (total level) may be present above its screening value for some of the reported ‘nondetect’ results.

4.2.4 Natural Attenuation Parameters

Five monitoring wells were sampled for the natural attenuation parameter of alkalinity, and two wells were sampled for methane/ethane/ethene. Other MNA parameters such as pH, dissolved

oxygen (DO), oxidation-reduction potential (ORP), and specific conductivity were measured in the field at each sampled well. Natural attenuation parameters are measured in an aquifer to predict or assess the capacity for reductive dechlorination and are often collected over several rounds in concert with COC analysis to evaluate trends or to monitor remedy progress. Laboratory results for chlorinated volatile organic compounds (cVOCs) were evaluated for natural attenuation using *Technical Protocol for Evaluating Natural Attenuation of Chlorinated Solvents in Ground Water* (USEPA, 1998) as general guidance.

After each long-term monitoring (LTM) sampling event, the results of each MNA parameter are evaluated for continued analysis at each well. If results are below detection limits or outside threshold levels used in natural attenuation evaluation guidance (USEPA, 1998), then that analysis will be dropped for that well. Similarly, if all values are at a consistent level and geochemical conditions do not suggest that the result is likely to change in the future, then that analysis will be dropped. Analysis of parameters with results that were less than detection limits during baseline sampling were excluded from the LTM program. A preliminary discussion of select natural attenuation results, organized by REC, is provided below. Table 4-4 presents selected MNA results for the five wells sampled for MNA parameters in April 2022, and includes data from the baseline investigation.

4.2.4.1 REC #11

Five wells (MW-04, MW-20, MW-27, MW-28, and MW-29) were sampled in REC #11. TCE and TPH-DRO are the primary COCs in groundwater, and were detected at respective wells MW-20 and MW-28 at concentrations greater than the residential PRGs (5 µg/L and 47 µg/L, respectively).

The presence of cDCE and vinyl chloride along with TCE in wells MW-04 and MW-28 appears to indicate that active degradation of TCE is occurring. The lack of DO (0 milligrams per liter [mg/L] at all REC #11 wells) indicates that anaerobic conditions likely exist, although ORP values are mixed, with positive values in three wells (MW-04, MW-28, and MW-29) indicating oxidizing conditions, and negative values indicating reducing conditions in the remaining wells (Table 4-4). The pH of groundwater in most wells is slightly acidic (range of 5.38 to 6.83) to acidic (3.64 at well MW-29), indicating possible past anerobic activity.

4.2.4.2 REC #10

Three wells (MW-05, MW-06, and downgradient well MW-30) were sampled in REC #10 in April 2022. The primary COC at REC #10 is TPH-DRO, which has routinely been detected above the residential PRG (47 µg/L) in REC #10 since 2020.

DO concentrations were nondetect (0 mg/L) in all REC #10 wells, indicating anerobic conditions (Table 4-4). ORPs are mixed, with positive values in wells MW-05 (118 millivolts [mV]) and MW-06 (71 mV) and a negative value in downgradient well MW-30 (-128 mV). Alkalinity (as calcium carbonate [CaCO₃]) was measured at all three wells and ranged from 54 mg/L at MW-30 to 440 mg/L at MW-05. The pH measurements at wells MW-05 and MW-06 (6.56 and 7.57, respectively) are approaching neutrality, which favors biological activity, but the pH in downgradient well MW-30 is alkaline (10.83). These results suggest that anerobic activity is likely occurring, particularly in the downgradient portion of REC #10.

4.2.4.3 RECs #8 and #9

Six wells (MW-07, MW-13, MW-23I, MW-31, MW-32D, and MW-32S) were sampled at RECs #8/#9, with the latter two wells used to evaluate MNA in the northern direction. TCE is the primary COC. The wells with the highest historical COC concentrations (MW-07 and MW-23I; see Table 4-4) are located on a groundwater divide, so MNA parameters were evaluated on both sides of this divide and in both groundwater directions. The TCE concentration at MW-23I (91 µg/L) is more than twice that at MW-07 (41 µg/L), as is the cDCE concentration (4.2 µg/L and 2 µg/L, respectively). Concentrations of other organic compounds are low (maximum VOC concentration is 6 µg/L for 1,2-dibromoethene at MW-23I) or below detection limits in both wells. DO was nondetect in both wells, and ORP values are positive (Table 4-4). These results suggest that reductive dechlorination has occurred or could be occurring, but the low concentration of an electron donor slows the process.

Wells GSP-MW-13 and GSP-MW-31 were used to evaluate MNA in the southern direction of groundwater flow. No VOCs were detected in either well. DO was nondetect in both wells, and respective ORPs were -58 mV and 100 mV. These results are mixed, and suggest that anerobic conditions may be present.

Wells MW-32S and MW-32D were used to evaluate MNA in the northern direction. The respective TCE and cDCE concentrations in well MW-32D are 26 µg/L and 1.6 µg/L, and are 790 µg/L and 4.3 µg/L at well MW-32S. These two wells were the only wells in this round to be sampled for ethene/ethane/methane, and both ethene (0.27 µg/L) and methane (110 µg/L) were detected at MW-32S, while only methane (0.52 µg/L) was detected at MW-32D. DO at both wells were positive, as were ORP values, and alkalinity ranged from 5.1 mg/L to 80 mg/L. The pH value at MW-32D (7.05) appears favorable for degradation, but the pH at MW-32S (4.75) is less favorable. These parameters appear to suggest oxidizing conditions in site groundwater, and that aerobic degradation pathways are occurring.

4.2.4.4 REC #2–REC #6

Four wells (MW-33, MW-34, MW-37, and MW-39) were sampled in this area. The COC at RECs #2–#6 are metals (specifically beryllium, nickel, thallium, and zinc), and natural attenuation of metals primarily occurs through physical processes such as precipitation, sorption, dispersion, and dilution. Well MW-33 is the most upgradient site well, and all metals detected, in both total and in dissolved fractions, exceeded their respective residential PRGs. The pH in this well was acidic (3.84), and the ORP was 277 mV (Table 4-4).

Iron and manganese exceedances (total and dissolved) were detected at wells MW-34 and MW-39, but the metals concentrations at the latter, downgradient well were more than one order of magnitude (10 times) lower. The pH at MW-34 was 4.65, while the pH at MW-39 approached neutrality (6.93). The ORP value at MW-34 (277 mV) was positive, while the ORP at MW-39 was negative (-47 mV). The increased pH at MW-39 (as compared to MW-34) may have been sufficient to precipitate some metals, the near-neutral pH and lower metals concentrations may also be influenced by surface water intrusion from Stansbury Creek and Frog Mortar Creek.

A duplicate sample was collected at MW-37, and both the parent and duplicate samples contained exceedances of iron, manganese, nickel, and zinc. Wells MW-37 and MW-39 are close to the shoreline and the specific conductance in groundwater at these two wells were two (MW-39) to 12 times (MW-37) higher than the other sampled wells in this area, indicating that the wells are affected by nearby brackish surface water. MW-37 has the lowest metals detections of all wells sampled in RECs #2–#6; groundwater in this well had a pH of 6.13, and an ORP of -17 mV.

4.3 CONCENTRATION TREND ANALYSIS

Trends in analyte concentrations, as indicated by analyte- and well-specific Mann-Kendall statistical analyses, are summarized by REC below. The statistical summary of data trends and related spreadsheets are in Appendix G.

4.3.1 REC #11 Trend Analysis

Five wells (MW-04, MW-20, MW-27, MW-28, and MW-29) were sampled in REC #11, and all but MW-28 were analyzed for TPH-DRO; in addition, MW-04 (for the first time) and MW-28 were also analyzed for VOCs.

TPH was nondetect at MW-04, MW-27, and MW-29, but was detected above the MDE screening level (47 µg/L) in MW-20 (520 µg/L). TCE was detected at trace concentrations (<1 µg/L) in both the parent and duplicate samples collected from MW-04. Vinyl chloride and cDCE were also detected in that well, suggesting some degradation of TCE has occurred. At least four samples are needed to conduct a Mann-Kendall analysis, thus data is insufficient to perform a TCE trend analysis for MW-04, MW-27, and MW-29 at this time.

TCE and carbon tetrachloride (CCl₄) exceedances have been detected at MW-28 since 2020, as have TPH-DRO exceedances at MW-20. Mann-Kendall analyses for each of these three analytes detected at MW-28 indicated no evidence of a trend, and concentrations appear to be stable over time (Appendix G).

4.3.2 REC #10 Trend Analysis

Three wells (MW-05, MW-06, and MW-30) were sampled in REC #10 in April 2022, and TPH-DRO is the primary COC. TPH has been sporadically detected at MW-06 and MW-30, and more consistently at MW-05. The only location with enough TPH samples to conduct a Mann-Kendall statistical trend analysis is MW-05, and this analysis revealed no statistically significant trend and stable TPH-DRO concentration over time (Appendix G).

4.3.3 REC #8 / #9 Trend Analysis

Six wells (MW-07, MW-13, MW-23I, MW-31, MW-32D, and MW-32S) were sampled at RECs #8/#9, and TCE is the primary COC. Enough TCE data (at least four data points) were

available for MW-07, MW-23I, MW-32D, and MW-32S; However, Mann-Kendall analyses at all wells revealed no statistically significant trends, and TCE concentrations in all wells appear stable over time (Appendix G).

4.3.4 RECs #2–#6 Trend Analysis

Four wells (MW-33, MW-34, MW-37, and MW-39) were sampled at RECs #2-#6, and metals (specifically beryllium, nickel, thallium, and zinc) are the primary COC. Mann-Kendall trend analyses were conducted for metals with at least four exceedances since 2020: beryllium, nickel, and zinc at MW-33, and nickel at MW-37 (Appendix G). No statistically significant trends for metals concentrations were noted, and concentrations appear stable over time.

SECTION 5 SUMMARY

This report presents the April 2022 annual groundwater monitoring results for Greater Strawberry Point (GSP), related to the evaluation of natural attenuation remedy selected for the site. Baseline monitoring was conducted in 2020-2021 (Appendix A), and the April 2022 results are from the first round of routine annual long-term monitoring conducted at Greater Strawberry Point.

Groundwater samples were analyzed for various chemical parameters depending on their location relative to the area targeted for monitored natural attenuation. Select wells were sampled for volatile organic compounds (VOCs; eight locations); total petroleum hydrocarbons–diesel-range organics (TPH-DRO; seven locations); both total and dissolved (filtered) priority pollutant metals, including iron and manganese (four locations); methane/ethane/ethene (two locations); and alkalinity (five locations). Natural attenuation parameters (pH, dissolved oxygen [DO], oxidation-reduction potential [ORP], and specific conductivity) were collected in the field at all 18 sampled well locations. Select Greater Strawberry Point wells will continue to be sampled for natural attenuation parameters in each subsequent sampling round. Groundwater sampling results and natural attenuation parameters will undergo evaluation during each sampling round, and the cumulative data and trends will be used to inform decisions concerning the effectiveness of natural degradation processes and the overall status of the Greater Strawberry Point monitored natural attenuation groundwater remedy over time.

Trichloroethene (TCE) and carbon tetrachloride (CCl₄) were the only volatile organic compounds with detected concentrations greater than their specific Maryland Department of the Environment (MDE) groundwater cleanup standards (5 micrograms per liter [µg/L] for each). The maximum trichloroethene concentration detected in Greater Strawberry Point wells to date (790 µg/L at GSP-MW-32S) occurred during the current sampling round. The GSP-MW-32S/D well cluster is located north of recognized environmental condition (REC) #9 (near former Propellant and Acetylene Storage Sheds, and former Furnace Building), near a reported groundwater divide. No

additional monitoring wells are located immediately north of this well cluster. Additional investigation or sampling of existing wells may be warranted during future monitoring events to help evaluate the extent of trichloroethene in this area, and to determine whether the exceedances at GSP-MW-32S are indicative of an increasing concentration trend.

A trichloroethene concentration exceeding its groundwater cleanup standard was also detected at downgradient well GSP-MW-28 (25 µg/L), located near Stansbury Creek. This well was installed as a downgradient sentinel well to monitor whether chlorinated volatile compounds were migrating to Stansbury Creek surface water. Carbon tetrachloride was the only other volatile organic compound detected in this well at a concentration greater than its groundwater cleanup standard. Carbon tetrachloride exceedances were detected in two groundwater samples, collected from the same two locations with trichloroethene exceedances: GSP-MW-32D (same location as maximum trichloroethene concentration in April 2022 [GSP-MW-32S], but at a deeper depth) and GSP-MW-28.

The well screen for well GSP-MW-28 was installed in a highly conductive sand layer between two clay layers, located approximately 50 feet away from the shoreline of Stansbury Creek, and more than 400 feet downgradient from other existing Greater Strawberry Point monitoring wells. The presence of both trichloroethene (25 µg/L) and carbon tetrachloride (24 µg/L) in this well in April 2022, at concentrations above their respective Maryland Department of the Environment groundwater screening criteria (both at 5 µg/L), warrants future monitoring and evaluation based on the well's proximity to surface water. Surface water sampling was conducted in Stansbury Creek in August 2020 and July 2022, with VOC results all below laboratory detection limits. The source of trichloroethene at GSP-MW-28 is currently unknown. Additional investigation is planned to be completed during the last half of 2022 to attempt to delineate the source and extent of trichloroethene near GSP-MW-28.

Mann-Kendall nonparametric trend analysis was performed for chemicals of concern that were detected above groundwater screening criteria and had at least four data points (Appendix G). No statistically significant trends in contaminant concentrations were noted at this time. Long-term monitoring of groundwater at Greater Strawberry Point will continue annually per the work plan

(Tetra Tech, 2021c) and the additional investigation (Tetra Tech, 2022a) to evaluate the ongoing effectiveness of the natural attenuation remedy.

SECTION 6 REFERENCES

- Chapelle, F. M., 1985. *Hydrogeology, Digital Solute-Transport Simulation, and Geochemistry of the Lower Cretaceous Aquifer-System Near Baltimore, Maryland*, Maryland Geological Survey Report of Investigations No. 43, Maryland Geological Survey, Baltimore, Maryland, 120 pp.
- Glaser, J. D., 1969. *Petrology and Origin of Potomac and Magothy (Cretaceous) Sediments, Middle Atlantic Coastal Plain*, Maryland Geological Survey Reports of Investigations No. 11, Maryland Geological Survey, Baltimore, Maryland, 102 pp.
- Hansen, H. J., and J. Edwards, 1986. *The Lithology and Distribution of Pre-Cretaceous Basement Rocks Beneath the Maryland Coastal Plain*, Maryland Geological Survey Report of Investigations 44, 27 pp.
- Maryland Environmental Service (MES), 2010. *Martin State Airport Stormwater Pollution Prevention Plan, Spill Prevention Control & Countermeasure Plan, RCRA Hazardous Waste Contingency Plan (Plan #5)*, prepared for Maryland Aviation Administration. October.
- Maryland Hazardous and Solid Waste Management Administration (MHSWMA), 1989. *A Preliminary Assessment of Martin State Airport, Middle River, Maryland*, prepared for U.S. Environmental Protection Agency, Region III. March.
- Tetra Tech, Inc. (Tetra Tech), 2008. *Historical Data Review for Strawberry Point Facility, Martin State Airport: Middle River, Maryland*, Consultant's report prepared by Tetra Tech, Inc. for Lockheed Martin Corporation, Bethesda, Maryland. September.
- Tetra Tech, Inc. (Tetra Tech), 2009. *Final Phase II Site Investigation Report, Strawberry Point, Martin State Airport: Middle River, Maryland*, Consultant's report prepared by Tetra Tech, Inc. for Lockheed Martin Corporation, Bethesda, Maryland, April 2009.
- Tetra Tech, Inc. (Tetra Tech), 2010. *Phase II Site Investigation Report, Greater Strawberry Point, Martin State Airport: Middle River, Maryland*, Consultant's report prepared by Tetra Tech, Inc. for Lockheed Martin Corporation, Bethesda, Maryland, October.
- Tetra Tech, Inc. (Tetra Tech), 2012. *Additional Phase II Site Investigation Report, Strawberry Point, Martin State Airport: Middle River, Maryland*, Consultant's report prepared by Tetra Tech, Inc. for Lockheed Martin Corporation, Bethesda, Maryland. January.

-
- Tetra Tech, Inc. (Tetra Tech), 2013. *Supplemental Soil and Groundwater Characterization Report, Greater Strawberry Point, Martin State Airport: Middle River, Maryland*, Consultant's report prepared by Tetra Tech, Inc. for Lockheed Martin Corporation, Bethesda, Maryland. November.
- Tetra Tech, Inc. (Tetra Tech), 2015a. *Greater Strawberry Point Area Supplemental Soil and Groundwater Characterization Report, Martin State Airport: Middle River, Maryland*. Consultant's report prepared by Tetra Tech, Inc. for Lockheed Martin Corporation, Bethesda, Maryland. January.
- Tetra Tech, Inc. (Tetra Tech), 2015b. *Preliminary Investigation Report for Greater Strawberry Point Former Buildings KC, KJ and KQ Area, Martin State Airport: Middle River, Maryland*. Consultant's report prepared by Tetra Tech, Inc. for Lockheed Martin Corporation, Bethesda, Maryland. January.
- Tetra Tech, Inc. (Tetra Tech), 2015c. *Technical Memorandum Addendum to the Greater Strawberry Point Supplemental Soil and Groundwater Characterization Report: Soil-Vapor Sampling Summary Report, Greater Strawberry Point, Martin State Airport, Middle River, Maryland*. October.
- Tetra Tech, Inc. (Tetra Tech), 2017. *Greater Strawberry Point Area Design Characterization Report, Martin State Airport, Middle River, Maryland*. March.
- Tetra Tech, Inc. (Tetra Tech), 2018. *Greater Strawberry Point Feasibility Study, Martin State Airport, Middle River, Maryland*. October.
- Tetra Tech, Inc. (Tetra Tech), 2019. *Greater Strawberry Point Proposed Plan, Martin State Airport, Middle River, Maryland*. February.
- Tetra Tech, Inc. (Tetra Tech), 2021a. *Greater Strawberry Point Monitored Natural Attenuation Baseline Characterization Report (Revision 1), Martin State Airport, Middle River, Maryland*. July.
- Tetra Tech, Inc. (Tetra Tech), 2021b. *Greater Strawberry Point Monitoring Well GSP-MW-28 Area Investigation Report, Martin State Airport, Middle River, Maryland*. December.
- Tetra Tech, Inc. (Tetra Tech), 2021c. *Greater Strawberry Point Long-Term Monitored Natural Attenuation Work Plan, Martin State Airport, Middle River, Maryland*. October.
- Tetra Tech, Inc. (Tetra Tech), 2021d. *Health and Safety Plan for Lockheed Martin Corporation, Multi-media Characterization and Monitoring, Martin State Airport, Middle River, Maryland*. September.2009
- Tetra Tech, Inc. (Tetra Tech), 2022a. *Greater Strawberry Point Trichloroethene (TCE) Characterization Work Plan, Martin State Airport, 701 Wilson Point Road, Middle River, Maryland, Martin State Airport Remediation Site, Middle River, Maryland*. March.

Tetra Tech, Inc. (Tetra Tech), 2022b. *Investigation-Derived Waste Management Plan, Martin State Airport and Satellite Sites*, Martin State Airport, Middle River, Maryland. April.

United States Environmental Protection Agency (USEPA), 1998. *Technical Protocol for Evaluating Natural Attenuation of Chlorinated Solvents in Ground Water*. Office of Research and Development. OLEM 9355.0-136. EPA/600/R-98/128. September.

United States Environmental Protection Agency (USEPA), 2020a. *National Functional Guidelines for Inorganic Superfund Methods Data Review*.

United States Environmental Protection Agency (USEPA), 2020b. *National Functional Guidelines for Organic Superfund Methods Data Review*.

United States Environmental Protection Agency (USEPA), 2006. *Maryland Ambient Water Quality Criteria for Human Health Consumption of Organisms, Code of Maryland Regulations 26.08.02.03; and USEPA Region 3 Biological Technical Advisory Group Freshwater Screening Levels*.

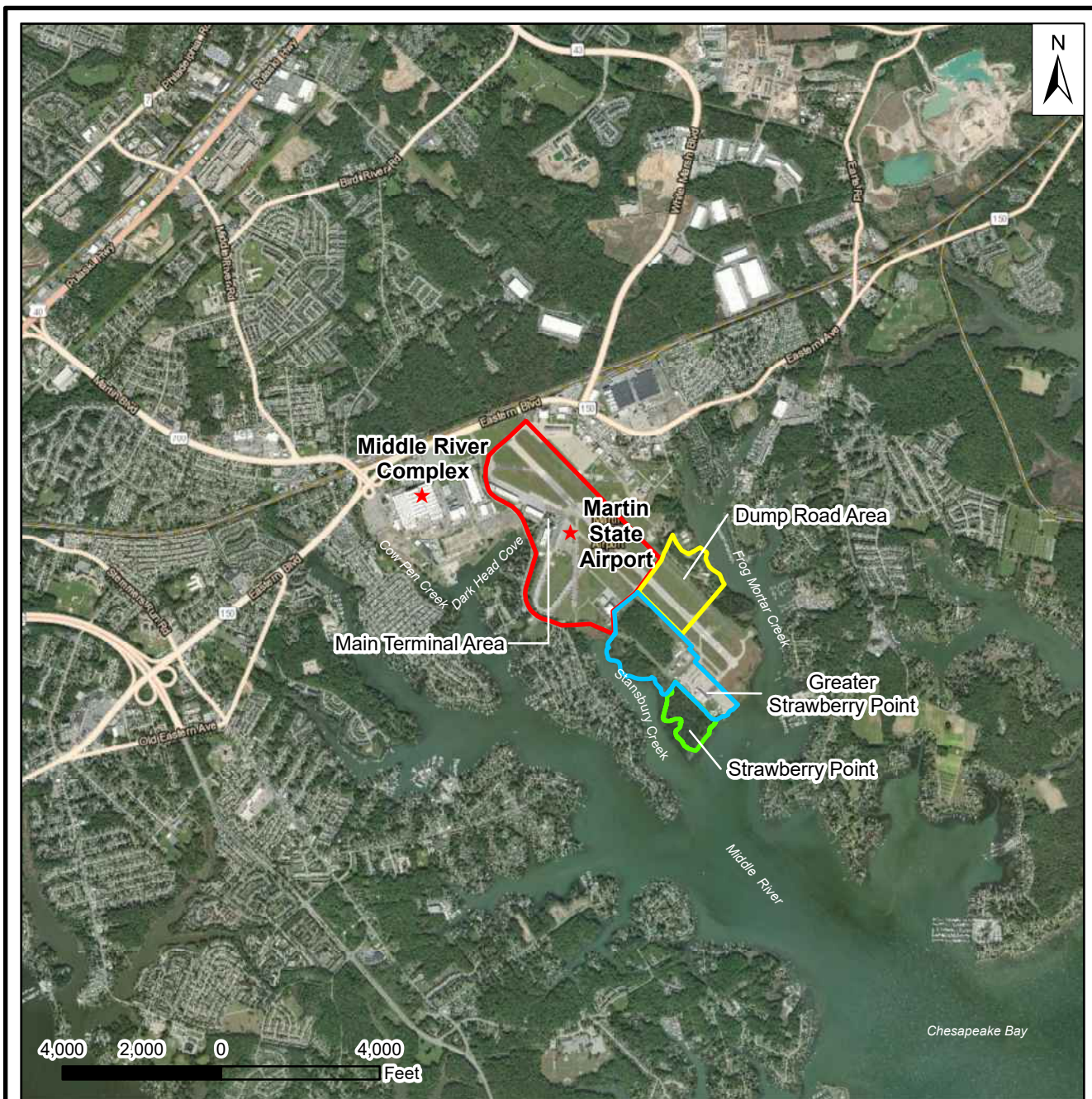
United States Environmental Protection Agency (USEPA), 2017a. *National Functional Guidelines for Inorganic Superfund Methods Data Review*. OLEM 9355.0-135. EPA-540-R-2017-001. January.

United States Environmental Protection Agency (USEPA), 2017b. *National Functional Guidelines for Organic Superfund Methods Data Review*. OLEM 9355.0-136. EPA-540-R-2017-002. January.

Vroblesky, D. A. and W. B. Fleck, 1991. "Hydrogeologic Framework of the Coastal Plain of Maryland, Delaware, and the District of Columbia, Regional Aquifer-System Analysis—Northern Atlantic Coastal Plain," U.S. Geological Survey Professional Paper 1404-E, U.S. Government Printing Office, Washington, D.C., 45 pp.

FIGURES

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- Figure 2-1 Location of Martin State Airport and Surrounding Features**
- Figure 2-2 Index Map for Current and Historical Structures as Existing in the 1960s**
- Figure 2-3 Current and Historical Features—Greater Strawberry Point, REC #11**
- Figure 3-1 Sampled Monitoring Well Locations—Greater Strawberry Point**
- Figure 4-1 Groundwater Elevations and Contours, Shallow Wells**
- Figure 4-2 Groundwater Elevations and Contours, Deeper Wells**
- Figure 4-3 VOC and TPH-DRO Exceedances in Groundwater, April 2022**



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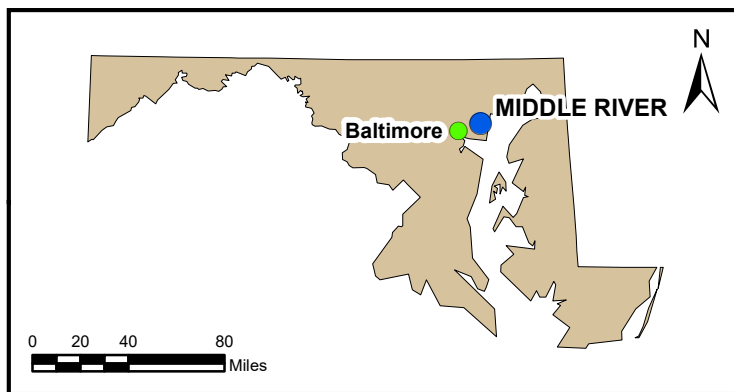


FIGURE 1-1

**MARTIN STATE AIRPORT
SITE LOCATION MAP**

*Lockheed Martin, Martin State Airport
Middle River, Maryland*

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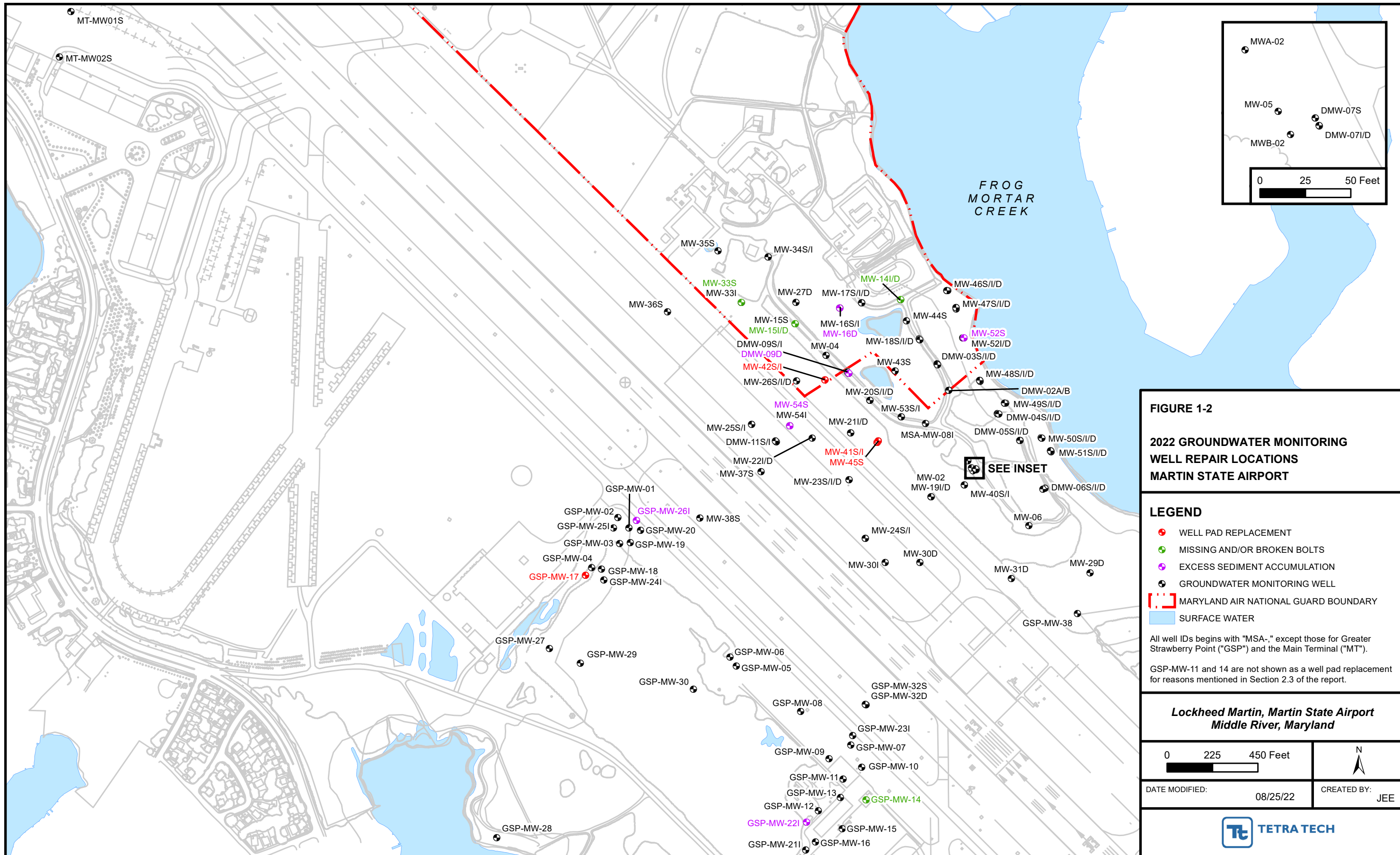


FIGURE 1-2
2022 GROUNDWATER MONITORING
WELL REPAIR LOCATIONS
MARTIN STATE AIRPORT

LEGEND

- WELL PAD REPLACEMENT
- MISSING AND/OR BROKEN BOLTS
- EXCESS SEDIMENT ACCUMULATION
- GROUNDWATER MONITORING WELL
- ▭ MARYLAND AIR NATIONAL GUARD BOUNDARY
- SURFACE WATER

All well IDs begins with "MSA-" except those for Greater Strawberry Point ("GSP") and the Main Terminal ("MT").

GSP-MW-11 and 14 are not shown as a well pad replacement for reasons mentioned in Section 2.3 of the report.

Lockheed Martin, Martin State Airport
Middle River, Maryland

0 225 450 Feet

N

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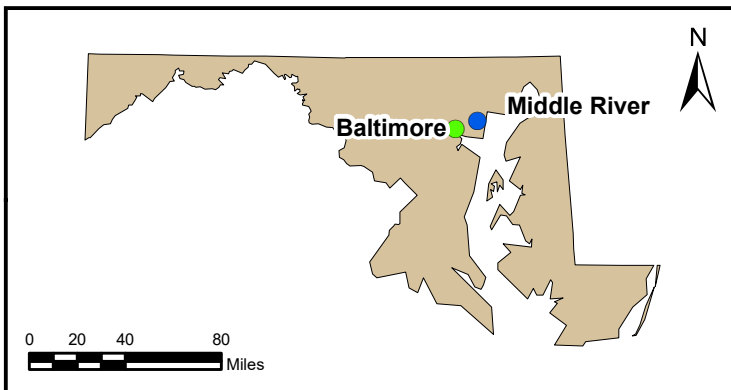


FIGURE 2-1

MARTIN STATE AIRPORT AND SURROUNDING FEATURES

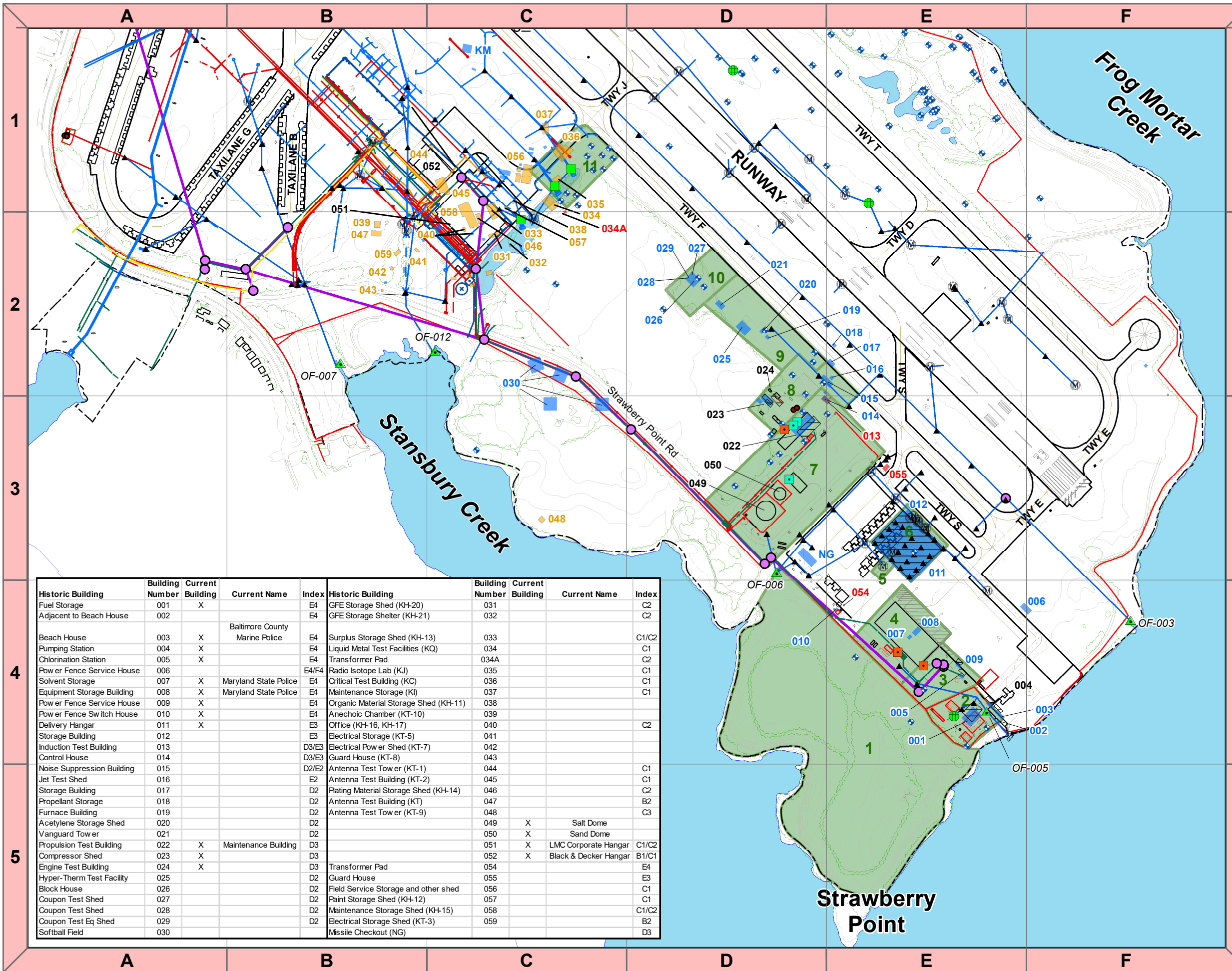
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Middle River, Maryland*

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**FIGURE 2-2
INDEX MAP FOR CURRENT AND HISTORICAL
STRUCTURES AS EXISTED IN THE 1960s,
GREATER STRAWBERRY POINT**



- Legend**
- ◆ MSA GW Wells
 - Drum Storage
 - ▲ MSA Inlets
 - Ⓜ MSA Manholes
 - ▲ NPDES Outfalls
 - Oil Filled Operational Equipment
 - Sediment Basin
 - Sanitary Manholes
 - Trench Drain
 - MTN Wells Pipes
 - REC
 - ▭ Current Structures (Black Building Numbers)
 - ▭ Historical Structures (from 1964 Aerial Photograph, Yellow Building Numbers)
 - ▭ Historical Structures (from 1966 Aerial Photograph and 1963 and 1964 Site Layout Maps, Blue Building Numbers)
 - ▭ Historical Structures (from 1956 Drawing, Red Building Numbers)
 - Sanitary Pipes
 - Water
 - Storm Pipes
 - Electricity
 - Gas
 - Telephone Line
 - Sanitary Line
 - Storm Line
 - ⊗ Electric Utilities

Historic building location based on 1956 architect's drawing, 1963 and 1964 utility and site layout drawings, and aerial photos from 1964 and 1966.

MSA – Martin State Airport
NPDES – National Pollutant and Discharge Elimination System
MTN – Main Terminal
REC – Recognized Environmental Condition

- REC # REC Name**
- REC 1 Strawberry Point Wooded Areas
 - REC 2 Fuel Storage Tank Farm
 - REC 3 Old Wastewater Treatment Plant
 - REC 4 Former Solvent Storage Area
 - REC 5 Transformer Pad
 - REC 6 Former Hangar (Building ND), Former Storage Building
 - REC 7 Facility Maintenance Area
 - REC 8 Former Induction Test, Former Engine Test, Former Jet Test Shed, Former Storage Building, Former Propulsion Test and Former Compressor Shed Buildings
 - REC 9 Former Propellant Storage, Former Acetylene Storage Shed, Former Furnace Building, Former Hyper-Therm Test Facilities and Former Vanguard Tower
 - REC 10 Former Coupon Test Shed and Former Block House
 - REC 11 Former Critical Test Building (KC), Former Radioisotope Lab (KJ) and Former Transformer Pad

Historic Building	Building Number	Current Building	Current Name	Index	Historic Building	Building Number	Current Building	Current Name	Index
Fuel Storage	001	X		E4	GFE Storage Shed (KH-20)	031			C2
Adjacent to Beach House	002			E4	GFE Storage Shelter (KH-21)	032			C2
Beach House	003	X	Baltimore County Marine Police	E4	Surplus Storage Shed (KH-13)	033			C1/C2
Pumping Station	004	X		E4	Liquid Metal Test Facilities (KQ)	034			C1
Chlorination Station	005	X		E4	Transformer Pad	034A			C2
Power Fence Service House	006			E4/F4	Radio Isotope Lab (KJ)	035			C1
Solvent Storage	007	X	Maryland State Police	E4	Critical Test Building (KC)	036			C1
Equipment Storage Building	008	X	Maryland State Police	E4	Maintenance Storage (KI)	037			C1
Power Fence Service House	009	X		E4	Organic Material Storage Shed (KH-11)	038			
Power Fence Switch House	010	X		E4	Anechoic Chamber (KT-10)	039			
Delivery Hangar	011	X		E3	Office (KH-16, KH-17)	040			C2
Storage Building	012			E3	Electrical Storage (KT-5)	041			
Induction Test Building	013			D3/E3	Electrical Power Shed (KT-7)	042			
Control House	014			D3/E3	Guard House (KT-8)	043			
Noise Suppression Building	015			D2/E2	Antenna Test Tower (KT-1)	044			C1
Jet Test Shed	016			E2	Antenna Test Building (KT-2)	045			C1
Storage Building	017			D2	Plating Material Storage Shed (KH-14)	046			C2
Propellant Storage	018			D2	Antenna Test Building (KT)	047			B2
Furnace Building	019			D2	Antenna Test Tower (KT-9)	048			C3
Acetylene Storage Shed	020			D2		049	X	Salt Dome	
Vanguard Tower	021			D2		050	X	Sand Dome	
Propulsion Test Building	022	X	Maintenance Building	D3		051	X	LMC Corporate Hangar	C1/C2
Compressor Shed	023	X		D3		052	X	Black & Decker Hangar	B1/C1
Engine Test Building	024	X		D3	Transformer Pad	054			E4
Hyper-Therm Test Facility	025			D2	Guard House	055			E3
Block House	026			D2	Field Service Storage and other shed	056			C1
Coupon Test Shed	027			D2	Paint Storage Shed (KH-12)	057			C1
Coupon Test Shed	028			D2	Maintenance Storage Shed (KH-15)	058			C1/C2
Coupon Test Eq Shed	029			D2	Electrical Storage Shed (KT-3)	059			B2
Softball Field	030			D2	Missile Checkout (NG)				D3

**Lockheed Martin, Martin State Airport
Middle River, Maryland**

0 250 500 Feet

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TETRA TECH

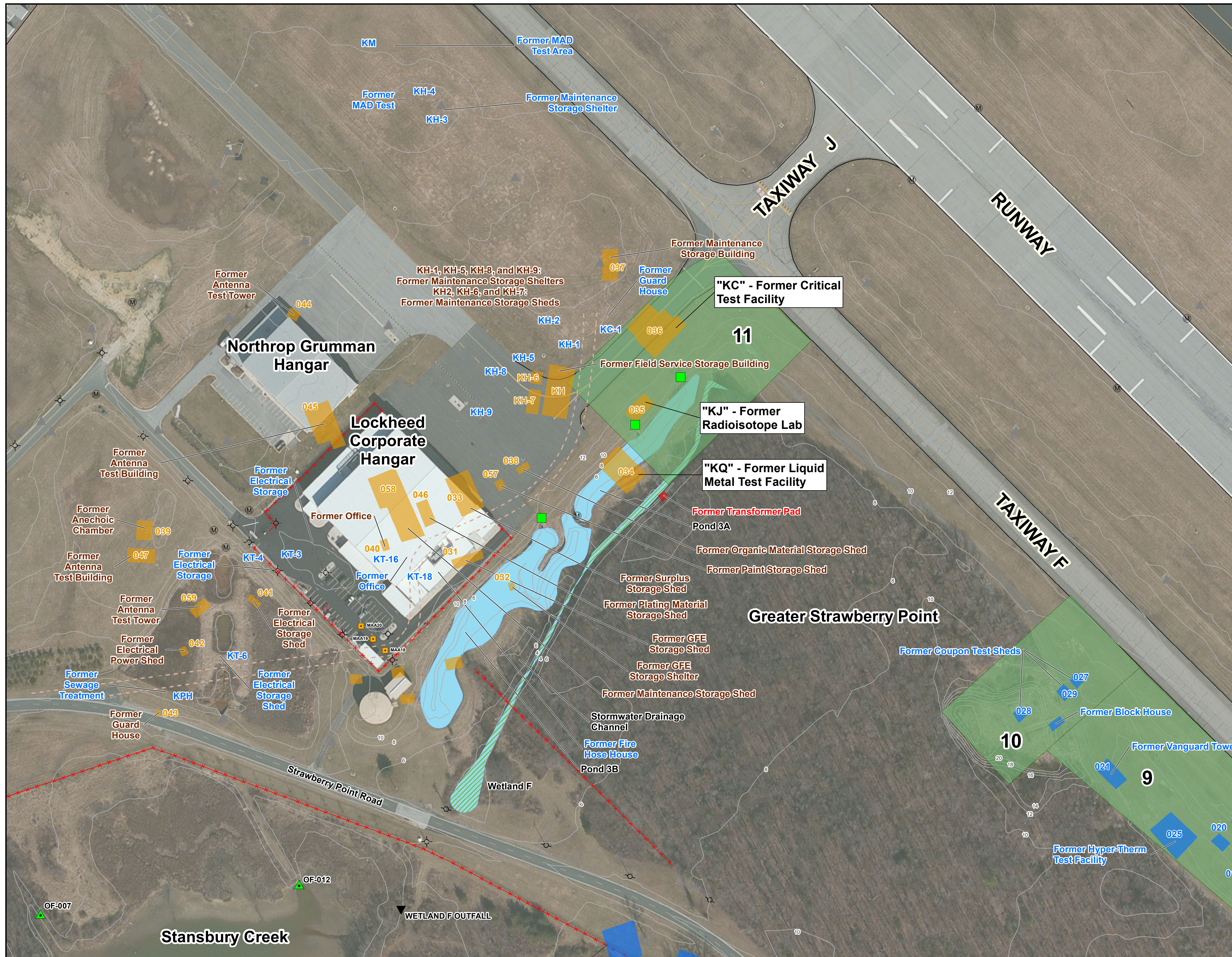


FIGURE 2-3
CURRENT AND HISTORICAL FEATURES
GREATER STRAWBERRY POINT
REC #11

- LEGEND**
- ▲ MSA Inlets
 - Ⓜ MSA Manholes
 - ▲ NPDES Outfalls
 - ▼ Wetland Discharge Point
 - Sediment Basin
 - MTN Tanks
 - Trench Drain
 - Sanitary MH
 - OF Outfall
 - Historical Structures (from 1963 Utilites Map and 1964 Aerial Photo)
 - Reported Historical Structures (from 1964 Facility Map)
 - Historical Structures (from 1970 Topographic Plat)
 - Dirt Road (from 1964 Aerial Photo)
 - REC
 - Current Structures
 - Stormwater Detention Pond
 - Drainage Channel / Wetland
 - Stormwater Lines
 - Sanitary Lines
 - Fence Line
 - Topographic Elevation Contour
 - 11** REC Number

Aerial photograph provided by ESRI's ArcGIS Online World Imagery map service (© 2017 ESRI and it's data suppliers).

GFE - Government Furnished Equipment
 MH - Manhole
 MSA - Martin State Airport
 MTN - Main Terminal
 NPDES - National Pollutant and Discharge Elimination System
 REC - Recognized Environmental Condition

REC # REC Name
 REC 09 Former Vanguard Tower
 Former Hyper-Therm Test Facility
 REC 10 Former Coupon Test Shed
 and Former Block House
 REC 11 Former Critical Test Building (KC),
 Former Radioisotope Lab (KJ) and
 Former Transformer Pad

Lockheed Martin, Martin State Airport
Middle River, Maryland

0 45 90 180 Feet	N
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FIGURE 3-1
MONITORING WELL LOCATIONS
GREATER STRAWBERRY POINT

LEGEND

- ⊕ Existing Monitoring Well Sampled
- ⊕ Existing Monitoring Well
- ⊗ Abandoned Well
- Recognized Environmental Condition (REC)
- 7 REC Number

Aerial photograph provided by ESRI's ArcGIS Online World Imagery map service (© 2020 ESRI and its data suppliers).

Lockheed Martin, Martin State Airport
Middle River, Maryland

0 187.5 375 Feet	N ↑
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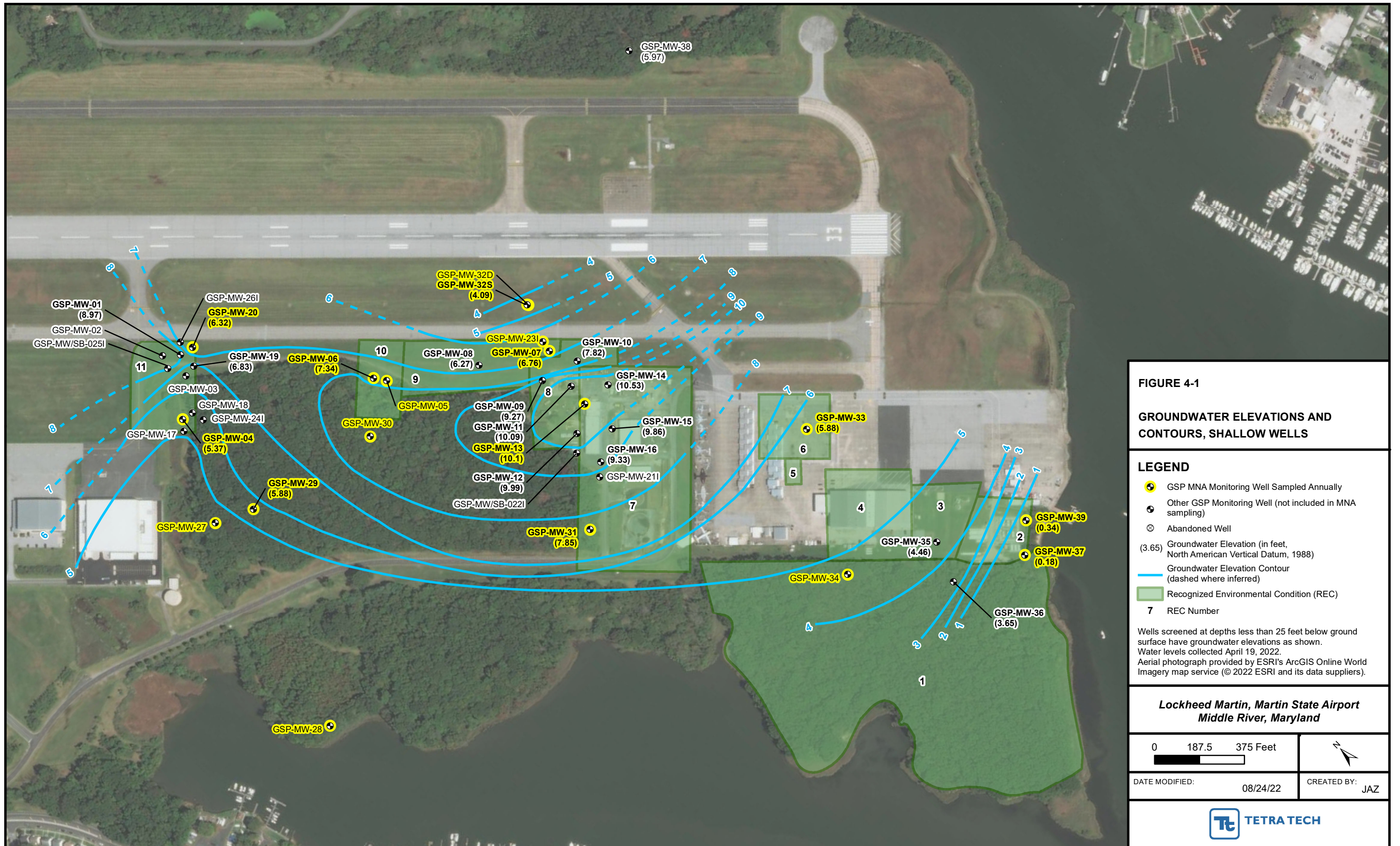


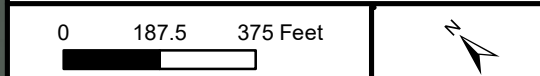
FIGURE 4-1
GROUNDWATER ELEVATIONS AND CONTOURS, SHALLOW WELLS

LEGEND

- GSP MNA Monitoring Well Sampled Annually
- Other GSP Monitoring Well (not included in MNA sampling)
- Abandoned Well
- (3.65) Groundwater Elevation (in feet, North American Vertical Datum, 1988)
- Groundwater Elevation Contour (dashed where inferred)
- Recognized Environmental Condition (REC)
- 7** REC Number

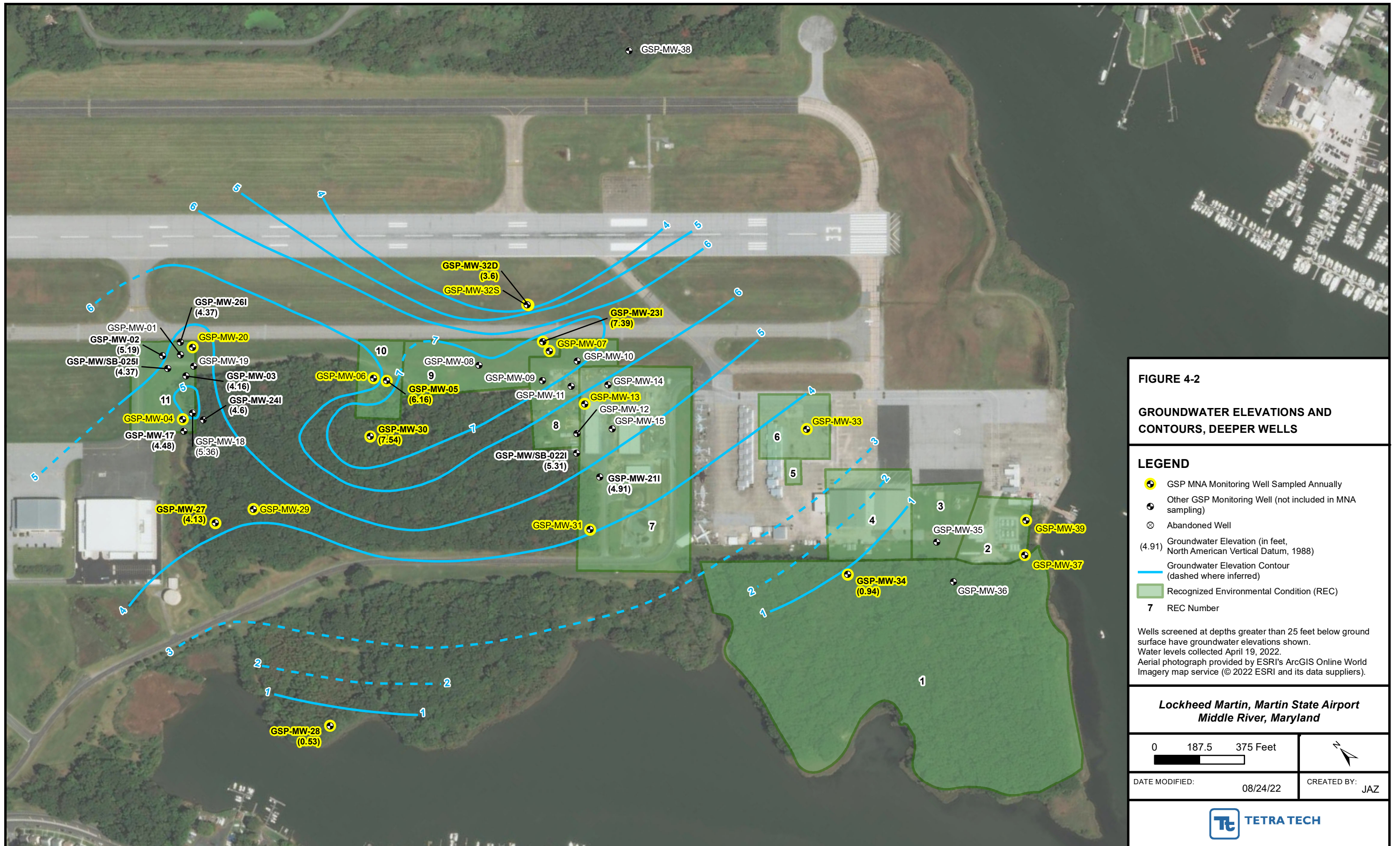
Wells screened at depths less than 25 feet below ground surface have groundwater elevations as shown. Water levels collected April 19, 2022. Aerial photograph provided by ESRI's ArcGIS Online World Imagery map service (© 2022 ESRI and its data suppliers).

**Lockheed Martin, Martin State Airport
 Middle River, Maryland**



DATE MODIFIED: 08/24/22 CREATED BY: JAZ





TABLES

Table 3-1 Proposed Wells for Long-Term Groundwater Sampling, Chemical Analyses, and Sampling Rationale

Table 4-1 Synoptic Water Level Readings, April 2022

Table 4-2 Statistical Summary, Analytes Detected in Groundwater, April 2022

Table 4-3 Groundwater Analytical Results, April 2022

Table 4-4 Summary of Monitored Natural Attenuation Results, April 2022

Table 4-1
Synoptic Water Level Readings, April 2022
Greater Strawberry Point
Martin State Airport, Middle River, Maryland



Tetra Tech

GROUNDWATER LEVEL MEASUREMENT SHEET

Project Name:	GSP LTM / MSA GW	Project No.:	112IC09076
Location:	Greater Strawberry Point	Personnel:	Walt Pryor
Weather Conditions:		Measuring Device:	Solinst WL Meter
Tidally Influenced:	Yes ___ No <u>x</u>	Remarks:	

Well or Piezometer Number	Date	Time	Elevation of Reference Point (feet)*	Total Well Depth (feet)*	Water Level Indicator Reading (feet)*	Thickness of Free Product (feet)*	Groundwater Elevation (feet)*	Comments
GSP-MW-01	4/19/2022	1333	11.13	14.96	2.16		8.97	*Possible data entry or collection error, values vary from past rounds
GSP-MW-02	4/19/2022	1325	11.64	30.13	6.45		5.19	
GSP-MW-03	4/19/2022	1320	7.01	34.97	2.85		4.16	
GSP-MW-04	4/19/2022	1258	7.27	20.49	1.9		5.37	
GSP-MW-05	4/19/2022	1359	9.58	39.56	3.42		6.16	
GSP-MW-06	4/19/2022	1352	8.36	22.42	1.02		7.34	
GSP-MW-07	4/19/2022	1425	8.74	21.64	1.98		6.76	
GSP-MW-08	4/19/2022	1413	9.15	17.03	2.88		6.27	
GSP-MW-09	4/19/2022	1442	14.17	19.78	4.9		9.27	
GSP-MW-10	4/19/2022	1449	9.02	21.36	1.2		7.82	
GSP-MW-11	4/19/2022	1458	13.64	14.57	3.55		10.09	broken dogear
GSP-MW-12	4/19/2022	1506	13.89	14.33	3.9		9.99	
GSP-MW-13	4/19/2022	1502	13.7	22.62	3.6		10.1	
GSP-MW-14	4/19/2022	1515	13.48	11.62	2.95		10.53	broken dogears, missing bolt
GSP-MW-15	4/19/2022	1519	13.71	19.77	3.85		9.86	
GSP-MW-16	4/19/2022	1523	13.13	30.08	3.8		9.33	
GSP-MW-17	4/19/2022	1252	7.78	29.96	3.3		4.48	Missing bolt, broken dogear
GSP-MW-18	4/19/2022	1310	6.61	29.88	1.25		5.36	
GSP-MW-19	4/19/2022	1335	9.85	15.66	3.02		6.83	
GSP-MW-20	4/19/2022	1346	12.41	14.79	6.09		6.32	
GSP-MW-21I	4/19/2022	1526	12.62	60.82	7.71		4.91	
GSP-MW-22I	4/19/2022	1510	13.88	59.27	8.57		5.31	soft bottom
GSP-MW-23I	4/19/2022	1418	10.44	39.52	3.05		7.39	
GSP-MW-24I	4/19/2022	1304	9.67	58.73	5.07		4.6	
GSP-MW-25I	4/19/2022	1315	10.19	58.94	5.82		4.37	
GSP-MW-26I	4/19/2022	1341	13.15	60.46	8.78		4.37	soft bottom
GSP-MW-27	4/19/2022	1610	9.16	31.78	5.03		4.13	soft bottom
GSP-MW-28	4/19/2022	1612	7.62	24.68	7.09		0.53	
GSP-MW-29	4/19/2022	1605	9.03	18.02	3.15		5.88	
GSP-MW-30	4/19/2022	1403	11.11	27.06	3.57		7.54	needs lock
GSP-MW-31	4/19/2022	1533	11	17.46	3.15		7.85	needs lock
GSP-MW-32D	4/19/2022	1438	9.1	68.17	5.5		3.6	
GSP-MW-32S	4/19/2022	1436	8.94	21.68	4.85		4.09	
GSP-MW-33	4/19/2022	1538	8.83	14.53	2.95		5.88	
GSP-MW-34	4/19/2022	1542	9.15	25.73	8.21		0.94	
GSP-MW-35	4/19/2022	1557	7.41	13.34	2.95		4.46	
GSP-MW-36	4/19/2022	1600	10.3	22.17	6.65		3.65	
GSP-MW-37	4/19/2022	1546	6.02	22.63	5.84		0.18	
GSP-MW-38	4/19/2022	1616	13.79	12.86	7.82		5.97	
GSP-MW-39	4/19/2022	1552	5.39	14.74	5.05		0.34	

Blue shaded wells are considered shallow wells (generally less than 25 feet deep) for this investigation.

Table 4-2
Statistical Summary, Analytes Detected in Groundwater, April 2022
Greater Strawberry Point, Martin State Airport, Middle River, Maryland

GREATER STRAWBERRY POINT												
Parameter	Frequency of Detection		Minimum concentration detected	Maximum concentration detected	Location of maximum detected concentration	Sample of maximum detected concentration	Minimum Nondetect	Maximum Nondetect	Average of detected results	Average of All Results	Standard Deviation	Sample Date
	Number	Percent										
Volatile organic compounds (µg/L)												
1,2-DIBROMOETHENE	2/2	100	6 NJ	16 NJ	GSP-MW-32S	GSP-MW-32S-042822	NULL	NULL	11	11	7.071067812	20220428
BENZENE	2/8	25	0.66 J	0.82 J	GSP-MW-23I	GSP-MW-23I-042722	0.42	0.42	0.74	0.3425	0.249041018	20220427
BROMOETHENE	2/2	100	4.4 NJ	6.9 NJ	GSP-MW-32S	GSP-MW-32S-042822	NULL	NULL	5.65	5.65	1.767766953	20220428
CARBON TETRACHLORIDE	3/8	38	0.87 J	24	GSP-MW-32D	GSP-MW-32D-042822	0.26	0.26	13.9566666	5.315	9.560690352	20220428
CHLOROBENZENE	2/8	25	0.43 J	0.63 J	GSP-MW-32S	GSP-MW-32S-042822	0.38	0.38	0.53	0.275	0.166218445	20220428
CHLOROFORM	3/8	38	1.3	17	GSP-MW-32D	GSP-MW-32D-042822	0.47	0.47	7.333333	2.896875	5.825081813	20220428
CIS-1,2-DICHLOROETHENE	6/8	75	1.6	4.4	GSP-MW-28	GSP-MW-28-042822	0.46	0.46	3.2	2.4575	1.737459146	20220428
TRICHLOROETHENE	6/8	75	1.9	790	GSP-MW-32S	GSP-MW-32S-042822	0.44	0.44	162.491666	121.92375	271.6204528	20220428
UNKNOWN*	3/3	100	37 NJ	53 NJ	GSP-MW-32S	GSP-MW-32S-042822	NULL	NULL	43.6666666	43.6666666	8.326663998	20220428
VINYL CHLORIDE	1/8	13	0.72 J	0.79 J	GSP-MW-04	GSP-MW-04-042622-D	0.45	0.45	0.755	0.29125	0.187383297	20220426
Volatile gases (µg/L)												
ETHENE	1/2	50	0.27 J	0.27 J	GSP-MW-32S	GSP-MW-32S-042822	0.27	0.27	0.27	0.20	0.10	20220428
METHANE	2/2	100	0.52 J	110	GSP-MW-32S	GSP-MW-32S-042822	NULL	NULL	55.26	55.26	77.41	20220428
Metals (µg/L)												
BERYLLIUM	3/4	75	0.77 J	27	GSP-MW-33	GSP-MW-33-042722	0.6	0.6	10.01	7.58	12.97	20220427
COBALT	4/4	100	1.8 J	1000	GSP-MW-33	GSP-MW-33-042722	NULL	NULL	354.70	354.70	462.79	20220427
IRON	4/4	100	8100	110000	GSP-MW-37	GSP-MW-37-042922-D	NULL	NULL	48525.00	48525.00	45265.54	20220429
IRON	4/4	100	8100	110000	GSP-MW-37	GSP-MW-37-042922	NULL	NULL	48525.00	48525.00	45265.54	20220429
MANGANESE	4/4	100	180	4900	GSP-MW-37	GSP-MW-37-042922-D	NULL	NULL	2682.50	2682.50	1916.74	20220429
NICKEL	4/4	100	3 J	1400	GSP-MW-33	GSP-MW-33-042722	NULL	NULL	461.75	461.75	652.28	20220427
VANADIUM	1/4	25	17 J	17 J	GSP-MW-33	GSP-MW-33-042722	5.6	5.6	17.00	6.35	7.10	20220427
ZINC	4/4	100	72	1700	GSP-MW-33	GSP-MW-33-042722	NULL	NULL	620.50	620.50	747.35	20220427
Metals, filtered (µg/L)												
BERYLLIUM	3/4	75	0.8 J	27	GSP-MW-33	GSP-MW-33-042722	0.6	0.6	10.30	7.80	12.86	20220427
COBALT	4/4	100	2.4 J	990	GSP-MW-33	GSP-MW-33-042722	NULL	NULL	374.85	374.85	462.00	20220427
IRON	4/4	100	8500	110000	GSP-MW-37	GSP-MW-37-042922	NULL	NULL	47375.00	47375.00	42894.01	20220429
MANGANESE	4/4	100	190	5100	GSP-MW-37	GSP-MW-37-042922-D	NULL	NULL	2747.50	2747.50	2008.41	20220429
MANGANESE	4/4	100	190	5100	GSP-MW-37	GSP-MW-37-042922	NULL	NULL	2747.50	2747.50	2008.41	20220429
NICKEL	4/4	100	2.5 J	1400	GSP-MW-33	GSP-MW-33-042722	NULL	NULL	490.63	490.63	651.67	20220427
VANADIUM	1/4	25	21 J	21 J	GSP-MW-33	GSP-MW-33-042722	5.6	5.6	21.00	7.35	9.10	20220427
ZINC	4/4	100	71	1700	GSP-MW-33	GSP-MW-33-042722	NULL	NULL	670.25	670.25	752.37	20220427
Miscellaneous (mg/L)												
ALKALINITY	5/5	100	5.1	440	GSP-MW-06	GSP-MW-06-042622	NULL	NULL	161.82	161.82	176.72	20220426
Petroleum hydrocarbons (µg/L)												
Diesel-range organics	2/7	29	520 J	820	GSP-MW-05	GSP-MW-05-042622	220	240	670.00	272.50	285.03	20220426

All samples were collected on April 2022.

For non-detects, one-half the sample quantitation limit was used as a proxy concentration.

One-half the detection limit was used for blank (B)-qualified data.

J - estimated value

µg/L - micrograms per liter

mg/L - milligrams per liter

Null - unable to be calculated

*As reported by laboratory.

Table 4-3
Groundwater Analytical Results, April 2022
Greater Strawberry Point, Martin State Airport, Middle River, Maryland
Page 1 of 2

WELL ID	RECOGNIZED ENVIRONMENTAL CONDITION [REC]	MDE groundwater screening level ¹	Residential PRG ²⁾	Construction PRG ²⁾	GSP-MW-04		GSP-MW-20	GSP-MW-27	GSP-MW-28	GSP-MW-29	GSP-MW-05	GSP-MW-06	GSP-MW-30
					REC #11		REC #11	REC #11	REC #11 (downgradient)	REC #11	REC #10	REC #10	REC #10
					GSP-MW-04-042622	GSP-MW-04-042622-D	GSP-MW-20-042622	GSP-MW-27-042522	GSP-MW-28-042822	GSP-MW-29-042522	GSP-MW-05-042622	GSP-MW-06-042622	GSP-MW-30-042822
SAMPLE ID													
SAMPLE DATE					20220426	20220426	20220426	20220425	20220428	20220425	20220426	20220426	20220428
Volatile organic compounds (µg/L)													
1,2-DIBROMOETHENE		NC	NC	NC	--	--	--	--	--	--	--	--	--
BENZENE		5	NC	NC	0.42 U	0.42 U	--	--	0.42 U	--	--	--	--
BROMOETHENE		NC	NC	NC	--	--	--	--	--	--	--	--	--
CARBON TETRACHLORIDE		5	5	NC	0.26 U	0.26 U	--	--	17	--	--	--	--
CHLOROBENZENE		100	NC	NC	0.38 U	0.38 U	--	--	0.38 U	--	--	--	--
CHLOROFORM		80	80	NC	0.47 U	0.47 U	--	--	3.7	--	--	--	--
CIS-1,2-DICHLOROETHENE		70	70	NC	2.7	2.7	--	--	4.4	--	--	--	--
TRICHLOROETHENE		5	5	NC	1.9	2	--	--	25	--	--	--	--
UNKNOWN*		NC	NC	NC	--	--	--	--	37 NJ	--	--	--	--
VINYL CHLORIDE		2	2	NC	0.72 J	0.79 J	--	--	0.45 U	--	--	--	--
Volatile gases (µg/L)													
ETHENE		NC	NC	NC	--	--	--	--	--	--	--	--	--
METHANE		NC	NC	NC	--	--	--	--	--	--	--	--	--
Metals (µg/L)													
BERYLLIUM		4	NC	NC	--	--	--	--	--	--	--	--	--
COBALT		NC	6	NC	--	--	--	--	--	--	--	--	--
IRON		1400	300	NC	--	--	--	--	--	--	--	--	--
MANGANESE		43	50	NC	--	--	--	--	--	--	--	--	--
NICKEL		39	73	NC	--	--	--	--	--	--	--	--	--
VANADIUM		8.6	3.7	NC	--	--	--	--	--	--	--	--	--
ZINC		600	NC	NC	--	--	--	--	--	--	--	--	--
Metals, dissolved (µg/L)													
BERYLLIUM		4	NC	NC	--	--	--	--	--	--	--	--	--
COBALT		NC	6	NC	--	--	--	--	--	--	--	--	--
IRON		1400	300	NC	--	--	--	--	--	--	--	--	--
MANGANESE		43	50	NC	--	--	--	--	--	--	--	--	--
NICKEL		39	73	NC	--	--	--	--	--	--	--	--	--
VANADIUM		8.6	3.7	NC	--	--	--	--	--	--	--	--	--
ZINC		600	NC	NC	--	--	--	--	--	--	--	--	--
Miscellaneous (mg/L)													
ALKALINITY		NC	NC	NC	--	--	--	--	--	--	230	440	54
TPH (µg/L)													
DIESEL-RANGE ORGANICS		47	47	NC	230 U	240 U	520 J	230 U	--	220 U	820	230 U	220 U
Field parameters													
pH (standard units)		NC	NC	NC	5.81	6.18	6.83	5.83	3.64	6.56	7.57	10.83	
SPECIFIC CONDUCTANCE (mS/cm)		NC	NC	NC	0.179	0.247	0.102	0.106	0.037	0.274	0.344	0.072	
DISSOLVED OXYGEN (mg/L)		NC	NC	NC	0	0	0	0	0	0	0	0	
TURBIDITY (NTU)		NC	NC	NC	4.5	7.6	37.8	3.5	5.1	4.8	4.2	11.1	
TEMPERATURE (degrees Celsius)		NC	NC	NC	13.35	13.4	14.24	14.49	12.8	14.16	13.58	13.16	
OXIDATION-REDUCTION POTENTIAL (mV)		NC	NC	NC	44	-23	-96	215	168	118	71	-128	
SALINITY (ppt)		NC	NC	NC	0.1	0.1	0	0	0	0.1	0.2	0	

1 - Screening values are from Maryland Department of the Environment (MDE) Cleanup Standards for Soil and Groundwater, Interim Final Guidance (Update No. 3), October 2018.

2 - Residential and Construction PRGs are from Table 2-4 of the Greater Strawberry Point Feasibility Study (Tetra Tech, 2018)

NOTE: Wells are arranged in ascending order by REC location.

Bold font indicates analyte was detected in sample.

Shading indicates screening value exceeded

*As reported by laboratory.

-- not analyzed

J - estimated value

µg/L - micrograms per liter

mg/L - milligrams per liter

mS/cm - millisiemens per centimeter

mV - millivolts

NC - no criteria

NJ - compound is presumptively present; concentration is estimated

REC - recognized environmental condition

TPH - total petroleum hydrocarbons

Table 4-3
Groundwater Analytical Results, April 2022
Greater Strawberry Point, Martin State Airport, Middle River, Maryland
Page 2 of 2

WELL ID	MDE groundwater screening level ¹	Residential PRG ²⁾	Construction PRG ²⁾	GSP-MW-07	GSP-MW-13	GSP-MW-231	GSP-MW-31	GSP-MW-32D	GSP-MW-32S	GSP-MW-33	GSP-MW-34	GSP-MW-37		GSP-MW-39
				REC #8/#9	REC #8/#9	REC #8/#9	REC #8/#9	REC #8/#9 (NNE)	REC #8/#9 (NNE)	REC #2-#6	REC #2-#6	REC #2-#6	REC #2-#6	REC #2-#6
				GSP-MW-07-042722	GSP-MW-13-042722	GSP-MW-231-042722	GSP-MW-31-042522	GSP-MW-32D-042822	GSP-MW-32S-042822	GSP-MW-33-042722	GSP-MW-34-042922	GSP-MW-37-042922	GSP-MW-37-042922-D	GSP-MW-39-042922
SAMPLE DATE														
				20220427	20220427	20220427	20220425	20220428	20220428	20220427	20220429	20220429	20220429	20220429
Volatile organic compounds (µg/L)														
1,2-DIBROMOETHENE	NC	NC	NC	--	--	6 NJ	--	--	16 NJ	--	--	--	--	--
BENZENE	5	NC	NC	0.42 U	0.42 U	0.82 J	0.42 U	0.42 U	0.66 J	--	--	--	--	--
BROMOETHENE	NC	NC	NC	--	--	4.4 NJ	--	--	6.9 NJ	--	--	--	--	--
CARBON TETRACHLORIDE	5	5	NC	0.26 U	0.26 U	0.26 U	0.26 U	74	0.87 J	--	--	--	--	--
CHLOROBENZENE	100	NC	NC	0.38 U	0.38 U	0.43 J	0.38 U	0.38 U	0.63 J	--	--	--	--	--
CHLOROFORM	80	80	NC	0.47 U	0.47 U	4.2	0.47 U	1.7	1.3	--	--	--	--	--
CIS-1,2-DICHLOROETHENE	70	70	NC	2	0.46 U	4.2	0.46 U	1.6	4.3	--	--	--	--	--
TRICHLOROETHENE	5	5	320	41	0.44 U	91	0.44 U	26	790	--	--	--	--	--
UNKNOWN*	NC	NC	NC	--	--	--	--	41 NJ	53 NJ	--	--	--	--	--
VINYL CHLORIDE	2	2	NC	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	--	--	--	--	--
Volatile gases (µg/L)														
ETHENE	NC	NC	NC	--	--	--	--	0.27 U	0.27 J	--	--	--	--	--
METHANE	NC	NC	NC	--	--	--	--	0.52 J	110	--	--	--	--	--
Metals (µg/L)														
BERYLLIUM	4	NC	NC	--	--	--	--	--	--	27	0.77 J	2.1 J	2.4 J	0.6 U
COBALT	NC	6	NC	--	--	--	--	--	--	1000	37	360	400	1.8 J
IRON	1400	300	NC	--	--	--	--	--	--	54000	22000	110000	110000	8100
MANGANESE	43	50	NC	--	--	--	--	--	--	2900	2800	4800	4900	180
NICKEL	39	73	NC	--	--	--	--	--	--	1400	34 J	380	440	3 J
VANADIUM	8.6	3.7	NC	--	--	--	--	--	--	17 J	5.6 U	5.6 U	5.6 U	5.6 U
ZINC	600	NC	NC	--	--	--	--	--	--	1700	72	480	600	170
Metals, dissolved (µg/L)														
BERYLLIUM	4	NC	NC	--	--	--	--	--	--	27	0.8 J	3 J	3.2 J	0.6 U
COBALT	NC	6	NC	--	--	--	--	--	--	990	37	460	480	2.4 J
IRON	1400	300	NC	--	--	--	--	--	--	54000	22000	110000	100000	8500
MANGANESE	43	50	NC	--	--	--	--	--	--	2900	2800	5100	5100	190
NICKEL	39	73	NC	--	--	--	--	--	--	1400	35 J	510	540	2.5 J
VANADIUM	8.6	3.7	NC	--	--	--	--	--	--	21 J	5.6 U	5.6 U	5.6 U	5.6 U
ZINC	600	NC	NC	--	--	--	--	--	--	1700	71	720	800	150
Miscellaneous (mg/L)														
ALKALINITY	NC	NC	NC	--	--	--	--	80	5.1	--	--	--	--	--
TPH (µg/L)														
DIESEL-RANGE ORGANICS	47	47	NC	--	--	--	--	--	--	--	--	--	--	--
Field parameters														
pH (standard units)	NC	NC	NC	6.18	7.1	5.81	5.41	7.09	4.75	3.8	4.65	6.13	6.93	
SPECIFIC CONDUCTANCE (mS/cm)	NC	NC	NC	0.117	2.38	0.134	0.272	0.064	0.036	0.384	0.149	2.35	0.755	
DISSOLVED OXYGEN (mg/L)	NC	NC	NC	0	0	0	0	2.84	2.4	0	0	0	0	
TURBIDITY (NTU)	NC	NC	NC	6.8	8.03	1.2	6.5	7.7	4.4	0.6	9.67	6.9	2.8	
TEMPERATURE (degrees Celsius)	NC	NC	NC	15.25	16.08	15.37	14.64	14.27	12.97	17.3	15.85	13.58	13.73	
OXIDATION-REDUCTION POTENTIAL (mV)	NC	NC	NC	164	-58	64	100	130	289	277	201	-17	-47	
SALINITY (ppt)	NC	NC	NC	0.1	1.2	0.1	0.1	0	0	0.2	0.1	1.2	0.4	

1 - Screening values are from Maryland Department of the Environment (MDE) Cleanup Standards for Soil and Groundwater, Interim Final Guidance (Update No. 3), October 2018.

2 - Residential and Construction PRGs are from Table 2-4 of the Greater Strawberry Point Feasibility Study (Tetra Tech, 2018)

NOTE: Wells are arranged in ascending order by REC location.

Bold font indicates analyte was detected in sample.

Shading indicates screening value exceeded

*As reported by laboratory.

-- not analyzed

J - estimated value

µg/L - micrograms per liter

mg/L - milligrams per liter

mS/cm - millisiemens per centimeter

mV - millivolts

NC - no criteria

NJ - compound is presumptively present; concentration is estimated

REC - recognized environmental condition

TPH - total petroleum hydrocarbons

Table 4-4

Summary of Monitored Natural Attenuation Results, April 2022
 Greater Strawberry Point, Martin State Airport, Middle River, Maryland

WELL ID	GSP-MW-05	GSP-MW-06	GSP-MW-30	GSP-MW-32D	GSP-MW-32S
RECOGNIZED ENVIRONMENTAL CONDITION [REC]	REC #10	REC #10	REC #10	REC #8/#9 (NNE)	REC #8/#9 (NNE)
SAMPLE ID	GSP-MW-05-042622	GSP-MW-06-042622	GSP-MW-30-042822	GSP-MW-32D-042822	GSP-MW-32S-042822
SAMPLE DATE	20220426	20220426	20220428	20220428	20220428
Volatile gases (µg/L)					
ETHENE	NS	NS	NS	0.27 U	0.27 J
METHANE	NS	NS	NS	0.52 J	110
Miscellaneous (mg/L)					
ALKALINITY	230	440	54	80	5.1
Field parameters					
pH (standard units)	6.56	7.57	10.83	7.09	4.75
SPECIFIC CONDUCTANCE (mS/cm)	0.274	0.344	0.072	0.064	0.036
DISSOLVED OXYGEN (mg/L)	0.00	0.00	0.00	2.84	2.4
TURBIDITY (NTU)	4.8	4.2	11.1	7.7	4.4
TEMPERATURE (degrees Celsius)	14.16	13.58	13.16	14.27	12.97
OXIDATION-REDUCTION POTENTIAL (mV)	118	71	-128	130	289
SALINITY (ppt)	0.1	0.2	0.0	0.0	0.0

NOTE: Wells are arranged in ascending order by REC location.

J - estimated value

µg/L - micrograms per liter

mg/L - milligrams per liter

mS/cm - milliSiemens per centimeter

mV - millivolts

REC - recognized environmental condition

ppt - parts per thousand

NS - not sampled

APPENDICES

-
- Appendix A—Baseline Sampling Results Summary**
- Appendix B— Groundwater Level Measurements and Monitoring Well Purging and Sampling Records**
- Appendix C—Investigation-Derived Waste Documentation**
- Appendix D—Data-Validation Reports with Chain-of-Custody Forms**
- Appendix E—Full Laboratory Analytical Reports**
- Appendix F—Analytical Data Table— April 2022**
- Appendix G—Mann-Kendall (Nonparametric) Analyses**

APPENDIX A—BASELINE SAMPLING RESULTS SUMMARY

Area or Recognized Environmental Condition (REC) LOCATION SAMPLE ID SAMPLE DATE	MDE groundwater screening values ¹	GSP-MW-01								GSP-MW-02			
		GSP-MW-01				GSP-MW-02				GSP-MW-02			
		GSP-MW-01-080620	GSP-MW-01-111620	GSP-MW-01-020521	GSP-MW-01-050321	GSP-MW-02-080620	GSP-MW-02-111620	GSP-MW-02-020321	GSP-MW-02-050321	GSP-MW-02-080620	GSP-MW-02-111620	GSP-MW-02-020321	GSP-MW-02-050321
		20200806	20201116	20210205	20210503	20200806	20201116	20210203	20210503				
METALS FILTERED (UG/L)													
ARSENIC	10	--	--	--	--	--	--	--	--	--	--	--	--
BERYLLIUM	4	--	--	--	--	--	--	--	--	--	--	--	--
CADMIUM	5	--	--	--	--	--	--	--	--	--	--	--	--
CALCIUM	NC	--	--	--	--	--	--	--	--	--	--	--	--
CHROMIUM	100	--	--	--	--	--	--	--	--	--	--	--	--
COPPER	1300	--	--	--	--	--	--	--	--	--	--	--	--
IRON	1400	--	--	--	--	--	--	--	--	--	--	--	--
LEAD	15	--	--	--	--	--	--	--	--	--	--	--	--
MAGNESIUM	NC	--	--	--	--	--	--	--	--	--	--	--	--
MANGANESE	43	--	--	--	--	--	--	--	--	--	--	--	--
NICKEL	39	--	--	--	--	--	--	--	--	--	--	--	--
POTASSIUM	NC	--	--	--	--	--	--	--	--	--	--	--	--
SELENIUM	50	--	--	--	--	--	--	--	--	--	--	--	--
SILICON	NC	--	--	--	--	--	--	--	--	--	--	--	--
SODIUM	NC	--	--	--	--	--	--	--	--	--	--	--	--
THALLIUM	2	--	--	--	--	--	--	--	--	--	--	--	--
ZINC	600	--	--	--	--	--	--	--	--	--	--	--	--
MISCELLANEOUS (MG/L)													
ACETIC ACID	NC	--	--	--	--	--	--	--	--	--	--	--	--
ALKALINITY	NC	--	--	--	--	--	--	--	--	--	--	--	--
AMMONIA	NC	--	--	--	--	--	--	--	--	--	--	--	--
CHLORIDE	NC	--	--	--	--	--	--	--	--	--	--	--	--
DISSOLVED ORGANIC CARBON	NC	--	--	--	--	--	--	--	--	--	--	--	--
LACTIC ACID	NC	--	--	--	--	--	--	--	--	--	--	--	--
NITRATE-N	NC	--	--	--	--	--	--	--	--	--	--	--	--
NITRITE-N	NC	--	--	--	--	--	--	--	--	--	--	--	--
ORTHOPHOSPHATE-P	NC	--	--	--	--	--	--	--	--	--	--	--	--
SULFATE	NC	--	--	--	--	--	--	--	--	--	--	--	--
TOTAL DISSOLVED SOLIDS	NC	--	--	--	--	--	--	--	--	--	--	--	--
PETROLEUM HYDROCARBONS (UG/L)													
TPH (C10-C32)	47	240 U	230 U	200 U	240 U	220 U	240 U	250 U	230 U				
FIELD													
TEMPERATURE (deg C)	NC	23.77	16.82	10.78	15.68	17.71	16.39	8.92	16.17				
DISSOLVED OXYGEN (mg/L)	NC	1.37	0.04	0.71	0	0	0	1	0				
FERROUS IRON (mg/L)	NC	--	--	--	--	--	--	--	--				
SPECIFIC CONDUCTANCE (ms/cm)	NC	0.112	1.3	0.789	1.48	0.02	0.02	0.034	0.041				
OXIDATION REDUCTION POTENTIAL (mv)	NC	457	-35	31	-17	279	227	327	290				
TURBIDITY (ntu)	NC	1.88	9.12	6.5	0.76	5.07	40.3	5.36	0.19				
SALINITY (ppt)	NC	0.1	0.6	0.038	0.73	0	0.01	0	0.02				
PH (s.u.)	NC	3.6	6.83	7.46	6.87	4.28	4.53	4.72	4.63				

Wells are grouped by Area or Recognized Environmental Condition (REC).
Well IDs for each area are shaded different colors.

1 - Screening values are from Maryland Department of the Environment (MDE) Cleanup Standards for Soil and Groundwater, Interim Final Guidance (Update No. 3), October 2018.

Shading indicates screening value exceeded

J - estimated value

µg/L - micrograms per liter

mg/L - milligrams per liter

NC- no criteria

-- = Not Analyzed.

Area or Recognized Environmental Condition (REC) LOCATION SAMPLE ID SAMPLE DATE	MDE groundwater screening values ¹	REC #11							
		GSP-MW-20				GSP-MW-04			
		GSP-MW-20-080520	GSP-MW-20-111720	GSP-MW-20-021021	GSP-MW-20-051021	GSP-MW-04-073020	GSP-MW-04-111720	GSP-MW-04-020521	GSP-MW-04-050521
		20200805	20201117	20210210	20210510	20200730	20201117	20210205	20210505
VOLATILES (UG/L)									
1,2-DICHLOROETHANE	5	--	--	--	--	--	--	--	--
1,2-DICHLOROPROPANE	5	--	--	--	--	--	--	--	--
ACETONE	1400	--	--	--	--	--	--	--	--
BENZENE	5	--	--	--	--	--	--	--	--
CARBON DISULFIDE	81	--	--	--	--	--	--	--	--
CARBON TETRACHLORIDE	5	--	--	--	--	--	--	--	--
CHLOROBENZENE	100	--	--	--	--	--	--	--	--
CHLOROFORM	80	--	--	--	--	--	--	--	--
CIS-1,2-DICHLOROETHENE	70	--	--	--	--	--	--	--	--
ETHYLBENZENE	700	--	--	--	--	--	--	--	--
M+P-XYLENES	NC	--	--	--	--	--	--	--	--
METHYL TERT-BUTYL ETHER	20	--	--	--	--	--	--	--	--
METHYLENE CHLORIDE	5	--	--	--	--	--	--	--	--
O-XYLENE	NC	--	--	--	--	--	--	--	--
TERTIARY-BUTYL ALCOHOL	NC	--	--	--	--	--	--	--	--
TOLUENE	1000	--	--	--	--	--	--	--	--
TOTAL XYLENES	1000	--	--	--	--	--	--	--	--
TRICHLOROETHENE	5	--	--	--	--	--	--	--	--
TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/L)									
1-PROPENE, 2-METHYL-	NC	--	--	--	--	--	--	--	--
ETHENE, 1,2-DIBROMO-	NC	--	--	--	--	--	--	--	--
ETHENE, BROMO-	NC	--	--	--	--	--	--	--	--
SULFUR DIOXIDE	NC	--	--	--	--	--	--	--	--
VOLATILE GASES (UG/L)									
ETHANE	NC	0.29 U	0.29 U	0.29 U	0.29 U	--	--	--	--
ETHENE	NC	0.27 U	0.29 J	0.27 U	0.27 U	--	--	--	--
METHANE	NC	22	820	580	710	--	--	--	--
HALOACETIC ACIDS (UG/L)									
DICHLOROACETIC ACID	NC	0.98 U	0.98 U	9.8 U	0.98 U	--	--	--	--
TRICHLOROACETIC ACID	NC	0.38 U	0.38 U	3.8 U	0.92 J	--	--	--	--
METALS (UG/L)									
ARSENIC	10	5.1 J	--	--	4.1 U	--	--	--	--
BERYLLIUM	4	0.6 U	--	--	0.6 U	--	--	--	--
CADMIUM	5	0.2 U	--	--	0.2 U	--	--	--	--
CALCIUM	NC	6900	20000	31000	26000	--	--	--	--
CHROMIUM	100	3 J	--	--	7.1 U	--	--	--	--
COPPER	1300	9.9 J	--	--	3.5 U	--	--	--	--
IRON	1400	--	43000	5900	21000	--	--	--	--
LEAD	15	2.8 U	--	--	2.8 U	--	--	--	--
MAGNESIUM	NC	5200	13000	18000	19000	--	--	--	--
MANGANESE	43	--	290	190	260	--	--	--	--
NICKEL	39	16 J	--	--	16 U	--	--	--	--
POTASSIUM	NC	1500 U	2300 J	3000 J	1900 J	--	--	--	--
SELENIUM	50	6 U	--	--	6 U	--	--	--	--
SILICON	NC	4600	--	--	5700	--	--	--	--
SILICON DIOXIDE	NC	--	16000	14000	--	--	--	--	--
SODIUM	NC	11000	--	--	32000	--	--	--	--
THALLIUM	2	2.7 U	--	--	3.2 U	--	--	--	--
ZINC	600	500	--	--	210	--	--	--	--

Area or Recognized Environmental Condition (REC) LOCATION SAMPLE ID SAMPLE DATE	MDE groundwater screening values ¹	REC #11							
		GSP-MW-20				GSP-MW-04			
		GSP-MW-20-080520	GSP-MW-20-111720	GSP-MW-20-021021	GSP-MW-20-051021	GSP-MW-04-073020	GSP-MW-04-111720	GSP-MW-04-020521	GSP-MW-04-050521
	20200805	20201117	20210210	20210510	20200730	20201117	20210205	20210505	
METALS FILTERED (UG/L)									
ARSENIC	10	--	--	--	4.1 U	--	--	--	--
BERYLLIUM	4	--	--	--	0.6 U	--	--	--	--
CADMIUM	5	--	--	--	0.28 U	--	--	--	--
CALCIUM	NC	--	--	--	36000	--	--	--	--
CHROMIUM	100	--	--	--	6.2 U	--	--	--	--
COPPER	1300	--	--	--	5 U	--	--	--	--
IRON	1400	--	48000	1700	14000	--	--	--	--
LEAD	15	--	--	--	2.8 U	--	--	--	--
MAGNESIUM	NC	--	--	--	26000	--	--	--	--
MANGANESE	43	--	250 J	190	290	--	--	--	--
NICKEL	39	--	--	--	16 U	--	--	--	--
POTASSIUM	NC	--	--	--	2200 J	--	--	--	--
SELENIUM	50	--	--	--	6 U	--	--	--	--
SILICON	NC	--	--	--	5800	--	--	--	--
SODIUM	NC	--	--	--	36000	--	--	--	--
THALLIUM	2	--	--	--	4.4 U	--	--	--	--
ZINC	600	--	--	--	330	--	--	--	--
MISCELLANEOUS (MG/L)									
ACETIC ACID	NC	--	--	1.5 U	0.29 U	--	--	--	--
ALKALINITY	NC	30	150	160	220	--	--	--	--
AMMONIA	NC	1.1 J	3.6	1.4 J	2	--	--	--	--
CHLORIDE	NC	6.5	17	16	19	--	--	--	--
DISSOLVED ORGANIC CARBON	NC	43	65	37	59	--	--	--	--
LACTIC ACID	NC	--	--	1.6 U	0.55 J	--	--	--	--
NITRATE-N	NC	2.6	7.8	0.21 J	0.18 U	--	--	--	--
NITRITE-N	NC	0.014 U	0.014 U	0.024 J	0.014 J	--	--	--	--
ORTHOPHOSPHATE-P	NC	0.047 J	0.098 J	0.04 U	0.04 U	--	--	--	--
SULFATE	NC	13	17	20	24	--	--	--	--
TOTAL DISSOLVED SOLIDS	NC	110	370	350	390	--	--	--	--
PETROLEUM HYDROCARBONS (UG/L)									
TPH (C10-C32)	47	220 U	550	590	620	230 U	230 U	210 U	220 U
FIELD									
TEMPERATURE (deg C)	NC	22.86	16.53	7	20	21.4	14.26	11.11	13.94
DISSOLVED OXYGEN (mg/L)	NC	0	0	0	0	0	0	0	0
FERROUS IRON (mg/L)	NC	--	--	--	--	--	--	--	--
SPECIFIC CONDUCTANCE (ms/cm)	NC	0.286	0.261	0.295	0.392	0.268	0.39	0.301	0.392
OXIDATION REDUCTION POTENTIAL (mv)	NC	-55	-11	186	80	67	120	95	99
TURBIDITY (ntu)	NC	10.66	4.27	9.41	6.59	7.65	3.54	6.97	3.75
SALINITY (ppt)	NC	0.1	0.12	0.1	0.19	0.1	0.2	0.014	0.19
PH (s.u.)	NC	5.76	5.83	5.77	6.52	5.68	5.25	6.16	6.48

Wells are grouped by Area or Recognized Environmental Condition (REC).
Well IDs for each area are shaded different colors.

1 - Screening values are from Maryland Department of the Environment (MDE) Cleanup Standards for Soil and Groundwater, Interim Final Guidance (Update No. 3), October 2018.

Shading indicates screening value exceeded

J - estimated value

µg/L - micrograms per liter

mg/L - milligrams per liter

NC- no criteria

-- = Not Analyzed.

Area or Recognized Environmental Condition (REC) LOCATION SAMPLE ID SAMPLE DATE	MDE groundwater screening values ¹	GSP-MW-24I									GSP-MW-27			
		GSP-MW-24I-0808320	GSP-MW-24I-111920	GSP-MW-24I-020821	GSP-MW-24I-051021	GSP-MW-27-080720	GSP-MW-27-111920	GSP-MW-27-020321	GSP-MW-27-050321	GSP-MW-27-050621				
		20200803	20201119	20210208	20210510	20200807	20201119	20210203	20210503	20210506				
METALS FILTERED (UG/L)														
ARSENIC	10	--	--	--	4.1 U	--	--	--	--	--	--	--	69	
BERYLLIUM	4	--	--	--	3.3 U	--	--	--	--	--	--	--	0.6 U	
CADMIUM	5	--	--	--	0.2 U	--	--	--	--	--	--	--	0.2 U	
CALCIUM	NC	--	--	--	1100 J	--	--	--	--	--	--	--	23000	
CHROMIUM	100	--	--	--	0.75 U	--	--	--	--	--	--	--	2.5 U	
COPPER	1300	--	--	--	3.5 U	--	--	--	--	--	--	--	3.5 U	
IRON	1400	--	3700	1300	1300	--	16000	27000	--	--	--	--	52000	
LEAD	15	--	--	--	2.8 U	--	--	--	--	--	--	--	2.8 U	
MAGNESIUM	NC	--	--	--	590 J	--	--	--	--	--	--	--	5000	
MANGANESE	43	--	88	100	86	--	410	460	--	--	--	--	440	
NICKEL	39	--	--	--	11 U	--	--	--	--	--	--	--	2.2 U	
POTASSIUM	NC	--	--	--	670 J	--	--	--	--	--	--	--	2400 J	
SELENIUM	50	--	--	--	6 U	--	--	--	--	--	--	--	6 U	
SILICON	NC	--	--	--	4200	--	--	--	--	--	--	--	8800	
SODIUM	NC	--	--	--	2900 J	--	--	--	--	--	--	--	14000	
THALLIUM	2	--	--	--	4.2 U	--	--	--	--	--	--	--	2.7 U	
ZINC	600	--	--	--	15 J	--	--	--	--	--	--	--	9.7 U	
MISCELLANEOUS (MG/L)														
ACETIC ACID	NC	--	--	0.29 U	0.29 U	--	--	1.5 U	--	--	--	--	29	
ALKALINITY	NC	13	7	5.6	5.7	68	59	60	--	--	--	--	69	
AMMONIA	NC	0.46 U	0.73 J	2	0.46 U	0.84 J	0.5 J	0.23 U	--	--	--	--	1.1 J	
CHLORIDE	NC	5.5	5.5	5.4	6	49	48	41	--	--	--	--	34	
DISSOLVED ORGANIC CARBON	NC	0.85 U	0.51 U	0.92 J	1	6.3	4	8.4	--	--	--	--	14	
LACTIC ACID	NC	--	--	0.31 U	0.31 U	--	--	1.6 U	--	--	--	--	0.31 U	
NITRATE-N	NC	0.014 U	0.014 U	0.014 UJ	0.036 U	0.014 U	0.07 UJ	0.014 U	--	--	--	--	0.036 U	
NITRITE-N	NC	0.014 U	0.014 U	0.014 UJ	0.014 U	0.014 U	0.014 UJ	0.014 U	--	--	--	--	0.014 U	
ORTHOPHOSPHATE-P	NC	0.04 U	0.04 U	0.064 J	0.04 U	0.8 U	0.16 J	0.043 J	--	--	--	--	0.04 U	
SULFATE	NC	0.39 J	0.7 J	0.47 J	0.81 J	23	10	7.1	--	--	--	--	1.1	
TOTAL DISSOLVED SOLIDS	NC	28	42	24	24	220	150	160	--	--	--	--	160	
PETROLEUM HYDROCARBONS (UG/L)														
TPH (C10-C32)	47	--	--	--	--	260 U	240 U	230 U	--	--	--	--	240 U	
FIELD														
TEMPERATURE (deg C)	NC	23.68	13.3	8.37	14.11	18.79	13.71	9.33	12.81	--	--	--	--	
DISSOLVED OXYGEN (mg/L)	NC	0.31	0	2.04	0	1.33	0	0	0	--	--	--	--	
FERROUS IRON (mg/L)	NC	0	--	0	2	--	--	--	10	--	--	--	--	
SPECIFIC CONDUCTANCE (ms/cm)	NC	0.023	0.037	0.034	0.031	0.179	0.32	0.234	0.397	--	--	--	--	
OXIDATION REDUCTION POTENTIAL (mv)	NC	139	194	161	313	-61	-55	28	-94	--	--	--	--	
TURBIDITY (ntu)	NC	3.65	9.38	1.25	0.5	54	38	26.3	21	--	--	--	--	
SALINITY (ppt)	NC	0	0	0	0.01	0.1	0.2	0.012	0.19	--	--	--	--	
PH (s.u.)	NC	5.34	4.79	5.82	5.76	6.27	6.29	7.08	6.75	--	--	--	--	

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Well IDs for each area are shaded different colors.

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Shading indicates screening value exceeded

J - estimated value

µg/L - micrograms per liter

mg/L - milligrams per liter

NC- no criteria

-- = Not Analyzed.

Area or Recognized Environmental Condition (REC) LOCATION SAMPLE ID SAMPLE DATE	MDE groundwater screening values ¹	GSP-MW-29				Downgradient GSP-MW-28			
		GSP-MW-29-080720	GSP-MW-29-111920	GSP-MW-29-020421	GSP-MW-29-050621	GSP-MW-28-073120	GSP-MW-28-112020	GSP-MW-28-020521	GSP-MW-28-050621
		20200807	20201119	20210204	20210506	20200731	20201120	20210205	20210506
VOLATILES (UG/L)									
1,2-DICHLOROETHANE	5	0.43 U	0.21 U	0.21 U	0.21 U	0.43 U	0.21 U	0.21 U	0.21 U
1,2-DICHLOROPROPANE	5	0.37 U	0.15 U	0.15 U	0.15 U	0.37 U	0.15 U	0.15 U	0.15 U
ACETONE	1400	5.4 U	5.4 U	5.4 U	5.4 U	5.4 U	5.4 U	5.4 U	5.4 U
BENZENE	5	0.38 U	0.13 U	0.13 U	0.13 U	0.38 U	0.13 U	0.13 U	0.13 U
CARBON DISULFIDE	81	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
CARBON TETRACHLORIDE	5	0.26 U	0.26 U	0.26 U	0.26 U	10	19	16	19
CHLOROBENZENE	100	0.32 U	0.14 U	0.14 U	0.14 U	0.32 U	0.14 U	0.14 U	0.14 U
CHLOROFORM	80	0.4 U	0.13 U	0.13 U	0.13 U	4.2	3.7	3.4	3.7
CIS-1,2-DICHLOROETHENE	70	0.38 U	0.16 U	0.16 U	0.16 U	3.2	4.1	4.3	4.7
ETHYLBENZENE	700	0.39 U	0.16 J	0.11 U	0.11 U	0.39 U	0.11 U	0.11 U	0.11 U
M+P-XYLENES	NC	0.4 U	0.72 J	0.08 U	0.08 U	0.4 U	0.08 U	0.08 U	0.08 U
METHYL TERT-BUTYL ETHER	20	0.44 U	0.07 U	0.07 U	0.07 U	0.44 U	0.07 U	0.07 U	0.07 U
METHYLENE CHLORIDE	5	1.3 U	2.6 U	2.6 U	2.6 U	1.3 U	2.6 U	2.6 U	2.6 U
O-XYLENE	NC	0.43 U	0.11 J	0.09 U	0.09 U	0.43 U	0.09 U	0.09 U	0.09 U
TERTIARY-BUTYL ALCOHOL	NC	1.7 UJ	1.7 U	1.7 UJ	1.7 UJ	1.7 UJ	1.7 U	1.7 UJ	1.7 UJ
TOLUENE	1000	0.35 U	0.14 U	0.14 U	0.14 U	0.35 U	0.14 U	0.14 U	0.14 U
TOTAL XYLENES	1000	0.42 U	0.83 J	0.15 U	0.15 U	0.42 U	0.15 U	0.15 U	0.15 U
TRICHLOROETHENE	5	0.36 U	0.1 U	0.1 U	0.1 U	22	29	24	28
TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/L)									
1-PROPENE, 2-METHYL-	NC	--	--	--	--	--	--	--	--
ETHENE, 1,2-DIBROMO-	NC	--	--	--	--	--	--	--	--
ETHENE, BROMO-	NC	--	--	--	--	--	--	--	--
SULFUR DIOXIDE	NC	--	--	--	--	--	--	--	--
VOLATILE GASES (UG/L)									
ETHANE	NC	1.3	0.3 J	0.29 U	0.29 U	--	--	--	--
ETHENE	NC	0.56 J	0.27 U	0.27 U	0.27 U	--	--	--	--
METHANE	NC	12	190	220	200	--	--	--	--
HALOACETIC ACIDS (UG/L)									
DICHLOROACETIC ACID	NC	0.98 U	0.98 U	0.98 U	0.98 U	--	--	--	--
TRICHLOROACETIC ACID	NC	0.38 U	0.38 U	0.38 U	0.38 U	--	--	--	--
METALS (UG/L)									
ARSENIC	10	6.6 J	--	--	4.1 U	--	--	--	--
BERYLLIUM	4	0.6 U	--	--	0.6 U	--	--	--	--
CADMIUM	5	0.2 U	--	--	0.2 U	--	--	--	--
CALCIUM	NC	1300 J	800 J	570 U	480 J	--	--	--	--
CHROMIUM	100	9.1 J	--	--	5.1 U	--	--	--	--
COPPER	1300	3.5 U	--	--	3.5 U	--	--	--	--
IRON	1400	--	12000	8800	9000	--	--	--	--
LEAD	15	2.8 U	--	--	2.8 U	--	--	--	--
MAGNESIUM	NC	1700 J	1700 J	1100 J	1100 J	--	--	--	--
MANGANESE	43	--	25	20	18	--	--	--	--
NICKEL	39	9 J	--	--	8 J	--	--	--	--
POTASSIUM	NC	830 J	560 U	3600 U	560 U	--	--	--	--
SELENIUM	50	6 U	--	--	6 U	--	--	--	--
SILICON	NC	11000	--	--	5300	--	--	--	--
SILICON DIOXIDE	NC	--	14000 J	9400	--	--	--	--	--
SODIUM	NC	3900 J	--	--	2300 U	--	--	--	--
THALLIUM	2	2.7 U	--	--	2.7 U	--	--	--	--
ZINC	600	53	--	--	25 J	--	--	--	--

Area or Recognized Environmental Condition (REC) LOCATION SAMPLE ID SAMPLE DATE	MDE groundwater screening values ¹	GSP-MW-29				Downgradient GSP-MW-28			
		GSP-MW-29-080720	GSP-MW-29-111920	GSP-MW-29-020421	GSP-MW-29-050621	GSP-MW-28-073120	GSP-MW-28-112020	GSP-MW-28-020521	GSP-MW-28-050621
		20200807	20201119	20210204	20210506	20200731	20201120	20210205	20210506
METALS FILTERED (UG/L)									
ARSENIC	10	--	--	--	4.1 U	--	--	--	--
BERYLLIUM	4	--	--	--	0.6 U	--	--	--	--
CADMIUM	5	--	--	--	0.2 U	--	--	--	--
CALCIUM	NC	--	--	--	500 J	--	--	--	--
CHROMIUM	100	--	--	--	4.8 U	--	--	--	--
COPPER	1300	--	--	--	3.5 U	--	--	--	--
IRON	1400	--	12000	8100	8800	--	--	--	--
LEAD	15	--	--	--	2.8 U	--	--	--	--
MAGNESIUM	NC	--	--	--	1100 U	--	--	--	--
MANGANESE	43	--	30	19	19	--	--	--	--
NICKEL	39	--	--	--	7 J	--	--	--	--
POTASSIUM	NC	--	--	--	560 U	--	--	--	--
SELENIUM	50	--	--	--	6 U	--	--	--	--
SILICON	NC	--	--	--	5000	--	--	--	--
SODIUM	NC	--	--	--	2200 U	--	--	--	--
THALLIUM	2	--	--	--	2.7 U	--	--	--	--
ZINC	600	--	--	--	23 J	--	--	--	--
MISCELLANEOUS (MG/L)									
ACETIC ACID	NC	--	--	1.5 U	0.29 U	--	--	--	--
ALKALINITY	NC	8.6	2.6 U	2.6 U	2.6 U	--	--	--	--
AMMONIA	NC	0.56 J	0.56 J	0.23 U	1.7 J	--	--	--	--
CHLORIDE	NC	6.4	4.9	4.1	3.7	--	--	--	--
DISSOLVED ORGANIC CARBON	NC	19	18	20	17	--	--	--	--
LACTIC ACID	NC	--	--	1.6 U	0.31 U	--	--	--	--
NITRATE-N	NC	0.014 U	0.014 U	0.028 J	0.036 U	--	--	--	--
NITRITE-N	NC	0.014 U	0.014 U	0.031 J	0.014 U	--	--	--	--
ORTHOPHOSPHATE-P	NC	0.2 U	0.04 U	0.04 U	0.04 U	--	--	--	--
SULFATE	NC	23	20 J	12	13	--	--	--	--
TOTAL DISSOLVED SOLIDS	NC	100	100	71	64	--	--	--	--
PETROLEUM HYDROCARBONS (UG/L)									
TPH (C10-C32)	47	260 U	230 U	230 U	230 U	220 U	230 U	22 U	240 U
FIELD									
TEMPERATURE (deg C)	NC	21.52	14.75	9.09	12.6	16.54	15.14	11.3	12.78
DISSOLVED OXYGEN (mg/L)	NC	0	0	0	0	0	0	0	0
FERROUS IRON (mg/L)	NC	6	--	10	10	3.4	--	0	0
SPECIFIC CONDUCTANCE (ms/cm)	NC	0.05	0.084	0.047	0.058	0.201	0.25	0.209	0.277
OXIDATION REDUCTION POTENTIAL (mv)	NC	78	147	182	126	-274	260	309	216
TURBIDITY (ntu)	NC	46.2	1.54	0	3.38	1.45	0.04	1.64	2.76
SALINITY (ppt)	NC	0	0	0.002	0.03	0.1	0.1	0.1	0.13
PH (s.u.)	NC	4.83	4.3	4.79	4.84	5.28	4.87	5.2	5

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Shading indicates screening value exceeded

J - estimated value

µg/L - micrograms per liter

mg/L - milligrams per liter

NC- no criteria

-- = Not Analyzed.

Area or Recognized Environmental Condition (REC) LOCATION SAMPLE ID SAMPLE DATE	MDE groundwater screening values ¹	REC #10							
		GSP-MW-05				GSP-MW-06			
		GSP-MW-05-080320 20200803	GSP-MW-05-111720 20201117	GSP-MW-05-020821 20210208	GSP-MW-05-051021 20210510	GSP-MW-06-073020 20200730	GSP-MW-06-112020 20201120	GSP-MW-06-020521 20210205	GSP-MW-06-050421 20210504
VOLATILES (UG/L)									
1,2-DICHLOROETHANE	5	--	--	--	--	--	--	--	--
1,2-DICHLOROPROPANE	5	--	--	--	--	--	--	--	--
ACETONE	1400	--	--	--	--	--	--	--	--
BENZENE	5	--	--	--	--	--	--	--	--
CARBON DISULFIDE	81	--	--	--	--	--	--	--	--
CARBON TETRACHLORIDE	5	--	--	--	--	--	--	--	--
CHLOROBENZENE	100	--	--	--	--	--	--	--	--
CHLOROFORM	80	--	--	--	--	--	--	--	--
CIS-1,2-DICHLOROETHENE	70	--	--	--	--	--	--	--	--
ETHYLBENZENE	700	--	--	--	--	--	--	--	--
M+P-XYLENES	NC	--	--	--	--	--	--	--	--
METHYL TERT-BUTYL ETHER	20	--	--	--	--	--	--	--	--
METHYLENE CHLORIDE	5	--	--	--	--	--	--	--	--
O-XYLENE	NC	--	--	--	--	--	--	--	--
TERTIARY-BUTYL ALCOHOL	NC	--	--	--	--	--	--	--	--
TOLUENE	1000	--	--	--	--	--	--	--	--
TOTAL XYLENES	1000	--	--	--	--	--	--	--	--
TRICHLOROETHENE	5	--	--	--	--	--	--	--	--
TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/L)									
1-PROPENE, 2-METHYL-	NC	--	--	--	--	--	--	--	--
ETHENE, 1,2-DIBROMO-	NC	--	--	--	--	--	--	--	--
ETHENE, BROMO-	NC	--	--	--	--	--	--	--	--
SULFUR DIOXIDE	NC	--	--	--	--	--	--	--	--
VOLATILE GASES (UG/L)									
ETHANE	NC	0.29 U	0.29 U	0.29 U	0.29 U	--	--	--	--
ETHENE	NC	0.27 U	0.27 U	0.27 U	0.27 U	--	--	--	--
METHANE	NC	120	71	15	130	--	--	--	--
HALOACETIC ACIDS (UG/L)									
DICHLOROACETIC ACID	NC	0.98 U	0.98 U	0.98 U	0.98 U	--	--	--	--
TRICHLOROACETIC ACID	NC	0.38 U	0.38 U	0.8 J	0.38 U	--	--	--	--
METALS (UG/L)									
ARSENIC	10	4.1 U	--	--	4.1 U	--	--	--	--
BERYLLIUM	4	0.6 U	--	--	0.6 U	--	--	--	--
CADMIUM	5	0.34 J	--	--	0.43 U	--	--	--	--
CALCIUM	NC	7000	66000	73000	66000	--	--	--	--
CHROMIUM	100	2 U	--	--	0.67 U	--	--	--	--
COPPER	1300	3.5 U	--	--	3.5 U	--	--	--	--
IRON	1400	--	360	130 J	510	--	--	--	--
LEAD	15	2.8 U	--	--	2.8 U	--	--	--	--
MAGNESIUM	NC	48000	40000	31000	44000	--	--	--	--
MANGANESE	43	--	350	100	420	--	--	--	--
NICKEL	39	3 J	--	--	3.1 U	--	--	--	--
POTASSIUM	NC	8300	8700	7200	8300	--	--	--	--
SELENIUM	50	6 U	--	--	6 U	--	--	--	--
SILICON	NC	1000	--	--	1100	--	--	--	--
SILICON DIOXIDE	NC	--	3900	16000	--	--	--	--	--
SODIUM	NC	11000	--	--	10000	--	--	--	--
THALLIUM	2	2.7 U	--	--	2.7 U	--	--	--	--
ZINC	600	9.7 U	--	--	9.7 U	--	--	--	--

Area or Recognized Environmental Condition (REC) LOCATION SAMPLE ID SAMPLE DATE	MDE groundwater screening values ¹	REC #10							
		GSP-MW-05				GSP-MW-06			
		GSP-MW-05-080320 20200803	GSP-MW-05-111720 20201117	GSP-MW-05-020821 20210208	GSP-MW-05-051021 20210510	GSP-MW-06-073020 20200730	GSP-MW-06-112020 20201120	GSP-MW-06-020521 20210205	GSP-MW-06-050421 20210504
METALS FILTERED (UG/L)									
ARSENIC	10	--	--	--	4.1 U	--	--	--	--
BERYLLIUM	4	--	--	--	0.6 U	--	--	--	--
CADMIUM	5	--	--	--	0.33 U	--	--	--	--
CALCIUM	NC	--	--	--	66000	--	--	--	--
CHROMIUM	100	--	--	--	0.63 U	--	--	--	--
COPPER	1300	--	--	--	3.5 U	--	--	--	--
IRON	1400	--	200	47 J	450	--	--	--	--
LEAD	15	--	--	--	2.8 U	--	--	--	--
MAGNESIUM	NC	--	--	--	44000	--	--	--	--
MANGANESE	43	--	350 J	96	420	--	--	--	--
NICKEL	39	--	--	--	2.3 U	--	--	--	--
POTASSIUM	NC	--	--	--	8300	--	--	--	--
SELENIUM	50	--	--	--	6 U	--	--	--	--
SILICON	NC	--	--	--	1100	--	--	--	--
SODIUM	NC	--	--	--	10000	--	--	--	--
THALLIUM	2	--	--	--	2.8 U	--	--	--	--
ZINC	600	--	--	--	9.7 U	--	--	--	--
MISCELLANEOUS (MG/L)									
ACETIC ACID	NC	--	--	2.9 U	0.58 U	--	--	--	--
ALKALINITY	NC	250	240	240	250	--	--	--	--
AMMONIA	NC	0.56 J	0.56 J	0.46 U	0.46 U	--	--	--	--
CHLORIDE	NC	6.3	5.9	3	6.4	--	--	--	--
DISSOLVED ORGANIC CARBON	NC	11	9.6	7.3	9.1	--	--	--	--
LACTIC ACID	NC	--	--	3.1 U	0.62 U	--	--	--	--
NITRATE-N	NC	0.99	0.07 U	0.014 UJ	0.18 U	--	--	--	--
NITRITE-N	NC	0.014 U	0.014 U	0.014 UJ	0.014 U	--	--	--	--
ORTHOPHOSPHATE-P	NC	0.04 U	0.04 U	0.043 J	0.04 U	--	--	--	--
SULFATE	NC	140	130	60	150	--	--	--	--
TOTAL DISSOLVED SOLIDS	NC	480	420	340	430	--	--	--	--
PETROLEUM HYDROCARBONS (UG/L)									
TPH (C10-C32)	47	840	690	240 U	780	390 J	230 U	220 U	410 J
FIELD									
TEMPERATURE (deg C)	NC	19.79	14.71	9.99	18.15	18.46	14.58	7.56	15.53
DISSOLVED OXYGEN (mg/L)	NC	0	0	3.99	0	0	0	0	0
FERROUS IRON (mg/L)	NC	--	--	--	--	--	--	--	--
SPECIFIC CONDUCTANCE (ms/cm)	NC	0.441	0.36	0.424	0.548	0.549	1.01	0.58	0.865
OXIDATION REDUCTION POTENTIAL (mv)	NC	97	90	93	93	15	118	179	6
TURBIDITY (ntu)	NC	6.77	8.89	2.13	0.41	13.6	1.66	4.86	1.9
SALINITY (ppt)	NC	0.2	0.18	0.2	0.26	0.3	0.5	0.027	0.42
PH (s.u.)	NC	6.18	6.25	7.13	6.95	7.23	7.37	8.4	7.05

Wells are grouped by Area or Recognized Environmental Condition (REC).
Well IDs for each area are shaded different colors.

1 - Screening values are from Maryland Department of the Environment (MDE) Cleanup Standards for Soil and Groundwater, Interim Final Guidance (Update No. 3), October 2018.

Shading indicates screening value exceeded

J - estimated value

µg/L - micrograms per liter

mg/L - milligrams per liter

NC- no criteria

-- = Not Analyzed.

Area or Recognized Environmental Condition (REC) LOCATION SAMPLE ID SAMPLE DATE	MDE groundwater screening values ¹	GSP-MW-30				GSP-MW-07				
		GSP-MW-30-073120	GSP-MW-30-111720	GSP-MW-30-020521	GSP-MW-30-050721	GSP-MW-07-072920	GSP-MW-07-111720	GSP-MW-07-020921	GSP-MW-07-051121	GSP-MW-07-050421
		20200731	20201117	20210205	20210507	20200729	20201117	20210209	20210511	2021050421
VOLATILES (UG/L)										
1,2-DICHLOROETHANE	5	--	--	--	--	0.85 U	0.42 U	0.21 U	0.21 U	--
1,2-DICHLOROPROPANE	5	--	--	--	--	0.74 U	0.3 U	0.15 U	0.15 U	--
ACETONE	1400	--	--	--	--	11 U	11 U	5.4 U	5.4 U	--
BENZENE	5	--	--	--	--	1 J	1.3 J	0.13 U	0.64 J	--
CARBON DISULFIDE	81	--	--	--	--	0.56 U	0.56 U	0.28 U	0.28 U	--
CARBON TETRACHLORIDE	5	--	--	--	--	0.52 U	0.52 U	0.26 U	0.26 U	--
CHLOROBENZENE	100	--	--	--	--	0.77 J	0.76 J	0.14 U	0.39 J	--
CHLOROFORM	80	--	--	--	--	0.81 U	0.26 U	0.13 U	0.13 U	--
CIS-1,2-DICHLOROETHENE	70	--	--	--	--	3.3	4	1.5	3.1	--
ETHYLBENZENE	700	--	--	--	--	0.78 U	0.22 U	0.11 U	0.11 U	--
M+P-XYLENES	NC	--	--	--	--	0.79 U	0.16 U	0.08 U	0.08 U	--
METHYL TERT-BUTYL ETHER	20	--	--	--	--	0.88 U	0.14 U	0.07 U	0.07 U	--
METHYLENE CHLORIDE	5	--	--	--	--	2.6 U	5.2 U	2.6 U	2.6 U	--
O-XYLENE	NC	--	--	--	--	0.86 U	0.18 U	0.09 U	0.09 U	--
TERTIARY-BUTYL ALCOHOL	NC	--	--	--	--	3.4 UJ	3.4 U	1.7 UJ	1.7 UJ	--
TOLUENE	1000	--	--	--	--	0.69 U	0.28 U	0.14 U	0.14 U	--
TOTAL XYLENES	1000	--	--	--	--	0.85 U	0.3 U	0.15 U	0.15 U	--
TRICHLOROETHENE	5	--	--	--	--	94	76	35	57	--
TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/L)										
1-PROPENE, 2-METHYL-	NC	--	--	--	--	--	--	--	--	--
ETHENE, 1,2-DIBROMO-	NC	--	--	--	--	--	--	--	--	--
ETHENE, BROMO-	NC	--	--	--	--	--	--	--	--	--
SULFUR DIOXIDE	NC	--	--	--	--	--	--	--	--	--
VOLATILE GASES (UG/L)										
ETHANE	NC	--	--	--	--	0.29 U	0.29 U	0.29 U	0.29 U	--
ETHENE	NC	--	--	--	--	0.27 J	0.27 U	0.27 U	0.27 U	--
METHANE	NC	--	--	--	--	150	140	2.1	89	--
HALOACETIC ACIDS (UG/L)										
DICHLOROACETIC ACID	NC	--	--	--	--	0.98 U	0.98 U	0.98 U	0.98 U	--
TRICHLOROACETIC ACID	NC	--	--	--	--	0.38 U	0.61 J	0.47 J	0.38 U	--
METALS (UG/L)										
ARSENIC	10	--	--	--	--	0.75 U	--	--	4.1 U	--
BERYLLIUM	4	--	--	--	--	0.31 U	--	--	0.6 U	--
CADMIUM	5	--	--	--	--	0.24 J	--	--	0.2 U	--
CALCIUM	NC	--	--	--	--	--	14000	27000	30000	--
CHROMIUM	100	--	--	--	--	0.98 U	--	--	0.63 U	--
COPPER	1300	--	--	--	--	4	--	--	3.5 U	--
IRON	1400	--	--	--	--	--	730	64 J	170 J	--
LEAD	15	--	--	--	--	0.45 U	--	--	2.8 U	--
MAGNESIUM	NC	--	--	--	--	--	6500	4200 J	6700	--
MANGANESE	43	--	--	--	--	--	280	27	710	--
NICKEL	39	--	--	--	--	21	--	--	21 J	--
POTASSIUM	NC	--	--	--	--	--	3600 J	9000	4400 J	--
SELENIUM	50	--	--	--	--	0.89 U	--	--	6 U	--
SILICON	NC	--	--	--	--	--	--	--	3400	--
SILICON DIOXIDE	NC	--	--	--	--	--	7700	7600 J	--	--
SODIUM	NC	--	--	--	--	--	--	--	30000	--
THALLIUM	2	--	--	--	--	0.2 U	--	--	2.7 U	--
ZINC	600	--	--	--	--	250	--	--	480	--

Area or Recognized Environmental Condition (REC) LOCATION SAMPLE ID SAMPLE DATE	MDE groundwater screening values ¹	GSP-MW-30				GSP-MW-07				
		GSP-MW-30-073120	GSP-MW-30-111720	GSP-MW-30-020521	GSP-MW-30-050721	GSP-MW-07-072920	GSP-MW-07-111720	GSP-MW-07-020921	GSP-MW-07-051121	GSP-MW-07-050421
		20200731	20201117	20210205	20210507	20200729	20201117	20210209	20210511	2021050421
METALS FILTERED (UG/L)										
ARSENIC	10	--	--	--	--	0.75 U	--	--	4.1 U	--
BERYLLIUM	4	--	--	--	--	0.31 U	--	--	0.6 U	--
CADMIUM	5	--	--	--	--	0.2 J	--	--	0.2 U	--
CALCIUM	NC	--	--	--	--	--	--	--	30000	--
CHROMIUM	100	--	--	--	--	0.98 U	--	--	0.63 U	--
COPPER	1300	--	--	--	--	3.5	--	--	3.5 U	--
IRON	1400	--	--	--	--	--	310	60 J	98 J	--
LEAD	15	--	--	--	--	0.45 U	--	--	2.8 U	--
MAGNESIUM	NC	--	--	--	--	--	--	--	6500	--
MANGANESE	43	--	--	--	--	--	36 J	19	550	--
NICKEL	39	--	--	--	--	22	--	--	18 J	--
POTASSIUM	NC	--	--	--	--	--	--	--	4400 J	--
SELENIUM	50	--	--	--	--	0.89 U	--	--	6 U	--
SILICON	NC	--	--	--	--	--	--	--	3200	--
SODIUM	NC	--	--	--	--	--	--	--	28000	--
THALLIUM	2	--	--	--	--	0.2 U	--	--	2.7 U	--
ZINC	600	--	--	--	--	270	--	--	440	--
MISCELLANEOUS (MG/L)										--
ACETIC ACID	NC	--	--	--	--	--	--	1.5 U	0.29 U	--
ALKALINITY	NC	--	--	--	--	31	34	82	95	--
AMMONIA	NC	--	--	--	--	0.46 U	0.56 J	1.1 J	0.56 J	--
CHLORIDE	NC	--	--	--	--	76	72	32	58	--
DISSOLVED ORGANIC CARBON	NC	--	--	--	--	2	1.8	3.8	2.7	--
LACTIC ACID	NC	--	--	--	--	--	--	1.6 U	0.31 U	--
NITRATE-N	NC	--	--	--	--	0.048 J	0.014 U	0.053 J	0.036 U	--
NITRITE-N	NC	--	--	--	--	0.014 U	0.014 U	0.014 U	0.014 U	--
ORTHOPHOSPHATE-P	NC	--	--	--	--	0.04 U	0.04 U	0.061 J	0.04 U	--
SULFATE	NC	--	--	--	--	12	11	8.7	13	--
TOTAL DISSOLVED SOLIDS	NC	--	--	--	--	160	150	190	210	--
PETROLEUM HYDROCARBONS (UG/L)										
TPH (C10-C32)	47	240 U	350 J	250 J	230 U	--	--	--	--	--
FIELD										
TEMPERATURE (deg C)	NC	18.87	14.48	9.91	12.54	21.45	16.16	12.84	--	17.71
DISSOLVED OXYGEN (mg/L)	NC	0	0	8.91	0	0	0	2.16	--	0
FERROUS IRON (mg/L)	NC	--	--	--	--	0.2	--	2.5	--	0
SPECIFIC CONDUCTANCE (ms/cm)	NC	0.233	2	3.83	2.56	0.229	0.177	0.145	--	0.363
OXIDATION REDUCTION POTENTIAL (mv)	NC	-343	-280	-91	-105	223	204	186	--	126
TURBIDITY (ntu)	NC	10.71	54.3	4.21	0.74	3.62	2.46	6.45	--	2.1
SALINITY (ppt)	NC	0.1	1	0.149	1.3	0.1	0.08	0.1	--	0.17
PH (s.u.)	NC	6.13	12.51	14	14	5.21	5.29	7.77	--	7.26

Wells are grouped by Area or Recognized Environmental Condition (REC).
Well IDs for each area are shaded different colors.

1 - Screening values are from Maryland Department of the Environment (MDE) Cleanup Standards for Soil and Groundwater, Interim Final Guidance (Update No. 3), October 2018.

Shading indicates screening value exceeded

J - estimated value

µg/L - micrograms per liter

mg/L - milligrams per liter

NC- no criteria

-- = Not Analyzed.

Area or Recognized Environmental Condition (REC) LOCATION SAMPLE ID SAMPLE DATE	MDE groundwater screening values ¹	RECs #8-9								
		GSP-MW-13					GSP-MW-231			
		GSP-MW-13-080320 20200803	GSP-MW-13-111920 20201119	GSP-MW-13-021021 20210210	GSP-MW-13-051321 20210513	GSP-MW-13-051121 20210511	GSP-MW-231-073120 20200731	GSP-MW-231-111820 20201118	GSP-MW-231-020521 20210205	GSP-MW-231-050621 20210506
VOLATILES (UG/L)										
1,2-DICHLOROETHANE	5	--	--	--	--	--	1.1 U	0.53 U	0.42 U	0.42 U
1,2-DICHLOROPROPANE	5	--	--	--	--	--	0.93 U	0.38 U	0.3 U	0.3 U
ACETONE	1400	--	--	--	--	--	14 U	14 U	11 UJ	11 U
BENZENE	5	--	--	--	--	--	1 J	1 J	0.83 J	0.93 J
CARBON DISULFIDE	81	--	--	--	--	--	0.7 U	0.7 U	0.56 U	0.56 U
CARBON TETRACHLORIDE	5	--	--	--	--	--	0.65 U	0.65 U	0.52 U	0.52 U
CHLOROBENZENE	100	--	--	--	--	--	0.8 U	0.63 J	0.47 J	0.44 J
CHLOROFORM	80	--	--	--	--	--	1 U	0.33 U	0.26 U	0.26 U
CIS-1,2-DICHLOROETHENE	70	--	--	--	--	--	4.1	4.4	4.3	4.4
ETHYLBENZENE	700	--	--	--	--	--	0.98 U	0.28 U	0.22 U	0.22 U
M+P-XYLENES	NC	--	--	--	--	--	0.99 U	0.2 U	0.16 U	0.16 U
METHYL TERT-BUTYL ETHER	20	--	--	--	--	--	1.1 U	0.18 U	0.14 U	0.28 J
METHYLENE CHLORIDE	5	--	--	--	--	--	3.2 U	6.6 U	5.2 U	5.2 U
O-XYLENE	NC	--	--	--	--	--	1.1 U	0.23 U	0.18 U	0.18 U
TERTIARY-BUTYL ALCOHOL	NC	--	--	--	--	--	4.2 UJ	4.2 UJ	3.4 UJ	3.4 UJ
TOLUENE	1000	--	--	--	--	--	0.86 U	0.35 U	0.28 U	0.28 U
TOTAL XYLENES	1000	--	--	--	--	--	1.1 U	0.38 U	0.3 U	0.3 U
TRICHLOROETHENE	5	--	--	--	--	--	110	110	90	88
TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/L)										
1-PROPENE, 2-METHYL-	NC	--	--	--	--	--	--	--	--	--
ETHENE, 1,2-DIBROMO-	NC	--	--	--	--	--	--	9 NJ	5.9 NJ	8.3 NJ
ETHENE, BROMO-	NC	--	--	--	--	--	--	5.3 NJ	4.4 NJ	4.6 NJ
SULFUR DIOXIDE	NC	--	--	--	--	--	--	--	--	--
VOLATILE GASES (UG/L)										
ETHANE	NC	0.29 U	0.29 U	0.29 U	--	0.29 U	--	--	--	--
ETHENE	NC	0.27 U	0.27 U	0.27 U	--	0.27 U	--	--	--	--
METHANE	NC	74	26	18	--	59	--	--	--	--
HALOACETIC ACIDS (UG/L)										
DICHLOROACETIC ACID	NC	0.98 U	0.98 U	0.98 U	--	0.98 U	--	--	--	--
TRICHLOROACETIC ACID	NC	0.38 U	0.38 U	0.38 U	--	0.38 U	--	--	--	--
METALS (UG/L)										
ARSENIC	10	4.1 U	--	--	--	14 J	--	--	--	--
BERYLLIUM	4	0.6 U	--	--	--	0.6 U	--	--	--	--
CADMIUM	5	0.2 U	--	--	--	0.2 U	--	--	--	--
CALCIUM	NC	33000	41000	49000	--	170000	--	--	--	--
CHROMIUM	100	2.3 U	--	--	--	1.4 J	--	--	--	--
COPPER	1300	3.5 U	--	--	--	3.5 U	--	--	--	--
IRON	1400	--	1500	1500	--	11000	--	--	--	--
LEAD	15	2.8 U	--	--	--	2.8 U	--	--	--	--
MAGNESIUM	NC	2400 J	3100 J	3800 J	--	11000	--	--	--	--
MANGANESE	43	--	42	63	--	180	--	--	--	--
NICKEL	39	2.5 J	--	--	--	2.2 U	--	--	--	--
POTASSIUM	NC	4300 J	4700 J	5900	--	11000	--	--	--	--
SELENIUM	50	6 U	--	--	--	6 U	--	--	--	--
SILICON	NC	2000	--	--	--	1500	--	--	--	--
SILICON DIOXIDE	NC	--	4100 J	4500	--	--	--	--	--	--
SODIUM	NC	330000	--	--	--	2000000	--	--	--	--
THALLIUM	2	2.7 U	--	--	--	4.3 J	--	--	--	--
ZINC	600	9.7 U	--	--	--	9.7 U	--	--	--	--

Area or Recognized Environmental Condition (REC) LOCATION SAMPLE ID SAMPLE DATE	MDE groundwater screening values ¹	RECs #8-9								
		GSP-MW-13					GSP-MW-231			
		GSP-MW-13-080320 20200803	GSP-MW-13-111920 20201119	GSP-MW-13-021021 20210210	GSP-MW-13-051321 20210513	GSP-MW-13-051121 20210511	GSP-MW-231-073120 20200731	GSP-MW-231-111820 20201118	GSP-MW-231-020521 20210205	GSP-MW-231-050621 20210506
METALS FILTERED (UG/L)										
ARSENIC	10	--	--	--	--	14 J	--	--	--	--
BERYLLIUM	4	--	--	--	--	0.6 U	--	--	--	--
CADMIUM	5	--	--	--	--	0.2 U	--	--	--	--
CALCIUM	NC	--	--	--	--	170000	--	--	--	--
CHROMIUM	100	--	--	--	--	1.2 J	--	--	--	--
COPPER	1300	--	--	--	--	3.5 U	--	--	--	--
IRON	1400	--	1400	1300	--	12000	--	--	--	--
LEAD	15	--	--	--	--	2.8 U	--	--	--	--
MAGNESIUM	NC	--	--	--	--	11000	--	--	--	--
MANGANESE	43	--	45	63	--	180	--	--	--	--
NICKEL	39	--	--	--	--	2.2 U	--	--	--	--
POTASSIUM	NC	--	--	--	--	11000	--	--	--	--
SELENIUM	50	--	--	--	--	6 U	--	--	--	--
SILICON	NC	--	--	--	--	1500	--	--	--	--
SODIUM	NC	--	--	--	--	1900000	--	--	--	--
THALLIUM	2	--	--	--	--	5.4 J	--	--	--	--
ZINC	600	--	--	--	--	9.7 U	--	--	--	--
MISCELLANEOUS (MG/L)										
ACETIC ACID	NC	--	--	15 U	--	15 U	--	--	--	--
ALKALINITY	NC	130	120	130	--	120	--	--	--	--
AMMONIA	NC	1.4 J	1.5 J	0.46 U	--	2.2	--	--	--	--
CHLORIDE	NC	510	700	780	--	3600	--	--	--	--
DISSOLVED ORGANIC CARBON	NC	5.9	6.6	11	--	4.1	--	--	--	--
LACTIC ACID	NC	--	--	16 U	--	16 U	--	--	--	--
NITRATE-N	NC	0.082 J	0.089 J	0.36 J	--	0.18 U	--	--	--	--
NITRITE-N	NC	0.014 U	0.014 U	0.94 J	--	0.07 U	--	--	--	--
ORTHOPHOSPHATE-P	NC	0.048 J	0.045 J	0.04 U	--	0.04 U	--	--	--	--
SULFATE	NC	21	28 J	32	--	32	--	--	--	--
TOTAL DISSOLVED SOLIDS	NC	940	1200	1600	--	5900	--	--	--	--
PETROLEUM HYDROCARBONS (UG/L)										
TPH (C10-C32)	47	240 U	240 U	260 U	--	220 U	--	--	--	--
FIELD										
TEMPERATURE (deg C)	NC	28.4	16.75	11.09	18.64	--	19.68	14.7	14.54	16.34
DISSOLVED OXYGEN (mg/L)	NC	0	0	0	0	--	0	0	0	0
FERROUS IRON (mg/L)	NC	--	--	--	--	--	5	--	6	10
SPECIFIC CONDUCTANCE (ms/cm)	NC	1.34	2.27	2.45	11.5	--	0.179	0.25	0.218	0.295
OXIDATION REDUCTION POTENTIAL (mv)	NC	10	-9	12	-38	--	10	91	82	48
TURBIDITY (ntu)	NC	2.11	2.58	419	1.57	--	7.02	0	0.91	6.48
SALINITY (ppt)	NC	0.7	1.16	1.2	6.59	--	0.1	0.1	0.1	0.14
PH (s.u.)	NC	6.71	6.63	6.94	7.48	--	5.44	5.27	5.84	6.32

Wells are grouped by Area or Recognized Environmental Condition (REC).
Well IDs for each area are shaded different colors.

1 - Screening values are from Maryland Department of the Environment (MDE) Cleanup Standards for Soil and Groundwater, Interim Final Guidance (Update No. 3), October 2018.

Shading indicates screening value exceeded

J - estimated value

µg/L - micrograms per liter

mg/L - milligrams per liter

NC- no criteria

-- = Not Analyzed.

Area or Recognized Environmental Condition (REC) LOCATION SAMPLE ID SAMPLE DATE	MDE groundwater screening values ¹	GSP-MW-31				GSP-MW-32D			
		GSP-MW-31-081120	GSP-MW-31-111920	GSP-MW-31-020821	GSP-MW-31-051121	GSP-MW-32D-081120	GSP-MW-32D-111920	GSP-MW-32D-020921	GSP-MW-32D-050621
		20200811	20201119	20210208	20210511	20200811	20201119	20210209	20210506
VOLATILES (UG/L)									
1,2-DICHLOROETHANE	5	0.43 U	0.21 U	0.21 U	0.21 U	0.43 U	0.21 U	0.21 U	0.21 U
1,2-DICHLOROPROPANE	5	0.37 U	0.15 U	0.15 U	0.15 U	0.37 U	0.15 U	0.15 U	0.15 U
ACETONE	1400	5.4 UJ	5.4 U	5.4 U	5.4 U	8.5 J	5.4 U	5.4 U	5.4 U
BENZENE	5	0.38 U	0.13 U	0.13 U	0.13 U	0.38 U	0.13 U	0.13 U	0.13 U
CARBON DISULFIDE	81	0.28 U	0.28 U	0.28 U	0.28 U	0.68 J	1.5	0.28 U	0.28 U
CARBON TETRACHLORIDE	5	0.26 U	0.26 U	0.26 U	0.26 U	6.5	0.26 U	0.26 U	1.6
CHLOROBENZENE	100	0.32 U	0.14 U	0.14 U	0.14 U	0.32 U	0.14 U	0.14 U	0.14 U
CHLOROFORM	80	0.4 U	0.13 U	0.13 U	0.13 U	27	0.44 J	2.3	4.8
CIS-1,2-DICHLOROETHENE	70	0.38 U	0.16 U	0.16 U	0.16 U	1.4	1.1	0.92 J	0.95 J
ETHYLBENZENE	700	0.39 U	0.11 U	0.11 U	0.11 U	0.39 U	0.11 U	0.11 U	0.11 U
M+P-XYLENES	NC	0.4 U	0.08 U	0.08 U	0.08 U	0.4 U	0.08 U	0.08 U	0.08 U
METHYL TERT-BUTYL ETHER	20	0.44 U	0.07 U	0.07 U	0.07 U	0.44 U	0.07 U	0.07 U	0.07 U
METHYLENE CHLORIDE	5	1.3 U	2.6 U	2.6 U	2.6 U	1.3 J	2.6 U	2.6 U	2.6 U
O-XYLENE	NC	0.43 U	0.09 U	0.09 U	0.09 U	0.43 U	0.09 U	0.09 U	0.09 U
TERTIARY-BUTYL ALCOHOL	NC	1.7 UJ	1.7 U	1.7 UJ	1.7 UJ	2.5 J	1.7 U	1.7 UJ	1.7 UJ
TOLUENE	1000	0.35 U	0.21 J	0.14 U	0.14 U	0.61 J	0.14 U	0.14 U	0.14 U
TOTAL XYLENES	1000	0.42 U	0.15 U	0.15 U	0.15 U	0.42 U	0.15 U	0.15 U	0.15 U
TRICHLOROETHENE	5	0.36 U	0.1 U	0.26 U	0.1 U	16	12	12	15
TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/L)									
1-PROPENE, 2-METHYL-	NC	--	--	--	--	--	2.9 NJ	--	--
ETHENE, 1,2-DIBROMO-	NC	--	--	--	--	--	--	--	--
ETHENE, BROMO-	NC	--	--	--	--	--	--	--	--
SULFUR DIOXIDE	NC	--	--	--	7.9 NJ	--	--	--	--
VOLATILE GASES (UG/L)									
ETHANE	NC	0.78 J	0.47 J	0.66 J	0.38 J	14	9	1	0.32 J
ETHENE	NC	0.54 J	0.65 J	0.72 J	0.98 J	6.3	3.6	0.4 J	0.27 U
METHANE	NC	29	1400	5100	3200	25	32	20	19
HALOACETIC ACIDS (UG/L)									
DICHLOROACETIC ACID	NC	0.98 U	0.98 U	0.98 U	0.98 U	1.5	0.98 U	0.98 U	0.98 U
TRICHLOROACETIC ACID	NC	0.38 U	1.3 J	0.56 J	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U
METALS (UG/L)									
ARSENIC	10	4.1 U	--	--	4.1 U	4.1 U	--	--	4.1 U
BERYLLIUM	4	0.6 U	--	--	0.6 U	0.6 U	--	--	0.6 U
CADMIUM	5	0.2 U	--	--	0.2 U	0.27 J	--	--	0.2 U
CALCIUM	NC	16000	11000	12000	12000	13000	31000	33000	29000
CHROMIUM	100	0.63 U	--	--	0.63 U	14	--	--	0.73 U
COPPER	1300	3.5 U	--	--	3.5 U	6 J	--	--	3.5 U
IRON	1400	--	37000	39000	38000	--	4700	3100	1300
LEAD	15	2.8 U	--	--	2.8 U	2.8 U	--	--	2.8 U
MAGNESIUM	NC	12000	10000	11000	10000	2600 J	8400	6200	5900
MANGANESE	43	--	430	500	460	--	270	220	94
NICKEL	39	15 J	--	--	12 J	2.8 J	--	--	2.2 U
POTASSIUM	NC	3100 J	2400 J	2700 J	2600 J	12000	15000	14000	13000
SELENIUM	50	6 U	--	--	6 U	6 U	--	--	6 U
SILICON	NC	8900 J	--	--	8200	10000 J	--	--	6000
SILICON DIOXIDE	NC	--	19000 J	20000	--	--	16000 J	14000 J	--
SODIUM	NC	72000	--	--	65000	27000	--	--	7500
THALLIUM	2	2.7 U	--	--	2.7 U	2.7 U	--	--	2.7 U
ZINC	600	34 J+	--	--	15 J	43 J+	--	--	790

Area or Recognized Environmental Condition (REC) LOCATION SAMPLE ID SAMPLE DATE	MDE groundwater screening values ¹	GSP-MW-31				GSP-MW-32D			
		GSP-MW-31-081120	GSP-MW-31-111920	GSP-MW-31-020821	GSP-MW-31-051121	GSP-MW-32D-081120	GSP-MW-32D-111920	GSP-MW-32D-020921	GSP-MW-32D-050621
		20200811	20201119	20210208	20210511	20200811	20201119	20210209	20210506
METALS FILTERED (UG/L)									
ARSENIC	10	--	--	--	4.2 J	--	--	--	4.1 U
BERYLLIUM	4	--	--	--	0.6 U	--	--	--	0.6 U
CADMIUM	5	--	--	--	0.2 U	--	--	--	0.2 U
CALCIUM	NC	--	--	--	11000	--	--	--	29000
CHROMIUM	100	--	--	--	0.63 U	--	--	--	0.63 U
COPPER	1300	--	--	--	3.5 U	--	--	--	3.5 U
IRON	1400	--	38000	34000	36000	--	3600	980	1100
LEAD	15	--	--	--	2.8 U	--	--	--	2.8 U
MAGNESIUM	NC	--	--	--	10000	--	--	--	5800
MANGANESE	43	--	450	490	440	--	270	220	91
NICKEL	39	--	--	--	12 J	--	--	--	2.2 U
POTASSIUM	NC	--	--	--	2500 J	--	--	--	13000
SELENIUM	50	--	--	--	6 U	--	--	--	6 U
SILICON	NC	--	--	--	7800	--	--	--	6000
SODIUM	NC	--	--	--	64000	--	--	--	7400
THALLIUM	2	--	--	--	2.7 U	--	--	--	2.7 U
ZINC	600	--	--	--	24 J	--	--	--	690
MISCELLANEOUS (MG/L)									
ACETIC ACID	NC	--	--	2.9 U	0.58 U	--	--	1.5 U	0.29 U
ALKALINITY	NC	36	2.6 U	2.6 U	34	58	160	140	130
AMMONIA	NC	1.1 J	1.1 J	0.46 U	0.46 U	1.1 J	0.78 J	0.46 U	1.7 J
CHLORIDE	NC	210	180	180	180	24	7.5	4.5	2.6
DISSOLVED ORGANIC CARBON	NC	2.7	1.7	1.3	1.2	4.4	7.8	3.3	2.5
LACTIC ACID	NC	--	--	3.1 U	0.62 U	--	--	1.6 U	0.31 U
NITRATE-N	NC	1.1	0.014 U	0.014 UJ	0.036 U	0.014 U	0.014 U	0.014 U	0.036 U
NITRITE-N	NC	0.014 U	0.014 U	0.014 UJ	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U
ORTHOPHOSPHATE-P	NC	0.04 U	0.04 U	0.054 J	0.04 U	0.4 U	0.08 U	0.06 J	0.04 U
SULFATE	NC	8.2	6.4 J	7	8.7	21	5.9 J	2.1	7.8
TOTAL DISSOLVED SOLIDS	NC	400	260	310	350	160	230	170	160
PETROLEUM HYDROCARBONS (UG/L)									
TPH (C10-C32)	47	270 U	240 U	240 U	220 U	--	--	--	--
FIELD									
TEMPERATURE (deg C)	NC	28.72	14.67	7.95	15.93	20.74	14.36	7.93	15.17
DISSOLVED OXYGEN (mg/L)	NC	0	0	0	0	0	0	0	0
FERROUS IRON (mg/L)	NC	5.8	--	2.5	10	0	--	2	2
SPECIFIC CONDUCTANCE (ms/cm)	NC	0.23	0.372	0.484	0.546	0.092	0.198	0.218	0.249
OXIDATION REDUCTION POTENTIAL (mv)	NC	-50	27	81	46	-281	-147	-15	3
TURBIDITY (ntu)	NC	10.63	3.81	12.9	0.84	26	12.89	20.3	7.9
SALINITY (ppt)	NC	0.1	0.18	0.2	0.26	0	0.09	0.1	0.12
PH (s.u.)	NC	5.6	5.56	5.43	6.17	8.76	7.29	7.42	8.1

Wells are grouped by Area or Recognized Environmental Condition (REC).
Well IDs for each area are shaded different colors.

1 - Screening values are from Maryland Department of the Environment (MDE) Cleanup Standards for Soil and Groundwater, Interim Final Guidance (Update No. 3), October 2018.

Shading indicates screening value exceeded

J - estimated value

µg/L - micrograms per liter

mg/L - milligrams per liter

NC- no criteria

-- = Not Analyzed.

Area or Recognized Environmental Condition (REC) LOCATION SAMPLE ID SAMPLE DATE	MDE groundwater screening values ¹	North/Northeast of RECs #8-9								
		GSP-MW-32S					GSP-MW-38			
		GSP-MW-32S-081120 20200811	GSP-MW-32S-111920 20201119	GSP-MW-32S-020921 20210209	GSP-MW-32S-020921A 20210209	GSP-MW-32S-050621 20210506	GSP-MW-38-072920 20200729	GSP-MW-38-111620 20201116	GSP-MW-38-020321 20210203	GSP-MW-38-050721 20210507
VOLATILES (UG/L)										
1,2-DICHLOROETHANE	5	8.5 U	4.2 U	0.21 U	--	4.2 U	0.43 U	0.21 U	0.21 U	0.21 U
1,2-DICHLOROPROPANE	5	7.4 U	3 U	0.15 U	--	3 U	0.37 U	0.15 U	0.15 U	0.15 U
ACETONE	1400	110 UJ	110 U	5.4 U	--	110 U	5.4 U	5.4 U	12	5.4 U
BENZENE	5	7.7 U	2.6 U	0.61 J	--	2.6 U	0.38 U	0.13 U	0.13 U	0.13 U
CARBON DISULFIDE	81	5.6 U	5.6 U	0.28 U	--	5.6 U	0.34 J	0.28 U	0.28 U	0.34 J
CARBON TETRACHLORIDE	5	5.2 U	5.2 U	0.86 J	--	5.2 U	0.26 U	0.26 U	0.26 U	0.26 U
CHLOROBENZENE	100	6.4 U	2.8 U	0.61 J	--	2.8 U	0.32 U	0.14 U	0.14 U	0.14 U
CHLOROFORM	80	8.1 U	2.6 U	1.2	--	2.6 U	0.4 U	0.13 U	0.13 U	0.13 U
CIS-1,2-DICHLOROETHENE	70	14 J	14 J	4.3	--	13 J	0.38 U	0.16 U	0.16 U	0.16 U
ETHYLBENZENE	700	7.8 U	2.2 U	0.11 U	--	2.2 U	0.39 U	0.11 U	0.19 J	0.11 U
M+P-XYLENES	NC	26 J	1.6 U	0.08 U	--	1.6 U	0.4 U	0.08 U	0.88 J	0.08 U
METHYL TERT-BUTYL ETHER	20	8.8 U	1.4 U	0.094 J	--	1.4 U	0.44 U	0.07 U	0.07 U	0.07 U
METHYLENE CHLORIDE	5	26 U	52 U	2.6 U	--	52 U	1.3 U	2.6 U	2.6 U	2.6 U
O-XYLENE	NC	8.6 U	1.8 U	0.09 U	--	1.8 U	0.43 U	0.09 U	0.12 J	0.09 U
TERTIARY-BUTYL ALCOHOL	NC	34 UJ	34 U	1.7 UJ	--	34 UJ	7.5 J	1.7 U	1.7 U	1.7 U
TOLUENE	1000	730	2.8 U	0.14 U	--	2.8 U	0.35 U	0.14 U	0.17 J	0.14 U
TOTAL XYLENES	1000	26 J	3 U	0.15 U	--	3 U	0.42 U	0.15 U	1 J	0.15 U
TRICHLOROETHENE	5	580	420	780	--	660	0.36 U	0.1 U	0.1 U	0.1 U
TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/L)										
1-PROPENE, 2-METHYL-	NC	--	--	--	--	--	--	--	--	--
ETHENE, 1,2-DIBROMO-	NC	--	--	19 NJ	4.1 NJ	--	--	--	--	--
ETHENE, BROMO-	NC	--	--	5.3 NJ	--	--	--	--	--	--
SULFUR DIOXIDE	NC	--	--	--	--	--	--	--	--	--
VOLATILE GASES (UG/L)										
ETHANE	NC	0.44 J	0.3 J	0.29 U	--	0.29 U	--	--	--	--
ETHENE	NC	0.41 J	0.34 J	0.27 J	--	0.27 U	--	--	--	--
METHANE	NC	100	120	79	--	130	--	--	--	--
HALOACETIC ACIDS (UG/L)										
DICHLOROACETIC ACID	NC	0.98 U	0.98 U	0.98 U	--	0.98 U	--	--	--	--
TRICHLOROACETIC ACID	NC	0.38 U	0.49 J	0.64 J	--	0.38 U	--	--	--	--
METALS (UG/L)										
ARSENIC	10	4.1 U	--	--	--	4.1 U	--	--	--	--
BERYLLIUM	4	0.6 U	--	--	--	0.6 U	--	--	--	--
CADMIUM	5	0.2 U	--	--	--	0.2 U	--	--	--	--
CALCIUM	NC	4400 J	4400 J	3700 J	--	3800 J	--	--	--	--
CHROMIUM	100	0.7 U	--	--	--	0.63 U	--	--	--	--
COPPER	1300	3.5 U	--	--	--	3.5 U	--	--	--	--
IRON	1400	--	39 U	32 J	--	26 U	--	--	--	--
LEAD	15	2.8 U	--	--	--	2.8 U	--	--	--	--
MAGNESIUM	NC	2300 J	2500 J	2100 J	--	2300 J	--	--	--	--
MANGANESE	43	--	170	57	--	91	--	--	--	--
NICKEL	39	9.1 J	--	--	--	11 J	--	--	--	--
POTASSIUM	NC	1300 J	1300 J	1400 J	--	1300 J	--	--	--	--
SELENIUM	50	6 U	--	--	--	6 U	--	--	--	--
SILICON	NC	5200 J	--	--	--	4900	--	--	--	--
SILICON DIOXIDE	NC	--	11000 J	11000 J	--	--	--	--	--	--
SODIUM	NC	11000	--	--	--	9300	--	--	--	--
THALLIUM	2	2.7 U	--	--	--	2.7 U	--	--	--	--
ZINC	600	24 J+	--	--	--	14 J	--	--	--	--

Area or Recognized Environmental Condition (REC) LOCATION SAMPLE ID SAMPLE DATE	MDE groundwater screening values ¹	North/Northeast of RECs #8-9								
		GSP-MW-32S					GSP-MW-38			
		GSP-MW-32S-081120 20200811	GSP-MW-32S-111920 20201119	GSP-MW-32S-020921 20210209	GSP-MW-32S-020921A 20210209	GSP-MW-32S-050621 20210506	GSP-MW-38-072920 20200729	GSP-MW-38-111620 20201116	GSP-MW-38-020321 20210203	GSP-MW-38-050721 20210507
METALS FILTERED (UG/L)										
ARSENIC	10	--	--	--	--	4.1 U	--	--	--	--
BERYLLIUM	4	--	--	--	--	0.6 U	--	--	--	--
CADMIUM	5	--	--	--	--	0.2 U	--	--	--	--
CALCIUM	NC	--	--	--	--	4100 J	--	--	--	--
CHROMIUM	100	--	--	--	--	0.63 U	--	--	--	--
COPPER	1300	--	--	--	--	3.5 U	--	--	--	--
IRON	1400	--	26 U	26 U	--	26 U	--	--	--	--
LEAD	15	--	--	--	--	2.8 U	--	--	--	--
MAGNESIUM	NC	--	--	--	--	2500 U	--	--	--	--
MANGANESE	43	--	180	53	--	110	--	--	--	--
NICKEL	39	--	--	--	--	11 J	--	--	--	--
POTASSIUM	NC	--	--	--	--	1300 J	--	--	--	--
SELENIUM	50	--	--	--	--	6 U	--	--	--	--
SILICON	NC	--	--	--	--	5100	--	--	--	--
SODIUM	NC	--	--	--	--	10000	--	--	--	--
THALLIUM	2	--	--	--	--	2.7 U	--	--	--	--
ZINC	600	--	--	--	--	15 J	--	--	--	--
MISCELLANEOUS (MG/L)										
ACETIC ACID	NC	--	--	0.29 U	--	0.29 U	--	--	--	--
ALKALINITY	NC	3.2 J	4.2 J	4.7 J	--	3.3 J	--	--	--	--
AMMONIA	NC	1.4 J	0.73 J	0.46 U	--	1.4 J	--	--	--	--
CHLORIDE	NC	26	27	19	--	24	--	--	--	--
DISSOLVED ORGANIC CARBON	NC	0.9 J	1.4	0.67 J	--	0.68 J	--	--	--	--
LACTIC ACID	NC	--	--	0.31 U	--	0.31 U	--	--	--	--
NITRATE-N	NC	0.68	1 J	0.87	--	1.1	--	--	--	--
NITRITE-N	NC	0.078 J	0.014 J	0.014 U	--	0.014 U	--	--	--	--
ORTHOPHOSPHATE-P	NC	0.04 U	0.04 U	0.062 J	--	0.04 U	--	--	--	--
SULFATE	NC	5.4	6.5 J	0.64 J	--	3.7	--	--	--	--
TOTAL DISSOLVED SOLIDS	NC	85	54	74	--	51	--	--	--	--
PETROLEUM HYDROCARBONS (UG/L)										
TPH (C10-C32)	47	--	--	--	--	--	--	--	--	--
FIELD										
TEMPERATURE (deg C)	NC	21.99	14.33	10.91	--	16.3	26.87	18.08	9.53	15.54
DISSOLVED OXYGEN (mg/L)	NC	0	0	0	--	0	4.98	7.66	12	0
FERROUS IRON (mg/L)	NC	0.8	--	2	--	0	0	--	0	10
SPECIFIC CONDUCTANCE (ms/cm)	NC	0.041	0.071	0.066	--	0.094	4.36	2.71	0.807	0.8
OXIDATION REDUCTION POTENTIAL (mv)	NC	230	216	310	--	234	210	-2	369	139
TURBIDITY (ntu)	NC	6.72	2.29	2.12	--	0.42	104.6	46.2	16.1	1.62
SALINITY (ppt)	NC	0	0.03	0	--	0.04	2.3	1.4	0.4	0.41
PH (s.u.)	NC	4.52	4.62	4.81	--	5	6.85	6.91	3.34	5.75

Wells are grouped by Area or Recognized Environmental Condition (REC).
Well IDs for each area are shaded different colors.

1 - Screening values are from Maryland Department of the Environment (MDE) Cleanup Standards for Soil and Groundwater, Interim Final Guidance (Update No. 3), October 2018.

Shading indicates screening value exceeded

J - estimated value

µg/L - micrograms per liter

mg/L - milligrams per liter

NC- no criteria

-- = Not Analyzed.

Area or Recognized Environmental Condition (REC) LOCATION SAMPLE ID SAMPLE DATE	MDE groundwater screening values ¹	GSP-MW-33								GSP-MW-34							
		GSP-MW-33-080520				GSP-MW-33-111820				GSP-MW-34-080620				GSP-MW-34-111820			
		20200805		20201118		20210204		20210504		20200806		20201118		20210204		20210505	
VOLATILES (UG/L)																	
1,2-DICHLOROETHANE	5	--	--	--	--	--	--	--	--	--	--	--	--	0.21 U			
1,2-DICHLOROPROPANE	5	--	--	--	--	--	--	--	--	--	--	--	--	0.15 U			
ACETONE	1400	--	--	--	--	--	--	--	--	--	--	--	--	5.4 U			
BENZENE	5	--	--	--	--	--	--	--	--	--	--	--	--	0.13 U			
CARBON DISULFIDE	81	--	--	--	--	--	--	--	--	--	--	--	--	0.28 U			
CARBON TETRACHLORIDE	5	--	--	--	--	--	--	--	--	--	--	--	--	0.26 U			
CHLOROBENZENE	100	--	--	--	--	--	--	--	--	--	--	--	--	0.14 U			
CHLOROFORM	80	--	--	--	--	--	--	--	--	--	--	--	--	0.13 U			
CIS-1,2-DICHLOROETHENE	70	--	--	--	--	--	--	--	--	--	--	--	--	0.44 J			
ETHYLBENZENE	700	--	--	--	--	--	--	--	--	--	--	--	--	0.11 U			
M+P-XYLENES	NC	--	--	--	--	--	--	--	--	--	--	--	--	0.08 U			
METHYL TERT-BUTYL ETHER	20	--	--	--	--	--	--	--	--	--	--	--	--	0.07 U			
METHYLENE CHLORIDE	5	--	--	--	--	--	--	--	--	--	--	--	--	2.6 U			
O-XYLENE	NC	--	--	--	--	--	--	--	--	--	--	--	--	0.09 U			
TERTIARY-BUTYL ALCOHOL	NC	--	--	--	--	--	--	--	--	--	--	--	--	1.7 U			
TOLUENE	1000	--	--	--	--	--	--	--	--	--	--	--	--	0.14 U			
TOTAL XYLENES	1000	--	--	--	--	--	--	--	--	--	--	--	--	0.15 U			
TRICHLOROETHENE	5	--	--	--	--	--	--	--	--	--	--	--	--	1.8			
TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/L)																	
1-PROPENE, 2-METHYL-	NC	--	--	--	--	--	--	--	--	--	--	--	--	--			
ETHENE, 1,2-DIBROMO-	NC	--	--	--	--	--	--	--	--	--	--	--	--	--			
ETHENE, BROMO-	NC	--	--	--	--	--	--	--	--	--	--	--	--	--			
SULFUR DIOXIDE	NC	--	--	--	--	--	--	--	--	--	--	--	--	--			
VOLATILE GASES (UG/L)																	
ETHANE	NC	--	--	--	--	--	--	--	--	--	--	--	--	--			
ETHENE	NC	--	--	--	--	--	--	--	--	--	--	--	--	--			
METHANE	NC	--	--	--	--	--	--	--	--	--	--	--	--	--			
HALOACETIC ACIDS (UG/L)																	
DICHLOROACETIC ACID	NC	--	--	--	--	--	--	--	--	--	--	--	--	--			
TRICHLOROACETIC ACID	NC	--	--	--	--	--	--	--	--	--	--	--	--	--			
METALS (UG/L)																	
ARSENIC	10	0.75 U	0.75 U	0.75 U	1.9 J	0.86 J	2.5 J	3.1 J	1.3 J	1.3 J							
BERYLLIUM	4	19	28	28	20	0.49 J	0.76 J	1.3	0.78 J								
CADMIUM	5	1.7	0.58 J	0.53 J	0.28 J	0.2 U	0.2 U	0.2 U	0.2 U								
CALCIUM	NC	--	--	--	--	--	--	--	--								
CHROMIUM	100	5.5	5	2.2	3.1	0.98 U	1.9 J	1.5 J	0.98 U								
COPPER	1300	24	3.4	2.2	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U								
IRON	1400	--	--	--	--	--	--	--	--								
LEAD	15	3.6	2.1	1.5	0.63 J	0.45 U	0.45 U	0.45 U	0.45 U								
MAGNESIUM	NC	--	--	--	--	--	--	--	--								
MANGANESE	43	--	--	--	--	--	--	--	--								
NICKEL	39	730	1000	1100	890	29	34	35	33								
POTASSIUM	NC	--	--	--	--	--	--	--	--								
SELENIUM	50	1.6 J	1.7 J	1.8 J	0.89 U	0.89 U	0.89 U	0.89 U	0.89 U								
SILICON	NC	--	--	--	--	--	--	--	--								
SILICON DIOXIDE	NC	--	--	--	--	--	--	--	--								
SODIUM	NC	--	--	--	--	--	--	--	--								
THALLIUM	2	2.1	1.3	1.2	0.62 J	0.2 U	0.2 U	0.49 J	0.2 U								
ZINC	600	1200	1100	1100	770	31	36	66	59								

Area or Recognized Environmental Condition (REC) LOCATION SAMPLE ID SAMPLE DATE	MDE groundwater screening values ¹	GSP-MW-33				GSP-MW-34			
		GSP-MW-33-080520	GSP-MW-33-111820	GSP-MW-33-020421	GSP-MW-33-050421	GSP-MW-34-080620	GSP-MW-34-111820	GSP-MW-34-020421	GSP-MW-34-050521
		20200805	20201118	20210204	20210504	20200806	20201118	20210204	20210505
METALS FILTERED (UG/L)									
ARSENIC	10	0.75 U	0.75 U	0.75 U	1.1 J	0.75 U	2.7 J	2.9 J	1.3 J
BERYLLIUM	4	18	27	28	19	0.47 J	0.74 J	1.3	0.79 J
CADMIUM	5	1.7	0.56 J	0.52 J	0.31 J	0.2 U	0.2 U	0.2 U	0.2 U
CALCIUM	NC	--	--	--	--	--	--	--	--
CHROMIUM	100	5	5.1	5.1	2.4	0.98 U	1.9 J	1.3 J	0.98 U
COPPER	1300	21	3.7	2.9	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U
IRON	1400	--	--	--	--	--	--	--	--
LEAD	15	3.2	2.1	1.2	0.56 J	0.45 U	0.45 U	0.45 U	0.45 U
MAGNESIUM	NC	--	--	--	--	--	--	--	--
MANGANESE	43	--	--	--	--	--	--	--	--
NICKEL	39	710	980	1000	830	30	35	34	35
POTASSIUM	NC	--	--	--	--	--	--	--	--
SELENIUM	50	1.5 J	1.7 J	1.8 J	0.89 U	0.89 U	0.89 U	0.89 U	0.89 U
SILICON	NC	--	--	--	--	--	--	--	--
SODIUM	NC	--	--	--	--	--	--	--	--
THALLIUM	2	2.2	1.3	1.1	0.61 J	0.2 U	0.2 U	0.58 J	0.2 U
ZINC	600	1100	1000	1100	720	29	36	61	62
MISCELLANEOUS (MG/L)									
ACETIC ACID	NC	--	--	--	--	--	--	--	--
ALKALINITY	NC	--	--	--	--	--	--	--	--
AMMONIA	NC	--	--	--	--	--	--	--	--
CHLORIDE	NC	--	--	--	--	--	--	--	--
DISSOLVED ORGANIC CARBON	NC	--	--	--	--	--	--	--	--
LACTIC ACID	NC	--	--	--	--	--	--	--	--
NITRATE-N	NC	--	--	--	--	--	--	--	--
NITRITE-N	NC	--	--	--	--	--	--	--	--
ORTHOPHOSPHATE-P	NC	--	--	--	--	--	--	--	--
SULFATE	NC	--	--	--	--	--	--	--	--
TOTAL DISSOLVED SOLIDS	NC	--	--	--	--	--	--	--	--
PETROLEUM HYDROCARBONS (UG/L)									
TPH (C10-C32)	47	--	--	--	--	--	--	--	--
FIELD									
TEMPERATURE (deg C)	NC	25.03	18.84	14.95	20.98	16.03	13.2	11.19	14.89
DISSOLVED OXYGEN (mg/L)	NC	0	0	0.32	0	0	0	0	0
FERROUS IRON (mg/L)	NC	--	--	--	--	--	--	--	--
SPECIFIC CONDUCTANCE (ms/cm)	NC	0.656	0.523	0.751	0.668	0.259	0.38	0.305	0.39
OXIDATION REDUCTION POTENTIAL (mv)	NC	275	314	283	216	40	126	164	180
TURBIDITY (ntu)	NC	12.03	4.09	0	1.35	6.59	0.03	33.5	1
SALINITY (ppt)	NC	0.3	0.25	0.037	0.32	0.1	0.2	0.1	0.19
PH (s.u.)	NC	3.95	2.87	3.81	3.97	5.22	4.66	5.04	5.15

Wells are grouped by Area or Recognized Environmental Condition (REC).
Well IDs for each area are shaded different colors.

1 - Screening values are from Maryland Department of the Environment (MDE) Cleanup Standards for Soil and Groundwater, Interim Final Guidance (Update No. 3), October 2018.

Shading indicates screening value exceeded

J - estimated value

µg/L - micrograms per liter

mg/L - milligrams per liter

NC- no criteria

-- = Not Analyzed.

Area or Recognized Environmental Condition (REC) LOCATION SAMPLE ID SAMPLE DATE	MDE groundwater screening values ¹	RECs #2-6							
		GSP-MW-35				GSP-MW-36			
		GSP-MW-35-080520 20200805	GSP-MW-35-111820 20201118	GSP-MW-35-020421 20210204	GSP-MW-35-050421 20210504	GSP-MW-36-080620 20200806	GSP-MW-36-111820 20201118	GSP-MW-36-020421 20210204	GSP-MW-36-050521 20210505
VOLATILES (UG/L)									
1,2-DICHLOROETHANE	5	--	--	--	--	--	--	--	0.21 U
1,2-DICHLOROPROPANE	5	--	--	--	--	--	--	--	0.15 U
ACETONE	1400	--	--	--	--	--	--	--	5.4 U
BENZENE	5	--	--	--	--	--	--	--	0.13 U
CARBON DISULFIDE	81	--	--	--	--	--	--	--	0.28 U
CARBON TETRACHLORIDE	5	--	--	--	--	--	--	--	0.26 U
CHLOROBENZENE	100	--	--	--	--	--	--	--	0.14 U
CHLOROFORM	80	--	--	--	--	--	--	--	0.13 U
CIS-1,2-DICHLOROETHENE	70	--	--	--	--	--	--	--	0.16 U
ETHYLBENZENE	700	--	--	--	--	--	--	--	0.11 U
M+P-XYLENES	NC	--	--	--	--	--	--	--	0.08 U
METHYL TERT-BUTYL ETHER	20	--	--	--	--	--	--	--	0.07 U
METHYLENE CHLORIDE	5	--	--	--	--	--	--	--	2.6 U
O-XYLENE	NC	--	--	--	--	--	--	--	0.09 U
TERTIARY-BUTYL ALCOHOL	NC	--	--	--	--	--	--	--	1.7 U
TOLUENE	1000	--	--	--	--	--	--	--	0.14 U
TOTAL XYLENES	1000	--	--	--	--	--	--	--	0.15 U
TRICHLOROETHENE	5	--	--	--	--	--	--	--	0.1 U
TENTATIVELY IDENTIFIED COMPOUNDS-VOLATILES (UG/L)									
1-PROPENE, 2-METHYL-	NC	--	--	--	--	--	--	--	--
ETHENE, 1,2-DIBROMO-	NC	--	--	--	--	--	--	--	--
ETHENE, BROMO-	NC	--	--	--	--	--	--	--	--
SULFUR DIOXIDE	NC	--	--	--	--	--	--	--	--
VOLATILE GASES (UG/L)									
ETHANE	NC	--	--	--	--	--	--	--	--
ETHENE	NC	--	--	--	--	--	--	--	--
METHANE	NC	--	--	--	--	--	--	--	--
HALOACETIC ACIDS (UG/L)									
DICHLOROACETIC ACID	NC	--	--	--	--	--	--	--	--
TRICHLOROACETIC ACID	NC	--	--	--	--	--	--	--	--
METALS (UG/L)									
ARSENIC	10	4.9 J	5.2	2.5 J	2.1 J	0.76 J	0.75 U	0.75 U	0.75 U
BERYLLIUM	4	0.71 J	1.5	0.84 J	0.69 J	0.31 U	0.31 U	0.38 J	0.31 U
CADMIUM	5	0.22 J	0.2 J	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
CALCIUM	NC	--	--	--	--	--	--	--	--
CHROMIUM	100	0.98 U	0.98 U	0.98 U	0.98 U	2.3	1.7 J	1.2 J	1 J
COPPER	1300	1.7 U	3.9	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U
IRON	1400	--	--	--	--	--	--	--	--
LEAD	15	0.45 U	0.99 J	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U
MAGNESIUM	NC	--	--	--	--	--	--	--	--
MANGANESE	43	--	--	--	--	--	--	--	--
NICKEL	39	19	25	18	15	1.5 U	1.5 U	1.5 U	1.5 U
POTASSIUM	NC	--	--	--	--	--	--	--	--
SELENIUM	50	0.89 U	0.89 U	0.89 U	0.89 U	0.89 U	0.89 U	0.89 U	0.89 U
SILICON	NC	--	--	--	--	--	--	--	--
SILICON DIOXIDE	NC	--	--	--	--	--	--	--	--
SODIUM	NC	--	--	--	--	--	--	--	--
THALLIUM	2	0.26 J	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.49 J	0.2 U
ZINC	600	31	42	33	16 J	15 U	15 U	18 J	15 U

Area or Recognized Environmental Condition (REC) LOCATION SAMPLE ID SAMPLE DATE	MDE groundwater screening values ¹	RECs #2-6							
		GSP-MW-35				GSP-MW-36			
		GSP-MW-35-080520 20200805	GSP-MW-35-111820 20201118	GSP-MW-35-020421 20210204	GSP-MW-35-050421 20210504	GSP-MW-36-080620 20200806	GSP-MW-36-111820 20201118	GSP-MW-36-020421 20210204	GSP-MW-36-050521 20210505
METALS FILTERED (UG/L)									
ARSENIC	10	4.6 J	3 J	1.3 J	1.8 J	0.87 J	0.75 U	0.75 U	0.75 U
BERYLLIUM	4	0.63 J	1.5	0.75 J	0.68 J	0.31 U	0.31 U	0.31 U	0.31 U
CADMIUM	5	0.2 U	0.21 J	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
CALCIUM	NC	--	--	--	--	--	--	--	--
CHROMIUM	100	0.98 U	0.98 U	0.98 U	0.98 U	1.2 J	1.7 J	0.98 U	1.2 J
COPPER	1300	1.7 U	4.1	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U
IRON	1400	--	--	--	--	--	--	--	--
LEAD	15	0.45 U	0.62 J	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U
MAGNESIUM	NC	--	--	--	--	--	--	--	--
MANGANESE	43	--	--	--	--	--	--	--	--
NICKEL	39	19	27	18	15	1.5 U	1.5 U	1.5 U	1.5 U
POTASSIUM	NC	--	--	--	--	--	--	--	--
SELENIUM	50	0.89 U	0.89 U	0.89 U	0.89 U	0.89 U	0.89 U	0.89 U	0.89 U
SILICON	NC	--	--	--	--	--	--	--	--
SODIUM	NC	--	--	--	--	--	--	--	--
THALLIUM	2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.34 J	0.2 U
ZINC	600	27	43	28	16 J	15 U	15 U	15 U	15 U
MISCELLANEOUS (MG/L)									
ACETIC ACID	NC	--	--	--	--	--	--	--	--
ALKALINITY	NC	--	--	--	--	--	--	--	--
AMMONIA	NC	--	--	--	--	--	--	--	--
CHLORIDE	NC	--	--	--	--	--	--	--	--
DISSOLVED ORGANIC CARBON	NC	--	--	--	--	--	--	--	--
LACTIC ACID	NC	--	--	--	--	--	--	--	--
NITRATE-N	NC	--	--	--	--	--	--	--	--
NITRITE-N	NC	--	--	--	--	--	--	--	--
ORTHOPHOSPHATE-P	NC	--	--	--	--	--	--	--	--
SULFATE	NC	--	--	--	--	--	--	--	--
TOTAL DISSOLVED SOLIDS	NC	--	--	--	--	--	--	--	--
PETROLEUM HYDROCARBONS (UG/L)									
TPH (C10-C32)	47	--	--	--	--	--	--	--	--
FIELD									
TEMPERATURE (deg C)	NC	25.97	14.84	11.75	18.36	16.67	12.71	9.23	18
DISSOLVED OXYGEN (mg/L)	NC	0.27	0	0	0	0	0	0	0
FERROUS IRON (mg/L)	NC	--	--	--	--	--	--	--	--
SPECIFIC CONDUCTANCE (ms/cm)	NC	0.201	0.082	0.106	0.124	0.828	1.23	0.911	1.13
OXIDATION REDUCTION POTENTIAL (mv)	NC	-13	254	181	141	-92	-44	-61	-26
TURBIDITY (ntu)	NC	4.71	11.5	7.85	2.45	5.86	3.5	17.2	3.2
SALINITY (ppt)	NC	0.1	0.04	0.005	0.06	0.4	0.6	0.4	0.56
PH (s.u.)	NC	5.73	3.38	5.37	5.25	6.25	5.89	6.42	6.98

Wells are grouped by Area or Recognized Environmental Condition (REC).
Well IDs for each area are shaded different colors.

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Shading indicates screening value exceeded

J - estimated value

µg/L - micrograms per liter

mg/L - milligrams per liter

NC- no criteria

-- = Not Analyzed.

Area or Recognized Environmental Condition (REC) LOCATION SAMPLE ID SAMPLE DATE	MDE groundwater screening values ¹	GSP-MW-37				GSP-MW-39			
		GSP-MW-37-080520	GSP-MW-37-111820	GSP-MW-37-020421	GSP-MW-37-050521	GSP-MW-39-073120	GSP-MW-39-111820	GSP-MW-39-020521	GSP-MW-39-050521
		20200805	20201118	20210204	20210505	20200731	20201118	20210205	20210505
METALS FILTERED (UG/L)									
ARSENIC	10	0.75 U	7.3	8.3	5.7	--	--	--	--
BERYLLIUM	4	4.4	2.7	2.8	5.5	--	--	--	--
CADMIUM	5	1.3	0.2 U	0.2 U	0.2 U	--	--	--	--
CALCIUM	NC	--	--	--	--	--	--	--	--
CHROMIUM	100	1.2 J	1.2 J	0.98 U	0.98 U	--	--	--	--
COPPER	1300	1.7 U	1.7 U	1.7 U	1.7 U	--	--	--	--
IRON	1400	--	--	--	--	--	--	--	--
LEAD	15	1.3	0.45 U	0.45 U	0.45 U	--	--	--	--
MAGNESIUM	NC	--	--	--	--	--	--	--	--
MANGANESE	43	--	--	--	--	--	--	--	--
NICKEL	39	730	390	390	810	--	--	--	--
POTASSIUM	NC	--	--	--	--	--	--	--	--
SELENIUM	50	0.89 U	0.89 U	0.89 U	0.89 U	--	--	--	--
SILICON	NC	--	--	--	--	--	--	--	--
SODIUM	NC	--	--	--	--	--	--	--	--
THALLIUM	2	0.64 J	0.2 U	0.2 U	0.2 U	--	--	--	--
ZINC	600	1500	400	430	1500	--	--	--	--
MISCELLANEOUS (MG/L)									
ACETIC ACID	NC	--	--	--	--	--	--	--	--
ALKALINITY	NC	--	--	--	--	--	--	--	--
AMMONIA	NC	--	--	--	--	--	--	--	--
CHLORIDE	NC	--	--	--	--	--	--	--	--
DISSOLVED ORGANIC CARBON	NC	--	--	--	--	--	--	--	--
LACTIC ACID	NC	--	--	--	--	--	--	--	--
NITRATE-N	NC	--	--	--	--	--	--	--	--
NITRITE-N	NC	--	--	--	--	--	--	--	--
ORTHOPHOSPHATE-P	NC	--	--	--	--	--	--	--	--
SULFATE	NC	--	--	--	--	--	--	--	--
TOTAL DISSOLVED SOLIDS	NC	--	--	--	--	--	--	--	--
PETROLEUM HYDROCARBONS (UG/L)									
TPH (C10-C32)	47	--	--	--	--	--	--	--	--
FIELD									
TEMPERATURE (deg C)	NC	19.34	14.39	11.28	19.37	23.15	13.83	9.54	18.3
DISSOLVED OXYGEN (mg/L)	NC	0	0	0	0	0	0	0	0
FERROUS IRON (mg/L)	NC	5.8	--	--	--	0	--	2.5	6
SPECIFIC CONDUCTANCE (ms/cm)	NC	5.21	5.43	5.44	5.26	3.2	9.98	2.66	1.43
OXIDATION REDUCTION POTENTIAL (mv)	NC	91	-18	18	96	-38	-50	-8	16
TURBIDITY (ntu)	NC	8.2	3.7	4.45	3.44	4.26	7.2	15.65	--
SALINITY (ppt)	NC	2.8	2.91	-9999	2.83	1.7	0.5	1.4	0.71
PH (s.u.)	NC	4.8	4.79	5.8	5.06	5.96	5.57	6.63	6.43

Wells are grouped by Area or Recognized Environmental Condition (REC).
Well IDs for each area are shaded different colors.

1 - Screening values are from Maryland Department of the Environment (MDE) Cleanup Standards for Soil and Groundwater, Interim Final Guidance (Update No. 3), October 2018.

Shading indicates screening value exceeded

J - estimated value

µg/L - micrograms per liter

mg/L - milligrams per liter

NC- no criteria

-- = Not Analyzed.

APPENDIX B—GROUNDWATER LEVEL MEASUREMENTS AND MONITORING WELL PURGING AND SAMPLING RECORDS

GROUNDWATER SAMPLE LOGSHEET



Project No	112IC09076
Project Site:	Lockheed-MSA
Event:	MSA-GSP MNA LTM

Sampled ID:	GSP-MW-04-042622
QA/QC Duplicate ID:	GSP-DUP01-042622
MS/MSD Collected:	NO

Sampled By:	WP
Sample Date:	2022-04-26
Sample Time:	09:16:00

WELL INFORMATION:

Well ID:	GSP-MW-04
Well Diameter (in):	2
Top Screen (ft-BTOR):	10.5
Bottom Screen (ft-BTOR):	20.5
Total Well Depth (ft-BTOR):	20.5

Purge Date:	2022-04-26
Static Water Level (ft-BTOR):	2.51
PID Monitor Reading:	0.0
Purge Method:	Low Flow
Sample Method:	Low Flow

EQUIPMENT INFORMATION:

Water Quality Instrument:	Horiba U 52
Turbidity Meter:	LaMotte 2020WE

Pump Controller:	Geotech Geopump Peristaltic Pump
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FINAL PURGE / SAMPLE DATA:

Time	Water Level (ft-BTOR):	Flow (mL/min)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTU)	Temp (Deg C)	ORP (mV)	Salinity (% or ppt)	Other
09:11:00	2.8	150	Clear	5.81	0.179	0	4.5	13.35	44	0.1	

ANALYSIS, PRESERVATION AND BOTTLE REQUIREMENTS:

Analysis	Method	Preservative	Number	Volume	Bottle Type	Collected
VOCs	8260C	HCl	6	40	Glass Vials	yes
TPH-DRO	8015D	None	4	250	Amber	yes
VOCs	8260C	HCl	6	40	Glass Vials	yes
TPH-DRO	8015D	None	4	250	Amber	yes

OBSERVATIONS/NOTES:

COORDINATES:

Latitude	Longitude
0.000000	0.000000

SIGNATURE:

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GROUNDWATER SAMPLE LOGSHEET - PURGE DATA



Project No:	112IC09076
Project Site:	Lockheed-MSA
Event:	MSA-GSP MNA LTM

Sampled ID:	GSP-MW-04-042622
QA/QC Duplicate ID:	GSP-DUP01-042622
MS/MSD Collected:	NO

Sampled By:	WP
Sample Date:	2022-04-26
Sample Time:	09:16:00

PURGE DATA:

Time	Water Level (ft-BTOR):	Flow (mL/min)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTU)	Temp (Deg C)	ORP (mV)	Salinity (% or ppt)	Other
08:26:00	2.51	300	Clear	5.24	0.198	1.61	244	16.21	104	0.1	
08:31:00	2.9	150	Clear	5.87	0.179	0.14	190	14.85	51	0.1	
08:36:00	2.8	150	Clear	5.83	0.177	0	152	14.26	48	0.1	
08:46:00	2.8	150	Clear	5.78	0.176	0	20.2	13.92	48	0.1	
08:56:00	2.8	150	Clear	5.8	0.178	0	7.1	13.61	46	0.1	
09:01:00	2.8	150	Clear	5.8	0.178	0	4.8	13.53	46	0.1	
09:06:00	2.8	150	Clear	5.81	0.179	0	4.6	13.46	45	0.1	
09:11:00	2.8	150	Clear	5.81	0.179	0	4.5	13.35	44	0.1	

GROUNDWATER SAMPLE LOGSHEET



Project No	112IC09076
Project Site:	Lockheed-MSA
Event:	MSA-GSP MNA LTM

Sampled ID:	GSP-MW-05-042622
QA/QC Duplicate ID:	NA
MS/MSD Collected:	NO

Sampled By:	WP
Sample Date:	2022-04-26
Sample Time:	12:21:00

WELL INFORMATION:

Well ID:	GSP-MW-05
Well Diameter (in):	2
Top Screen (ft-BTOR):	30
Bottom Screen (ft-BTOR):	40
Total Well Depth (ft-BTOR):	40

Purge Date:	2022-04-26
Static Water Level (ft-BTOR):	
PID Monitor Reading:	0.0
Purge Method:	Low Flow
Sample Method:	Low Flow

EQUIPMENT INFORMATION:

Water Quality Instrument:	Horiba U 52
Turbidity Meter:	LaMotte 2020WE

Pump Controller:	Geotech Geopump Peristaltic Pump
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FINAL PURGE / SAMPLE DATA:

Time	Water Level (ft-BTOR):	Flow (mL/min)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTU)	Temp (Deg C)	ORP (mV)	Salinity (% or ppt)	Other
12:16:00	3.95	200	Clear	6.56	0.274	0	4.8	14.16	118	0.1	

ANALYSIS, PRESERVATION AND BOTTLE REQUIREMENTS:

Analysis	Method	Preservative	Number	Volume	Bottle Type	Collected
TPH-DRO	8015D	None	2	250	Amber	yes
Alkalinity	2320B	Unpres	1	250	Poly	yes
TPH-DRO	8015D	None	2	250	Amber	yes
Alkalinity	2320B	Unpres	1	250	Poly	yes

OBSERVATIONS/NOTES:

Well did not stabilize after 90 min max purge time sampling begins.

COORDINATES:

Latitude	Longitude
0.000000	0.000000

SIGNATURE:

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GROUNDWATER SAMPLE LOGSHEET - PURGE DATA



Project No:	112IC09076
Project Site:	Lockheed-MSA
Event:	MSA-GSP MNA LTM

Sampled ID:	GSP-MW-05-042622
QA/QC Duplicate ID:	NA
MS/MSD Collected:	NO

Sampled By:	WP
Sample Date:	2022-04-26
Sample Time:	12:21:00

PURGE DATA:

Time	Water Level (ft-BTOR):	Flow (mL/min)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTU)	Temp (Deg C)	ORP (mV)	Salinity (% or ppt)	Other
11:31:00	3.65	300	Clear	6.66	0.268	0.74	111	14.57	4	0.1	
11:36:00	4.05	200	Clear	6.59	0.272	0	34.9	14.07	59	0.1	
11:41:00	3.95	200	Clear	6.57	0.272	0	22.8	14.11	80	0.1	
11:51:00	3.95	200	Clear	6.55	0.274	0	10.1	14.01	100	0.1	
12:01:00	3.95	200	Clear	6.55	0.275	0	5.6	14.2	109	0.1	
12:06:00	3.95	200	Clear	6.55	0.274	0	5	14.17	113	0.1	
12:11:00	3.95	200	Clear	6.54	0.274	0	4.8	14.15	116	0.1	
12:16:00	3.95	200	Clear	6.56	0.274	0	4.8	14.16	118	0.1	

GROUNDWATER SAMPLE LOGSHEET



Project No	112IC09076
Project Site:	Lockheed-MSA
Event:	MSA-GSP MNA LTM

Sampled ID:	GSP-MW-06-042622
QA/QC Duplicate ID:	NA
MS/MSD Collected:	NO

Sampled By:	WP
Sample Date:	2022-04-26
Sample Time:	14:54:00

WELL INFORMATION:

Well ID:	GSP-MW-06
Well Diameter (in):	2
Top Screen (ft-BTOR):	12.5
Bottom Screen (ft-BTOR):	22.5
Total Well Depth (ft-BTOR):	22.5

Purge Date:	2022-04-26
Static Water Level (ft-BTOR):	1.85
PID Monitor Reading:	0.0
Purge Method:	Low Flow
Sample Method:	Low Flow

EQUIPMENT INFORMATION:

Water Quality Instrument:	Horiba U 52
Turbidity Meter:	LaMotte 2020WE

Pump Controller:	Geotech Geopump Peristaltic Pump
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FINAL PURGE / SAMPLE DATA:

Time	Water Level (ft-BTOR):	Flow (mL/min)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTU)	Temp (Deg C)	ORP (mV)	Salinity (% or ppt)	Other
14:49:00	4.7	100	Clear	7.57	0.344	0	4.2	13.58	71	0.2	

ANALYSIS, PRESERVATION AND BOTTLE REQUIREMENTS:

Analysis	Method	Preservative	Number	Volume	Bottle Type	Collected
TPH-DRO	8015D	None	2	250	Amber	yes
Alkalinity	2320B	Unpreserve	1	250	Poly	yes
TPH-DRO	8015D	None	2	250	Amber	yes
Alkalinity	2320B	Unpreserve	1	250	Poly	yes

OBSERVATIONS/NOTES:

COORDINATES:

Latitude	Longitude
0.000000	0.000000

SIGNATURE:

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GROUNDWATER SAMPLE LOGSHEET - PURGE DATA



Project No:	112IC09076
Project Site:	Lockheed-MSA
Event:	MSA-GSP MNA LTM

Sampled ID:	GSP-MW-06-042622
QA/QC Duplicate ID:	NA
MS/MSD Collected:	NO

Sampled By:	WP
Sample Date:	2022-04-26
Sample Time:	14:54:00

PURGE DATA:

Time	Water Level (ft-BTOR):	Flow (mL/min)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTU)	Temp (Deg C)	ORP (mV)	Salinity (% or ppt)	Other
13:44:00	1.85	300	Clear	7.33	0.316	1.19	43.3	17.7	97	0.2	
13:49:00	2.6	250	Clear	7.75	0.332	0	20.5	16.51	82	0.2	
13:54:00	3.45	150	Clear	7.85	0.33	0	10.5	16.17	74	0.2	
14:04:00	3.9	100	Clear	7.84	0.336	0	6.1	15.18	69	0.2	
14:14:00	4.35	100	Clear	7.8	0.338	0	5.2	14.54	68	0.2	
14:24:00	4.65	100	Clear	7.76	0.341	0	4.5	14.16	67	0.2	
14:34:00	4.7	100	Clear	7.68	0.344	0	4.3	13.85	68	0.2	
14:39:00	4.7	100	Clear	7.63	0.344	0	4.3	13.6	70	0.2	
14:44:00	4.7	100	Clear	7.61	0.344	0	4.2	13.61	71	0.2	
14:49:00	4.7	100	Clear	7.57	0.344	0	4.2	13.58	71	0.2	

GROUNDWATER SAMPLE LOGSHEET



Project No	112IC09076
Project Site:	Lockheed-MSA
Event:	MSA-GSP MNA LTM

Sampled ID:	GSP-MW-07-042722
QA/QC Duplicate ID:	NA
MS/MSD Collected:	NO

Sampled By:	WP
Sample Date:	2022-04-27
Sample Time:	11:54:00

WELL INFORMATION:

Well ID:	GSP-MW-07
Well Diameter (in):	2
Top Screen (ft-BTOR):	12
Bottom Screen (ft-BTOR):	22
Total Well Depth (ft-BTOR):	22

Purge Date:	2022-04-27
Static Water Level (ft-BTOR):	2.54
PID Monitor Reading:	0.0
Purge Method:	Low Flow
Sample Method:	Low Flow

EQUIPMENT INFORMATION:

Water Quality Instrument:	Horiba U 52
Turbidity Meter:	LaMotte 2020WE

Pump Controller:	Geotech Geopump Peristaltic Pump
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FINAL PURGE / SAMPLE DATA:

Time	Water Level (ft-BTOR):	Flow (mL/min)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTU)	Temp (Deg C)	ORP (mV)	Salinity (% or ppt)	Other
11:49:00	5.74	100	Clear	6.18	0.117	0	6.8	15.25	164	0.1	

ANALYSIS, PRESERVATION AND BOTTLE REQUIREMENTS:

Analysis	Method	Preservative	Number	Volume	Bottle Type	Collected
VOCs	8260C	HCl	3	40	Glass Vials	yes
VOCs	8260C	HCl	3	40	Glass Vials	yes

OBSERVATIONS/NOTES:

COORDINATES:

Latitude	Longitude
0.000000	0.000000

SIGNATURE:

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GROUNDWATER SAMPLE LOGSHEET - PURGE DATA



Project No:	112IC09076
Project Site:	Lockheed-MSA
Event:	MSA-GSP MNA LTM

Sampled ID:	GSP-MW-07-042722
QA/QC Duplicate ID:	NA
MS/MSD Collected:	NO

Sampled By:	WP
Sample Date:	2022-04-27
Sample Time:	11:54:00

PURGE DATA:

Time	Water Level (ft-BTOR)	Flow (mL/min)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTU)	Temp (Deg C)	ORP (mV)	Salinity (% or ppt)	Other
10:29:00	2.54	300	Clear	6.3	0.12	1.46	57.7	15.19	41	0.1	
10:34:00	3.5	150	Clear	6.28	0.12	0	53.5	15.13	76	0.1	
10:39:00	4.23	100	Clear	6.33	0.118	0	49.3	15.3	89	0.1	
10:49:00	4.55	100	Clear	6.36	0.116	0	26.8	15.65	112	0.1	
10:59:00	4.95	100	Clear	6.36	0.114	0	16.3	15.61	125	0.1	
11:09:00	5.18	100	Clear	6.35	0.114	0	9.69	15.71	135	0.1	
11:19:00	5.4	100	Clear	6.34	0.114	0	7.81	15.72	141	0.1	
11:29:00	5.55	100	Clear	6.29	0.115	0	6.95	15.52	150	0.1	
11:39:00	5.7	100	Clear	6.24	0.116	0	6.85	15.38	158	0.1	
11:44:00	5.72	100	Clear	6.21	0.117	0	6.83	15.3	160	0.1	
11:49:00	5.74	100	Clear	6.18	0.117	0	6.8	15.25	164	0.1	

GROUNDWATER SAMPLE LOGSHEET



Project No	112IC09076
Project Site:	Lockheed-MSA
Event:	MSA-GSP MNA LTM

Sampled ID:	GSP-MW-13-042722
QA/QC Duplicate ID:	NA
MS/MSD Collected:	NO

Sampled By:	WP
Sample Date:	2022-04-27
Sample Time:	13:52:00

WELL INFORMATION:

Well ID:	GSP-MW-13
Well Diameter (in):	2
Top Screen (ft-BTOR):	13
Bottom Screen (ft-BTOR):	23
Total Well Depth (ft-BTOR):	23

Purge Date:	2022-04-27
Static Water Level (ft-BTOR):	3.61
PID Monitor Reading:	0.0
Purge Method:	Low Flow
Sample Method:	Low Flow

EQUIPMENT INFORMATION:

Water Quality Instrument:	Horiba U 52
Turbidity Meter:	LaMotte 2020WE

Pump Controller:	Geotech Geopump Peristaltic Pump
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FINAL PURGE / SAMPLE DATA:

Time	Water Level (ft-BTOR):	Flow (mL/min)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTU)	Temp (Deg C)	ORP (mV)	Salinity (% or ppt)	Other
13:47:00	4.03	150	Clear	7.1	2.38	0	8.03	16.08	-58	1.2	

ANALYSIS, PRESERVATION AND BOTTLE REQUIREMENTS:

Analysis	Method	Preservative	Number	Volume	Bottle Type	Collected
VOCs	8260C	HCl	3	40	Glass Vials	yes
VOCs	8260C	HCl	3	40	Glass Vials	yes

OBSERVATIONS/NOTES:

COORDINATES:

Latitude	Longitude
0.000000	0.000000

SIGNATURE:

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GROUNDWATER SAMPLE LOGSHEET - PURGE DATA



Project No:	112IC09076
Project Site:	Lockheed-MSA
Event:	MSA-GSP MNA LTM

Sampled ID:	GSP-MW-13-042722
QA/QC Duplicate ID:	NA
MS/MSD Collected:	NO

Sampled By:	WP
Sample Date:	2022-04-27
Sample Time:	13:52:00

PURGE DATA:

Time	Water Level (ft-BTOR):	Flow (mL/min)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTU)	Temp (Deg C)	ORP (mV)	Salinity (% or ppt)	Other
13:02:00	3.61	300	Clear	6.34	2.08	2.5	38.5	16.06	76	1.1	
13:07:00	4.05	200	Clear	6.66	2.32	0.05	12.2	15.93	-8	1.2	
13:12:00	4.07	150	Clear	6.81	2.36	0	9.13	15.9	-27	1.2	
13:22:00	4.03	150	Clear	6.94	2.39	0	9.13	16.14	-43	1.2	
13:32:00	4.03	150	Clear	7.06	2.38	0	7.96	16.32	-54	1.2	
13:37:00	4.03	150	Clear	7.09	2.38	0	8.04	16.23	-56	1.2	
13:42:00	4.03	150	Clear	7.1	2.37	0	8.02	16.12	-57	1.2	
13:47:00	4.03	150	Clear	7.1	2.38	0	8.03	16.08	-58	1.2	

GROUNDWATER SAMPLE LOGSHEET



Project No	112IC09076
Project Site:	Lockheed-MSA
Event:	MSA-GSP MNA LTM

Sampled ID:	GSP-MW-20-042622
QA/QC Duplicate ID:	NA
MS/MSD Collected:	NO

Sampled By:	WP
Sample Date:	2022-04-26
Sample Time:	11:15:00

WELL INFORMATION:

Well ID:	GSP-MW-20
Well Diameter (in):	2
Top Screen (ft-BTOR):	5
Bottom Screen (ft-BTOR):	15
Total Well Depth (ft-BTOR):	15

Purge Date:	2022-04-26
Static Water Level (ft-BTOR):	5.95
PID Monitor Reading:	0.0
Purge Method:	Low Flow
Sample Method:	Low Flow

EQUIPMENT INFORMATION:

Water Quality Instrument:	Horiba U 52
Turbidity Meter:	LaMotte 2020WE

Pump Controller:	Geotech Geopump Peristaltic Pump
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FINAL PURGE / SAMPLE DATA:

Time	Water Level (ft-BTOR):	Flow (mL/min)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTU)	Temp (Deg C)	ORP (mV)	Salinity (% or ppt)	Other
11:10:00	10.38	100	Clear	6.18	0.247	0	7.6	13.4	-23	0.1	

ANALYSIS, PRESERVATION AND BOTTLE REQUIREMENTS:

Analysis	Method	Preservative	Number	Volume	Bottle Type	Collected
TPH-DRO	8015D	None	2	250	Amber	yes
TPH-DRO	8015D	None	2	250	Amber	yes

OBSERVATIONS/NOTES:

COORDINATES:

Latitude	Longitude
0.000000	0.000000

SIGNATURE:

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GROUNDWATER SAMPLE LOGSHEET - PURGE DATA



Project No:	112IC09076
Project Site:	Lockheed-MSA
Event:	MSA-GSP MNA LTM

Sampled ID:	GSP-MW-20-042622
QA/QC Duplicate ID:	NA
MS/MSD Collected:	NO

Sampled By:	WP
Sample Date:	2022-04-26
Sample Time:	11:15:00

PURGE DATA:

Time	Water Level (ft-BTOR)	Flow (mL/min)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTU)	Temp (Deg C)	ORP (mV)	Salinity (% or ppt)	Other
09:40:00	5.95	300	Clear	5.88	0.227	0.6	26.7	14.81	19	0.1	
09:45:00	6.3	200	Clear	5.78	0.234	0	7.29	14.18	8	0.1	
09:50:00	6.67	150	Clear	5.81	0.234	0	7.99	14.18	4	0.1	
10:00:00	6.86	100	Clear	5.88	0.236	0	7.84	14.17	-2	0.1	
10:10:00	7.38	100	Clear	5.93	0.24	0	7.27	14.09	-6	0.1	
10:20:00	7.9	100	Clear	6.01	0.244	0	6.26	14.03	-12	0.1	
10:30:00	8.41	100	Clear	6.1	0.247	0	6.98	13.91	-17	0.1	
10:40:00	8.95	100	Clear	6.17	0.249	0	7.29	14	-21	0.1	
10:50:00	9.4	100	Clear	6.14	0.252	0	7.45	13.54	-21	0.1	
11:00:00	9.9	100	Clear	6.17	0.248	0	7.57	14.01	-23	0.1	
11:10:00	10.38	100	Clear	6.18	0.247	0	7.6	13.4	-23	0.1	

GROUNDWATER SAMPLE LOGSHEET



Project No	112IC09076
Project Site:	Lockheed-MSA
Event:	MSA-GSP MNA LTM

Sampled ID:	GSP-MW-23I-042722
QA/QC Duplicate ID:	NA
MS/MSD Collected:	YES

Sampled By:	WP
Sample Date:	2022-04-27
Sample Time:	09:59:00

WELL INFORMATION:

Well ID:	GSP-MW-23I
Well Diameter (in):	2
Top Screen (ft-BTOR):	30
Bottom Screen (ft-BTOR):	40
Total Well Depth (ft-BTOR):	40

Purge Date:	2022-04-27
Static Water Level (ft-BTOR):	3.57
PID Monitor Reading:	0.0
Purge Method:	Low Flow
Sample Method:	Low Flow

EQUIPMENT INFORMATION:

Water Quality Instrument:	Horiba U 52
Turbidity Meter:	LaMotte 2020WE

Pump Controller:	Geotech Geopump Peristaltic Pump
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FINAL PURGE / SAMPLE DATA:

Time	Water Level (ft-BTOR):	Flow (mL/min)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTU)	Temp (Deg C)	ORP (mV)	Salinity (% or ppt)	Other
09:54:00	3.7	150	Clear	5.81	0.134	0	1.2	15.37	64	0.1	

ANALYSIS, PRESERVATION AND BOTTLE REQUIREMENTS:

Analysis	Method	Preservative	Number	Volume	Bottle Type	Collected
VOCs	8260C	HCl	9	40	Glass Vials	yes
VOCs	8260C	HCl	9	40	Glass Vials	yes

OBSERVATIONS/NOTES:

COORDINATES:

Latitude	Longitude
0.000000	0.000000

SIGNATURE:

WP

GROUNDWATER SAMPLE LOGSHEET - PURGE DATA



Project No:	112IC09076
Project Site:	Lockheed-MSA
Event:	MSA-GSP MNA LTM

Sampled ID:	GSP-MW-23I-042722
QA/QC Duplicate ID:	NA
MS/MSD Collected:	YES

Sampled By:	WP
Sample Date:	2022-04-27
Sample Time:	09:59:00

PURGE DATA:

Time	Water Level (ft-BTOR):	Flow (mL/min)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTU)	Temp (Deg C)	ORP (mV)	Salinity (% or ppt)	Other
09:09:00	3.57	300	Clear	7.78	0.126	1.99	104	15.59	-39	0.1	
09:14:00	3.7	150	Clear	6.39	0.136	0.41	19	15.81	31	0.1	
09:19:00	3.7	150	Clear	6.04	0.147	0	16.7	15.59	41	0.1	
09:29:00	3.7	150	Clear	5.87	0.147	0	11.4	15.26	52	0.1	
09:39:00	3.7	150	Clear	5.83	0.139	0	4	15.37	59	0.1	
09:44:00	3.7	150	Clear	5.84	0.137	0	1.2	15.32	57	0.1	
09:49:00	3.7	150	Clear	5.8	0.135	0	1.1	15.31	61	0.1	
09:54:00	3.7	150	Clear	5.81	0.134	0	1.2	15.37	64	0.1	

GROUNDWATER SAMPLE LOGSHEET



Project No	112IC09076
Project Site:	Lockheed-MSA
Event:	MSA-GSP MNA LTM

Sampled ID:	GSP-MW-27-042522
QA/QC Duplicate ID:	NA
MS/MSD Collected:	NO

Sampled By:	WP
Sample Date:	2022-04-25
Sample Time:	09:48:00

WELL INFORMATION:

Well ID:	GSP-MW-27
Well Diameter (in):	2
Top Screen (ft-BTOR):	20
Bottom Screen (ft-BTOR):	30
Total Well Depth (ft-BTOR):	30

Purge Date:	2022-04-25
Static Water Level (ft-BTOR):	
PID Monitor Reading:	0.0
Purge Method:	Low Flow
Sample Method:	Low Flow

EQUIPMENT INFORMATION:

Water Quality Instrument:	Horiba U 52
Turbidity Meter:	LaMotte 2020WE

Pump Controller:	Geotech Geopump Peristaltic Pump
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FINAL PURGE / SAMPLE DATA:

Time	Water Level (ft-BTOR):	Flow (mL/min)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTU)	Temp (Deg C)	ORP (mV)	Salinity (% or ppt)	Other
11:38:00	19.55	100	Clear	6.83	0.102	0	37.8	14.24	-96	0	

ANALYSIS, PRESERVATION AND BOTTLE REQUIREMENTS:

Analysis	Method	Preservative	Number	Volume	Bottle Type	Collected
TPH-DRO	8015D	None	2	250	Amber	yes
TPH-DRO	8015D	None	2	250	Amber	yes

OBSERVATIONS/NOTES:

COORDINATES:

Latitude	Longitude
0.000000	0.000000

SIGNATURE:

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GROUNDWATER SAMPLE LOGSHEET - PURGE DATA



Project No:	112IC09076
Project Site:	Lockheed-MSA
Event:	MSA-GSP MNA LTM

Sampled ID:	GSP-MW-27-042522
QA/QC Duplicate ID:	NA
MS/MSD Collected:	NO

Sampled By:	WP
Sample Date:	2022-04-25
Sample Time:	09:48:00

PURGE DATA:

Time	Water Level (ft-BTOR)	Flow (mL/min)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTU)	Temp (Deg C)	ORP (mV)	Salinity (% or ppt)	Other
10:08:00	5.26	150	Clear	4.98	0.113	0.89	840	13.76	-9	0.1	
10:13:00	5.95	100	Clear	5.51	0.107	0	228	13.46	-54	0	
10:18:00	6.95	100	Clear	5.67	0.106	0	103	13.43	-63	0	
10:28:00	7.8	100	Clear	5.9	0.105	0	28.6	13.58	-72	0	
10:38:00	9.7	100	Clear	6.08	0.104	0	26.5	13.73	-77	0	
10:48:00	11.37	100	Clear	6.4	0.103	0	26.7	13.92	-84	0	
10:58:00	14.3	100	Clear	6.6	0.103	0	26.8	13.95	-94	0	
11:08:00	15.9	100	Clear	6.81	0.103	0	45.7	14.02	-98	0	
11:18:00	17	100	Clear	6.83	0.102	0	40.1	14.08	-100	0	
11:28:00	19.29	100	Clear	6.83	0.102	0	37.4	14.15	-93	0	
11:38:00	19.55	100	Clear	6.83	0.102	0	37.8	14.24	-96	0	

GROUNDWATER SAMPLE LOGSHEET



Project No	112IC09076
Project Site:	Lockheed-MSA
Event:	MSA-GSP MNA LTM

Sampled ID:	GSP-MW-28-042822
QA/QC Duplicate ID:	NA
MS/MSD Collected:	NO

Sampled By:	WP
Sample Date:	2022-04-28
Sample Time:	14:50:00

WELL INFORMATION:

Well ID:	GSP-MW-28
Well Diameter (in):	2
Top Screen (ft-BTOR):	12
Bottom Screen (ft-BTOR):	22
Total Well Depth (ft-BTOR):	22

Purge Date:	2022-04-28
Static Water Level (ft-BTOR):	8.33
PID Monitor Reading:	0.0
Purge Method:	Low Flow
Sample Method:	Low Flow

EQUIPMENT INFORMATION:

Water Quality Instrument:	Horiba U 52
Turbidity Meter:	LaMotte 2020WE

Pump Controller:	Geotech Geopump Peristaltic Pump
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FINAL PURGE / SAMPLE DATA:

Time	Water Level (ft-BTOR):	Flow (mL/min)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTU)	Temp (Deg C)	ORP (mV)	Salinity (% or ppt)	Other
14:45:00	8.5	150	Clear	5.38	0.106	0	3.5	14.49	215	0	

ANALYSIS, PRESERVATION AND BOTTLE REQUIREMENTS:

Analysis	Method	Preservative	Number	Volume	Bottle Type	Collected
VOCs	8260C	HCl	3	40	Glass Vials	yes
VOCs	8260C	HCl	3	40	Glass Vials	yes

OBSERVATIONS/NOTES:

COORDINATES:

Latitude	Longitude
0.000000	0.000000

SIGNATURE:

Walt

GROUNDWATER SAMPLE LOGSHEET - PURGE DATA



Project No:	112IC09076
Project Site:	Lockheed-MSA
Event:	MSA-GSP MNA LTM

Sampled ID:	GSP-MW-28-042822
QA/QC Duplicate ID:	NA
MS/MSD Collected:	NO

Sampled By:	WP
Sample Date:	2022-04-28
Sample Time:	14:50:00

PURGE DATA:

Time	Water Level (ft-BTOR):	Flow (mL/min)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTU)	Temp (Deg C)	ORP (mV)	Salinity (% or ppt)	Other
14:00:00	8.33	300	Clear	9.51	0.102	2.64	48.6	16.6	75	0	
14:05:00	8.53	150	Clear	8.13	0.106	0.75	8.4	16.05	137	0	
14:10:00	8.5	150	Clear	7.02	0.107	0	4.4	15.43	182	0	
14:20:00	8.5	150	Clear	5.91	0.107	0	4	14.92	202	0	
14:30:00	8.5	150	Clear	5.56	0.107	0	3.5	14.65	208	0	
14:35:00	8.5	150	Clear	5.46	0.107	0	3.4	14.56	211	0	
14:40:00	8.5	150	Clear	5.4	0.106	0	3.4	14.51	213	0	
14:45:00	8.5	150	Clear	5.38	0.106	0	3.5	14.49	215	0	

GROUNDWATER SAMPLE LOGSHEET



Project No	112IC09076
Project Site:	Lockheed-MSA
Event:	MSA-GSP MNA LTM

Sampled ID:	GSP-MW-29-042522
QA/QC Duplicate ID:	NA
MS/MSD Collected:	NO

Sampled By:	WP
Sample Date:	2022-04-25
Sample Time:	09:43:00

WELL INFORMATION:

Well ID:	GSP-MW-29
Well Diameter (in):	2
Top Screen (ft-BTOR):	5
Bottom Screen (ft-BTOR):	15
Total Well Depth (ft-BTOR):	15

Purge Date:	2022-04-25
Static Water Level (ft-BTOR):	
PID Monitor Reading:	0.0
Purge Method:	Low Flow
Sample Method:	Low Flow

EQUIPMENT INFORMATION:

Water Quality Instrument:	Horiba U 52
Turbidity Meter:	LaMotte 2020WE

Pump Controller:	Geotech Geopump Peristaltic Pump
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FINAL PURGE / SAMPLE DATA:

Time	Water Level (ft-BTOR):	Flow (mL/min)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTU)	Temp (Deg C)	ORP (mV)	Salinity (% or ppt)	Other
09:38:00	3.65	150	Clear	3.64	0.037	0	5.1	12.8	168	0	

ANALYSIS, PRESERVATION AND BOTTLE REQUIREMENTS:

Analysis	Method	Preservative	Number	Volume	Bottle Type	Collected
MEE	RSK-175	HCL	3	40	Glass Vial	no
Alkalinity	2320B	HCl	3	40	Glass Vials	no
TPH-DRO	8015D	None	2	250	Amber	yes
MEE	RSK-175	HCL	3	40	Glass Vial	no
Alkalinity	2320B	HCl	3	40	Glass Vials	no
TPH-DRO	8015D	None	2	250	Amber	yes

OBSERVATIONS/NOTES:

COORDINATES:

SIGNATURE:

Latitude	Longitude
0.000000	0.000000

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GROUNDWATER SAMPLE LOGSHEET - PURGE DATA



Project No:	112IC09076
Project Site:	Lockheed-MSA
Event:	MSA-GSP MNA LTM

Sampled ID:	GSP-MW-29-042522
QA/QC Duplicate ID:	NA
MS/MSD Collected:	NO

Sampled By:	WP
Sample Date:	2022-04-25
Sample Time:	09:43:00

PURGE DATA:

Time	Water Level (ft-BTOR):	Flow (mL/min)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTU)	Temp (Deg C)	ORP (mV)	Salinity (% or ppt)	Other
08:53:00	3.39	150	Clear	4.06	0.059	1.6	176	15.51	175	0	
08:58:00	3.65	150	Clear	4.34	0.04	0.47	33.4	14.41	136	0	
09:03:00	3.62	150	Clear	4.27	0.038	0.23	10.1	13.56	141	0	
09:13:00	3.65	150	Clear	3.98	0.037	0	7.6	13.09	154	0	
09:23:00	3.65	150	Clear	3.82	0.037	0	5.4	12.96	160	0	
09:28:00	3.65	150	Clear	3.73	0.036	0	5.2	12.89	164	0	
09:33:00	3.65	150	Clear	3.69	0.036	0	5.1	12.85	167	0	
09:38:00	3.65	150	Clear	3.64	0.037	0	5.1	12.8	168	0	

GROUNDWATER SAMPLE LOGSHEET



Project No	112IC09076
Project Site:	Lockheed-MSA
Event:	MSA-GSP MNA LTM

Sampled ID:	GSP-MW-30-042822
QA/QC Duplicate ID:	NA
MS/MSD Collected:	NO

Sampled By:	WP
Sample Date:	2022-04-28
Sample Time:	12:48:00

WELL INFORMATION:

Well ID:	GSP-MW-30
Well Diameter (in):	2
Top Screen (ft-BTOR):	15
Bottom Screen (ft-BTOR):	25
Total Well Depth (ft-BTOR):	25

Purge Date:	2022-04-28
Static Water Level (ft-BTOR):	4.3
PID Monitor Reading:	0.0
Purge Method:	Low Flow
Sample Method:	Low Flow

EQUIPMENT INFORMATION:

Water Quality Instrument:	Horiba U 52
Turbidity Meter:	LaMotte 2020WE

Pump Controller:	Geotech Geopump Peristaltic Pump
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FINAL PURGE / SAMPLE DATA:

Time	Water Level (ft-BTOR):	Flow (mL/min)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTU)	Temp (Deg C)	ORP (mV)	Salinity (% or ppt)	Other
12:43:00	10.95	100	Clear	10.83	0.072	0	11.1	13.16	-128	0	

ANALYSIS, PRESERVATION AND BOTTLE REQUIREMENTS:

Analysis	Method	Preservative	Number	Volume	Bottle Type	Collected
TPH-DRO	8015D	None	2	250	Amber	yes
Alkalinity	2320B	Unpres	1	250	Poly	yes
TPH-DRO	8015D	None	2	250	Amber	yes
Alkalinity	2320B	Unpres	1	250	Poly	yes

OBSERVATIONS/NOTES:

COORDINATES:

Latitude	Longitude
0.000000	0.000000

SIGNATURE:

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GROUNDWATER SAMPLE LOGSHEET - PURGE DATA



Project No:	112IC09076
Project Site:	Lockheed-MSA
Event:	MSA-GSP MNA LTM

Sampled ID:	GSP-MW-30-042822
QA/QC Duplicate ID:	NA
MS/MSD Collected:	NO

Sampled By:	WP
Sample Date:	2022-04-28
Sample Time:	12:48:00

PURGE DATA:

Time	Water Level (ft-BTOR):	Flow (mL/min)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTU)	Temp (Deg C)	ORP (mV)	Salinity (% or ppt)	Other
11:13:00	4.3	300	Clear	10.04	0.08	23.04	20.6	14.01	-11	0	
11:18:00	5.2	150	Clear	10.81	0.073	0.1	18.8	13.77	-51	0	
11:23:00	6.1	100	Clear	10.68	0.064	0	11.6	13.42	-76	0	
11:33:00	7.95	100	Clear	10.58	0.06	0	12.1	13.41	-100	0	
11:43:00	8.85	100	Clear	10.65	0.059	0	11.8	13.56	-121	0	
11:53:00	9.61	100	Clear	10.71	0.06	0	11	13.65	-132	0	
12:03:00	10.01	100	Clear	10.79	0.063	0	11.3	13.47	-136	0	
12:13:00	10.4	100	Clear	10.79	0.065	0	10.6	13.37	-136	0	
12:23:00	10.65	100	Clear	10.79	0.067	0	11.5	13.29	-130	0	
12:33:00	10.8	100	Clear	10.78	0.071	0	11	13.16	-127	0	
12:43:00	10.95	100	Clear	10.83	0.072	0	11.1	13.16	-128	0	

GROUNDWATER SAMPLE LOGSHEET



Project No	112IC09076
Project Site:	Lockheed-MSA
Event:	MSA-GSP MNA LTM

Sampled ID:	GSP-MW-31-042522
QA/QC Duplicate ID:	No
MS/MSD Collected:	NO

Sampled By:	WP
Sample Date:	2022-04-25
Sample Time:	14:05:00

WELL INFORMATION:

Well ID:	GSP-MW-31
Well Diameter (in):	2
Top Screen (ft-BTOR):	5
Bottom Screen (ft-BTOR):	15
Total Well Depth (ft-BTOR):	15

Purge Date:	2022-04-25
Static Water Level (ft-BTOR):	3.63
PID Monitor Reading:	0.0
Purge Method:	Low Flow
Sample Method:	Low Flow

EQUIPMENT INFORMATION:

Water Quality Instrument:	Horiba U 52
Turbidity Meter:	LaMotte 2020WE

Pump Controller:	Geotech Geopump Peristaltic Pump
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FINAL PURGE / SAMPLE DATA:

Time	Water Level (ft-BTOR):	Flow (mL/min)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTU)	Temp (Deg C)	ORP (mV)	Salinity (% or ppt)	Other
14:00:00	5.17	100	Clear	5.41	0.272	0	6.5	14.64	100	0.1	

ANALYSIS, PRESERVATION AND BOTTLE REQUIREMENTS:

Analysis	Method	Preservative	Number	Volume	Bottle Type	Collected
VOCs	8260C	HCl	3	40	Glass Vials	yes
VOCs	8260C	HCl	3	40	Glass Vials	yes

OBSERVATIONS/NOTES:

COORDINATES:

Latitude	Longitude
0.000000	0.000000

SIGNATURE:

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GROUNDWATER SAMPLE LOGSHEET - PURGE DATA



Project No:	112IC09076
Project Site:	Lockheed-MSA
Event:	MSA-GSP MNA LTM

Sampled ID:	GSP-MW-31-042522
QA/QC Duplicate ID:	No
MS/MSD Collected:	NO

Sampled By:	WP
Sample Date:	2022-04-25
Sample Time:	14:05:00

PURGE DATA:

Time	Water Level (ft-BTOR):	Flow (mL/min)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTU)	Temp (Deg C)	ORP (mV)	Salinity (% or ppt)	Other
13:15:00	3.63	300	Clear	5.48	0.268	10.53	33.5	14.09	100	0.1	
13:20:00	4.25	150	Clear	5.25	0.269	5.06	20.1	14.11	113	0.1	
13:25:00	4.75	100	Clear	5.25	0.27	2.05	9.24	14.32	115	0.1	
13:35:00	4.83	100	Clear	5.36	0.27	0	7.41	14.55	111	0.1	
13:45:00	5	100	Clear	5.39	0.27	0	7.13	14.52	105	0.1	
13:50:00	5.11	100	Clear	5.4	0.271	0	6.56	14.48	104	0.1	
13:55:00	5.15	100	Clear	5.41	0.271	0	6.52	14.51	102	0.1	
14:00:00	5.17	100	Clear	5.41	0.272	0	6.5	14.64	100	0.1	

GROUNDWATER SAMPLE LOGSHEET



Project No	112IC09076
Project Site:	Lockheed-MSA
Event:	MSA-GSP MNA LTM

Sampled ID:	GSP-MW-32D-042822
QA/QC Duplicate ID:	NA
MS/MSD Collected:	NO

Sampled By:	WP
Sample Date:	2022-04-28
Sample Time:	10:39:00

WELL INFORMATION:

Well ID:	GSP-MW-32D
Well Diameter (in):	2
Top Screen (ft-BTOR):	70
Bottom Screen (ft-BTOR):	80
Total Well Depth (ft-BTOR):	80

Purge Date:	2022-04-28
Static Water Level (ft-BTOR):	6
PID Monitor Reading:	0.0
Purge Method:	Low Flow
Sample Method:	Low Flow

EQUIPMENT INFORMATION:

Water Quality Instrument:	Horiba U 52
Turbidity Meter:	LaMotte 2020WE

Pump Controller:	Geotech Geopump Peristaltic Pump
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FINAL PURGE / SAMPLE DATA:

Time	Water Level (ft-BTOR):	Flow (mL/min)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTU)	Temp (Deg C)	ORP (mV)	Salinity (% or ppt)	Other
10:34:00	6.1	150	Clear	7.09	0.064	2.84	7.7	14.27	130	0	

ANALYSIS, PRESERVATION AND BOTTLE REQUIREMENTS:

Analysis	Method	Preservative	Number	Volume	Bottle Type	Collected
VOCs	8260C	HCl	3	40	Glass Vials	yes
MEE	RSK-175	HCl	3	40	Glass Vials	yes
Alkalinity	2320B	Unpres	1	250	Poly	yes
VOCs	8260C	HCl	3	40	Glass Vials	yes
MEE	RSK-175	HCl	3	40	Glass Vials	yes
Alkalinity	2320B	Unpres	1	250	Poly	yes

OBSERVATIONS/NOTES:

COORDINATES:

SIGNATURE:

Latitude	Longitude
0.000000	0.000000

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GROUNDWATER SAMPLE LOGSHEET - PURGE DATA



Project No:	112IC09076
Project Site:	Lockheed-MSA
Event:	MSA-GSP MNA LTM

Sampled ID:	GSP-MW-32D-042822
QA/QC Duplicate ID:	NA
MS/MSD Collected:	NO

Sampled By:	WP
Sample Date:	2022-04-28
Sample Time:	10:39:00

PURGE DATA:

Time	Water Level (ft-BTOR):	Flow (mL/min)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTU)	Temp (Deg C)	ORP (mV)	Salinity (% or ppt)	Other
09:49:00	6	300	Clear	5.89	0.066	5.74	20.8	13.51	190	0	
09:54:00	6.13	150	Clear	6.52	0.065	3.72	10.9	13.51	167	0	
09:59:00	6.1	150	Clear	6.75	0.064	3.08	10.8	13.46	154	0	
10:09:00	6.1	150	Clear	6.92	0.064	3.03	10.2	13.76	141	0	
10:19:00	6.1	150	Clear	7.02	0.064	2.97	7.95	13.92	135	0	
10:24:00	6.1	150	Clear	7.05	0.064	2.94	7.81	14.07	133	0	
10:29:00	6.1	150	Clear	7.07	0.064	2.91	7.75	14.14	132	0	
10:34:00	6.1	150	Clear	7.09	0.064	2.84	7.7	14.27	130	0	

GROUNDWATER SAMPLE LOGSHEET



Project No	112IC09076
Project Site:	Lockheed-MSA
Event:	MSA-GSP MNA LTM

Sampled ID:	GSP-MW-32S-042822
QA/QC Duplicate ID:	NA
MS/MSD Collected:	NO

Sampled By:	WP
Sample Date:	2022-04-28
Sample Time:	09:36:00

WELL INFORMATION:

Well ID:	GSP-MW-32S
Well Diameter (in):	2
Top Screen (ft-BTOR):	20
Bottom Screen (ft-BTOR):	30
Total Well Depth (ft-BTOR):	30

Purge Date:	2022-04-28
Static Water Level (ft-BTOR):	5.21
PID Monitor Reading:	0.0
Purge Method:	Low Flow
Sample Method:	Low Flow

EQUIPMENT INFORMATION:

Water Quality Instrument:	Horiba U 52
Turbidity Meter:	LaMotte 2020WE

Pump Controller:	Geotech Geopump Peristaltic Pump
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FINAL PURGE / SAMPLE DATA:

Time	Water Level (ft-BTOR):	Flow (mL/min)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTU)	Temp (Deg C)	ORP (mV)	Salinity (% or ppt)	Other
09:31:00	6.74	100	Clear	4.75	0.036	2.4	4.4	12.97	289	0	

ANALYSIS, PRESERVATION AND BOTTLE REQUIREMENTS:

Analysis	Method	Preservative	Number	Volume	Bottle Type	Collected
VOCs	8260C	HCl	3	40	Glass Vials	yes
MEE	RSK-175	HCl	3	40	Glass Vials	yes
Alkalinity	2320B	Unpres	1	250	Poly	yes
VOCs	8260C	HCl	3	40	Glass Vials	yes
MEE	RSK-175	HCl	3	40	Glass Vials	yes
Alkalinity	2320B	Unpres	1	250	Poly	yes

OBSERVATIONS/NOTES:

COORDINATES:

SIGNATURE:

Latitude	Longitude
0.000000	0.000000

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GROUNDWATER SAMPLE LOGSHEET - PURGE DATA



Project No:	112IC09076
Project Site:	Lockheed-MSA
Event:	MSA-GSP MNA LTM

Sampled ID:	GSP-MW-32S-042822
QA/QC Duplicate ID:	NA
MS/MSD Collected:	NO

Sampled By:	WP
Sample Date:	2022-04-28
Sample Time:	09:36:00

PURGE DATA:

Time	Water Level (ft-BTOR):	Flow (mL/min)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTU)	Temp (Deg C)	ORP (mV)	Salinity (% or ppt)	Other
08:41:00	5.21	300	Clear	4.26	0.082	11.79	128	10.96	244	0	
08:46:00	5.87	200	Clear	4.57	0.046	8.59	40.2	11.63	231	0	
08:51:00	6.56	150	Clear	4.6	0.043	6.71	13.8	11.68	237	0	
09:01:00	6.62	150	Clear	4.7	0.038	3.9	10.1	12.05	257	0	
09:11:00	6.65	100	Clear	4.71	0.037	3.25	5.3	12.35	265	0	
09:16:00	6.7	100	Clear	4.71	0.037	3.19	4.8	12.57	277	0	
09:21:00	6.72	100	Clear	4.74	0.036	2.62	4.6	12.65	283	0	
09:26:00	6.74	100	Clear	4.74	0.036	2.54	4.5	12.84	286	0	
09:31:00	6.74	100	Clear	4.75	0.036	2.4	4.4	12.97	289	0	

GROUNDWATER SAMPLE LOGSHEET



Project No	112IC09076
Project Site:	Lockheed-MSA
Event:	MSA-GSP MNA LTM

Sampled ID:	GSP-MW-33-042722
QA/QC Duplicate ID:	NA
MS/MSD Collected:	NO

Sampled By:	WP
Sample Date:	2022-04-27
Sample Time:	14:53:00

WELL INFORMATION:

Well ID:	GSP-MW-33
Well Diameter (in):	2
Top Screen (ft-BTOR):	5
Bottom Screen (ft-BTOR):	15
Total Well Depth (ft-BTOR):	15

Purge Date:	2022-04-27
Static Water Level (ft-BTOR):	2.95
PID Monitor Reading:	0.0
Purge Method:	Low Flow
Sample Method:	Low Flow

EQUIPMENT INFORMATION:

Water Quality Instrument:	Horiba U 52
Turbidity Meter:	LaMotte 2020WE

Pump Controller:	Geotech Geopump Peristaltic Pump
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FINAL PURGE / SAMPLE DATA:

Time	Water Level (ft-BTOR):	Flow (mL/min)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTU)	Temp (Deg C)	ORP (mV)	Salinity (% or ppt)	Other
14:48:00	4.7	100	Clear	3.87	0.384	0	0.6	17.3	277	0.2	

ANALYSIS, PRESERVATION AND BOTTLE REQUIREMENTS:

Analysis	Method	Preservative	Number	Volume	Bottle Type	Collected
Total Metals - see list	6010C	HNO3	1	500	Plastic	yes
Dissolved Metals - see list	6010C	HNO3	1	500	Plastic - Field Filtered	yes
Total Metals - see list	6010C	HNO3	1	500	Plastic	yes
Dissolved Metals - see list	6010C	HNO3	1	500	Plastic - Field Filtered	yes

OBSERVATIONS/NOTES:

COORDINATES:

Latitude	Longitude
0.000000	0.000000

SIGNATURE:

Watt

GROUNDWATER SAMPLE LOGSHEET - PURGE DATA



Project No:	112IC09076
Project Site:	Lockheed-MSA
Event:	MSA-GSP MNA LTM

Sampled ID:	GSP-MW-33-042722
QA/QC Duplicate ID:	NA
MS/MSD Collected:	NO

Sampled By:	WP
Sample Date:	2022-04-27
Sample Time:	14:53:00

PURGE DATA:

Time	Water Level (ft-BTOR):	Flow (mL/min)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTU)	Temp (Deg C)	ORP (mV)	Salinity (% or ppt)	Other
14:03:00	2.95	300	Clear	5.92	0.432	2.35	10.6	16.68	167	0.2	
14:08:00	3.5	200	Clear	4.36	0.418	1.01	9.9	16.76	255	0.2	
14:13:00	4	200	Clear	4.04	0.4	0.56	9	17	270	0.2	
14:23:00	4.4	150	Clear	3.98	0.39	0	5.4	17.28	274	0.2	
14:33:00	4.57	150	Clear	3.95	0.387	0	0.6	17.53	275	0.2	
14:38:00	4.7	100	Clear	3.93	0.384	0	0.5	17.59	274	0.2	
14:43:00	4.7	100	Clear	3.91	0.383	0	0.5	17.44	276	0.2	
14:48:00	4.7	100	Clear	3.87	0.384	0	0.6	17.3	277	0.2	

GROUNDWATER SAMPLE LOGSHEET



Project No	112IC09076
Project Site:	Lockheed-MSA
Event:	MSA-GSP MNA LTM

Sampled ID:	GSP-MW-34-042922
QA/QC Duplicate ID:	NA
MS/MSD Collected:	NO

Sampled By:	WP
Sample Date:	2022-04-29
Sample Time:	13:49:00

WELL INFORMATION:

Well ID:	GSP-MW-34
Well Diameter (in):	2
Top Screen (ft-BTOR):	13
Bottom Screen (ft-BTOR):	23
Total Well Depth (ft-BTOR):	23

Purge Date:	2022-04-29
Static Water Level (ft-BTOR):	8.55
PID Monitor Reading:	0.0
Purge Method:	Low Flow
Sample Method:	Low Flow

EQUIPMENT INFORMATION:

Water Quality Instrument:	Horiba U 52
Turbidity Meter:	LaMotte 2020WE

Pump Controller:	Geotech Geopump Peristaltic Pump
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FINAL PURGE / SAMPLE DATA:

Time	Water Level (ft-BTOR):	Flow (mL/min)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTU)	Temp (Deg C)	ORP (mV)	Salinity (% or ppt)	Other
13:44:00	9.25	120	Clear	4.65	0.149	0	9.67	15.85	201	0.1	

ANALYSIS, PRESERVATION AND BOTTLE REQUIREMENTS:

Analysis	Method	Preservative	Number	Volume	Bottle Type	Collected
Total Metals - see list	6010C	HNO3	1	500	Plastic	yes
Dissolved Metals - see list	6010C	HNO3	1	500	Plastic - Field Filtered	yes
Total Metals - see list	6010C	HNO3	1	500	Plastic	yes
Dissolved Metals - see list	6010C	HNO3	1	500	Plastic - Field Filtered	yes

OBSERVATIONS/NOTES:

COORDINATES:

Latitude	Longitude
0.000000	0.000000

SIGNATURE:

Well-f

GROUNDWATER SAMPLE LOGSHEET - PURGE DATA



Project No:	112IC09076
Project Site:	Lockheed-MSA
Event:	MSA-GSP MNA LTM

Sampled ID:	GSP-MW-34-042922
QA/QC Duplicate ID:	NA
MS/MSD Collected:	NO

Sampled By:	WP
Sample Date:	2022-04-29
Sample Time:	13:49:00

PURGE DATA:

Time	Water Level (ft-BTOR):	Flow (mL/min)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTU)	Temp (Deg C)	ORP (mV)	Salinity (% or ppt)	Other
12:59:00	8.55	200	Clear	5.71	0.201	2.22	56.1	18.73	137	0.1	
13:04:00	9.1	120	Clear	5.06	0.174	0.33	43.5	17.74	171	0.1	
13:09:00	9.23	120	Clear	4.97	0.162	0	16.2	17.08	180	0.1	
13:19:00	9.25	120	Clear	4.86	0.153	0	14.5	16.36	191	0.1	
13:29:00	9.25	120	Clear	4.76	0.151	0	11.5	16.02	196	0.1	
13:34:00	9.25	120	Clear	4.71	0.15	0	9.8	15.91	198	0.1	
13:39:00	9.25	120	Clear	4.68	0.149	0	9.75	15.88	200	0.1	
13:44:00	9.25	120	Clear	4.65	0.149	0	9.67	15.85	201	0.1	

GROUNDWATER SAMPLE LOGSHEET



TETRA TECH

Project No.:	112IC09076
Project Site Name:	Lockheed - MSA
Event:	MSA-GSP MNA LTM

Sampled ID:	GSP-MW-37-042922	Sampled By:	WP
QA/QC Duplicate ID:	GSP-DUP02-042922	Sample Date:	04-29-22
MS/MSD Collected:	NO	Sample Time:	11:16

WELL INFORMATION:

Well ID :	GSP-MW-37	Purge Date:	04-29-22
Well Diameter (in):	2	Static Water Level (ft-BTOR):	6.05
Top of Screen (ft-BTOR):		PID Monitor Reading:	N/A
Bottom of Screen (ft-BTOR):		Purge Method:	Geopump II Peristaltic Pump
Total Well Depth (ft-BTOR):		Sample Method:	Low Flow - Direct Fill

EQUIPMENT INFORMATION:

Water Quality Instrument:	Horiba U-52	Pump Controller :	Geotech Geopump II Peristaltic Pump
Turbidity Meter:	LaMotte 2020e		

FINAL PURGE/SAMPLE DATA:

Time	Water Level (ft-BTOR)	Flow (mL/min)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTIU)	Temp. (Deg C)	ORP (mV)	Salinity (% or ppt)	Other
11:11	7.98	100	Clear	6.13	2.35	0.00	6.90	13.58	-17	1.2	

ANALYSIS, PRESERVATION AND BOTTLE REQUIREMENTS:

Analysis	Method	Preservative	Number	Volume	Bottle Type	Collected
TAL Metals	6010C	HNO3	1	500 mL	Poly	yes
Diss Metals	6010C	HNO3	1	500 mL	Poly	yes

OBSERVATION / NOTES:

COORDINATES:

Latitude	Longitude
0.00000	0.00000

SIGNATURE:

Walt P...

GROUNDWATER SAMPLE LOGSHEET - PURGE DATA



Tetra Tech, Inc.

Project No.:	112IC09076
Project Site Name:	Lockheed - MSA
Event:	MSA-GSP MNA LTM

Sampled ID:	GSP-MW-37-042922	Sampled By:	WP
QA/QC Duplicate ID:	GSP-DUP02-042922	Sample Date:	04-29-22
MS/MSD Collected:	NO	Sample Time:	11:16

PURGE DATA:

Time	Water Level (ft-BTOR)	Flow (mL/min)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTIU)	Temp. (Deg C)	ORP (mV)	Salinity (% or ppt)	Other
10:26	6.05	300	Clear	6.90	2.13	3.21	10.00	13.84	-28	1.1	
10:31	6.70	150	Clear	6.29	2.27	1.01	9.80	13.82	-15	1.2	
10:36	7.30	100	Clear	6.29	2.29	0.54	9.30	13.93	-19	1.2	
10:46	7.40	100	Clear	6.26	2.30	0.00	8.30	13.81	-23	1.2	
10:56	7.70	100	Clear	6.21	2.32	0.00	8.30	13.64	-22	1.2	
11:01	7.90	100	Clear	6.19	2.34	0.00	7.30	13.54	-20	1.2	
11:06	7.95	100	Clear	6.16	2.34	0.00	7.10	13.49	-19	1.2	
11:11	7.98	100	Clear	6.13	2.35	0.00	6.90	13.58	-17	1.2	

GROUNDWATER SAMPLE LOGSHEET



Project No	112IC09076
Project Site:	Lockheed-MSA
Event:	MSA-GSP MNA LTM

Sampled ID:	GSP-MW-39-042922
QA/QC Duplicate ID:	NA
MS/MSD Collected:	NO

Sampled By:	WP
Sample Date:	2022-04-29
Sample Time:	10:07:00

WELL INFORMATION:

Well ID:	GSP-MW-39
Well Diameter (in):	2
Top Screen (ft-BTOR):	5
Bottom Screen (ft-BTOR):	15
Total Well Depth (ft-BTOR):	15

Purge Date:	2022-04-29
Static Water Level (ft-BTOR):	5.69
PID Monitor Reading:	00
Purge Method:	Low Flow
Sample Method:	Low Flow

EQUIPMENT INFORMATION:

Water Quality Instrument:	Horiba U 52
Turbidity Meter:	LaMotte 2020WE

Pump Controller:	Geotech Geopump Peristaltic Pump
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FINAL PURGE / SAMPLE DATA:

Time	Water Level (ft-BTOR):	Flow (mL/min)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTU)	Temp (Deg C)	ORP (mV)	Salinity (% or ppt)	Other
10:02:00	9.2	100	Clear	6.93	0.755	0	2.8	13.73	-47	0.4	

ANALYSIS, PRESERVATION AND BOTTLE REQUIREMENTS:

Analysis	Method	Preservative	Number	Volume	Bottle Type	Collected
Total Metals - see list	6010C	HNO3	1	500	Plastic	yes
Dissolved Metals - see list	6010C	HNO3	1	500	Plastic - Field Filtered	yes
Total Metals - see list	6010C	HNO3	1	500	Plastic	yes
Dissolved Metals - see list	6010C	HNO3	1	500	Plastic - Field Filtered	yes

OBSERVATIONS/NOTES:

Well did not stabilize after 90 minutes of max purge sampling begins.

COORDINATES:

Latitude	Longitude
0.000000	0.000000

SIGNATURE:

Walt P...

GROUNDWATER SAMPLE LOGSHEET - PURGE DATA



Project No:	112IC09076
Project Site:	Lockheed-MSA
Event:	MSA-GSP MNA LTM

Sampled ID:	GSP-MW-39-042922
QA/QC Duplicate ID:	NA
MS/MSD Collected:	NO

Sampled By:	WP
Sample Date:	2022-04-29
Sample Time:	10:07:00

PURGE DATA:

Time	Water Level (ft-BTOR):	Flow (mL/min)	Color	pH (S.U.)	S.C. (mS/cm)	DO (mg/L)	Turbidity (NTU)	Temp (Deg C)	ORP (mV)	Salinity (% or ppt)	Other
08:32:00	5.69	200	Clear	6.54	0.716	5.39	3.3	15.19	28	0.3	
08:37:00	5.97	150	Clear	6.74	0.755	0.52	3.1	14.63	-42	0.4	
08:42:00	6.3	100	Clear	6.83	0.77	0.08	3.1	13.91	-52	0.4	
08:52:00	6.57	100	Clear	6.83	0.779	0	3	13.07	-50	0.4	
09:02:00	7.07	100	Clear	6.77	0.707	0	3.5	12.68	-30	0.3	
09:12:00	7.5	100	Clear	6.68	0.621	0.2	5.3	12.77	-15	0.3	
09:22:00	7.9	100	Clear	6.68	0.621	0.2	4.3	13.03	-19	0.3	
09:32:00	8.25	100	Clear	6.81	0.645	0	3.4	13.23	-31	0.3	
09:42:00	8.56	100	Clear	6.91	0.68	0	3.3	13.37	-40	0.3	
09:52:00	8.9	100	Clear	6.93	0.718	0	3.2	13.51	-44	0.3	
10:02:00	9.2	100	Clear	6.93	0.755	0	2.8	13.73	-47	0.4	

APPENDIX C—INVESTIGATION-DERIVED WASTE DOCUMENTATION

Site Address: 701 Wilson Point Road
Baltimore, MD 21220

SC PPW 4/1/2022

WORK ORDER NO. 2108968789

1153967

DOCUMENT NO.

STRAIGHT BILL OF LADING

TRANSPORTER 1 Clean Harbors Environmental Services, Inc. VEHICLE ID # 5260

EPA ID # MAD039322250 TRANS. 1 PHONE (781) 792-5000

TRANSPORTER 2 _____ VEHICLE ID # _____

EPA ID # _____ TRANS. 2 PHONE _____

DESIGNATED FACILITY Clean Harbors El Dorado LLC			SHIPPER Lockheed Martin ATTN: Josh Mullis		
FACILITY EPA ID # ARD069748192			SHIPPER EPA ID # MDR000518760		
ADDRESS 309 American Circle			ADDRESS 195 Chesapeake Park Plaza		
CITY El Dorado		STATE AR	ZIP 71730	CITY Baltimore	
				STATE MD	ZIP 21220
CONTAINERS NO. & SIZE	TYPE	HM	DESCRIPTION OF MATERIALS	TOTAL QUANTITY	UNIT WT/VOL
55 Gal	DM		A. NON-RCRA HAZARDOUS WASTE, LIQUIDS, (WATER)	250	⊗
			B.		
			C.		
			D.		
			E.		
			F.		
			G.		
			H.		
SPECIAL HANDLING INSTRUCTIONS A.CH2073678 EMERGENCY PHONE #: (800) 483-3718 GENERATOR: Lockheed Martin					

SHIPPERS CERTIFICATION: This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

SHIPPER	PRINT Josh Mullis	SIGN 	DATE 5/13/22
TRANSPORTER 1	PRINT Darren Hedley	SIGN 	DATE 5-13-22
TRANSPORTER 2	PRINT	SIGN	DATE
RECEIVED BY	PRINT Linda Gooden	SIGN 	DATE 5/30/22

Generator acknowledges that no material change has occurred either in the characteristics or in the process generating the material.



WASTE MATERIAL PROFILE SHEET

Clean Harbors Profile No. CH2073678

A. GENERAL INFORMATION

GENERATOR EPA ID #/REGISTRATION #

GENERATOR NAME: **Lockheed Martin - Martin State Airport**GENERATOR CODE (Assigned by Clean Harbors) **LO2553**CITY **Baltimore**STATE/PROVINCE **MD**ZIP/POSTAL CODE **21220**ADDRESS **701 Wilson Point Road**PHONE: **(410) 279-2700**CUSTOMER CODE (Assigned by Clean Harbors) **TE0740**CUSTOMER NAME: **Tetra Tech Inc**ADDRESS **20251 Century Boulevard Suite 200**CITY **Germantown**STATE/PROVINCE **MD**ZIP/POSTAL CODE **20874****B. WASTE DESCRIPTION**WASTE DESCRIPTION: **GSP MNA Water (Sample: WC-GSP-MNA-W-073120)**PROCESS GENERATING WASTE: **Well Installation**IS THIS WASTE CONTAINED IN SMALL PACKAGING CONTAINED WITHIN A LARGER SHIPPING CONTAINER? **No****C. PHYSICAL PROPERTIES (at 25C or 77F)**

PHYSICAL STATE SOLID WITHOUT FREE LIQUID POWDER MONOLITHIC SOLID <input checked="" type="checkbox"/> LIQUID WITH NO SOLIDS LIQUID/SOLID MIXTURE % FREE LIQUID % SETTLED SOLID % TOTAL SUSPENDED SOLID SLUDGE GAS/AEROSOL	NUMBER OF PHASES/LAYERS <input checked="" type="checkbox"/> 1 2 3 TOP 0.00 % BY VOLUME (Approx.) MIDDLE 0.00 BOTTOM 0.00			VISCOSITY (If liquid present) <input checked="" type="checkbox"/> 1 - 100 (e.g. Water) 101 - 500 (e.g. Motor Oil) 501 - 10,000 (e.g. Molasses) > 10,000	COLOR <u>Clear</u>
	ODOR <input checked="" type="checkbox"/> NONE MILD STRONG Describe:	BOILING POINT °F (°C) <= 95 (<=35) 95 - 100 (35-38) 101 - 129 (38-54) <input checked="" type="checkbox"/> >= 130 (>54)			
FLASH POINT °F (°C) < 73 (<23) 73 - 100 (23-38) 101 -140 (38-60) 141 -200 (60-93) <input checked="" type="checkbox"/> > 200 (>93)	pH <= 2 2.1 - 6.9 <input checked="" type="checkbox"/> 7 (Neutral) 7.1 - 12.4 >= 12.5	SPECIFIC GRAVITY < 0.8 (e.g. Gasoline) 0.8-1.0 (e.g. Ethanol) <input checked="" type="checkbox"/> 1.0 (e.g. Water) 1.0-1.2 (e.g. Antifreeze) > 1.2 (e.g. Methylene Chloride)	ASH < 0.1 > 20 0.1 - 1.0 <input checked="" type="checkbox"/> Unknown 1.1 - 5.0 5.1 - 20.0	BTU/LB (MJ/kg) <input checked="" type="checkbox"/> < 2,000 (<4.6) 2,000-5,000 (4.6-11.6) 5,000-10,000 (11.6-23.2) > 10,000 (>23.2) Actual:	

D. COMPOSITION (List the complete composition of the waste, include any inert components and/or debris. Ranges for individual components are acceptable. If a trade name is used, please supply an MSDS. Please do not use abbreviations.)

CHEMICAL	MIN	MAX	UOM
6:2 FLUOROTELOMER SULFONIC ACID	--	--	Trace
ACETONE	21.0000000	21.0000000	PPB
CHLOROFORM	2.8000000	2.8000000	PPB
PERFLUOROBUTANESULFONIC ACID	--	--	Trace
PERFLUROHEPTANOIC ACID	--	--	Trace
PERFLUROHEXANESULFONIC ACID	--	--	Trace
PERFLUROOCTANESULFONIC ACID	--	--	Trace
PERFLUROOCTANOIC ACID	--	--	Trace
WATER	99.0000000	100.0000000	%

DOES THIS WASTE CONTAIN ANY HEAVY GAUGE METAL DEBRIS OR OTHER LARGE OBJECTS (EX., METAL PLATE OR PIPING >1/4" THICK OR >12" LONG, METAL REINFORCED HOSE >12" LONG, METAL WIRE >12" LONG, METAL VALVES, PIPE FITTINGS, CONCRETE REINFORCING BAR OR PIECES OF CONCRETE >3")? YES NO

If yes, describe, including dimensions:

DOES THIS WASTE CONTAIN ANY METALS IN POWDERED OR OTHER FINELY DIVIDED FORM? YES NO

DOES THIS WASTE CONTAIN OR HAS IT CONTACTED ANY OF THE FOLLOWING; ANIMAL WASTES, HUMAN BLOOD, BLOOD PRODUCTS, BODY FLUIDS, MICROBIOLOGICAL WASTE, PATHOLOGICAL WASTE, HUMAN OR ANIMAL DERIVED SERUMS OR PROTEINS OR ANY OTHER POTENTIALLY INFECTIOUS MATERIAL? YES NO

I acknowledge that this waste material is neither infectious nor does it contain any organism known to be a threat to human health. This certification is based on my knowledge of the material. Select the answer below that applies:

The waste was never exposed to potentially infectious material. YES NO

Chemical disinfection or some other form of sterilization has been applied to the waste. YES NO

I ACKNOWLEDGE THAT THIS PROFILE MEETS THE CLEAN HARBORS BATTERY PACKAGING REQUIREMENTS. YES NO

I ACKNOWLEDGE THAT MY FRIABLE ASBESTOS WASTE IS DOUBLE BAGGED AND WETTED. YES NO

SPECIFY THE SOURCE CODE ASSOCIATED WITH THE WASTE. **G44**

SPECIFY THE FORM CODE ASSOCIATED WITH THE WASTE. **W113**

E. CONSTITUENTS

Are these values based on testing or knowledge? Knowledge Testing

If constituent concentrations are based on analytical testing, analysis must be provided. Please attach document(s) using the link on the Submit tab.

Please indicate which constituents below apply. Concentrations must be entered when applicable to assist in accurate review and expedited approval of your waste profile. Please note that the total regulated metals and other constituents sections require answers.

RCRA	REGULATED METALS	REGULATORY LEVEL (mg/l)	TCLP mg/l	TOTAL	UOM	NOT APPLICABLE
D004	ARSENIC	5.0				<input checked="" type="checkbox"/>
D005	BARIUM	100.0				<input checked="" type="checkbox"/>
D006	CADMIUM	1.0				<input checked="" type="checkbox"/>
D007	CHROMIUM	5.0				<input checked="" type="checkbox"/>
D008	LEAD	5.0				<input checked="" type="checkbox"/>
D009	MERCURY	0.2				<input checked="" type="checkbox"/>
D010	SELENIUM	1.0				<input checked="" type="checkbox"/>
D011	SILVER	5.0				<input checked="" type="checkbox"/>
VOLATILE COMPOUNDS				OTHER CONSTITUENTS		
D018	BENZENE	0.5			MAX	UOM
D019	CARBON TETRACHLORIDE	0.5		BROMINE		<input checked="" type="checkbox"/>
D021	CHLOROBENZENE	100.0		CHLORINE		<input checked="" type="checkbox"/>
D022	CHLOROFORM	6.0		FLUORINE		<input checked="" type="checkbox"/>
D028	1,2-DICHLOROETHANE	0.5		IODINE		<input checked="" type="checkbox"/>
D029	1,1-DICHLOROETHYLENE	0.7		SULFUR		<input checked="" type="checkbox"/>
D035	METHYL ETHYL KETONE	200.0		POTASSIUM		<input checked="" type="checkbox"/>
D039	TETRACHLOROETHYLENE	0.7		SODIUM		<input checked="" type="checkbox"/>
D040	TRICHLOROETHYLENE	0.5		AMMONIA		<input checked="" type="checkbox"/>
D043	VINYL CHLORIDE	0.2		CYANIDE AMENABLE		<input checked="" type="checkbox"/>
SEMI-VOLATILE COMPOUNDS				CYANIDE REACTIVE <input checked="" type="checkbox"/>		
D023	o-CRESOL	200.0		CYANIDE TOTAL		<input checked="" type="checkbox"/>
D024	m-CRESOL	200.0		SULFIDE REACTIVE		<input checked="" type="checkbox"/>
D025	p-CRESOL	200.0				
D026	CRESOL (TOTAL)	200.0				
D027	1,4-DICHLOROBENZENE	7.5				
D030	2,4-DINITROTOLUENE	0.13				
D032	HEXACHLOROBENZENE	0.13				
D033	HEXACHLOROBUTADIENE	0.5				
D034	HEXACHLOROETHANE	3.0				
D036	NITROBENZENE	2.0				
D037	PENTACHLOROPHENOL	100.0				
D038	PYRIDINE	5.0				
D041	2,4,5-TRICHLOROPHENOL	400.0				
D042	2,4,6-TRICHLOROPHENOL	2.0				
PESTICIDES AND HERBICIDES				HOCs		
D012	ENDRIN	0.02		<input checked="" type="checkbox"/> NONE	PCBs	
D013	LINDANE	0.4		< 1000 PPM	<input checked="" type="checkbox"/> NONE	
D014	METHOXYCHLOR	10.0		>= 1000 PPM	< 50 PPM	
D015	TOXAPHENE	0.5			>=50 PPM	
D016	2,4-D	10.0			IF PCBs ARE PRESENT, IS THE WASTE REGULATED BY TSCA 40 CFR 761?	
D017	2,4,5-TP (SILVEX)	1.0			YES	<input checked="" type="checkbox"/> NO
D020	CHLORDANE	0.03				
D031	HEPTACHLOR (AND ITS EPOXIDE)	0.008				

ADDITIONAL HAZARDS

DOES THIS WASTE HAVE ANY UNDISCLOSED HAZARDS OR PRIOR INCIDENTS ASSOCIATED WITH IT, WHICH COULD AFFECT THE WAY IT SHOULD BE HANDLED?

YES NO (If yes, explain)

CHOOSE ALL THAT APPLY

- DEA REGULATED SUBSTANCES
- EXPLOSIVE
- FUMING
- OSHA REGULATED CARCINOGENS
- POLYMERIZABLE
- RADIOACTIVE
- REACTIVE MATERIAL
- NONE OF THE ABOVE

F. REGULATORY STATUS

YES NO USEPA HAZARDOUS WASTE?

YES NO DO ANY STATE WASTE CODES APPLY?

YES NO DO ANY CANADIAN PROVINCIAL WASTE CODES APPLY?

YES NO IS THIS WASTE PROHIBITED FROM LAND DISPOSAL WITHOUT FURTHER TREATMENT PER 40 CFR PART 268?
 LDR CATEGORY: **Not subject to LDR**
 VARIANCE INFO:

YES NO IS THIS A UNIVERSAL WASTE?

YES NO IS THE GENERATOR OF THE WASTE CLASSIFIED AS A VERY SMALL QUANTITY GENERATOR (VSQG) OR A STATE EQUIVALENT DESIGNATION?

YES NO IS THIS MATERIAL GOING TO BE MANAGED AS A RCRA EXEMPT COMMERCIAL PRODUCT, WHICH IS FUEL (40 CFR 261.2 (C)(2)(II))?

YES NO DOES TREATMENT OF THIS WASTE GENERATE A F006 OR F019 SLUDGE?

YES NO IS THIS WASTE STREAM SUBJECT TO THE INORGANIC METAL BEARING WASTE PROHIBITION FOUND AT 40 CFR 268.3(C)?

YES NO DOES THIS WASTE CONTAIN VOC'S IN CONCENTRATIONS >=500 PPM?

YES NO DOES THE WASTE CONTAIN GREATER THAN 20% OF ORGANIC CONSTITUENTS WITH A VAPOR PRESSURE >= .3KPA (.044 PSIA)?

YES NO DOES THIS WASTE CONTAIN AN ORGANIC CONSTITUENT WHICH IN ITS PURE FORM HAS A VAPOR PRESSURE > 76.6 KPA (11.1 PSIA)?

YES NO IS THIS CERCLA REGULATED (SUPERFUND) WASTE ?

YES NO IS THE WASTE SUBJECT TO ONE OF THE FOLLOWING NESHAP RULES?
 Hazardous Organic NESHAP (HON) rule (subpart G) Pharmaceuticals production (subpart GGG)

YES NO IF THIS IS A US EPA HAZARDOUS WASTE, DOES THIS WASTE STREAM CONTAIN BENZENE?
 YES NO Does the waste stream come from a facility with one of the SIC codes listed under benzene NESHAP or is this waste regulated under the benzene NESHAP rules because the original source of the waste is from a chemical manufacturing, coke by-product recovery, or petroleum refinery process?
 YES NO Is the generating source of this waste stream a facility with Total Annual Benzene (TAB) >10 Mg/year?
 What is the TAB quantity for your facility? Megagram/year (1 Mg = 2,200 lbs)
 The basis for this determination is: Knowledge of the Waste Or Test Data Knowledge Testing
 Describe the knowledge :

G. DOT/TDG INFORMATION

DOT/TDG PROPER SHIPPING NAME:

NON D. O. T. REGULATED

H. TRANSPORTATION REQUIREMENTS

ESTIMATED SHIPMENT FREQUENCY ONE TIME WEEKLY MONTHLY QUARTERLY YEARLY OTHER

<input checked="" type="checkbox"/> CONTAINERIZED 10-15 CONTAINERS/SHIPMENT STORAGE CAPACITY: 100 CONTAINER TYPE: PORTABLE TOTE TANK BOX CARTON CASE CUBIC YARD BOX <input checked="" type="checkbox"/> DRUM OTHER: DRUM SIZE: 55		BULK LIQUID GALLONS/SHIPMENT: 0 Min - 0 Max GAL.		BULK SOLID SHIPMENT UOM: TON YARD TONS/YARDS/SHIPMENT: 0 Min - 0 Max	
---	--	---	--	--	--

I. SPECIAL REQUEST

COMMENTS OR REQUESTS:

GENERATOR'S CERTIFICATION

I certify that I am authorized to execute this document as an authorized agent. I hereby certify that all information submitted in this and attached documents is correct to the best of my knowledge. I also certify that any samples submitted are representative of the actual waste. If Clean Harbors discovers a discrepancy during the approval process, Generator grants Clean Harbors the authority to amend the profile, as Clean Harbors deems necessary, to reflect the discrepancy.

AUTHORIZED SIGNATURE
Charles Trione

NAME (PRINT)
Charles Trione

TITLE
Project Lead

DATE
9/16/20

ANALYTICAL REPORT

Job Number: 240-134314-1

SDG Number: Waste Char

Job Description: GSP MNA Groundwater 2020

For:

Tetra Tech, Inc.

20251 Century Blvd

Suite 200

Germantown, MD 20874

Attention: Amy McGivney



Approved for release.
Roxanne Cisneros
Senior Project Manager
8/17/2020 3:22 PM

Roxanne Cisneros, Senior Project Manager
4101 Shuffel Street NW, North Canton, OH, 44720
(615)301-5761
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08/17/2020

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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.

Eurofins TestAmerica, Canton

4101 Shuffel Street NW, North Canton, OH 44720

Tel (330) 497-9396 Fax (330) 497-0772 www.testamericainc.com

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Definitions/Glossary

Client: Tetra Tech, Inc.
Project/Site: GSP MNA Groundwater 2020

Job ID: 240-134314-1
SDG: Waste Char

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

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

Detection Summary

Client: Tetra Tech, Inc.
Project/Site: GSP MNA Groundwater 2020

Job ID: 240-134314-1
SDG: Waste Char

Client Sample ID: TB-073120

Lab Sample ID: 240-134314-1

No Detections.

Client Sample ID: WC-GSPMNA-W-073120

Lab Sample ID: 240-134314-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	21		10	5.4	ug/L	1		8260B	Total/NA
Carbon disulfide	0.81	J	1.0	0.28	ug/L	1		8260B	Total/NA
Chloroform	2.8		1.0	0.40	ug/L	1		8260B	Total/NA
Barium	0.023	J B	0.50	0.0013	mg/L	1		6010C	TCLP
Cadmium	0.00041	J B	0.050	0.00020	mg/L	1		6010C	TCLP
Chromium	0.11	B	0.050	0.00063	mg/L	1		6010C	TCLP
Flashpoint	>200		1.00	1.00	Degrees F	1		1010	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Tetra Tech, Inc.
 Project/Site: GSP MNA Groundwater 2020

Job ID: 240-134314-1
 SDG: Waste Char

Client Sample ID: TB-073120

Lab Sample ID: 240-134314-1

Date Collected: 07/31/20 00:00

Matrix: Water

Date Received: 08/01/20 09:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	5.4	U	10	5.4	ug/L			08/12/20 22:27	1
Benzene	0.38	U	1.0	0.38	ug/L			08/12/20 22:27	1
Bromobenzene	0.38	U	1.0	0.38	ug/L			08/12/20 22:27	1
Bromochloromethane	0.52	U	1.0	0.52	ug/L			08/12/20 22:27	1
Bromodichloromethane	0.35	U	1.0	0.35	ug/L			08/12/20 22:27	1
Bromoform	0.76	U	1.0	0.76	ug/L			08/12/20 22:27	1
Bromomethane	0.42	U	1.0	0.42	ug/L			08/12/20 22:27	1
2-Butanone (MEK)	2.4	U	10	2.4	ug/L			08/12/20 22:27	1
Carbon disulfide	0.28	U	1.0	0.28	ug/L			08/12/20 22:27	1
Carbon tetrachloride	0.26	U	1.0	0.26	ug/L			08/12/20 22:27	1
Chlorobenzene	0.32	U	1.0	0.32	ug/L			08/12/20 22:27	1
Chloroethane	0.83	U	1.0	0.83	ug/L			08/12/20 22:27	1
2-Chloroethyl vinyl ether	1.1	U	10	1.1	ug/L			08/12/20 22:27	1
Chloroform	0.40	U	1.0	0.40	ug/L			08/12/20 22:27	1
Chloromethane	0.64	U	1.0	0.64	ug/L			08/12/20 22:27	1
2-Chlorotoluene	0.42	U	1.0	0.42	ug/L			08/12/20 22:27	1
4-Chlorotoluene	0.44	U	1.0	0.44	ug/L			08/12/20 22:27	1
cis-1,2-Dichloroethene	0.38	U	1.0	0.38	ug/L			08/12/20 22:27	1
cis-1,3-Dichloropropene	0.61	U	1.0	0.61	ug/L			08/12/20 22:27	1
Dibromochloromethane	0.39	U	1.0	0.39	ug/L			08/12/20 22:27	1
1,2-Dibromo-3-Chloropropane	0.91	U	2.0	0.91	ug/L			08/12/20 22:27	1
1,2-Dibromoethane	0.37	U	1.0	0.37	ug/L			08/12/20 22:27	1
Dibromomethane	0.33	U	1.0	0.33	ug/L			08/12/20 22:27	1
1,2-Dichlorobenzene	0.43	U	1.0	0.43	ug/L			08/12/20 22:27	1
1,3-Dichlorobenzene	0.40	U	1.0	0.40	ug/L			08/12/20 22:27	1
1,4-Dichlorobenzene	0.37	U	1.0	0.37	ug/L			08/12/20 22:27	1
Dichlorodifluoromethane	0.35	U	1.0	0.35	ug/L			08/12/20 22:27	1
1,1-Dichloroethane	0.41	U	1.0	0.41	ug/L			08/12/20 22:27	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			08/12/20 22:27	1
1,1-Dichloroethene	0.46	U	1.0	0.46	ug/L			08/12/20 22:27	1
1,2-Dichloropropane	0.37	U	1.0	0.37	ug/L			08/12/20 22:27	1
1,3-Dichloropropane	0.21	U	1.0	0.21	ug/L			08/12/20 22:27	1
2,2-Dichloropropane	0.95	U	1.0	0.95	ug/L			08/12/20 22:27	1
1,1-Dichloropropene	0.37	U	1.0	0.37	ug/L			08/12/20 22:27	1
Diisopropyl ether	0.36	U	10	0.36	ug/L			08/12/20 22:27	1
Ethylbenzene	0.39	U	1.0	0.39	ug/L			08/12/20 22:27	1
Ethyl tert-Butyl Ether (ETBE)	0.43	U	5.0	0.43	ug/L			08/12/20 22:27	1
Hexachlorobutadiene	0.83	U	1.0	0.83	ug/L			08/12/20 22:27	1
2-Hexanone	2.1	U	10	2.1	ug/L			08/12/20 22:27	1
Isopropylbenzene	0.45	U	1.0	0.45	ug/L			08/12/20 22:27	1
Methylene Chloride	1.3	U	5.0	1.3	ug/L			08/12/20 22:27	1
4-Methyl-2-pentanone (MIBK)	2.1	U	10	2.1	ug/L			08/12/20 22:27	1
Methyl-tert-butyl Ether (MTBE)	0.44	U	1.0	0.44	ug/L			08/12/20 22:27	1
m-Xylene & p-Xylene	0.40	U	2.0	0.40	ug/L			08/12/20 22:27	1
Naphthalene	0.82	U	1.0	0.82	ug/L			08/12/20 22:27	1
n-Butylbenzene	0.59	U	1.0	0.59	ug/L			08/12/20 22:27	1
N-Propylbenzene	0.46	U	1.0	0.46	ug/L			08/12/20 22:27	1
o-Xylene	0.43	U	1.0	0.43	ug/L			08/12/20 22:27	1
p-Isopropyltoluene	0.49	U	1.0	0.49	ug/L			08/12/20 22:27	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: GSP MNA Groundwater 2020

Job ID: 240-134314-1
SDG: Waste Char

Client Sample ID: TB-073120

Lab Sample ID: 240-134314-1

Date Collected: 07/31/20 00:00

Matrix: Water

Date Received: 08/01/20 09:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/12/20 22:27	1
Styrene	0.40	U	1.0	0.40	ug/L			08/12/20 22:27	1
Tert-amyl methyl ether	0.39	U	5.0	0.39	ug/L			08/12/20 22:27	1
tert-Butyl alcohol (TBA)	1.7	U	40	1.7	ug/L			08/12/20 22:27	1
tert-Butylbenzene	0.51	U	1.0	0.51	ug/L			08/12/20 22:27	1
1,1,1,2-Tetrachloroethane	0.41	U	1.0	0.41	ug/L			08/12/20 22:27	1
1,1,2,2-Tetrachloroethane	0.56	U	1.0	0.56	ug/L			08/12/20 22:27	1
Tetrachloroethene	0.33	U	1.0	0.33	ug/L			08/12/20 22:27	1
Toluene	0.35	U	1.0	0.35	ug/L			08/12/20 22:27	1
trans-1,2-Dichloroethene	0.43	U	1.0	0.43	ug/L			08/12/20 22:27	1
trans-1,3-Dichloropropene	0.67	U	1.0	0.67	ug/L			08/12/20 22:27	1
1,2,3-Trichlorobenzene	0.54	U	1.0	0.54	ug/L			08/12/20 22:27	1
1,2,4-Trichlorobenzene	0.81	U	1.0	0.81	ug/L			08/12/20 22:27	1
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			08/12/20 22:27	1
Trichloroethene	0.36	U	1.0	0.36	ug/L			08/12/20 22:27	1
Trichlorofluoromethane	0.45	U	1.0	0.45	ug/L			08/12/20 22:27	1
1,2,3-Trichloropropane	0.51	U	1.0	0.51	ug/L			08/12/20 22:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.41	U	1.0	0.41	ug/L			08/12/20 22:27	1
1,2,3-Trimethylbenzene	0.36	U	5.0	0.36	ug/L			08/12/20 22:27	1
1,2,4-Trimethylbenzene	0.45	U	1.0	0.45	ug/L			08/12/20 22:27	1
Vinyl acetate	0.78	U	2.0	0.78	ug/L			08/12/20 22:27	1
Vinyl chloride	0.50	U	1.0	0.50	ug/L			08/12/20 22:27	1
Xylenes, Total	0.42	U	2.0	0.42	ug/L			08/12/20 22:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		47 - 134		08/12/20 22:27	1
Dibromofluoromethane (Surr)	87		78 - 129		08/12/20 22:27	1
1,2-Dichloroethane-d4 (Surr)	88		75 - 130		08/12/20 22:27	1
Toluene-d8 (Surr)	93		69 - 122		08/12/20 22:27	1

Client Sample ID: WC-GSPMNA-W-073120

Lab Sample ID: 240-134314-2

Date Collected: 07/31/20 08:00

Matrix: Water

Date Received: 08/01/20 09:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	21		10	5.4	ug/L			08/13/20 17:16	1
Benzene	0.38	U	1.0	0.38	ug/L			08/13/20 17:16	1
Bromobenzene	0.38	U	1.0	0.38	ug/L			08/13/20 17:16	1
Bromochloromethane	0.52	U	1.0	0.52	ug/L			08/13/20 17:16	1
Bromodichloromethane	0.35	U	1.0	0.35	ug/L			08/13/20 17:16	1
Bromoform	0.76	U	1.0	0.76	ug/L			08/13/20 17:16	1
Bromomethane	0.42	U	1.0	0.42	ug/L			08/13/20 17:16	1
2-Butanone (MEK)	2.4	U	10	2.4	ug/L			08/13/20 17:16	1
Carbon disulfide	0.81	J	1.0	0.28	ug/L			08/13/20 17:16	1
Carbon tetrachloride	0.26	U	1.0	0.26	ug/L			08/13/20 17:16	1
Chlorobenzene	0.32	U	1.0	0.32	ug/L			08/13/20 17:16	1
Chloroethane	0.83	U	1.0	0.83	ug/L			08/13/20 17:16	1
2-Chloroethyl vinyl ether	1.1	U	10	1.1	ug/L			08/13/20 17:16	1
Chloroform	2.8		1.0	0.40	ug/L			08/13/20 17:16	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: GSP MNA Groundwater 2020

Job ID: 240-134314-1
SDG: Waste Char

Client Sample ID: WC-GSPMNA-W-073120

Lab Sample ID: 240-134314-2

Date Collected: 07/31/20 08:00

Matrix: Water

Date Received: 08/01/20 09:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	0.64	U	1.0	0.64	ug/L			08/13/20 17:16	1
2-Chlorotoluene	0.42	U	1.0	0.42	ug/L			08/13/20 17:16	1
4-Chlorotoluene	0.44	U	1.0	0.44	ug/L			08/13/20 17:16	1
cis-1,2-Dichloroethene	0.38	U	1.0	0.38	ug/L			08/13/20 17:16	1
cis-1,3-Dichloropropene	0.61	U	1.0	0.61	ug/L			08/13/20 17:16	1
Dibromochloromethane	0.39	U	1.0	0.39	ug/L			08/13/20 17:16	1
1,2-Dibromo-3-Chloropropane	0.91	U	2.0	0.91	ug/L			08/13/20 17:16	1
1,2-Dibromoethane	0.37	U	1.0	0.37	ug/L			08/13/20 17:16	1
Dibromomethane	0.33	U	1.0	0.33	ug/L			08/13/20 17:16	1
1,2-Dichlorobenzene	0.43	U	1.0	0.43	ug/L			08/13/20 17:16	1
1,3-Dichlorobenzene	0.40	U	1.0	0.40	ug/L			08/13/20 17:16	1
1,4-Dichlorobenzene	0.37	U	1.0	0.37	ug/L			08/13/20 17:16	1
Dichlorodifluoromethane	0.35	U	1.0	0.35	ug/L			08/13/20 17:16	1
1,1-Dichloroethane	0.41	U	1.0	0.41	ug/L			08/13/20 17:16	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			08/13/20 17:16	1
1,1-Dichloroethene	0.46	U	1.0	0.46	ug/L			08/13/20 17:16	1
1,2-Dichloropropane	0.37	U	1.0	0.37	ug/L			08/13/20 17:16	1
1,3-Dichloropropane	0.21	U	1.0	0.21	ug/L			08/13/20 17:16	1
2,2-Dichloropropane	0.95	U	1.0	0.95	ug/L			08/13/20 17:16	1
1,1-Dichloropropene	0.37	U	1.0	0.37	ug/L			08/13/20 17:16	1
Diisopropyl ether	0.36	U	10	0.36	ug/L			08/13/20 17:16	1
Ethylbenzene	0.39	U	1.0	0.39	ug/L			08/13/20 17:16	1
Ethyl tert-Butyl Ether (ETBE)	0.43	U	5.0	0.43	ug/L			08/13/20 17:16	1
Hexachlorobutadiene	0.83	U	1.0	0.83	ug/L			08/13/20 17:16	1
2-Hexanone	2.1	U	10	2.1	ug/L			08/13/20 17:16	1
Isopropylbenzene	0.45	U	1.0	0.45	ug/L			08/13/20 17:16	1
Methylene Chloride	1.3	U	5.0	1.3	ug/L			08/13/20 17:16	1
4-Methyl-2-pentanone (MIBK)	2.1	U	10	2.1	ug/L			08/13/20 17:16	1
Methyl-tert-butyl Ether (MTBE)	0.44	U	1.0	0.44	ug/L			08/13/20 17:16	1
m-Xylene & p-Xylene	0.40	U	2.0	0.40	ug/L			08/13/20 17:16	1
Naphthalene	0.82	U	1.0	0.82	ug/L			08/13/20 17:16	1
n-Butylbenzene	0.59	U	1.0	0.59	ug/L			08/13/20 17:16	1
N-Propylbenzene	0.46	U	1.0	0.46	ug/L			08/13/20 17:16	1
o-Xylene	0.43	U	1.0	0.43	ug/L			08/13/20 17:16	1
p-Isopropyltoluene	0.49	U	1.0	0.49	ug/L			08/13/20 17:16	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/13/20 17:16	1
Styrene	0.40	U	1.0	0.40	ug/L			08/13/20 17:16	1
Tert-amyl methyl ether	0.39	U	5.0	0.39	ug/L			08/13/20 17:16	1
tert-Butyl alcohol (TBA)	1.7	U	40	1.7	ug/L			08/13/20 17:16	1
tert-Butylbenzene	0.51	U	1.0	0.51	ug/L			08/13/20 17:16	1
1,1,1,2-Tetrachloroethane	0.41	U	1.0	0.41	ug/L			08/13/20 17:16	1
1,1,2,2-Tetrachloroethane	0.56	U	1.0	0.56	ug/L			08/13/20 17:16	1
Tetrachloroethene	0.33	U	1.0	0.33	ug/L			08/13/20 17:16	1
Toluene	0.35	U	1.0	0.35	ug/L			08/13/20 17:16	1
trans-1,2-Dichloroethene	0.43	U	1.0	0.43	ug/L			08/13/20 17:16	1
trans-1,3-Dichloropropene	0.67	U	1.0	0.67	ug/L			08/13/20 17:16	1
1,2,3-Trichlorobenzene	0.54	U	1.0	0.54	ug/L			08/13/20 17:16	1
1,2,4-Trichlorobenzene	0.81	U	1.0	0.81	ug/L			08/13/20 17:16	1
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			08/13/20 17:16	1

Client Sample Results

Client: Tetra Tech, Inc.
Project/Site: GSP MNA Groundwater 2020

Job ID: 240-134314-1
SDG: Waste Char

Client Sample ID: WC-GSPMNA-W-073120

Lab Sample ID: 240-134314-2

Date Collected: 07/31/20 08:00

Matrix: Water

Date Received: 08/01/20 09:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	0.36	U	1.0	0.36	ug/L			08/13/20 17:16	1
Trichlorofluoromethane	0.45	U	1.0	0.45	ug/L			08/13/20 17:16	1
1,2,3-Trichloropropane	0.51	U	1.0	0.51	ug/L			08/13/20 17:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.41	U	1.0	0.41	ug/L			08/13/20 17:16	1
1,2,3-Trimethylbenzene	0.36	U	5.0	0.36	ug/L			08/13/20 17:16	1
1,2,4-Trimethylbenzene	0.45	U	1.0	0.45	ug/L			08/13/20 17:16	1
Vinyl acetate	0.78	U	2.0	0.78	ug/L			08/13/20 17:16	1
Vinyl chloride	0.50	U	1.0	0.50	ug/L			08/13/20 17:16	1
Xylenes, Total	0.42	U	2.0	0.42	ug/L			08/13/20 17:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		47 - 134		08/13/20 17:16	1
Dibromofluoromethane (Surr)	89		78 - 129		08/13/20 17:16	1
1,2-Dichloroethane-d4 (Surr)	88		75 - 130		08/13/20 17:16	1
Toluene-d8 (Surr)	90		69 - 122		08/13/20 17:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	0.054	U	0.096	0.054	ug/L		08/05/20 09:46	08/07/20 09:30	1
Aroclor-1221	0.055	U	0.096	0.055	ug/L		08/05/20 09:46	08/07/20 09:30	1
Aroclor-1232	0.071	U	0.096	0.071	ug/L		08/05/20 09:46	08/07/20 09:30	1
Aroclor-1242	0.073	U	0.096	0.073	ug/L		08/05/20 09:46	08/07/20 09:30	1
Aroclor-1248	0.048	U	0.096	0.048	ug/L		08/05/20 09:46	08/07/20 09:30	1
Aroclor-1254	0.038	U	0.096	0.038	ug/L		08/05/20 09:46	08/07/20 09:30	1
Aroclor-1260	0.044	U	0.096	0.044	ug/L		08/05/20 09:46	08/07/20 09:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	64		22 - 120	08/05/20 09:46	08/07/20 09:30	1
DCB Decachlorobiphenyl	53		10 - 120	08/05/20 09:46	08/07/20 09:30	1

Method: 6010C - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0041	U	0.050	0.0041	mg/L		08/04/20 14:00	08/05/20 12:30	1
Barium	0.023	J B	0.50	0.0013	mg/L		08/04/20 14:00	08/05/20 12:30	1
Cadmium	0.00041	J B	0.050	0.00020	mg/L		08/04/20 14:00	08/05/20 12:30	1
Chromium	0.11	B	0.050	0.00063	mg/L		08/04/20 14:00	08/05/20 12:30	1
Lead	0.0028	U	0.050	0.0028	mg/L		08/04/20 14:00	08/05/20 12:30	1
Selenium	0.0060	U	0.050	0.0060	mg/L		08/04/20 14:00	08/05/20 12:30	1
Silver	0.00062	U	0.050	0.00062	mg/L		08/04/20 14:00	08/05/20 12:30	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00013	U	0.0020	0.00013	mg/L		08/04/20 14:00	08/05/20 12:41	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>200		1.00	1.00	Degrees F			08/12/20 11:18	1

Default Detection Limits

Client: Tetra Tech, Inc.
Project/Site: GSP MNA Groundwater 2020

Job ID: 240-134314-1
SDG: Waste Char

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

Analyte	RL	MDL	Units
1,1,1,2-Tetrachloroethane	1.0	0.41	ug/L
1,1,1-Trichloroethane	1.0	0.24	ug/L
1,1,2,2-Tetrachloroethane	1.0	0.56	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	0.41	ug/L
1,1-Dichloroethane	1.0	0.41	ug/L
1,1-Dichloroethene	1.0	0.46	ug/L
1,1-Dichloropropene	1.0	0.37	ug/L
1,2,3-Trichlorobenzene	1.0	0.54	ug/L
1,2,3-Trichloropropane	1.0	0.51	ug/L
1,2,3-Trimethylbenzene	5.0	0.36	ug/L
1,2,4-Trichlorobenzene	1.0	0.81	ug/L
1,2,4-Trimethylbenzene	1.0	0.45	ug/L
1,2-Dibromo-3-Chloropropane	2.0	0.91	ug/L
1,2-Dibromoethane	1.0	0.37	ug/L
1,2-Dichlorobenzene	1.0	0.43	ug/L
1,2-Dichloroethane	1.0	0.43	ug/L
1,2-Dichloropropane	1.0	0.37	ug/L
1,3-Dichlorobenzene	1.0	0.40	ug/L
1,3-Dichloropropane	1.0	0.21	ug/L
1,4-Dichlorobenzene	1.0	0.37	ug/L
2,2-Dichloropropane	1.0	0.95	ug/L
2-Butanone (MEK)	10	2.4	ug/L
2-Chloroethyl vinyl ether	10	1.1	ug/L
2-Chlorotoluene	1.0	0.42	ug/L
2-Hexanone	10	2.1	ug/L
4-Chlorotoluene	1.0	0.44	ug/L
4-Methyl-2-pentanone (MIBK)	10	2.1	ug/L
Acetone	10	5.4	ug/L
Benzene	1.0	0.38	ug/L
Bromobenzene	1.0	0.38	ug/L
Bromochloromethane	1.0	0.52	ug/L
Bromodichloromethane	1.0	0.35	ug/L
Bromoform	1.0	0.76	ug/L
Bromomethane	1.0	0.42	ug/L
Carbon disulfide	1.0	0.28	ug/L
Carbon tetrachloride	1.0	0.26	ug/L
Chlorobenzene	1.0	0.32	ug/L
Chloroethane	1.0	0.83	ug/L
Chloroform	1.0	0.40	ug/L
Chloromethane	1.0	0.64	ug/L
cis-1,2-Dichloroethene	1.0	0.38	ug/L
cis-1,3-Dichloropropene	1.0	0.61	ug/L
Dibromochloromethane	1.0	0.39	ug/L
Dibromomethane	1.0	0.33	ug/L
Dichlorodifluoromethane	1.0	0.35	ug/L
Diisopropyl ether	10	0.36	ug/L
Ethyl tert-Butyl Ether (ETBE)	5.0	0.43	ug/L
Ethylbenzene	1.0	0.39	ug/L
Hexachlorobutadiene	1.0	0.83	ug/L
Isopropylbenzene	1.0	0.45	ug/L
Methylene Chloride	5.0	1.3	ug/L
Methyl-tert-butyl Ether (MTBE)	1.0	0.44	ug/L
m-Xylene & p-Xylene	2.0	0.40	ug/L

Default Detection Limits

Client: Tetra Tech, Inc.
Project/Site: GSP MNA Groundwater 2020

Job ID: 240-134314-1
SDG: Waste Char

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

Analyte	RL	MDL	Units
Naphthalene	1.0	0.82	ug/L
n-Butylbenzene	1.0	0.59	ug/L
N-Propylbenzene	1.0	0.46	ug/L
o-Xylene	1.0	0.43	ug/L
p-Isopropyltoluene	1.0	0.49	ug/L
sec-Butylbenzene	1.0	0.63	ug/L
Styrene	1.0	0.40	ug/L
Tert-amyl methyl ether	5.0	0.39	ug/L
tert-Butyl alcohol (TBA)	40	1.7	ug/L
tert-Butylbenzene	1.0	0.51	ug/L
Tetrachloroethene	1.0	0.33	ug/L
Toluene	1.0	0.35	ug/L
trans-1,2-Dichloroethene	1.0	0.43	ug/L
trans-1,3-Dichloropropene	1.0	0.67	ug/L
Trichloroethene	1.0	0.36	ug/L
Trichlorofluoromethane	1.0	0.45	ug/L
Vinyl acetate	2.0	0.78	ug/L
Vinyl chloride	1.0	0.50	ug/L
Xylenes, Total	2.0	0.42	ug/L

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

Prep: 3510C

Analyte	RL	MDL	Units
Aroclor-1016	0.10	0.056	ug/L
Aroclor-1221	0.10	0.057	ug/L
Aroclor-1232	0.10	0.074	ug/L
Aroclor-1242	0.10	0.076	ug/L
Aroclor-1248	0.10	0.050	ug/L
Aroclor-1254	0.10	0.040	ug/L
Aroclor-1260	0.10	0.046	ug/L

Method: 6010C - Metals (ICP) - TCLP

Prep: 3010A

Leach: 1311

Analyte	RL	MDL	Units
Arsenic	0.050	0.0041	mg/L
Barium	0.50	0.0013	mg/L
Cadmium	0.050	0.00020	mg/L
Chromium	0.050	0.00063	mg/L
Lead	0.050	0.0028	mg/L
Selenium	0.050	0.0060	mg/L
Silver	0.050	0.00062	mg/L

Method: 7470A - Mercury (CVAA) - TCLP

Prep: 7470A

Leach: 1311

Analyte	RL	MDL	Units
Mercury	0.0020	0.00013	mg/L

General Chemistry

Analyte	RL	MDL	Units
Flashpoint	1.00	1.00	Degrees F

Surrogate Summary

Client: Tetra Tech, Inc.
Project/Site: GSP MNA Groundwater 2020

Job ID: 240-134314-1
SDG: Waste Char

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 (47-134)	DBFM (78-129)	DCA (75-130)	TOL (69-122)
240-134314-1	TB-073120	94	87	88	93
240-134314-2	WC-GSPMNA-W-073120	94	89	88	90
LCS 240-446785/4	Lab Control Sample	94	89	87	91
LCS 240-447016/4	Lab Control Sample	96	89	89	90
MB 240-446785/7	Method Blank	95	89	89	92
MB 240-447016/7	Method Blank	96	89	84	92

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane (Surr)

DCA = 1,2-Dichloroethane-d4 (Surr)

TOL = Toluene-d8 (Surr)

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		TCX2 (22-120)	DCBP2 (10-120)
240-134314-2	WC-GSPMNA-W-073120	64	53
LCS 240-445719/7-A	Lab Control Sample	71	78
MB 240-445719/6-A	Method Blank	63	78

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCBP = DCB Decachlorobiphenyl

QC Sample Results

Client: Tetra Tech, Inc.
 Project/Site: GSP MNA Groundwater 2020

Job ID: 240-134314-1
 SDG: Waste Char

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

Lab Sample ID: MB 240-446785/7

Matrix: Water

Analysis Batch: 446785

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	5.4	U	10	5.4	ug/L			08/12/20 15:24	1
Benzene	0.38	U	1.0	0.38	ug/L			08/12/20 15:24	1
Bromobenzene	0.38	U	1.0	0.38	ug/L			08/12/20 15:24	1
Bromochloromethane	0.52	U	1.0	0.52	ug/L			08/12/20 15:24	1
Bromodichloromethane	0.35	U	1.0	0.35	ug/L			08/12/20 15:24	1
Bromoform	0.76	U	1.0	0.76	ug/L			08/12/20 15:24	1
Bromomethane	0.42	U	1.0	0.42	ug/L			08/12/20 15:24	1
2-Butanone (MEK)	2.4	U	10	2.4	ug/L			08/12/20 15:24	1
Carbon disulfide	0.28	U	1.0	0.28	ug/L			08/12/20 15:24	1
Carbon tetrachloride	0.26	U	1.0	0.26	ug/L			08/12/20 15:24	1
Chlorobenzene	0.32	U	1.0	0.32	ug/L			08/12/20 15:24	1
Chloroethane	0.83	U	1.0	0.83	ug/L			08/12/20 15:24	1
2-Chloroethyl vinyl ether	1.1	U	10	1.1	ug/L			08/12/20 15:24	1
Chloroform	0.40	U	1.0	0.40	ug/L			08/12/20 15:24	1
Chloromethane	0.64	U	1.0	0.64	ug/L			08/12/20 15:24	1
2-Chlorotoluene	0.42	U	1.0	0.42	ug/L			08/12/20 15:24	1
4-Chlorotoluene	0.44	U	1.0	0.44	ug/L			08/12/20 15:24	1
cis-1,2-Dichloroethene	0.38	U	1.0	0.38	ug/L			08/12/20 15:24	1
cis-1,3-Dichloropropene	0.61	U	1.0	0.61	ug/L			08/12/20 15:24	1
Dibromochloromethane	0.39	U	1.0	0.39	ug/L			08/12/20 15:24	1
1,2-Dibromo-3-Chloropropane	0.91	U	2.0	0.91	ug/L			08/12/20 15:24	1
1,2-Dibromoethane	0.37	U	1.0	0.37	ug/L			08/12/20 15:24	1
Dibromomethane	0.33	U	1.0	0.33	ug/L			08/12/20 15:24	1
1,2-Dichlorobenzene	0.43	U	1.0	0.43	ug/L			08/12/20 15:24	1
1,3-Dichlorobenzene	0.40	U	1.0	0.40	ug/L			08/12/20 15:24	1
1,4-Dichlorobenzene	0.37	U	1.0	0.37	ug/L			08/12/20 15:24	1
Dichlorodifluoromethane	0.35	U	1.0	0.35	ug/L			08/12/20 15:24	1
1,1-Dichloroethane	0.41	U	1.0	0.41	ug/L			08/12/20 15:24	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			08/12/20 15:24	1
1,1-Dichloroethene	0.46	U	1.0	0.46	ug/L			08/12/20 15:24	1
1,2-Dichloropropane	0.37	U	1.0	0.37	ug/L			08/12/20 15:24	1
1,3-Dichloropropane	0.21	U	1.0	0.21	ug/L			08/12/20 15:24	1
2,2-Dichloropropane	0.95	U	1.0	0.95	ug/L			08/12/20 15:24	1
1,1-Dichloropropene	0.37	U	1.0	0.37	ug/L			08/12/20 15:24	1
Diisopropyl ether	0.36	U	10	0.36	ug/L			08/12/20 15:24	1
Ethylbenzene	0.39	U	1.0	0.39	ug/L			08/12/20 15:24	1
Ethyl tert-Butyl Ether (ETBE)	0.43	U	5.0	0.43	ug/L			08/12/20 15:24	1
Hexachlorobutadiene	0.83	U	1.0	0.83	ug/L			08/12/20 15:24	1
2-Hexanone	2.1	U	10	2.1	ug/L			08/12/20 15:24	1
Isopropylbenzene	0.45	U	1.0	0.45	ug/L			08/12/20 15:24	1
Methylene Chloride	1.3	U	5.0	1.3	ug/L			08/12/20 15:24	1
4-Methyl-2-pentanone (MIBK)	2.1	U	10	2.1	ug/L			08/12/20 15:24	1
Methyl-tert-butyl Ether (MTBE)	0.44	U	1.0	0.44	ug/L			08/12/20 15:24	1
m-Xylene & p-Xylene	0.40	U	2.0	0.40	ug/L			08/12/20 15:24	1
Naphthalene	0.82	U	1.0	0.82	ug/L			08/12/20 15:24	1
n-Butylbenzene	0.59	U	1.0	0.59	ug/L			08/12/20 15:24	1
N-Propylbenzene	0.46	U	1.0	0.46	ug/L			08/12/20 15:24	1
o-Xylene	0.43	U	1.0	0.43	ug/L			08/12/20 15:24	1

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: GSP MNA Groundwater 2020

Job ID: 240-134314-1
SDG: Waste Char

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

Lab Sample ID: MB 240-446785/7
Matrix: Water
Analysis Batch: 446785

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
p-Isopropyltoluene	0.49	U	1.0	0.49	ug/L			08/12/20 15:24	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/12/20 15:24	1
Styrene	0.40	U	1.0	0.40	ug/L			08/12/20 15:24	1
Tert-amyl methyl ether	0.39	U	5.0	0.39	ug/L			08/12/20 15:24	1
tert-Butyl alcohol (TBA)	1.7	U	40	1.7	ug/L			08/12/20 15:24	1
tert-Butylbenzene	0.51	U	1.0	0.51	ug/L			08/12/20 15:24	1
1,1,1,2-Tetrachloroethane	0.41	U	1.0	0.41	ug/L			08/12/20 15:24	1
1,1,2,2-Tetrachloroethane	0.56	U	1.0	0.56	ug/L			08/12/20 15:24	1
Tetrachloroethene	0.33	U	1.0	0.33	ug/L			08/12/20 15:24	1
Toluene	0.35	U	1.0	0.35	ug/L			08/12/20 15:24	1
trans-1,2-Dichloroethene	0.43	U	1.0	0.43	ug/L			08/12/20 15:24	1
trans-1,3-Dichloropropene	0.67	U	1.0	0.67	ug/L			08/12/20 15:24	1
1,2,3-Trichlorobenzene	0.54	U	1.0	0.54	ug/L			08/12/20 15:24	1
1,2,4-Trichlorobenzene	0.81	U	1.0	0.81	ug/L			08/12/20 15:24	1
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			08/12/20 15:24	1
Trichloroethene	0.36	U	1.0	0.36	ug/L			08/12/20 15:24	1
Trichlorofluoromethane	0.45	U	1.0	0.45	ug/L			08/12/20 15:24	1
1,2,3-Trichloropropane	0.51	U	1.0	0.51	ug/L			08/12/20 15:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.41	U	1.0	0.41	ug/L			08/12/20 15:24	1
1,2,3-Trimethylbenzene	0.36	U	5.0	0.36	ug/L			08/12/20 15:24	1
1,2,4-Trimethylbenzene	0.45	U	1.0	0.45	ug/L			08/12/20 15:24	1
Vinyl acetate	0.78	U	2.0	0.78	ug/L			08/12/20 15:24	1
Vinyl chloride	0.50	U	1.0	0.50	ug/L			08/12/20 15:24	1
Xylenes, Total	0.42	U	2.0	0.42	ug/L			08/12/20 15:24	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		47 - 134		08/12/20 15:24	1
Dibromofluoromethane (Surr)	89		78 - 129		08/12/20 15:24	1
1,2-Dichloroethane-d4 (Surr)	89		75 - 130		08/12/20 15:24	1
Toluene-d8 (Surr)	92		69 - 122		08/12/20 15:24	1

Lab Sample ID: LCS 240-446785/4
Matrix: Water
Analysis Batch: 446785

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	20.0	19.8		ug/L		99	33 - 155
Benzene	10.0	9.08		ug/L		91	77 - 123
Bromobenzene	10.0	9.18		ug/L		92	77 - 120
Bromochloromethane	10.0	8.67		ug/L		87	70 - 128
Bromodichloromethane	10.0	9.40		ug/L		94	73 - 122
Bromoform	10.0	10.4		ug/L		104	47 - 133
Bromomethane	10.0	9.80		ug/L		98	48 - 144
2-Butanone (MEK)	20.0	18.1		ug/L		90	41 - 151
Carbon disulfide	10.0	9.02		ug/L		90	67 - 127
Carbon tetrachloride	10.0	9.67		ug/L		97	61 - 142
Chlorobenzene	10.0	9.33		ug/L		93	80 - 120
Chloroethane	10.0	11.4		ug/L		114	41 - 147

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: GSP MNA Groundwater 2020

Job ID: 240-134314-1
SDG: Waste Char

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

Lab Sample ID: LCS 240-446785/4
Matrix: Water
Analysis Batch: 446785

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Chloroethyl vinyl ether	10.0	9.20	J	ug/L		92	29 - 146
Chloroform	10.0	9.15		ug/L		92	74 - 127
Chloromethane	10.0	10.1		ug/L		101	46 - 148
2-Chlorotoluene	10.0	9.52		ug/L		95	73 - 126
4-Chlorotoluene	10.0	9.24		ug/L		92	73 - 126
cis-1,2-Dichloroethene	10.0	9.47		ug/L		95	75 - 124
cis-1,3-Dichloropropene	10.0	9.18		ug/L		92	68 - 128
Dibromochloromethane	10.0	9.68		ug/L		97	75 - 120
1,2-Dibromo-3-Chloropropane	10.0	10.2		ug/L		102	34 - 136
1,2-Dibromoethane	10.0	9.53		ug/L		95	73 - 120
Dibromomethane	10.0	9.65		ug/L		96	67 - 121
1,2-Dichlorobenzene	10.0	8.95		ug/L		90	74 - 120
1,3-Dichlorobenzene	10.0	8.76		ug/L		88	74 - 120
1,4-Dichlorobenzene	10.0	9.33		ug/L		93	75 - 120
Dichlorodifluoromethane	10.0	13.3		ug/L		133	35 - 137
1,1-Dichloroethane	10.0	9.29		ug/L		93	74 - 126
1,2-Dichloroethane	10.0	9.20		ug/L		92	66 - 129
1,1-Dichloroethene	10.0	9.83		ug/L		98	73 - 129
1,2-Dichloropropane	10.0	9.43		ug/L		94	79 - 127
1,3-Dichloropropane	10.0	9.48		ug/L		95	74 - 122
2,2-Dichloropropane	10.0	9.24		ug/L		92	67 - 137
1,1-Dichloropropene	10.0	8.98		ug/L		90	78 - 120
Ethylbenzene	10.0	9.63		ug/L		96	80 - 120
Hexachlorobutadiene	10.0	9.17		ug/L		92	40 - 120
2-Hexanone	20.0	19.1		ug/L		96	43 - 142
Isopropylbenzene	10.0	9.62		ug/L		96	73 - 123
Methylene Chloride	10.0	10.0		ug/L		100	63 - 134
4-Methyl-2-pentanone (MIBK)	20.0	19.0		ug/L		95	43 - 145
Methyl-tert-butyl Ether (MTBE)	10.0	9.15		ug/L		92	57 - 127
m-Xylene & p-Xylene	10.0	9.32		ug/L		93	79 - 121
Naphthalene	10.0	9.26		ug/L		93	28 - 130
n-Butylbenzene	10.0	9.44		ug/L		94	54 - 129
N-Propylbenzene	10.0	9.23		ug/L		92	67 - 130
o-Xylene	10.0	9.48		ug/L		95	75 - 123
p-Isopropyltoluene	10.0	9.85		ug/L		98	66 - 127
sec-Butylbenzene	10.0	9.66		ug/L		97	60 - 131
Styrene	10.0	9.42		ug/L		94	75 - 121
tert-Butyl alcohol (TBA)	100	90.4		ug/L		90	15 - 169
tert-Butylbenzene	10.0	9.48		ug/L		95	63 - 126
1,1,1,2-Tetrachloroethane	10.0	9.61		ug/L		96	77 - 120
1,1,2,2-Tetrachloroethane	10.0	9.47		ug/L		95	45 - 151
Tetrachloroethene	10.0	9.58		ug/L		96	70 - 125
Toluene	10.0	9.35		ug/L		94	79 - 122
trans-1,2-Dichloroethene	10.0	8.82		ug/L		88	74 - 130
trans-1,3-Dichloropropene	10.0	8.91		ug/L		89	64 - 120
1,2,3-Trichlorobenzene	10.0	9.33		ug/L		93	42 - 126
1,2,4-Trichlorobenzene	10.0	9.25		ug/L		93	47 - 120
1,1,1-Trichloroethane	10.0	9.26		ug/L		93	65 - 141
Trichloroethene	10.0	9.11		ug/L		91	71 - 121

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: GSP MNA Groundwater 2020

Job ID: 240-134314-1
SDG: Waste Char

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

Lab Sample ID: LCS 240-446785/4
Matrix: Water
Analysis Batch: 446785

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Trichlorofluoromethane	10.0	11.0		ug/L		110	52 - 148
1,2,3-Trichloropropane	10.0	10.1		ug/L		101	57 - 137
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	10.4		ug/L		104	54 - 148
1,2,4-Trimethylbenzene	10.0	9.42		ug/L		94	66 - 129
Vinyl acetate	10.0	8.04		ug/L		80	44 - 160
Vinyl chloride	10.0	10.9		ug/L		109	61 - 134
Xylenes, Total	20.0	18.8		ug/L		94	78 - 122

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	94		47 - 134
Dibromofluoromethane (Surr)	89		78 - 129
1,2-Dichloroethane-d4 (Surr)	87		75 - 130
Toluene-d8 (Surr)	91		69 - 122

Lab Sample ID: MB 240-447016/7
Matrix: Water
Analysis Batch: 447016

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	5.4	U	10	5.4	ug/L			08/13/20 14:46	1
Benzene	0.38	U	1.0	0.38	ug/L			08/13/20 14:46	1
Bromobenzene	0.38	U	1.0	0.38	ug/L			08/13/20 14:46	1
Bromochloromethane	0.52	U	1.0	0.52	ug/L			08/13/20 14:46	1
Bromodichloromethane	0.35	U	1.0	0.35	ug/L			08/13/20 14:46	1
Bromoform	0.76	U	1.0	0.76	ug/L			08/13/20 14:46	1
Bromomethane	0.42	U	1.0	0.42	ug/L			08/13/20 14:46	1
2-Butanone (MEK)	2.4	U	10	2.4	ug/L			08/13/20 14:46	1
Carbon disulfide	0.28	U	1.0	0.28	ug/L			08/13/20 14:46	1
Carbon tetrachloride	0.26	U	1.0	0.26	ug/L			08/13/20 14:46	1
Chlorobenzene	0.32	U	1.0	0.32	ug/L			08/13/20 14:46	1
Chloroethane	0.83	U	1.0	0.83	ug/L			08/13/20 14:46	1
2-Chloroethyl vinyl ether	1.1	U	10	1.1	ug/L			08/13/20 14:46	1
Chloroform	0.40	U	1.0	0.40	ug/L			08/13/20 14:46	1
Chloromethane	0.64	U	1.0	0.64	ug/L			08/13/20 14:46	1
2-Chlorotoluene	0.42	U	1.0	0.42	ug/L			08/13/20 14:46	1
4-Chlorotoluene	0.44	U	1.0	0.44	ug/L			08/13/20 14:46	1
cis-1,2-Dichloroethene	0.38	U	1.0	0.38	ug/L			08/13/20 14:46	1
cis-1,3-Dichloropropene	0.61	U	1.0	0.61	ug/L			08/13/20 14:46	1
Dibromochloromethane	0.39	U	1.0	0.39	ug/L			08/13/20 14:46	1
1,2-Dibromo-3-Chloropropane	0.91	U	2.0	0.91	ug/L			08/13/20 14:46	1
1,2-Dibromoethane	0.37	U	1.0	0.37	ug/L			08/13/20 14:46	1
Dibromomethane	0.33	U	1.0	0.33	ug/L			08/13/20 14:46	1
1,2-Dichlorobenzene	0.43	U	1.0	0.43	ug/L			08/13/20 14:46	1
1,3-Dichlorobenzene	0.40	U	1.0	0.40	ug/L			08/13/20 14:46	1
1,4-Dichlorobenzene	0.37	U	1.0	0.37	ug/L			08/13/20 14:46	1
Dichlorodifluoromethane	0.35	U	1.0	0.35	ug/L			08/13/20 14:46	1
1,1-Dichloroethane	0.41	U	1.0	0.41	ug/L			08/13/20 14:46	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			08/13/20 14:46	1

Eurofins TestAmerica, Canton

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: GSP MNA Groundwater 2020

Job ID: 240-134314-1
SDG: Waste Char

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

Lab Sample ID: MB 240-447016/7

Matrix: Water

Analysis Batch: 447016

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.46	U	1.0	0.46	ug/L			08/13/20 14:46	1
1,2-Dichloropropane	0.37	U	1.0	0.37	ug/L			08/13/20 14:46	1
1,3-Dichloropropane	0.21	U	1.0	0.21	ug/L			08/13/20 14:46	1
2,2-Dichloropropane	0.95	U	1.0	0.95	ug/L			08/13/20 14:46	1
1,1-Dichloropropene	0.37	U	1.0	0.37	ug/L			08/13/20 14:46	1
Diisopropyl ether	0.36	U	10	0.36	ug/L			08/13/20 14:46	1
Ethylbenzene	0.39	U	1.0	0.39	ug/L			08/13/20 14:46	1
Ethyl tert-Butyl Ether (ETBE)	0.43	U	5.0	0.43	ug/L			08/13/20 14:46	1
Hexachlorobutadiene	0.83	U	1.0	0.83	ug/L			08/13/20 14:46	1
2-Hexanone	2.1	U	10	2.1	ug/L			08/13/20 14:46	1
Isopropylbenzene	0.45	U	1.0	0.45	ug/L			08/13/20 14:46	1
Methylene Chloride	1.3	U	5.0	1.3	ug/L			08/13/20 14:46	1
4-Methyl-2-pentanone (MIBK)	2.1	U	10	2.1	ug/L			08/13/20 14:46	1
Methyl-tert-butyl Ether (MTBE)	0.44	U	1.0	0.44	ug/L			08/13/20 14:46	1
m-Xylene & p-Xylene	0.40	U	2.0	0.40	ug/L			08/13/20 14:46	1
Naphthalene	0.82	U	1.0	0.82	ug/L			08/13/20 14:46	1
n-Butylbenzene	0.59	U	1.0	0.59	ug/L			08/13/20 14:46	1
N-Propylbenzene	0.46	U	1.0	0.46	ug/L			08/13/20 14:46	1
o-Xylene	0.43	U	1.0	0.43	ug/L			08/13/20 14:46	1
p-Isopropyltoluene	0.49	U	1.0	0.49	ug/L			08/13/20 14:46	1
sec-Butylbenzene	0.63	U	1.0	0.63	ug/L			08/13/20 14:46	1
Styrene	0.40	U	1.0	0.40	ug/L			08/13/20 14:46	1
Tert-amyl methyl ether	0.39	U	5.0	0.39	ug/L			08/13/20 14:46	1
tert-Butyl alcohol (TBA)	1.7	U	40	1.7	ug/L			08/13/20 14:46	1
tert-Butylbenzene	0.51	U	1.0	0.51	ug/L			08/13/20 14:46	1
1,1,1,2-Tetrachloroethane	0.41	U	1.0	0.41	ug/L			08/13/20 14:46	1
1,1,2,2-Tetrachloroethane	0.56	U	1.0	0.56	ug/L			08/13/20 14:46	1
Tetrachloroethene	0.33	U	1.0	0.33	ug/L			08/13/20 14:46	1
Toluene	0.35	U	1.0	0.35	ug/L			08/13/20 14:46	1
trans-1,2-Dichloroethene	0.43	U	1.0	0.43	ug/L			08/13/20 14:46	1
trans-1,3-Dichloropropene	0.67	U	1.0	0.67	ug/L			08/13/20 14:46	1
1,2,3-Trichlorobenzene	0.54	U	1.0	0.54	ug/L			08/13/20 14:46	1
1,2,4-Trichlorobenzene	0.81	U	1.0	0.81	ug/L			08/13/20 14:46	1
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			08/13/20 14:46	1
Trichloroethene	0.36	U	1.0	0.36	ug/L			08/13/20 14:46	1
Trichlorofluoromethane	0.45	U	1.0	0.45	ug/L			08/13/20 14:46	1
1,2,3-Trichloropropane	0.51	U	1.0	0.51	ug/L			08/13/20 14:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.41	U	1.0	0.41	ug/L			08/13/20 14:46	1
1,2,3-Trimethylbenzene	0.36	U	5.0	0.36	ug/L			08/13/20 14:46	1
1,2,4-Trimethylbenzene	0.45	U	1.0	0.45	ug/L			08/13/20 14:46	1
Vinyl acetate	0.78	U	2.0	0.78	ug/L			08/13/20 14:46	1
Vinyl chloride	0.50	U	1.0	0.50	ug/L			08/13/20 14:46	1
Xylenes, Total	0.42	U	2.0	0.42	ug/L			08/13/20 14:46	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		47 - 134		08/13/20 14:46	1
Dibromofluoromethane (Surr)	89		78 - 129		08/13/20 14:46	1
1,2-Dichloroethane-d4 (Surr)	84		75 - 130		08/13/20 14:46	1

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: GSP MNA Groundwater 2020

Job ID: 240-134314-1
SDG: Waste Char

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

Lab Sample ID: MB 240-447016/7
Matrix: Water
Analysis Batch: 447016

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

Surrogate	MB MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery Qualifier				
Toluene-d8 (Surr)	92	69 - 122		08/13/20 14:46	1

Lab Sample ID: LCS 240-447016/4
Matrix: Water
Analysis Batch: 447016

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	20.0	21.0		ug/L		105	33 - 155
Benzene	10.0	9.33		ug/L		93	77 - 123
Bromobenzene	10.0	8.87		ug/L		89	77 - 120
Bromochloromethane	10.0	8.87		ug/L		89	70 - 128
Bromodichloromethane	10.0	9.52		ug/L		95	73 - 122
Bromoform	10.0	10.6		ug/L		106	47 - 133
Bromomethane	10.0	8.55		ug/L		86	48 - 144
2-Butanone (MEK)	20.0	17.5		ug/L		88	41 - 151
Carbon disulfide	10.0	9.05		ug/L		90	67 - 127
Carbon tetrachloride	10.0	9.97		ug/L		100	61 - 142
Chlorobenzene	10.0	9.38		ug/L		94	80 - 120
Chloroethane	10.0	10.8		ug/L		108	41 - 147
2-Chloroethyl vinyl ether	10.0	9.50	J	ug/L		95	29 - 146
Chloroform	10.0	9.55		ug/L		95	74 - 127
Chloromethane	10.0	8.58		ug/L		86	46 - 148
2-Chlorotoluene	10.0	9.37		ug/L		94	73 - 126
4-Chlorotoluene	10.0	9.18		ug/L		92	73 - 126
cis-1,2-Dichloroethene	10.0	9.55		ug/L		96	75 - 124
cis-1,3-Dichloropropene	10.0	9.51		ug/L		95	68 - 128
Dibromochloromethane	10.0	9.88		ug/L		99	75 - 120
1,2-Dibromo-3-Chloropropane	10.0	11.8		ug/L		118	34 - 136
1,2-Dibromoethane	10.0	9.84		ug/L		98	73 - 120
Dibromomethane	10.0	10.1		ug/L		101	67 - 121
1,2-Dichlorobenzene	10.0	9.45		ug/L		95	74 - 120
1,3-Dichlorobenzene	10.0	9.15		ug/L		92	74 - 120
1,4-Dichlorobenzene	10.0	9.58		ug/L		96	75 - 120
Dichlorodifluoromethane	10.0	12.1		ug/L		121	35 - 137
1,1-Dichloroethane	10.0	9.52		ug/L		95	74 - 126
1,2-Dichloroethane	10.0	9.64		ug/L		96	66 - 129
1,1-Dichloroethene	10.0	9.45		ug/L		95	73 - 129
1,2-Dichloropropane	10.0	9.57		ug/L		96	79 - 127
1,3-Dichloropropane	10.0	9.45		ug/L		95	74 - 122
2,2-Dichloropropane	10.0	9.66		ug/L		97	67 - 137
1,1-Dichloropropene	10.0	9.25		ug/L		92	78 - 120
Ethylbenzene	10.0	9.76		ug/L		98	80 - 120
Hexachlorobutadiene	10.0	9.83		ug/L		98	40 - 120
2-Hexanone	20.0	18.8		ug/L		94	43 - 142
Isopropylbenzene	10.0	9.80		ug/L		98	73 - 123
Methylene Chloride	10.0	10.8		ug/L		108	63 - 134
4-Methyl-2-pentanone (MIBK)	20.0	18.8		ug/L		94	43 - 145
Methyl-tert-butyl Ether (MTBE)	10.0	9.40		ug/L		94	57 - 127

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: GSP MNA Groundwater 2020

Job ID: 240-134314-1
SDG: Waste Char

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

Lab Sample ID: LCS 240-447016/4
Matrix: Water
Analysis Batch: 447016

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
m-Xylene & p-Xylene	10.0	9.56		ug/L		96	79 - 121
Naphthalene	10.0	9.25		ug/L		92	28 - 130
n-Butylbenzene	10.0	9.47		ug/L		95	54 - 129
N-Propylbenzene	10.0	9.12		ug/L		91	67 - 130
o-Xylene	10.0	9.47		ug/L		95	75 - 123
p-Isopropyltoluene	10.0	9.89		ug/L		99	66 - 127
sec-Butylbenzene	10.0	9.76		ug/L		98	60 - 131
Styrene	10.0	9.60		ug/L		96	75 - 121
tert-Butyl alcohol (TBA)	100	92.9		ug/L		93	15 - 169
tert-Butylbenzene	10.0	9.34		ug/L		93	63 - 126
1,1,1,2-Tetrachloroethane	10.0	9.41		ug/L		94	77 - 120
1,1,2,2-Tetrachloroethane	10.0	9.03		ug/L		90	45 - 151
Tetrachloroethene	10.0	9.62		ug/L		96	70 - 125
Toluene	10.0	9.35		ug/L		94	79 - 122
trans-1,2-Dichloroethene	10.0	9.21		ug/L		92	74 - 130
trans-1,3-Dichloropropene	10.0	9.11		ug/L		91	64 - 120
1,2,3-Trichlorobenzene	10.0	9.59		ug/L		96	42 - 126
1,2,4-Trichlorobenzene	10.0	9.22		ug/L		92	47 - 120
1,1,1-Trichloroethane	10.0	9.64		ug/L		96	65 - 141
Trichloroethene	10.0	9.20		ug/L		92	71 - 121
Trichlorofluoromethane	10.0	9.92		ug/L		99	52 - 148
1,2,3-Trichloropropane	10.0	9.73		ug/L		97	57 - 137
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	10.6		ug/L		106	54 - 148
1,2,4-Trimethylbenzene	10.0	9.52		ug/L		95	66 - 129
Vinyl acetate	10.0	8.65		ug/L		87	44 - 160
Vinyl chloride	10.0	9.99		ug/L		100	61 - 134
Xylenes, Total	20.0	19.0		ug/L		95	78 - 122

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		47 - 134
Dibromofluoromethane (Surr)	89		78 - 129
1,2-Dichloroethane-d4 (Surr)	89		75 - 130
Toluene-d8 (Surr)	90		69 - 122

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

Lab Sample ID: MB 240-445719/6-A
Matrix: Water
Analysis Batch: 446046

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 445719

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	0.056	U	0.10	0.056	ug/L		08/05/20 09:46	08/07/20 09:46	1
Aroclor-1221	0.057	U	0.10	0.057	ug/L		08/05/20 09:46	08/07/20 09:46	1
Aroclor-1232	0.074	U	0.10	0.074	ug/L		08/05/20 09:46	08/07/20 09:46	1
Aroclor-1242	0.076	U	0.10	0.076	ug/L		08/05/20 09:46	08/07/20 09:46	1
Aroclor-1248	0.050	U	0.10	0.050	ug/L		08/05/20 09:46	08/07/20 09:46	1
Aroclor-1254	0.040	U	0.10	0.040	ug/L		08/05/20 09:46	08/07/20 09:46	1
Aroclor-1260	0.046	U	0.10	0.046	ug/L		08/05/20 09:46	08/07/20 09:46	1

Eurofins TestAmerica, Canton

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: GSP MNA Groundwater 2020

Job ID: 240-134314-1
SDG: Waste Char

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

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
Tetrachloro-m-xylene	63		22 - 120	08/05/20 09:46	08/07/20 09:46	1
DCB Decachlorobiphenyl	78		10 - 120	08/05/20 09:46	08/07/20 09:46	1

Lab Sample ID: LCS 240-445719/7-A
Matrix: Water
Analysis Batch: 446046

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 445719

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Aroclor-1016	2.50	1.83		ug/L		73	28 - 120
Aroclor-1260	2.50	1.74		ug/L		69	30 - 120

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
Tetrachloro-m-xylene	71		22 - 120
DCB Decachlorobiphenyl	78		10 - 120

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 240-445559/2-A
Matrix: Water
Analysis Batch: 445743

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 445559

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Arsenic	0.0041	U	0.050	0.0041	mg/L		08/04/20 14:00	08/05/20 10:56	1
Barium	0.0013	U	0.50	0.0013	mg/L		08/04/20 14:00	08/05/20 10:56	1
Cadmium	0.000281	J	0.050	0.00020	mg/L		08/04/20 14:00	08/05/20 10:56	1
Chromium	0.00063	U	0.050	0.00063	mg/L		08/04/20 14:00	08/05/20 10:56	1
Lead	0.0028	U	0.050	0.0028	mg/L		08/04/20 14:00	08/05/20 10:56	1
Selenium	0.0060	U	0.050	0.0060	mg/L		08/04/20 14:00	08/05/20 10:56	1
Silver	0.00062	U	0.050	0.00062	mg/L		08/04/20 14:00	08/05/20 10:56	1

Lab Sample ID: LCS 240-445559/3-A
Matrix: Water
Analysis Batch: 445743

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 445559

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Arsenic	2.00	2.18		mg/L		109	50 - 150
Barium	2.00	1.95		mg/L		97	50 - 150
Cadmium	1.00	1.01		mg/L		101	50 - 150
Chromium	1.00	0.973		mg/L		97	50 - 150
Lead	1.00	0.930		mg/L		93	50 - 150
Selenium	2.00	2.17		mg/L		108	50 - 150
Silver	0.100	0.106		mg/L		106	50 - 150

Lab Sample ID: LB 240-445400/1-B
Matrix: Water
Analysis Batch: 445743

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 445559

Analyte	LB	LB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Arsenic	0.0041	U	0.050	0.0041	mg/L		08/04/20 14:00	08/05/20 10:51	1
Barium	0.0226	J	0.50	0.0013	mg/L		08/04/20 14:00	08/05/20 10:51	1
Cadmium	0.000229	J	0.050	0.00020	mg/L		08/04/20 14:00	08/05/20 10:51	1
Chromium	0.00262	J	0.050	0.00063	mg/L		08/04/20 14:00	08/05/20 10:51	1

Eurofins TestAmerica, Canton

QC Sample Results

Client: Tetra Tech, Inc.
Project/Site: GSP MNA Groundwater 2020

Job ID: 240-134314-1
SDG: Waste Char

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

Lab Sample ID: LB 240-445400/1-B
Matrix: Water
Analysis Batch: 445743

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 445559

Analyte	LB LB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Lead	0.0028	U	0.050	0.0028	mg/L		08/04/20 14:00	08/05/20 10:51	1
Selenium	0.0060	U	0.050	0.0060	mg/L		08/04/20 14:00	08/05/20 10:51	1
Silver	0.00062	U	0.050	0.00062	mg/L		08/04/20 14:00	08/05/20 10:51	1

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 240-445561/2-A
Matrix: Water
Analysis Batch: 445785

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 445561

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Mercury	0.00013	U	0.0020	0.00013	mg/L		08/04/20 14:00	08/05/20 11:39	1

Lab Sample ID: LCS 240-445561/3-A
Matrix: Water
Analysis Batch: 445785

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 445561
%Rec.

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits

Lab Sample ID: LB 240-445400/1-C
Matrix: Water
Analysis Batch: 445785

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 445561

Analyte	LB LB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Mercury	0.00013	U	0.0020	0.00013	mg/L		08/04/20 14:00	08/05/20 11:37	1

Method: 1010 - Ignitability, Pensky-Martens Closed-Cup Method

Lab Sample ID: LCS 240-446792/1
Matrix: Water
Analysis Batch: 446792

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: GSP MNA Groundwater 2020

Job ID: 240-134314-1
SDG: Waste Char

GC/MS VOA

Analysis Batch: 446785

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-134314-1	TB-073120	Total/NA	Water	8260B	
MB 240-446785/7	Method Blank	Total/NA	Water	8260B	
LCS 240-446785/4	Lab Control Sample	Total/NA	Water	8260B	

Analysis Batch: 447016

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-134314-2	WC-GSPMNA-W-073120	Total/NA	Water	8260B	
MB 240-447016/7	Method Blank	Total/NA	Water	8260B	
LCS 240-447016/4	Lab Control Sample	Total/NA	Water	8260B	

GC Semi VOA

Prep Batch: 445719

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-134314-2	WC-GSPMNA-W-073120	Total/NA	Water	3510C	
MB 240-445719/6-A	Method Blank	Total/NA	Water	3510C	
LCS 240-445719/7-A	Lab Control Sample	Total/NA	Water	3510C	

Analysis Batch: 446046

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-134314-2	WC-GSPMNA-W-073120	Total/NA	Water	8082A	445719
MB 240-445719/6-A	Method Blank	Total/NA	Water	8082A	445719
LCS 240-445719/7-A	Lab Control Sample	Total/NA	Water	8082A	445719

Metals

Leach Batch: 445400

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-134314-2	WC-GSPMNA-W-073120	TCLP	Water	1311	
LB 240-445400/1-B	Method Blank	TCLP	Water	1311	
LB 240-445400/1-C	Method Blank	TCLP	Water	1311	

Prep Batch: 445559

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-134314-2	WC-GSPMNA-W-073120	TCLP	Water	3010A	445400
LB 240-445400/1-B	Method Blank	TCLP	Water	3010A	445400
MB 240-445559/2-A	Method Blank	Total/NA	Water	3010A	
LCS 240-445559/3-A	Lab Control Sample	Total/NA	Water	3010A	

Prep Batch: 445561

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-134314-2	WC-GSPMNA-W-073120	TCLP	Water	7470A	445400
LB 240-445400/1-C	Method Blank	TCLP	Water	7470A	445400
MB 240-445561/2-A	Method Blank	Total/NA	Water	7470A	
LCS 240-445561/3-A	Lab Control Sample	Total/NA	Water	7470A	

Analysis Batch: 445743

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-134314-2	WC-GSPMNA-W-073120	TCLP	Water	6010C	445559
LB 240-445400/1-B	Method Blank	TCLP	Water	6010C	445559
MB 240-445559/2-A	Method Blank	Total/NA	Water	6010C	445559
LCS 240-445559/3-A	Lab Control Sample	Total/NA	Water	6010C	445559

QC Association Summary

Client: Tetra Tech, Inc.
Project/Site: GSP MNA Groundwater 2020

Job ID: 240-134314-1
SDG: Waste Char

Metals

Analysis Batch: 445785

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-134314-2	WC-GSPMNA-W-073120	TCLP	Water	7470A	445561
LB 240-445400/1-C	Method Blank	TCLP	Water	7470A	445561
MB 240-445561/2-A	Method Blank	Total/NA	Water	7470A	445561
LCS 240-445561/3-A	Lab Control Sample	Total/NA	Water	7470A	445561

General Chemistry

Analysis Batch: 446792

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-134314-2	WC-GSPMNA-W-073120	Total/NA	Water	1010	
LCS 240-446792/1	Lab Control Sample	Total/NA	Water	1010	

Lab Chronicle

Client: Tetra Tech, Inc.
 Project/Site: GSP MNA Groundwater 2020

Job ID: 240-134314-1
 SDG: Waste Char

Client Sample ID: TB-073120

Lab Sample ID: 240-134314-1

Date Collected: 07/31/20 00:00

Matrix: Water

Date Received: 08/01/20 09:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	446785	08/12/20 22:27	LRW	TAL CAN

Client Sample ID: WC-GSPMNA-W-073120

Lab Sample ID: 240-134314-2

Date Collected: 07/31/20 08:00

Matrix: Water

Date Received: 08/01/20 09:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	447016	08/13/20 17:16	LRW	TAL CAN
Total/NA	Prep	3510C			445719	08/05/20 09:46	MDH	TAL CAN
Total/NA	Analysis	8082A		1	446046	08/07/20 09:30	CSC	TAL CAN
TCLP	Leach	1311			445400	08/03/20 15:05	DRJ	TAL CAN
TCLP	Prep	3010A			445559	08/04/20 14:00	SLD	TAL CAN
TCLP	Analysis	6010C		1	445743	08/05/20 12:30	WKD	TAL CAN
TCLP	Leach	1311			445400	08/03/20 15:05	DRJ	TAL CAN
TCLP	Prep	7470A			445561	08/04/20 14:00	SLD	TAL CAN
TCLP	Analysis	7470A		1	445785	08/05/20 12:41	SLD	TAL CAN
Total/NA	Analysis	1010		1	446792	08/12/20 11:18	TPH	TAL CAN

Laboratory References:

TAL CAN = Eurofins TestAmerica, Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Accreditation/Certification Summary

Client: Tetra Tech, Inc.
Project/Site: GSP MNA Groundwater 2020

Job ID: 240-134314-1
SDG: Waste Char

Laboratory: Eurofins TestAmerica, Canton

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

Authority	Program	Identification Number	Expiration Date
California	State	2927	02-23-21
Connecticut	State	PH-0590	12-31-21
Florida	NELAP	E87225	06-30-21
Georgia	State	4062	02-23-21
Illinois	NELAP	004498	07-31-20 *
Iowa	State	421	06-01-21
Kansas	NELAP	E-10336	04-30-21
Kentucky (UST)	State	112225	02-23-21
Kentucky (WW)	State	KY98016	12-31-20
Minnesota	NELAP	OH00048	12-31-20
Minnesota (Petrofund)	State	3506	08-01-21
New Jersey	NELAP	OH001	06-30-21
New York	NELAP	10975	03-31-21
Ohio VAP	State	CL0024	06-05-21
Oregon	NELAP	4062	02-24-21
Pennsylvania	NELAP	68-00340	08-31-20
Texas	NELAP	T104704517-18-10	08-31-20
USDA	US Federal Programs	P330-18-00281	09-17-21
Virginia	NELAP	010101	09-14-20
Washington	State	C971	01-12-21
West Virginia DEP	State	210	12-31-20

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

Method Summary

Client: Tetra Tech, Inc.
Project/Site: GSP MNA Groundwater 2020

Job ID: 240-134314-1
SDG: Waste Char

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CAN
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL CAN
6010C	Metals (ICP)	SW846	TAL CAN
7470A	Mercury (CVAA)	SW846	TAL CAN
1010	Ignitability, Pensky-Martens Closed-Cup Method	SW846	TAL CAN
1311	TCLP Extraction	SW846	TAL CAN
3010A	Preparation, Total Metals	SW846	TAL CAN
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	TAL CAN
5030B	Purge and Trap	SW846	TAL CAN
7470A	Preparation, Mercury	SW846	TAL CAN

Protocol References:

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

Laboratory References:

TAL CAN = Eurofins TestAmerica, Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Sample Summary

Client: Tetra Tech, Inc.
Project/Site: GSP MNA Groundwater 2020

Job ID: 240-134314-1
SDG: Waste Char

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
240-134314-1	TB-073120	Water	07/31/20 00:00	08/01/20 09:50	
240-134314-2	WC-GSPMNA-W-073120	Water	07/31/20 08:00	08/01/20 09:50	

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1SDG No.: Waste CharInstrument ID: A3UX10 Analysis Batch Number: 445581Lab Sample ID: STD8260 240-445581/2 IC Client Sample ID: _____Date Analyzed: 08/04/20 14:54 Lab File ID: UXX8977.D GC Column: DB-624 ID: 0.18 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chlorobenzene-d5	7.65	Peak assignment corrected	williams1 a	08/05/20 11:26
1,2,3-Trichlorobenzene		Invalid Compound ID	williams1 a	08/05/20 11:58
1,2,4-Trichlorobenzene		Invalid Compound ID	williams1 a	08/05/20 11:58
1,2-Dibromo-3-Chloropropane		Invalid Compound ID	williams1 a	08/05/20 11:57
Hexachlorobutadiene		Invalid Compound ID	williams1 a	08/05/20 11:58
Naphthalene		Invalid Compound ID	williams1 a	08/05/20 11:58
trans-1,4-Dichloro-2-butene		Invalid Compound ID	williams1 a	08/05/20 11:57

Lab Sample ID: STD8260 240-445581/8 IC Client Sample ID: _____Date Analyzed: 08/04/20 17:24 Lab File ID: UXX8983.D GC Column: DB-624 ID: 0.18 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	5.60	Peak assignment corrected	williams1 a	08/05/20 11:27

Lab Sample ID: STDA9 240-445581/10 IC Client Sample ID: _____Date Analyzed: 08/04/20 18:13 Lab File ID: UXX8985.D GC Column: DB-624 ID: 0.18 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1-Methylnaphthalene		Invalid Compound ID	williams1 a	08/05/20 14:51
2-Methylnaphthalene		Invalid Compound ID	williams1 a	08/05/20 14:51

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1SDG No.: Waste CharInstrument ID: A3UX10 Analysis Batch Number: 445581Lab Sample ID: STDA9 240-445581/11 IC Client Sample ID: _____Date Analyzed: 08/04/20 18:38 Lab File ID: UXX8986.D GC Column: DB-624 ID: 0.18 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2-Methylnaphthalene	13.24	Invalid Compound ID	williams1 a	08/05/20 14:52
1-Methylnaphthalene	13.47	Invalid Compound ID	williams1 a	08/05/20 14:52

Lab Sample ID: STDA9 240-445581/12 IC Client Sample ID: _____Date Analyzed: 08/04/20 19:03 Lab File ID: UXX8987.D GC Column: DB-624 ID: 0.18 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2-Methylnaphthalene	13.24	Invalid Compound ID	williams1 a	08/05/20 14:52
1-Methylnaphthalene	13.45	Invalid Compound ID	williams1 a	08/05/20 14:52

Lab Sample ID: STDA9 240-445581/13 IC Client Sample ID: _____Date Analyzed: 08/04/20 19:28 Lab File ID: UXX8988.D GC Column: DB-624 ID: 0.18 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2-Methylnaphthalene	13.24	Invalid Compound ID	williams1 a	08/05/20 14:52
1-Methylnaphthalene	13.46	Invalid Compound ID	williams1 a	08/05/20 14:52

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1SDG No.: Waste CharInstrument ID: A3UX10 Analysis Batch Number: 445581Lab Sample ID: STDA9 240-445581/14 IC Client Sample ID: _____Date Analyzed: 08/04/20 19:53 Lab File ID: UXX8989.D GC Column: DB-624 ID: 0.18 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2-Methylnaphthalene	13.24	Invalid Compound ID	williams1 a	08/05/20 14:52
1-Methylnaphthalene	13.46	Invalid Compound ID	williams1 a	08/05/20 14:52

Lab Sample ID: STDA9 240-445581/15 IC Client Sample ID: _____Date Analyzed: 08/04/20 20:18 Lab File ID: UXX8990.D GC Column: DB-624 ID: 0.18 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2-Methylnaphthalene	13.24	Invalid Compound ID	williams1 a	08/05/20 14:52
1-Methylnaphthalene	13.46	Invalid Compound ID	williams1 a	08/05/20 14:52

Lab Sample ID: STDA9 240-445581/16 IC Client Sample ID: _____Date Analyzed: 08/04/20 20:43 Lab File ID: UXX8991.D GC Column: DB-624 ID: 0.18 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Pentachloroethane	9.50	Peak assignment corrected	williams1 a	08/05/20 14:53
2-Methylnaphthalene	13.24	Invalid Compound ID	williams1 a	08/05/20 14:53
1-Methylnaphthalene	13.47	Invalid Compound ID	williams1 a	08/05/20 14:53

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1

SDG No.: Waste Char

Instrument ID: A2HP10 Analysis Batch Number: 441744

Lab Sample ID: STD02 240-441744/6 IC Client Sample ID: _____

Date Analyzed: 07/08/20 16:40 Lab File ID: P10070806.D GC Column: CLP-1 (0.53mm ID: 0.53 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1232 Peak 2	3.53	Baseline Smoothing	coastc	07/09/20 10:17
PCB-1232 Peak 3	4.18	Baseline Smoothing	coastc	07/09/20 10:17
PCB-1232 Peak 4	4.35	Baseline Smoothing	coastc	07/09/20 10:17
PCB-1232 Peak 5	4.66	Baseline Smoothing	coastc	07/09/20 10:17

Lab Sample ID: STD05 240-441744/7 IC Client Sample ID: _____

Date Analyzed: 07/08/20 16:56 Lab File ID: P10070807.D GC Column: CLP-2 (0.53mm ID: 0.53 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1262		Unspecified		
PCB-1262 Peak 1	7.17	Baseline Smoothing	hassl	07/09/20 05:12
PCB-1262 Peak 2	7.31	Baseline Smoothing	hassl	07/09/20 05:12
PCB-1262 Peak 3	7.57	Baseline Smoothing	hassl	07/09/20 05:12
PCB-1262 Peak 4	8.04	Baseline Smoothing	hassl	07/09/20 05:12
PCB-1262 Peak 5	8.33	Baseline Smoothing	hassl	07/09/20 05:12

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1

SDG No.: Waste Char

Instrument ID: A2HP10 Analysis Batch Number: 441744

Lab Sample ID: STD1 240-441744/8 IC Client Sample ID: _____

Date Analyzed: 07/08/20 17:13 Lab File ID: P10070808.D GC Column: CLP-1 (0.53mm ID: 0.53 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1262		Unspecified		
PCB-1232 Peak 3	4.18	Baseline Smoothing	hassl	07/09/20 05:13
PCB-1232 Peak 4	4.35	Baseline Smoothing	hassl	07/09/20 05:13
PCB-1232 Peak 5	4.66	Baseline Smoothing	hassl	07/09/20 05:13
PCB-1262 Peak 1	6.13	Baseline Smoothing	hassl	07/09/20 05:13
PCB-1262 Peak 2	6.76	Baseline Smoothing	hassl	07/09/20 05:13
PCB-1262 Peak 3	6.98	Baseline Smoothing	hassl	07/09/20 05:13
PCB-1262 Peak 4	7.26	Baseline Smoothing	hassl	07/09/20 05:13
PCB-1262 Peak 5	7.55	Baseline Smoothing	hassl	07/09/20 05:13

Lab Sample ID: STD1 240-441744/8 IC Client Sample ID: _____

Date Analyzed: 07/08/20 17:13 Lab File ID: P10070808.D GC Column: CLP-2 (0.53mm ID: 0.53 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1232 Peak 2	4.53	Baseline Smoothing	hassl	07/09/20 05:13
PCB-1232 Peak 3	5.09	Baseline Smoothing	hassl	07/09/20 05:13
PCB-1232 Peak 4	5.24	Baseline Smoothing	hassl	07/09/20 05:13

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1

SDG No.: Waste Char

Instrument ID: A2HP10 Analysis Batch Number: 441744

Lab Sample ID: STD15 240-441744/9 IC Client Sample ID: _____

Date Analyzed: 07/08/20 17:29 Lab File ID: P10070809.D GC Column: CLP-1 (0.53mm ID: 0.53 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1262		Unspecified		
PCB-1232 Peak 3	4.18	Baseline Smoothing	hassl	07/09/20 05:13
PCB-1232 Peak 4	4.35	Baseline Smoothing	hassl	07/09/20 05:13
PCB-1232 Peak 5	4.66	Baseline Smoothing	hassl	07/09/20 05:13
PCB-1262 Peak 1	6.13	Baseline Smoothing	hassl	07/09/20 05:13
PCB-1262 Peak 2	6.77	Baseline Smoothing	hassl	07/09/20 05:13
PCB-1262 Peak 3	6.98	Baseline Smoothing	hassl	07/09/20 05:13
PCB-1262 Peak 4	7.26	Baseline Smoothing	hassl	07/09/20 05:13
PCB-1262 Peak 5	7.55	Baseline Smoothing	hassl	07/09/20 05:13

Lab Sample ID: STD1 240-441744/14 IC Client Sample ID: _____

Date Analyzed: 07/08/20 18:49 Lab File ID: P10070814.D GC Column: CLP-2 (0.53mm ID: 0.53 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1242 Peak 3	5.09	Baseline Smoothing	hassl	07/09/20 05:13
PCB-1242 Peak 4	5.24	Baseline Smoothing	hassl	07/09/20 05:13
PCB-1242 Peak 5	5.51	Baseline Smoothing	hassl	07/09/20 05:13

Lab Sample ID: STD15 240-441744/15 IC Client Sample ID: _____

Date Analyzed: 07/08/20 19:05 Lab File ID: P10070815.D GC Column: CLP-1 (0.53mm ID: 0.53 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1242 Peak 3	4.18	Baseline Smoothing	hassl	07/09/20 05:14
PCB-1242 Peak 4	4.35	Baseline Smoothing	hassl	07/09/20 05:14
PCB-1242 Peak 5	4.66	Baseline Smoothing	hassl	07/09/20 05:14

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1

SDG No.: Waste Char

Instrument ID: A2HP10 Analysis Batch Number: 441744

Lab Sample ID: STD005 240-441744/16 IC Client Sample ID: _____

Date Analyzed: 07/08/20 19:21 Lab File ID: P10070816.D GC Column: CLP-1 (0.53mm ID: 0.53 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1248		Unspecified		
PCB-1248 Peak 1	3.53	Split Peak	hassl	07/09/20 07:20

Lab Sample ID: ICV 240-441744/39 Client Sample ID: _____

Date Analyzed: 07/09/20 01:29 Lab File ID: P10070839.D GC Column: CLP-1 (0.53mm ID: 0.53 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1016 Peak 2	3.53	Baseline Smoothing	hassl	07/09/20 05:16
PCB-1016 Peak 3	4.18	Baseline Smoothing	hassl	07/09/20 05:16
PCB-1016 Peak 4	4.35	Baseline Smoothing	hassl	07/09/20 05:16
PCB-1016 Peak 5	4.66	Baseline Smoothing	hassl	07/09/20 05:16

Lab Sample ID: ICV 240-441744/39 Client Sample ID: _____

Date Analyzed: 07/09/20 01:29 Lab File ID: P10070839.D GC Column: CLP-2 (0.53mm ID: 0.53 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1016 Peak 2	4.53	Baseline Smoothing	hassl	07/09/20 05:16
PCB-1016 Peak 3	5.08	Baseline Smoothing	hassl	07/09/20 05:16
PCB-1016 Peak 4	5.24	Baseline Smoothing	hassl	07/09/20 05:16
PCB-1016 Peak 5	5.51	Baseline Smoothing	hassl	07/09/20 05:16

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1

SDG No.: Waste Char

Instrument ID: A2HP10 Analysis Batch Number: 446046

Lab Sample ID: CCV 240-446046/5 Client Sample ID: _____

Date Analyzed: 08/07/20 07:54 Lab File ID: P10080705.D GC Column: CLP-1 (0.53mm ID: 0.53 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1242 Peak 2	3.42	Baseline Smoothing	coastc	08/07/20 08:10
PCB-1242 Peak 3	4.08	Baseline Smoothing	coastc	08/07/20 08:10
PCB-1242 Peak 4	4.26	Baseline Smoothing	coastc	08/07/20 08:10
PCB-1242 Peak 5	4.57	Baseline Smoothing	coastc	08/07/20 08:10

Lab Sample ID: 240-134314-2 Client Sample ID: _____

Date Analyzed: 08/07/20 09:30 Lab File ID: P10080711.D GC Column: CLP-1 (0.53mm ID: 0.53 (mm))

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1-Bromo-2-nitrobenzene	1.45	Incomplete Integration	coastc	08/07/20 10:03

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1

SDG No.: Waste Char

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
ex10PPMSPK_00052	12/11/20	06/11/20	MEOH, Lot 0000230446	1000 mL	ex1016/1260st_00018	10 mL	Aroclor-1016	10 ug/mL
.ex1016/1260st_00018	10/31/25		Restek, Lot A0150739		(Purchased Reagent)		Aroclor-1260	10 ug/mL
							Aroclor-1016	1000 ug/mL
							Aroclor-1260	1000 ug/mL
ex2/.2SURRW_00144	01/29/21	07/29/20	MEOH, Lot 0000230446	2000 mL	exPESTSURRstd_00023	2 mL	DCB Decachlorobiphenyl	0.2 ug/mL
.exPESTSURRstd_00023	07/31/26		Restek, Lot A0159865		(Purchased Reagent)		Tetrachloro-m-xylene	0.2 ug/mL
							DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
EXpH(0-14)_00037	07/27/21		Merck, Lot HC911298		(Purchased Reagent)		pH at time of analysis	1 No Unit
EXTCLPFILTERS_00056	01/16/24		Whatman, Lot 17102340		(Purchased Reagent)		Prep Analyte	100 Filter
EXTCLPHClW_00074	01/30/22		Ricca, Lot 4001E65		(Purchased Reagent)		Hydrogen Chloride	1 N
EXTCLPPlastic_00023	11/22/20		Qorpak, Lot CPOPR2077897		(Purchased Reagent)		Prep Analyte	100 NONE
ICPCCV_00033	01/21/21	07/21/20	DIWATER, Lot DIWATER	2000 mL	MTAG 00014	2 mL	Silver	1000 ug/L
					MTICP/ICPMS_00020	40 mL	Arsenic	2000 ug/L
							Barium	2000 ug/L
							Cadmium	2000 ug/L
							Chromium	2000 ug/L
							Lead	2000 ug/L
							Selenium	2000 ug/L
.MTAG 00014	07/16/21		CPI, Lot 1026960-10		(Purchased Reagent)		Silver	1000 ug/mL
.MTICP/ICPMS_00020	09/27/21		CPI, Lot 1068140-1		(Purchased Reagent)		Arsenic	100 mg/L
							Barium	100 mg/L
							Cadmium	100 mg/L
							Chromium	100 mg/L
							Lead	100 mg/L
							Selenium	100 mg/L
ICPICSAB_00004	09/20/20	05/11/20	DIWATER, Lot DIWATER	1000 mL	ICPICSA_00002	100 mL	Al	500 mg/L
							Ca	500 mg/L
							Fe	200 mg/L
							Mg	500 mg/L
					ICPICSABsol1_00001	10 mL	Mo	1 mg/L
							Sb	1 mg/L
							Si	10 mg/L
							Sn	1 mg/L
							Ti	1 mg/L
					ICPICSABsol2_00001	10 mL	Arsenic	1 mg/L
							B	10 mg/L
							Barium	1 mg/L
							Be	0.5 mg/L
							Cadmium	1 mg/L
							Chromium	1 mg/L
							Co	1 mg/L
							Cu	1 mg/L
							K	10 mg/L
							Lead	1 mg/L

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1

SDG No.: Waste Char

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Mn	1 mg/L
							Na	10 mg/L
							Ni	1 mg/L
							Selenium	1 mg/L
							Silver	1 mg/L
							Sr	1 mg/L
							Tl	1 mg/L
							V	1 mg/L
							Zn	1 mg/L
					MTLI_00011	0.5 mL	Li	0.5 mg/L
.ICPICSA_00002	03/30/21		CPI, Lot 1025879-1		(Purchased Reagent)		Al	5000 ug/mL
							Ca	5000 ug/mL
							Fe	2000 ug/mL
							Mg	5000 ug/mL
.ICPICSABsol1_00001	12/25/20		CPI, Lot 992184-1		(Purchased Reagent)		Mo	100 mg/L
							Sb	100 mg/L
							Si	1000 mg/L
							Sn	100 mg/L
							Ti	100 mg/L
.ICPICSABsol2_00001	12/25/20		CPI, Lot 992185-1		(Purchased Reagent)		Arsenic	100 mg/L
							B	1000 mg/L
							Barium	100 mg/L
							Be	50 mg/L
							Cadmium	100 mg/L
							Chromium	100 mg/L
							Co	100 mg/L
							Cu	100 mg/L
							K	1000 mg/L
							Lead	100 mg/L
							Mn	100 mg/L
							Na	1000 mg/L
							Ni	100 mg/L
							Selenium	100 mg/L
							Silver	100 mg/L
							Sr	100 mg/L
							Tl	100 mg/L
							V	100 mg/L
							Zn	100 mg/L
.MTLI_00011	09/20/20		CPI, Lot 751942-43		(Purchased Reagent)		Li	1000 ug/mL
ICPICV_00022	01/21/21	07/21/20	DIWATER, Lot DIWATER	1000 mL	MTAG_00010	1 mL	Silver	1000 ug/L
					MTICP/ICPMS_00007	20 mL	Arsenic	2000 ug/L
							Barium	2000 ug/L
							Cadmium	2000 ug/L
							Chromium	2000 ug/L
							Lead	2000 ug/L
							Selenium	2000 ug/L
.MTAG_00010	09/11/20		CPI, Lot 711054039C-1		(Purchased Reagent)		Silver	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1

SDG No.: Waste Char

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
.MTICP/ICPMS_00007	09/11/20		CPI, Lot 982733-2			(Purchased Reagent)	Arsenic	100 mg/L
							Barium	100 mg/L
							Cadmium	100 mg/L
							Chromium	100 mg/L
							Lead	100 mg/L
							Selenium	100 mg/L
ICPspike3_00013	10/15/20	07/14/20	DIWATER, Lot DIWATER	500 mL	B 10000PPM 00001	5 mL	B	100000 ug/L
					MTAG 00011	5 mL	Silver	10000 ug/L
					MTTMHNO3 00228	25 mL	Nitric acid	50000000 ug/L
					MTZN 00002	5 mL	Zn	100000 ug/L
					SB 10000PPM 00002	5 mL	Sb	100000 ug/L
.B 10000PPM 00001	10/25/20		CPI, Lot 999843-1			(Purchased Reagent)	B	10000 ug/mL
.MTAG 00011	12/25/20		CPI, Lot 975475-22			(Purchased Reagent)	Silver	1000 ug/mL
.MTTMHNO3 00228	07/02/22		Macron, Lot 0000250832			(Purchased Reagent)	Nitric acid	100 %
.MTZN 00002	10/15/20		CPI, Lot 166920-36			(Purchased Reagent)	Zn	10000 mg/L
.SB 10000PPM 00002	10/25/20		CPI, Lot 978317-2			(Purchased Reagent)	Sb	10000 ug/mL
K2S2O8_00119	07/28/22	07/28/20	DIWATER, Lot DIWATER	2.5 L	MTK2S208 00063	125 mL	Potassium persulfate	0.05 g/g
.MTK2S208_00063	04/02/26		Macron, Lot 0000236043			(Purchased Reagent)	Potassium persulfate	1 g/g
MT1to1HCL_00113	01/09/21	07/09/20	DIWATER, Lot DIWATER	2500 mL	MTTMHCL 00296	1250 mL	Hydrogen Chloride	0.5 mL/mL
.MTTMHCL 00296	06/29/22		JT Baker(Avantor), Lot 0000251602			(Purchased Reagent)	Hydrogen Chloride	100 %
MTH2S04_00090	07/23/22		Macron, Lot 0000243921			(Purchased Reagent)	Sulfuric acid	100 %
MTHGCALW_02453	08/04/20	08/04/20	DIWATER, Lot DIWATER	200 mL	MTHGCAL 00037	2 mL	Mercury	100 ug/L
					MTTMHNO3 00230	0.3 mL	Nitric acid	1500000 ug/L
.MTHGCAL 00037	01/31/21		High Purity Standards, Lot 1936401-500			(Purchased Reagent)	Mercury	10 ug/mL
.MTTMHNO3 00230	07/30/22		Macron, Lot 0000248842			(Purchased Reagent)	Nitric acid	100 %
MTHgICV_00001_00698	08/04/20	08/04/20	DIWATER, Lot DIWATER	100 mL	Hg-ICV 00004	1 mL	Mercury	0.1 ug/mL
					MTTMHNO3 00230	0.15 mL	Nitric acid	1500 ug/mL
.Hg-ICV 00004	05/31/21		Elemental Scientific, Lot 2013412-100			(Purchased Reagent)	Mercury	10 ug/mL
.MTTMHNO3 00230	07/30/22		Macron, Lot 0000248842			(Purchased Reagent)	Nitric acid	100 %
MTKMN04W_00230	07/20/22	07/20/20	DIWATER, Lot DIWATER	2.5 L	MTKMN04 00063	125 g	Potassium Permanganate	50000 mg/L
.MTKMN04 00063	06/04/25		Fisher, Lot 187467			(Purchased Reagent)	Potassium Permanganate	1 g/g
MTTMHNO3_00230	07/30/22		Macron, Lot 0000248842			(Purchased Reagent)	Nitric acid	100 %
MTTRCRIC_00086	12/29/20	06/29/20	DIWATER, Lot DIWATER	1000 mL	MTTRCRI6010C_00021	50 mL	Arsenic	15 ug/L
							Barium	200 ug/L
							Cadmium	5 ug/L
							Chromium	10 ug/L
							Lead	10 ug/L
							Selenium	20 ug/L
							Silver	10 ug/L
.MTTRCRI6010C_00021	04/24/21		Inorganic Ventures, Lot P2-MEB682085			(Purchased Reagent)	Arsenic	300 ug/L
							Barium	4000 ug/L
							Cadmium	100 ug/L
							Chromium	200 ug/L
							Lead	200 ug/L
							Selenium	400 ug/L

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1

SDG No.: Waste Char

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Silver	200 ug/L
MTTRICSAW_00052	01/14/21	07/14/20	DIWATER, Lot DIWATER	1000 mL	ICPICSA_00003	100 mL	Al	500000 ug/L
							Ca	500000 ug/L
							Fe	200000 ug/L
							Mg	500000 ug/L
.ICPICSA_00003	08/04/21		CPI, Lot 1051542-1		(Purchased Reagent)		Al	5000 ug/mL
							Ca	5000 ug/mL
							Fe	2000 ug/mL
							Mg	5000 ug/mL
SG1221ICV@.5_00005	10/14/20	04/14/20	hexane, Lot 4665997	10 mL	SGPCBIS STOCK_00015	0.05 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
.SGPCBIS STOCK_00015	11/19/20	11/19/19	HEXANE, Lot 4504899	50 mL	ISTD_00005	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00005	02/28/21		Restek, Lot A0132763		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG1221ICV@.5_00005	10/14/20	04/14/20	hexane, Lot 4665997	10 mL	SG1221ICV@100_00011	0.05 mL	Aroclor-1221	0.5 ug/mL
.SG1221ICV@100_00011	12/18/20	12/18/19	HEXANE, Lot 234722	10 mL	SG_1221_ICV_00016	1 mL	Aroclor-1221	100 ug/mL
..SG_1221_ICV_00016	09/30/23		restek, Lot a0128546		(Purchased Reagent)		Aroclor-1221	1000 ug/mL
SG1232ICV@.5_00003	10/07/20	04/07/20	HEXANE, Lot 234722	10 mL	SGPCBIS STOCK_00015	0.05 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
.SGPCBIS STOCK_00015	11/19/20	11/19/19	HEXANE, Lot 4504899	50 mL	ISTD_00005	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00005	02/28/21		Restek, Lot A0132763		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG1232ICV@.5_00003	10/07/20	04/07/20	HEXANE, Lot 234722	10 mL	SG1232ICV@100_00010	0.05 mL	Aroclor-1232	0.5 ug/mL
.SG1232ICV@100_00010	04/07/21	04/07/20	HEXANE, Lot 4665997	10 mL	SG_1232_ICV_00012	1 mL	Aroclor-1232	100 ug/mL
..SG_1232_ICV_00012	03/31/26		agilent, Lot CS-0560		(Purchased Reagent)		Aroclor-1232	1000 ug/mL
SG1242ICV@.5_00004	11/06/20	05/06/20	HEXANE, Lot 4665997	10 mL	SGPCBIS STOCK_00015	0.05 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
.SGPCBIS STOCK_00015	11/19/20	11/19/19	HEXANE, Lot 4504899	50 mL	ISTD_00005	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00005	02/28/21		Restek, Lot A0132763		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG1242ICV@.5_00004	11/06/20	05/06/20	HEXANE, Lot 4665997	10 mL	SG1242ICV@100_00012	0.05 mL	Aroclor-1242	0.5 ug/mL
.SG1242ICV@100_00012	05/06/21	05/06/20	HEXANE, Lot 4665997	10 mL	SG_1242_ICV_00011	1 mL	Aroclor-1242	100 ug/mL
..SG_1242_ICV_00011	07/31/25		ULTRA SCIENTIFIC, Lot CR-2838		(Purchased Reagent)		Aroclor-1242	1000 ug/mL
SG1248@.05ppm_00029	10/23/20	04/23/20	HEXANE, Lot 4665997	50 mL	SG1248@10ppm_00015	0.25 mL	PCB-1248 Peak 1	0.05 ug/mL
							PCB-1248 Peak 2	0.05 ug/mL
							PCB-1248 Peak 3	0.05 ug/mL
							PCB-1248 Peak 4	0.05 ug/mL
							PCB-1248 Peak 5	0.05 ug/mL
.SG1248@10ppm_00015	04/03/21	04/03/20	Hexane, Lot 4665997	100 mL	SGPCBIS STOCK_00015	0.25 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
					SG1248_00008	1 mL	PCB-1248 Peak 1	10 ug/mL
							PCB-1248 Peak 2	10 ug/mL
							PCB-1248 Peak 3	10 ug/mL
							PCB-1248 Peak 4	10 ug/mL
							PCB-1248 Peak 5	10 ug/mL
..SG1248_00008	12/15/22		Restek, Lot A0121842		(Purchased Reagent)		PCB-1248 Peak 1	1000 ug/mL
							PCB-1248 Peak 2	1000 ug/mL
							PCB-1248 Peak 3	1000 ug/mL
							PCB-1248 Peak 4	1000 ug/mL
							PCB-1248 Peak 5	1000 ug/mL
.SGPCBIS STOCK_00015	11/19/20	11/19/19	HEXANE, Lot 4504899	50 mL	ISTD_00005	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00005	02/28/21		Restek, Lot A0132763		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG1248@0.1PPM_00032	10/23/20	04/23/20	HEXANE, Lot 4665997	50 mL	SG1248@10ppm_00015	0.5 mL	PCB-1248 Peak 1	0.1 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1

SDG No.: Waste Char

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1248 Peak 2	0.1 ug/mL
							PCB-1248 Peak 3	0.1 ug/mL
							PCB-1248 Peak 4	0.1 ug/mL
							PCB-1248 Peak 5	0.1 ug/mL
					SGPCBIS STOCK 00015	0.25 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
.SG1248@10ppm_00015	04/03/21	04/03/20	Hexane, Lot 4665997	100 mL	SG1248_00008	1 mL	PCB-1248 Peak 1	10 ug/mL
							PCB-1248 Peak 2	10 ug/mL
							PCB-1248 Peak 3	10 ug/mL
							PCB-1248 Peak 4	10 ug/mL
							PCB-1248 Peak 5	10 ug/mL
..SG1248_00008	12/15/22		Restek, Lot A0121842				(Purchased Reagent)	
							PCB-1248 Peak 1	1000 ug/mL
							PCB-1248 Peak 2	1000 ug/mL
							PCB-1248 Peak 3	1000 ug/mL
							PCB-1248 Peak 4	1000 ug/mL
							PCB-1248 Peak 5	1000 ug/mL
.SGPCBIS STOCK 00015	11/19/20	11/19/19	HEXANE, Lot 4504899	50 mL	ISTD_00005	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD 00005	02/28/21		Restek, Lot A0132763				(Purchased Reagent)	
							1-Bromo-2-nitrobenzene	1000 ug/mL
SG1248@0.2ppm_00028	10/23/20	04/23/20	HEXANE, Lot 4665997	50 mL	SG1248@10ppm_00015	1 mL	PCB-1248 Peak 1	0.2 ug/mL
							PCB-1248 Peak 2	0.2 ug/mL
							PCB-1248 Peak 3	0.2 ug/mL
							PCB-1248 Peak 4	0.2 ug/mL
							PCB-1248 Peak 5	0.2 ug/mL
					SGPCBIS STOCK 00015	0.25 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
.SG1248@10ppm_00015	04/03/21	04/03/20	Hexane, Lot 4665997	100 mL	SG1248_00008	1 mL	PCB-1248 Peak 1	10 ug/mL
							PCB-1248 Peak 2	10 ug/mL
							PCB-1248 Peak 3	10 ug/mL
							PCB-1248 Peak 4	10 ug/mL
							PCB-1248 Peak 5	10 ug/mL
..SG1248_00008	12/15/22		Restek, Lot A0121842				(Purchased Reagent)	
							PCB-1248 Peak 1	1000 ug/mL
							PCB-1248 Peak 2	1000 ug/mL
							PCB-1248 Peak 3	1000 ug/mL
							PCB-1248 Peak 4	1000 ug/mL
							PCB-1248 Peak 5	1000 ug/mL
.SGPCBIS STOCK 00015	11/19/20	11/19/19	HEXANE, Lot 4504899	50 mL	ISTD_00005	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00005	02/28/21		Restek, Lot A0132763				(Purchased Reagent)	
							1-Bromo-2-nitrobenzene	1000 ug/mL
SG1248@0.5ppm_00046	11/19/20	06/05/20	HEXANE, Lot 4665997	100 mL	SG1248@10ppm_00015	5 mL	PCB-1248 Peak 1	0.5 ug/mL
							PCB-1248 Peak 2	0.5 ug/mL
							PCB-1248 Peak 3	0.5 ug/mL
							PCB-1248 Peak 4	0.5 ug/mL
							PCB-1248 Peak 5	0.5 ug/mL
					SGPCBIS STOCK 00015	0.5 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
.SG1248@10ppm_00015	04/03/21	04/03/20	Hexane, Lot 4665997	100 mL	SG1248_00008	1 mL	PCB-1248 Peak 1	10 ug/mL
							PCB-1248 Peak 2	10 ug/mL
							PCB-1248 Peak 3	10 ug/mL
							PCB-1248 Peak 4	10 ug/mL
							PCB-1248 Peak 5	10 ug/mL
..SG1248_00008	12/15/22		Restek, Lot A0121842				(Purchased Reagent)	
							PCB-1248 Peak 1	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Canton

Job No.: 240-134314-1

SDG No.: Waste Char

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration	
					Reagent ID	Volume Added			
							PCB-1248 Peak 2	1000 ug/mL	
							PCB-1248 Peak 3	1000 ug/mL	
							PCB-1248 Peak 4	1000 ug/mL	
							PCB-1248 Peak 5	1000 ug/mL	
.SGPCBIS STOCK 00015	11/19/20	11/19/19	HEXANE, Lot 4504899	50 mL	ISTD 00005	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL	
..ISTD 00005	02/28/21		Restek, Lot A0132763				(Purchased Reagent)	1-Bromo-2-nitrobenzene	1000 ug/mL
SG1248@0.5ppm_00047	11/19/20	06/25/20	HEXANE, Lot 4665997	100 mL	SGPCBIS STOCK_00015	0.5 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL	
.SGPCBIS STOCK 00015	11/19/20	11/19/19	HEXANE, Lot 4504899	50 mL	ISTD 00005	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL	
..ISTD 00005	02/28/21		Restek, Lot A0132763				(Purchased Reagent)	1-Bromo-2-nitrobenzene	1000 ug/mL
SG1248@0.5ppm_00047	11/19/20	06/25/20	HEXANE, Lot 4665997	100 mL	SG1248@10ppm_00015	5 mL	Aroclor-1248	0.5 ug/mL	
							PCB-1248 Peak 1	0.5 ug/mL	
							PCB-1248 Peak 2	0.5 ug/mL	
							PCB-1248 Peak 3	0.5 ug/mL	
							PCB-1248 Peak 4	0.5 ug/mL	
							PCB-1248 Peak 5	0.5 ug/mL	
.SG1248@10ppm_00015	04/03/21	04/03/20	Hexane, Lot 4665997	100 mL	SG1248_00008	1 mL	Aroclor-1248	10 ug/mL	
							PCB-1248 Peak 1	10 ug/mL	
							PCB-1248 Peak 2	10 ug/mL	
							PCB-1248 Peak 3	10 ug/mL	
							PCB-1248 Peak 4	10 ug/mL	
							PCB-1248 Peak 5	10 ug/mL	
..SG1248_00008	12/15/22		Restek, Lot A0121842				(Purchased Reagent)	Aroclor-1248	1000 ug/mL
								PCB-1248 Peak 1	1000 ug/mL
								PCB-1248 Peak 2	1000 ug/mL
								PCB-1248 Peak 3	1000 ug/mL
								PCB-1248 Peak 4	1000 ug/mL
								PCB-1248 Peak 5	1000 ug/mL
SG1248@1.0ppm_00034	10/23/20	04/23/20	HEXANE, Lot 4665997	50 mL	SG1248@10ppm_00015	5 mL	PCB-1248 Peak 1	1 ug/mL	
							PCB-1248 Peak 2	1 ug/mL	
							PCB-1248 Peak 3	1 ug/mL	
							PCB-1248 Peak 4	1 ug/mL	
							PCB-1248 Peak 5	1 ug/mL	
					SGPCBIS STOCK 00015	0.25 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL	
.SG1248@10ppm_00015	04/03/21	04/03/20	Hexane, Lot 4665997	100 mL	SG1248_00008	1 mL	PCB-1248 Peak 1	10 ug/mL	
							PCB-1248 Peak 2	10 ug/mL	
							PCB-1248 Peak 3	10 ug/mL	
							PCB-1248 Peak 4	10 ug/mL	
							PCB-1248 Peak 5	10 ug/mL	
..SG1248_00008	12/15/22		Restek, Lot A0121842				(Purchased Reagent)	PCB-1248 Peak 1	1000 ug/mL
								PCB-1248 Peak 2	1000 ug/mL
								PCB-1248 Peak 3	1000 ug/mL
								PCB-1248 Peak 4	1000 ug/mL
								PCB-1248 Peak 5	1000 ug/mL
.SGPCBIS STOCK 00015	11/19/20	11/19/19	HEXANE, Lot 4504899	50 mL	ISTD 00005	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL	
..ISTD 00005	02/28/21		Restek, Lot A0132763				(Purchased Reagent)	1-Bromo-2-nitrobenzene	1000 ug/mL
SG1248@1.5ppm_00008	10/23/20	04/23/20	HEXANE, Lot 4665997	50 mL	SG1248@10ppm_00015	7.5 mL	PCB-1248 Peak 1	1.5 ug/mL	
							PCB-1248 Peak 2	1.5 ug/mL	

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Canton

Job No.: 240-134314-1

SDG No.: Waste Char

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1248 Peak 3	1.5 ug/mL
							PCB-1248 Peak 4	1.5 ug/mL
							PCB-1248 Peak 5	1.5 ug/mL
.SG1248@10ppm_00015	04/03/21	04/03/20	Hexane, Lot 4665997	100 mL	SGPCBIS STOCK_00015	0.25 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
					SG1248_00008	1 mL	PCB-1248 Peak 1	10 ug/mL
							PCB-1248 Peak 2	10 ug/mL
							PCB-1248 Peak 3	10 ug/mL
							PCB-1248 Peak 4	10 ug/mL
							PCB-1248 Peak 5	10 ug/mL
..SG1248_00008	12/15/22		Restek, Lot A0121842			(Purchased Reagent)	PCB-1248 Peak 1	1000 ug/mL
							PCB-1248 Peak 2	1000 ug/mL
							PCB-1248 Peak 3	1000 ug/mL
							PCB-1248 Peak 4	1000 ug/mL
							PCB-1248 Peak 5	1000 ug/mL
.SGPCBIS STOCK_00015	11/19/20	11/19/19	HEXANE, Lot 4504899	50 mL	ISTD_00005	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00005	02/28/21		Restek, Lot A0132763			(Purchased Reagent)	1-Bromo-2-nitrobenzene	1000 ug/mL
SG1248ICV@.5_00004	10/14/20	04/14/20	HEXANE, Lot 4665997	10 mL	SGPCBIS STOCK_00015	0.05 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
.SGPCBIS STOCK_00015	11/19/20	11/19/19	HEXANE, Lot 4504899	50 mL	ISTD_00005	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00005	02/28/21		Restek, Lot A0132763			(Purchased Reagent)	1-Bromo-2-nitrobenzene	1000 ug/mL
SG1248ICV@.5_00004	10/14/20	04/14/20	HEXANE, Lot 4665997	10 mL	SG1248ICV@100_00012	0.05 mL	Aroclor-1248	0.5 ug/mL
.SG1248ICV@100_00012	12/15/20	12/15/19	HEXANE, Lot 234722	10 mL	SG_1248_ICV_00013	1 mL	Aroclor-1248	100 ug/mL
..SG_1248_ICV_00013	04/30/23		restek, Lot a0124143			(Purchased Reagent)	Aroclor-1248	1000 ug/mL
SG1262ICV@.5_00005	11/05/20	05/05/20	HEXANE, Lot 4665997	10 mL	SGPCBIS STOCK_00015	0.05 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
.SGPCBIS STOCK_00015	11/19/20	11/19/19	HEXANE, Lot 4504899	50 mL	ISTD_00005	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00005	02/28/21		Restek, Lot A0132763			(Purchased Reagent)	1-Bromo-2-nitrobenzene	1000 ug/mL
SG1268ICV@0.5_00007	11/05/20	05/05/20	HEXANE, Lot 4665997	10 mL	SGPCBIS STOCK_00015	0.05 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
.SGPCBIS STOCK_00015	11/19/20	11/19/19	HEXANE, Lot 4504899	50 mL	ISTD_00005	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00005	02/28/21		Restek, Lot A0132763			(Purchased Reagent)	1-Bromo-2-nitrobenzene	1000 ug/mL
SG1660@.05PPM_00033	10/30/20	04/30/20	HEXANE, Lot 4665997	100 mL	SG1016/1260_00027	0.5 mL	PCB-1016 Peak 1	0.05 ug/mL
							PCB-1016 Peak 2	0.05 ug/mL
							PCB-1016 Peak 3	0.05 ug/mL
							PCB-1016 Peak 4	0.05 ug/mL
							PCB-1016 Peak 5	0.05 ug/mL
							PCB-1260 Peak 1	0.05 ug/mL
							PCB-1260 Peak 2	0.05 ug/mL
							PCB-1260 Peak 3	0.05 ug/mL
							PCB-1260 Peak 4	0.05 ug/mL
							PCB-1260 Peak 5	0.05 ug/mL
					SGPCBIS STOCK_00015	0.5 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
					SGPCGSURRSTK_00012	0.125 mL	DCB Decachlorobiphenyl	0.0025 ug/mL
							Tetrachloro-m-xylene	0.0025 ug/mL
.SG1016/1260_00027	04/09/21	04/09/20	HEXANE, Lot 4665997	100 mL	SG1016/1260MX_00012	1 mL	PCB-1016 Peak 1	10 ug/mL
							PCB-1016 Peak 2	10 ug/mL
							PCB-1016 Peak 3	10 ug/mL
							PCB-1016 Peak 4	10 ug/mL
							PCB-1016 Peak 5	10 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1

SDG No.: Waste Char

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1260 Peak 1	10 ug/mL
							PCB-1260 Peak 2	10 ug/mL
							PCB-1260 Peak 3	10 ug/mL
							PCB-1260 Peak 4	10 ug/mL
							PCB-1260 Peak 5	10 ug/mL
..SG1016/1260MX_00012	02/29/24		Restek, Lot A0132864			(Purchased Reagent)	PCB-1016 Peak 1	1000 ug/mL
							PCB-1016 Peak 2	1000 ug/mL
							PCB-1016 Peak 3	1000 ug/mL
							PCB-1016 Peak 4	1000 ug/mL
							PCB-1016 Peak 5	1000 ug/mL
							PCB-1260 Peak 1	1000 ug/mL
							PCB-1260 Peak 2	1000 ug/mL
							PCB-1260 Peak 3	1000 ug/mL
							PCB-1260 Peak 4	1000 ug/mL
							PCB-1260 Peak 5	1000 ug/mL
.SGPCBIS STOCK_00015	11/19/20	11/19/19	HEXANE, Lot 4504899	50 mL	ISTD_00005	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD 00005	02/28/21		Restek, Lot A0132763			(Purchased Reagent)	1-Bromo-2-nitrobenzene	1000 ug/mL
.SGPCGSURRSTK_00012	04/09/21	04/09/20	HEXANE, Lot 4665997	100 mL	SGPESTSURR_00010	1 mL	DCB Decachlorobiphenyl	2 ug/mL
							Tetrachloro-m-xylene	2 ug/mL
..SGPESTSURR_00010	06/22/22		Restek, Lot A0117947			(Purchased Reagent)	DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
SG1660@0.2ppm_00031	10/30/20	04/30/20	HEXANE, Lot 4665997	50 mL	SG1016/1260_00027	1 mL	PCB-1016 Peak 1	0.2 ug/mL
							PCB-1016 Peak 2	0.2 ug/mL
							PCB-1016 Peak 3	0.2 ug/mL
							PCB-1016 Peak 4	0.2 ug/mL
							PCB-1016 Peak 5	0.2 ug/mL
							PCB-1260 Peak 1	0.2 ug/mL
							PCB-1260 Peak 2	0.2 ug/mL
							PCB-1260 Peak 3	0.2 ug/mL
							PCB-1260 Peak 4	0.2 ug/mL
							PCB-1260 Peak 5	0.2 ug/mL
					SGPCBIS STOCK_00015	0.25 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
					SGPCGSURRSTK_00012	0.25 mL	DCB Decachlorobiphenyl	0.01 ug/mL
							Tetrachloro-m-xylene	0.01 ug/mL
.SG1016/1260_00027	04/09/21	04/09/20	HEXANE, Lot 4665997	100 mL	SG1016/1260MX_00012	1 mL	PCB-1016 Peak 1	10 ug/mL
							PCB-1016 Peak 2	10 ug/mL
							PCB-1016 Peak 3	10 ug/mL
							PCB-1016 Peak 4	10 ug/mL
							PCB-1016 Peak 5	10 ug/mL
							PCB-1260 Peak 1	10 ug/mL
							PCB-1260 Peak 2	10 ug/mL
							PCB-1260 Peak 3	10 ug/mL
							PCB-1260 Peak 4	10 ug/mL
							PCB-1260 Peak 5	10 ug/mL
..SG1016/1260MX_00012	02/29/24		Restek, Lot A0132864			(Purchased Reagent)	PCB-1016 Peak 1	1000 ug/mL
							PCB-1016 Peak 2	1000 ug/mL
							PCB-1016 Peak 3	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1

SDG No.: Waste Char

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1016 Peak 4	1000 ug/mL
							PCB-1016 Peak 5	1000 ug/mL
							PCB-1260 Peak 1	1000 ug/mL
							PCB-1260 Peak 2	1000 ug/mL
							PCB-1260 Peak 3	1000 ug/mL
							PCB-1260 Peak 4	1000 ug/mL
							PCB-1260 Peak 5	1000 ug/mL
.SGPCBIS STOCK_00015	11/19/20	11/19/19	HEXANE, Lot 4504899	50 mL	ISTD_00005	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD 00005	02/28/21		Restek, Lot A0132763		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
.SGPCGSURRSTK_00012	04/09/21	04/09/20	HEXANE, Lot 4665997	100 mL	SGPESTSURR_00010	1 mL	DCB Decachlorobiphenyl	2 ug/mL
..SGPESTSURR_00010	06/22/22		Restek, Lot A0117947		(Purchased Reagent)		Tetrachloro-m-xylene	2 ug/mL
							DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
SG1660@0.5PPM_00098	11/19/20	06/24/20	HEXANE, Lot 4665997	100 mL	SG1016/1260_00027	5 mL	PCB-1016 Peak 1	0.5 ug/mL
							PCB-1016 Peak 2	0.5 ug/mL
							PCB-1016 Peak 3	0.5 ug/mL
							PCB-1016 Peak 4	0.5 ug/mL
							PCB-1016 Peak 5	0.5 ug/mL
							PCB-1260 Peak 1	0.5 ug/mL
							PCB-1260 Peak 2	0.5 ug/mL
							PCB-1260 Peak 3	0.5 ug/mL
							PCB-1260 Peak 4	0.5 ug/mL
							PCB-1260 Peak 5	0.5 ug/mL
					SGPCBIS STOCK_00015	0.5 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
					SGPCGSURRSTK_00012	1.25 mL	DCB Decachlorobiphenyl	0.025 ug/mL
							Tetrachloro-m-xylene	0.025 ug/mL
.SG1016/1260_00027	04/09/21	04/09/20	HEXANE, Lot 4665997	100 mL	SG1016/1260MX_00012	1 mL	PCB-1016 Peak 1	10 ug/mL
							PCB-1016 Peak 2	10 ug/mL
							PCB-1016 Peak 3	10 ug/mL
							PCB-1016 Peak 4	10 ug/mL
							PCB-1016 Peak 5	10 ug/mL
							PCB-1260 Peak 1	10 ug/mL
							PCB-1260 Peak 2	10 ug/mL
							PCB-1260 Peak 3	10 ug/mL
							PCB-1260 Peak 4	10 ug/mL
							PCB-1260 Peak 5	10 ug/mL
..SG1016/1260MX_00012	02/29/24		Restek, Lot A0132864		(Purchased Reagent)		PCB-1016 Peak 1	1000 ug/mL
							PCB-1016 Peak 2	1000 ug/mL
							PCB-1016 Peak 3	1000 ug/mL
							PCB-1016 Peak 4	1000 ug/mL
							PCB-1016 Peak 5	1000 ug/mL
							PCB-1260 Peak 1	1000 ug/mL
							PCB-1260 Peak 2	1000 ug/mL
							PCB-1260 Peak 3	1000 ug/mL
							PCB-1260 Peak 4	1000 ug/mL
							PCB-1260 Peak 5	1000 ug/mL
.SGPCBIS STOCK_00015	11/19/20	11/19/19	HEXANE, Lot 4504899	50 mL	ISTD_00005	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1

SDG No.: Waste Char

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..SGPESTSURR_00010	06/22/22		Restek, Lot A0117947			(Purchased Reagent)	Tetrachloro-m-xylene	2 ug/mL
							DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
SG1660@1.5PPM_00009	10/30/20	04/30/20	HEXANE, Lot 4665997	50 mL	SG1016/1260_00027	7.5 mL	PCB-1016 Peak 1	1.5 ug/mL
							PCB-1016 Peak 2	1.5 ug/mL
							PCB-1016 Peak 3	1.5 ug/mL
							PCB-1016 Peak 4	1.5 ug/mL
							PCB-1016 Peak 5	1.5 ug/mL
							PCB-1260 Peak 1	1.5 ug/mL
							PCB-1260 Peak 2	1.5 ug/mL
							PCB-1260 Peak 3	1.5 ug/mL
							PCB-1260 Peak 4	1.5 ug/mL
							PCB-1260 Peak 5	1.5 ug/mL
					SGPCBIS STOCK_00015	0.25 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
					SGPCGSURRSTK_00012	2.5 mL	DCB Decachlorobiphenyl	0.1 ug/mL
							Tetrachloro-m-xylene	0.1 ug/mL
..SG1016/1260_00027	04/09/21	04/09/20	HEXANE, Lot 4665997	100 mL	SG1016/1260MX_00012	1 mL	PCB-1016 Peak 1	10 ug/mL
							PCB-1016 Peak 2	10 ug/mL
							PCB-1016 Peak 3	10 ug/mL
							PCB-1016 Peak 4	10 ug/mL
							PCB-1016 Peak 5	10 ug/mL
							PCB-1260 Peak 1	10 ug/mL
							PCB-1260 Peak 2	10 ug/mL
							PCB-1260 Peak 3	10 ug/mL
							PCB-1260 Peak 4	10 ug/mL
							PCB-1260 Peak 5	10 ug/mL
..SG1016/1260MX_00012	02/29/24		Restek, Lot A0132864			(Purchased Reagent)	PCB-1016 Peak 1	1000 ug/mL
							PCB-1016 Peak 2	1000 ug/mL
							PCB-1016 Peak 3	1000 ug/mL
							PCB-1016 Peak 4	1000 ug/mL
							PCB-1016 Peak 5	1000 ug/mL
							PCB-1260 Peak 1	1000 ug/mL
							PCB-1260 Peak 2	1000 ug/mL
							PCB-1260 Peak 3	1000 ug/mL
							PCB-1260 Peak 4	1000 ug/mL
							PCB-1260 Peak 5	1000 ug/mL
..SGPCBIS STOCK_00015	11/19/20	11/19/19	HEXANE, Lot 4504899	50 mL	ISTD_00005	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00005	02/28/21		Restek, Lot A0132763			(Purchased Reagent)	1-Bromo-2-nitrobenzene	1000 ug/mL
..SGPCGSURRSTK_00012	04/09/21	04/09/20	HEXANE, Lot 4665997	100 mL	SGPESTSURR_00010	1 mL	DCB Decachlorobiphenyl	2 ug/mL
							Tetrachloro-m-xylene	2 ug/mL
..SGPESTSURR_00010	06/22/22		Restek, Lot A0117947			(Purchased Reagent)	DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
SG1660ICV@.5_00009	11/06/20	05/06/20	HEXANE, Lot 234722	10 mL	SGPCBIS STOCK_00015	0.05 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
..SGPCBIS STOCK_00015	11/19/20	11/19/19	HEXANE, Lot 4504899	50 mL	ISTD_00005	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00005	02/28/21		Restek, Lot A0132763			(Purchased Reagent)	1-Bromo-2-nitrobenzene	1000 ug/mL
SG1660ICV@.5_00009	11/06/20	05/06/20	HEXANE, Lot 234722	10 mL	SG1660ICV@100_00022	0.05 mL	Aroclor-1016	0.5 ug/mL
							Aroclor-1260	0.5 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1

SDG No.: Waste Char

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
.SG1660ICV@100_00022	05/06/21	05/06/20	HEXANE, Lot 4665997	10 mL	SG 1660 ICV_00019	1 mL	Aroclor-1016	100 ug/mL
..SG 1660 ICV_00019	02/28/25		restek, Lot a0143130		(Purchased Reagent)		Aroclor-1016	1000 ug/mL
							Aroclor-1260	1000 ug/mL
SG1660STD@0.1_00028	10/30/20	04/30/20	HEXANE, Lot 4665997	50 mL	SG1016/1260_00027	0.5 mL	PCB-1016 Peak 1	0.1 ug/mL
							PCB-1016 Peak 2	0.1 ug/mL
							PCB-1016 Peak 3	0.1 ug/mL
							PCB-1016 Peak 4	0.1 ug/mL
							PCB-1016 Peak 5	0.1 ug/mL
							PCB-1260 Peak 1	0.1 ug/mL
							PCB-1260 Peak 2	0.1 ug/mL
							PCB-1260 Peak 3	0.1 ug/mL
							PCB-1260 Peak 4	0.1 ug/mL
							PCB-1260 Peak 5	0.1 ug/mL
					SGPCBIS STOCk 00015	0.25 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
					SGPCGSURRSTK_00012	0.125 mL	DCB Decachlorobiphenyl	0.005 ug/mL
							Tetrachloro-m-xylene	0.005 ug/mL
.SG1016/1260_00027	04/09/21	04/09/20	HEXANE, Lot 4665997	100 mL	SG1016/1260MX_00012	1 mL	PCB-1016 Peak 1	10 ug/mL
							PCB-1016 Peak 2	10 ug/mL
							PCB-1016 Peak 3	10 ug/mL
							PCB-1016 Peak 4	10 ug/mL
							PCB-1016 Peak 5	10 ug/mL
							PCB-1260 Peak 1	10 ug/mL
							PCB-1260 Peak 2	10 ug/mL
							PCB-1260 Peak 3	10 ug/mL
							PCB-1260 Peak 4	10 ug/mL
							PCB-1260 Peak 5	10 ug/mL
..SG1016/1260MX_00012	02/29/24		Restek, Lot A0132864		(Purchased Reagent)		PCB-1016 Peak 1	1000 ug/mL
							PCB-1016 Peak 2	1000 ug/mL
							PCB-1016 Peak 3	1000 ug/mL
							PCB-1016 Peak 4	1000 ug/mL
							PCB-1016 Peak 5	1000 ug/mL
							PCB-1260 Peak 1	1000 ug/mL
							PCB-1260 Peak 2	1000 ug/mL
							PCB-1260 Peak 3	1000 ug/mL
							PCB-1260 Peak 4	1000 ug/mL
							PCB-1260 Peak 5	1000 ug/mL
.SGPCBIS STOCk 00015	11/19/20	11/19/19	HEXANE, Lot 4504899	50 mL	ISTD 00005	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD 00005	02/28/21		Restek, Lot A0132763		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
.SGPCGSURRSTK_00012	04/09/21	04/09/20	HEXANE, Lot 4665997	100 mL	SGPESTSURR_00010	1 mL	DCB Decachlorobiphenyl	2 ug/mL
							Tetrachloro-m-xylene	2 ug/mL
..SGPESTSURR_00010	06/22/22		Restek, Lot A0117947		(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
SG2154@0.05PP_00024	10/28/20	04/28/20	HEXANE, Lot 4665997	50 mL	SG2154@10ppm_00016	0.25 mL	PCB-1221 Peak 1	0.05 ug/mL
							PCB-1221 Peak 2	0.05 ug/mL
							PCB-1221 Peak 3	0.05 ug/mL
							PCB-1254 Peak 1	0.05 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Canton

Job No.: 240-134314-1

SDG No.: Waste Char

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1254 Peak 2	0.05 ug/mL
							PCB-1254 Peak 3	0.05 ug/mL
							PCB-1254 Peak 4	0.05 ug/mL
							PCB-1254 Peak 5	0.05 ug/mL
					SGPCBIS STOCK 00015	0.25 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
.SG2154@10ppm_00016	04/07/21	04/07/20	HEXANE, Lot 4665997	100 mL	SG1221/1254_00004	1 mL	PCB-1221 Peak 1	10 ug/mL
							PCB-1221 Peak 2	10 ug/mL
							PCB-1221 Peak 3	10 ug/mL
							PCB-1254 Peak 1	10 ug/mL
							PCB-1254 Peak 2	10 ug/mL
							PCB-1254 Peak 3	10 ug/mL
							PCB-1254 Peak 4	10 ug/mL
							PCB-1254 Peak 5	10 ug/mL
..SG1221/1254_00004	02/28/22		restek, Lot a0115555				(Purchased Reagent)	
							PCB-1221 Peak 1	1000 ug/mL
							PCB-1221 Peak 2	1000 ug/mL
							PCB-1221 Peak 3	1000 ug/mL
							PCB-1254 Peak 1	1000 ug/mL
							PCB-1254 Peak 2	1000 ug/mL
							PCB-1254 Peak 3	1000 ug/mL
							PCB-1254 Peak 4	1000 ug/mL
							PCB-1254 Peak 5	1000 ug/mL
.SGPCBIS STOCK 00015	11/19/20	11/19/19	HEXANE, Lot 4504899	50 mL	ISTD_00005	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD 00005	02/28/21		Restek, Lot A0132763				(Purchased Reagent)	
							1-Bromo-2-nitrobenzene	1000 ug/mL
SG2154@0.2PPM_00025	10/28/20	04/28/20	HEXANE, Lot 4665997	50 mL	SG2154@10ppm_00016	1 mL	PCB-1221 Peak 1	0.2 ug/mL
							PCB-1221 Peak 2	0.2 ug/mL
							PCB-1221 Peak 3	0.2 ug/mL
							PCB-1254 Peak 1	0.2 ug/mL
							PCB-1254 Peak 2	0.2 ug/mL
							PCB-1254 Peak 3	0.2 ug/mL
							PCB-1254 Peak 4	0.2 ug/mL
							PCB-1254 Peak 5	0.2 ug/mL
					SGPCBIS STOCK 00015	0.25 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
.SG2154@10ppm_00016	04/07/21	04/07/20	HEXANE, Lot 4665997	100 mL	SG1221/1254_00004	1 mL	PCB-1221 Peak 1	10 ug/mL
							PCB-1221 Peak 2	10 ug/mL
							PCB-1221 Peak 3	10 ug/mL
							PCB-1254 Peak 1	10 ug/mL
							PCB-1254 Peak 2	10 ug/mL
							PCB-1254 Peak 3	10 ug/mL
							PCB-1254 Peak 4	10 ug/mL
							PCB-1254 Peak 5	10 ug/mL
..SG1221/1254_00004	02/28/22		restek, Lot a0115555				(Purchased Reagent)	
							PCB-1221 Peak 1	1000 ug/mL
							PCB-1221 Peak 2	1000 ug/mL
							PCB-1221 Peak 3	1000 ug/mL
							PCB-1254 Peak 1	1000 ug/mL
							PCB-1254 Peak 2	1000 ug/mL
							PCB-1254 Peak 3	1000 ug/mL
							PCB-1254 Peak 4	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1

SDG No.: Waste Char

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
.SGPCBIS STOCK_00015	11/19/20	11/19/19	HEXANE, Lot 4504899	50 mL	ISTD_00005	0.5 mL	PCB-1254 Peak 5	1000 ug/mL
..ISTD 00005	02/28/21		Restek, Lot A0132763		(Purchased Reagent)		1-Bromo-2-nitrobenzene	10 ug/mL
SG2154@0.5PPM_00051	10/07/20	04/07/20	HEXANE, Lot 4665997	100 mL	SG2154@10ppm_00016	5 mL	PCB-1221 Peak 1	0.5 ug/mL
							PCB-1221 Peak 2	0.5 ug/mL
							PCB-1221 Peak 3	0.5 ug/mL
							PCB-1254 Peak 1	0.5 ug/mL
							PCB-1254 Peak 2	0.5 ug/mL
							PCB-1254 Peak 3	0.5 ug/mL
							PCB-1254 Peak 4	0.5 ug/mL
							PCB-1254 Peak 5	0.5 ug/mL
					SGPCBIS STOCK 00015	0.5 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
.SG2154@10ppm_00016	04/07/21	04/07/20	HEXANE, Lot 4665997	100 mL	SG1221/1254_00004	1 mL	PCB-1221 Peak 1	10 ug/mL
							PCB-1221 Peak 2	10 ug/mL
							PCB-1221 Peak 3	10 ug/mL
							PCB-1254 Peak 1	10 ug/mL
							PCB-1254 Peak 2	10 ug/mL
							PCB-1254 Peak 3	10 ug/mL
							PCB-1254 Peak 4	10 ug/mL
							PCB-1254 Peak 5	10 ug/mL
..SG1221/1254_00004	02/28/22		restek, Lot a0115555		(Purchased Reagent)		PCB-1221 Peak 1	1000 ug/mL
							PCB-1221 Peak 2	1000 ug/mL
							PCB-1221 Peak 3	1000 ug/mL
							PCB-1254 Peak 1	1000 ug/mL
							PCB-1254 Peak 2	1000 ug/mL
							PCB-1254 Peak 3	1000 ug/mL
							PCB-1254 Peak 4	1000 ug/mL
							PCB-1254 Peak 5	1000 ug/mL
.SGPCBIS STOCK_00015	11/19/20	11/19/19	HEXANE, Lot 4504899	50 mL	ISTD_00005	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD 00005	02/28/21		Restek, Lot A0132763		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG2154@0.5PPM_00051	10/07/20	04/07/20	HEXANE, Lot 4665997	100 mL	SG2154@10ppm_00016	5 mL	Aroclor-1221	0.5 ug/mL
.SG2154@10ppm_00016	04/07/21	04/07/20	HEXANE, Lot 4665997	100 mL	SG1221/1254_00004	1 mL	Aroclor-1254	0.5 ug/mL
							Aroclor-1221	10 ug/mL
							Aroclor-1254	10 ug/mL
..SG1221/1254_00004	02/28/22		restek, Lot a0115555		(Purchased Reagent)		Aroclor-1221	1000 ug/mL
							Aroclor-1254	1000 ug/mL
SG2154@1.0PPM_00035	10/28/20	04/28/20	HEXANE, Lot 4665997	50 mL	SG2154@10ppm_00016	5 mL	PCB-1221 Peak 1	1 ug/mL
							PCB-1221 Peak 2	1 ug/mL
							PCB-1221 Peak 3	1 ug/mL
							PCB-1254 Peak 1	1 ug/mL
							PCB-1254 Peak 2	1 ug/mL
							PCB-1254 Peak 3	1 ug/mL
							PCB-1254 Peak 4	1 ug/mL
							PCB-1254 Peak 5	1 ug/mL
					SGPCBIS STOCK 00015	0.25 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
.SG2154@10ppm_00016	04/07/21	04/07/20	HEXANE, Lot 4665997	100 mL	SG1221/1254_00004	1 mL	PCB-1221 Peak 1	10 ug/mL
							PCB-1221 Peak 2	10 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1

SDG No.: Waste Char

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1221 Peak 3	10 ug/mL
							PCB-1254 Peak 1	10 ug/mL
							PCB-1254 Peak 2	10 ug/mL
							PCB-1254 Peak 3	10 ug/mL
							PCB-1254 Peak 4	10 ug/mL
							PCB-1254 Peak 5	10 ug/mL
..SG1221/1254_00004	02/28/22		restek, Lot a0115555			(Purchased Reagent)	PCB-1221 Peak 1	1000 ug/mL
							PCB-1221 Peak 2	1000 ug/mL
							PCB-1221 Peak 3	1000 ug/mL
							PCB-1254 Peak 1	1000 ug/mL
							PCB-1254 Peak 2	1000 ug/mL
							PCB-1254 Peak 3	1000 ug/mL
							PCB-1254 Peak 4	1000 ug/mL
							PCB-1254 Peak 5	1000 ug/mL
.SGPCBIS STOCK 00015	11/19/20	11/19/19	HEXANE, Lot 4504899	50 mL	ISTD 00005	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD 00005	02/28/21		Restek, Lot A0132763			(Purchased Reagent)	1-Bromo-2-nitrobenzene	1000 ug/mL
SG2154@1.5PPM_00008	10/28/20	04/28/20	HEXANE, Lot 4665997	50 mL	SG2154@10ppm_00016	7.5 mL	PCB-1221 Peak 1	1.5 ug/mL
							PCB-1221 Peak 2	1.5 ug/mL
							PCB-1221 Peak 3	1.5 ug/mL
							PCB-1254 Peak 1	1.5 ug/mL
							PCB-1254 Peak 2	1.5 ug/mL
							PCB-1254 Peak 3	1.5 ug/mL
							PCB-1254 Peak 4	1.5 ug/mL
							PCB-1254 Peak 5	1.5 ug/mL
					SGPCBIS STOCK 00015	0.25 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
.SG2154@10ppm_00016	04/07/21	04/07/20	HEXANE, Lot 4665997	100 mL	SG1221/1254_00004	1 mL	PCB-1221 Peak 1	10 ug/mL
							PCB-1221 Peak 2	10 ug/mL
							PCB-1221 Peak 3	10 ug/mL
							PCB-1254 Peak 1	10 ug/mL
							PCB-1254 Peak 2	10 ug/mL
							PCB-1254 Peak 3	10 ug/mL
							PCB-1254 Peak 4	10 ug/mL
							PCB-1254 Peak 5	10 ug/mL
..SG1221/1254_00004	02/28/22		restek, Lot a0115555			(Purchased Reagent)	PCB-1221 Peak 1	1000 ug/mL
							PCB-1221 Peak 2	1000 ug/mL
							PCB-1221 Peak 3	1000 ug/mL
							PCB-1254 Peak 1	1000 ug/mL
							PCB-1254 Peak 2	1000 ug/mL
							PCB-1254 Peak 3	1000 ug/mL
							PCB-1254 Peak 4	1000 ug/mL
							PCB-1254 Peak 5	1000 ug/mL
.SGPCBIS STOCK 00015	11/19/20	11/19/19	HEXANE, Lot 4504899	50 mL	ISTD 00005	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD 00005	02/28/21		Restek, Lot A0132763			(Purchased Reagent)	1-Bromo-2-nitrobenzene	1000 ug/mL
SG2154@0.1PPM_00025	10/28/20	04/28/20	HEXANE, Lot 4665997	50 mL	SG2154@10ppm_00016	0.5 mL	PCB-1221 Peak 1	0.1 ug/mL
							PCB-1221 Peak 2	0.1 ug/mL
							PCB-1221 Peak 3	0.1 ug/mL
							PCB-1254 Peak 1	0.1 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Canton

Job No.: 240-134314-1

SDG No.: Waste Char

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1254 Peak 2	0.1 ug/mL
							PCB-1254 Peak 3	0.1 ug/mL
							PCB-1254 Peak 4	0.1 ug/mL
							PCB-1254 Peak 5	0.1 ug/mL
					SGPCBIS STOCk 00015	0.25 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
.SG2154@10ppm_00016	04/07/21	04/07/20	HEXANE, Lot 4665997	100 mL	SG1221/1254_00004	1 mL	PCB-1221 Peak 1	10 ug/mL
							PCB-1221 Peak 2	10 ug/mL
							PCB-1221 Peak 3	10 ug/mL
							PCB-1254 Peak 1	10 ug/mL
							PCB-1254 Peak 2	10 ug/mL
							PCB-1254 Peak 3	10 ug/mL
							PCB-1254 Peak 4	10 ug/mL
							PCB-1254 Peak 5	10 ug/mL
..SG1221/1254_00004	02/28/22		restek, Lot a0115555		(Purchased Reagent)		PCB-1221 Peak 1	1000 ug/mL
							PCB-1221 Peak 2	1000 ug/mL
							PCB-1221 Peak 3	1000 ug/mL
							PCB-1254 Peak 1	1000 ug/mL
							PCB-1254 Peak 2	1000 ug/mL
							PCB-1254 Peak 3	1000 ug/mL
							PCB-1254 Peak 4	1000 ug/mL
							PCB-1254 Peak 5	1000 ug/mL
.SGPCBIS STOCk_00015	11/19/20	11/19/19	HEXANE, Lot 4504899	50 mL	ISTD_00005	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00005	02/28/21		Restek, Lot A0132763		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG2154ICV@.5_00005	10/20/20	05/06/20	HEXANE, Lot 4665997	10 mL	SGPCBIS STOCk_00015	0.05 mL	1-Bromo-2-nitrobenzene	0.05 ug/mL
.SGPCBIS STOCk_00015	11/19/20	11/19/19	HEXANE, Lot 4504899	50 mL	ISTD_00005	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00005	02/28/21		Restek, Lot A0132763		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG2154ICV@.5_00005	10/20/20	05/06/20	HEXANE, Lot 4665997	10 mL	SG1254ICV@100_00011	0.05 mL	Aroclor-1254	0.5 ug/mL
.SG1254ICV@100_00011	10/20/20	05/06/20	HEXANE, Lot 4665997	10 mL	SGPCB1254_00008	1 mL	Aroclor-1254	100 ug/mL
..SGPCB1254_00008	10/20/20		restek, Lot A0104946		(Purchased Reagent)		Aroclor-1254	1000 ug/mL
SG3262@.05PPM_00019	10/15/20	04/15/20	HEXANE, Lot 4665997	50 mL	SG32/6210PPM_00012	0.25 mL	PCB-1232 Peak 1	50 ug/L
							PCB-1232 Peak 2	50 ug/L
							PCB-1232 Peak 3	50 ug/L
							PCB-1232 Peak 4	50 ug/L
							PCB-1232 Peak 5	50 ug/L
							PCB-1262 Peak 1	50 ug/L
							PCB-1262 Peak 2	50 ug/L
							PCB-1262 Peak 3	50 ug/L
							PCB-1262 Peak 4	50 ug/L
							PCB-1262 Peak 5	50 ug/L
					SGPCBIS STOCk_00015	0.25 mL	1-Bromo-2-nitrobenzene	50 ug/L
.SG32/6210PPM_00012	03/24/21	03/24/20	HEXANE, Lot 4665997	100 mL	SG32/62 STK_00007	1 mL	PCB-1232 Peak 1	10 ug/mL
							PCB-1232 Peak 2	10 ug/mL
							PCB-1232 Peak 3	10 ug/mL
							PCB-1232 Peak 4	10 ug/mL
							PCB-1232 Peak 5	10 ug/mL
							PCB-1262 Peak 1	10 ug/mL
							PCB-1262 Peak 2	10 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Canton

Job No.: 240-134314-1

SDG No.: Waste Char

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1262 Peak 3	10 ug/mL
							PCB-1262 Peak 4	10 ug/mL
							PCB-1262 Peak 5	10 ug/mL
..SG32/62 STK_00007	06/30/25		Restelk, Lot A0147561		(Purchased Reagent)		PCB-1232 Peak 1	1000 ug/mL
							PCB-1232 Peak 2	1000 ug/mL
							PCB-1232 Peak 3	1000 ug/mL
							PCB-1232 Peak 4	1000 ug/mL
							PCB-1232 Peak 5	1000 ug/mL
							PCB-1262 Peak 1	1000 ug/mL
							PCB-1262 Peak 2	1000 ug/mL
							PCB-1262 Peak 3	1000 ug/mL
							PCB-1262 Peak 4	1000 ug/mL
							PCB-1262 Peak 5	1000 ug/mL
.SGPCBIS STOCK_00015	11/19/20	11/19/19	HEXANE, Lot 4504899	50 mL	ISTD_00005	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD 00005	02/28/21		Restek, Lot A0132763		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG3262@.2PPM_00021	10/15/20	04/15/20	HEXANE, Lot 4665997	50 mL	SG32/6210PPM_00012	1 mL	PCB-1232 Peak 1	200 ug/L
							PCB-1232 Peak 2	200 ug/L
							PCB-1232 Peak 3	200 ug/L
							PCB-1232 Peak 4	200 ug/L
							PCB-1232 Peak 5	200 ug/L
							PCB-1262 Peak 1	200 ug/L
							PCB-1262 Peak 2	200 ug/L
							PCB-1262 Peak 3	200 ug/L
							PCB-1262 Peak 4	200 ug/L
							PCB-1262 Peak 5	200 ug/L
					SGPCBIS STOCK_00015	0.25 mL	1-Bromo-2-nitrobenzene	50 ug/L
.SG32/6210PPM_00012	03/24/21	03/24/20	HEXANE, Lot 4665997	100 mL	SG32/62 STK_00007	1 mL	PCB-1232 Peak 1	10 ug/mL
							PCB-1232 Peak 2	10 ug/mL
							PCB-1232 Peak 3	10 ug/mL
							PCB-1232 Peak 4	10 ug/mL
							PCB-1232 Peak 5	10 ug/mL
							PCB-1262 Peak 1	10 ug/mL
							PCB-1262 Peak 2	10 ug/mL
							PCB-1262 Peak 3	10 ug/mL
							PCB-1262 Peak 4	10 ug/mL
							PCB-1262 Peak 5	10 ug/mL
..SG32/62 STK_00007	06/30/25		Restelk, Lot A0147561		(Purchased Reagent)		PCB-1232 Peak 1	1000 ug/mL
							PCB-1232 Peak 2	1000 ug/mL
							PCB-1232 Peak 3	1000 ug/mL
							PCB-1232 Peak 4	1000 ug/mL
							PCB-1232 Peak 5	1000 ug/mL
							PCB-1262 Peak 1	1000 ug/mL
							PCB-1262 Peak 2	1000 ug/mL
							PCB-1262 Peak 3	1000 ug/mL
							PCB-1262 Peak 4	1000 ug/mL
							PCB-1262 Peak 5	1000 ug/mL
.SGPCBIS STOCK_00015	11/19/20	11/19/19	HEXANE, Lot 4504899	50 mL	ISTD_00005	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1

SDG No.: Waste Char

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration	
					Reagent ID	Volume Added			
..ISTD 00005	02/28/21		Restek, Lot A0132763			(Purchased Reagent)	1-Bromo-2-nitrobenzene	1000 ug/mL	
SG3262@0.1PPM_00019	10/15/20	04/15/20	HEXANE, Lot 4665997	50 mL	SG32/6210PPM_00012	0.5 mL	PCB-1232 Peak 1	100 ug/L	
							PCB-1232 Peak 2	100 ug/L	
							PCB-1232 Peak 3	100 ug/L	
							PCB-1232 Peak 4	100 ug/L	
							PCB-1232 Peak 5	100 ug/L	
							PCB-1262 Peak 1	100 ug/L	
							PCB-1262 Peak 2	100 ug/L	
							PCB-1262 Peak 3	100 ug/L	
							PCB-1262 Peak 4	100 ug/L	
							PCB-1262 Peak 5	100 ug/L	
					SGPCBIS STOCK 00015	0.25 mL	1-Bromo-2-nitrobenzene	50 ug/L	
.SG32/6210PPM_00012	03/24/21	03/24/20	HEXANE, Lot 4665997	100 mL	SG32/62 STK_00007	1 mL	PCB-1232 Peak 1	10 ug/mL	
							PCB-1232 Peak 2	10 ug/mL	
							PCB-1232 Peak 3	10 ug/mL	
							PCB-1232 Peak 4	10 ug/mL	
							PCB-1232 Peak 5	10 ug/mL	
							PCB-1262 Peak 1	10 ug/mL	
							PCB-1262 Peak 2	10 ug/mL	
							PCB-1262 Peak 3	10 ug/mL	
							PCB-1262 Peak 4	10 ug/mL	
							PCB-1262 Peak 5	10 ug/mL	
..SG32/62 STK_00007	06/30/25		Restek, Lot A0147561				(Purchased Reagent)	PCB-1232 Peak 1	1000 ug/mL
							PCB-1232 Peak 2	1000 ug/mL	
							PCB-1232 Peak 3	1000 ug/mL	
							PCB-1232 Peak 4	1000 ug/mL	
							PCB-1232 Peak 5	1000 ug/mL	
							PCB-1262 Peak 1	1000 ug/mL	
							PCB-1262 Peak 2	1000 ug/mL	
							PCB-1262 Peak 3	1000 ug/mL	
							PCB-1262 Peak 4	1000 ug/mL	
							PCB-1262 Peak 5	1000 ug/mL	
.SGPCBIS STOCK_00015	11/19/20	11/19/19	HEXANE, Lot 4504899	50 mL	ISTD_00005	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL	
..ISTD 00005	02/28/21		Restek, Lot A0132763			(Purchased Reagent)	1-Bromo-2-nitrobenzene	1000 ug/mL	
SG3262@0.5PPM_00041	11/19/20	06/16/20	HEXANE, Lot 4665997	100 mL	SG32/6210PPM_00012	5 mL	PCB-1232 Peak 1	500 ug/L	
							PCB-1232 Peak 2	500 ug/L	
							PCB-1232 Peak 3	500 ug/L	
							PCB-1232 Peak 4	500 ug/L	
							PCB-1232 Peak 5	500 ug/L	
							PCB-1262 Peak 1	500 ug/L	
							PCB-1262 Peak 2	500 ug/L	
							PCB-1262 Peak 3	500 ug/L	
							PCB-1262 Peak 4	500 ug/L	
							PCB-1262 Peak 5	500 ug/L	
					SGPCBIS STOCK 00015	0.5 mL	1-Bromo-2-nitrobenzene	50 ug/L	
.SG32/6210PPM_00012	03/24/21	03/24/20	HEXANE, Lot 4665997	100 mL	SG32/62 STK_00007	1 mL	PCB-1232 Peak 1	10 ug/mL	
							PCB-1232 Peak 2	10 ug/mL	

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Canton

Job No.: 240-134314-1

SDG No.: Waste Char

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1232 Peak 3	10 ug/mL
							PCB-1232 Peak 4	10 ug/mL
							PCB-1232 Peak 5	10 ug/mL
							PCB-1262 Peak 1	10 ug/mL
							PCB-1262 Peak 2	10 ug/mL
							PCB-1262 Peak 3	10 ug/mL
							PCB-1262 Peak 4	10 ug/mL
							PCB-1262 Peak 5	10 ug/mL
..SG32/62 STK_00007	06/30/25		Restek, Lot A0147561			(Purchased Reagent)	PCB-1232 Peak 1	1000 ug/mL
							PCB-1232 Peak 2	1000 ug/mL
							PCB-1232 Peak 3	1000 ug/mL
							PCB-1232 Peak 4	1000 ug/mL
							PCB-1232 Peak 5	1000 ug/mL
							PCB-1262 Peak 1	1000 ug/mL
							PCB-1262 Peak 2	1000 ug/mL
							PCB-1262 Peak 3	1000 ug/mL
							PCB-1262 Peak 4	1000 ug/mL
							PCB-1262 Peak 5	1000 ug/mL
.SGPCBIS STOCK 00015	11/19/20	11/19/19	HEXANE, Lot 4504899	50 mL	ISTD 00005	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD 00005	02/28/21		Restek, Lot A0132763			(Purchased Reagent)	1-Bromo-2-nitrobenzene	1000 ug/mL
SG3262@0.5PPM_00041	11/19/20	06/16/20	HEXANE, Lot 4665997	100 mL	SG32/6210PPM_00012	5 mL	Aroclor-1232	500 ug/L
							PCB-1262	500 ug/L
.SG32/6210PPM_00012	03/24/21	03/24/20	HEXANE, Lot 4665997	100 mL	SG32/62 STK_00007	1 mL	Aroclor-1232	10 ug/mL
							PCB-1262	10 ug/mL
..SG32/62 STK_00007	06/30/25		Restek, Lot A0147561			(Purchased Reagent)	Aroclor-1232	1000 ug/mL
							PCB-1262	1000 ug/mL
SG3262@1.0PPM_00028	10/15/20	04/15/20	HEXANE, Lot 4665997	50 mL	SG32/6210PPM_00012	5 mL	PCB-1232 Peak 1	1000 ug/L
							PCB-1232 Peak 2	1000 ug/L
							PCB-1232 Peak 3	1000 ug/L
							PCB-1232 Peak 4	1000 ug/L
							PCB-1232 Peak 5	1000 ug/L
							PCB-1262 Peak 1	1000 ug/L
							PCB-1262 Peak 2	1000 ug/L
							PCB-1262 Peak 3	1000 ug/L
							PCB-1262 Peak 4	1000 ug/L
							PCB-1262 Peak 5	1000 ug/L
					SGPCBIS STOCK 00015	0.25 mL	1-Bromo-2-nitrobenzene	50 ug/L
.SG32/6210PPM_00012	03/24/21	03/24/20	HEXANE, Lot 4665997	100 mL	SG32/62 STK_00007	1 mL	PCB-1232 Peak 1	10 ug/mL
							PCB-1232 Peak 2	10 ug/mL
							PCB-1232 Peak 3	10 ug/mL
							PCB-1232 Peak 4	10 ug/mL
							PCB-1232 Peak 5	10 ug/mL
							PCB-1262 Peak 1	10 ug/mL
							PCB-1262 Peak 2	10 ug/mL
							PCB-1262 Peak 3	10 ug/mL
							PCB-1262 Peak 4	10 ug/mL
							PCB-1262 Peak 5	10 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1

SDG No.: Waste Char

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..SG32/62 STK_00007	06/30/25		Restelk, Lot A0147561			(Purchased Reagent)	PCB-1232 Peak 1 PCB-1232 Peak 2 PCB-1232 Peak 3 PCB-1232 Peak 4 PCB-1232 Peak 5 PCB-1262 Peak 1 PCB-1262 Peak 2 PCB-1262 Peak 3 PCB-1262 Peak 4 PCB-1262 Peak 5	1000 ug/mL 1000 ug/mL 1000 ug/mL 1000 ug/mL 1000 ug/mL 1000 ug/mL 1000 ug/mL 1000 ug/mL 1000 ug/mL 1000 ug/mL
.SGPCBIS STOCK_00015	11/19/20	11/19/19	HEXANE, Lot 4504899	50 mL	ISTD_00005	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00005	02/28/21		Restek, Lot A0132763			(Purchased Reagent)	1-Bromo-2-nitrobenzene	1000 ug/mL
SG3262@1.5PPM_00009	10/15/20	04/15/20	HEXANE, Lot 4665997	50 mL	SG32/6210PPM_00012	7.5 mL	PCB-1232 Peak 1 PCB-1232 Peak 2 PCB-1232 Peak 3 PCB-1232 Peak 4 PCB-1232 Peak 5 PCB-1262 Peak 1 PCB-1262 Peak 2 PCB-1262 Peak 3 PCB-1262 Peak 4 PCB-1262 Peak 5	1500 ug/L 1500 ug/L 1500 ug/L 1500 ug/L 1500 ug/L 1500 ug/L 1500 ug/L 1500 ug/L 1500 ug/L 1500 ug/L
..SG32/6210PPM_00012	03/24/21	03/24/20	HEXANE, Lot 4665997	100 mL	SGPCBIS STOCK_00015	0.25 mL	1-Bromo-2-nitrobenzene	50 ug/L
					SG32/62 STK_00007	1 mL	PCB-1232 Peak 1 PCB-1232 Peak 2 PCB-1232 Peak 3 PCB-1232 Peak 4 PCB-1232 Peak 5 PCB-1262 Peak 1 PCB-1262 Peak 2 PCB-1262 Peak 3 PCB-1262 Peak 4 PCB-1262 Peak 5	10 ug/mL 10 ug/mL 10 ug/mL 10 ug/mL 10 ug/mL 10 ug/mL 10 ug/mL 10 ug/mL 10 ug/mL 10 ug/mL
..SG32/62 STK_00007	06/30/25		Restelk, Lot A0147561			(Purchased Reagent)	PCB-1232 Peak 1 PCB-1232 Peak 2 PCB-1232 Peak 3 PCB-1232 Peak 4 PCB-1232 Peak 5 PCB-1262 Peak 1 PCB-1262 Peak 2 PCB-1262 Peak 3 PCB-1262 Peak 4 PCB-1262 Peak 5	1000 ug/mL 1000 ug/mL 1000 ug/mL 1000 ug/mL 1000 ug/mL 1000 ug/mL 1000 ug/mL 1000 ug/mL 1000 ug/mL 1000 ug/mL
.SGPCBIS STOCK_00015	11/19/20	11/19/19	HEXANE, Lot 4504899	50 mL	ISTD_00005	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00005	02/28/21		Restek, Lot A0132763			(Purchased Reagent)	1-Bromo-2-nitrobenzene	1000 ug/mL
SG42/68@1.0PP_00032	10/22/20	04/22/20	HEXANE, Lot 4665997	50 mL	SG42/6810PPM_00011	5 mL	PCB-1242 Peak 1 PCB-1242 Peak 2	1000 ug/L 1000 ug/L

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Canton

Job No.: 240-134314-1

SDG No.: Waste Char

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1242 Peak 3	1000 ug/L
							PCB-1242 Peak 4	1000 ug/L
							PCB-1242 Peak 5	1000 ug/L
							PCB-1268 Peak 1	1000 ug/L
							PCB-1268 Peak 2	1000 ug/L
							PCB-1268 Peak 3	1000 ug/L
							PCB-1268 Peak 4	1000 ug/L
							PCB-1268 Peak 5	1000 ug/L
					SGPCBIS STOCK 00015	0.25 mL	1-Bromo-2-nitrobenzene	50 ug/L
.SG42/6810PPM_00011	04/07/21	04/07/20	HEXANE, Lot 4665997	100 mL	SG 42/68 STK_00006	1 mL	PCB-1242 Peak 1	10000 ug/L
							PCB-1242 Peak 2	10000 ug/L
							PCB-1242 Peak 3	10000 ug/L
							PCB-1242 Peak 4	10000 ug/L
							PCB-1242 Peak 5	10000 ug/L
							PCB-1268 Peak 1	10000 ug/L
							PCB-1268 Peak 2	10000 ug/L
							PCB-1268 Peak 3	10000 ug/L
							PCB-1268 Peak 4	10000 ug/L
							PCB-1268 Peak 5	10000 ug/L
..SG 42/68 STK_00006	02/28/25		RESTEK, Lot A0143137			(Purchased Reagent)	PCB-1242 Peak 1	1000 ug/mL
							PCB-1242 Peak 2	1000 ug/mL
							PCB-1242 Peak 3	1000 ug/mL
							PCB-1242 Peak 4	1000 ug/mL
							PCB-1242 Peak 5	1000 ug/mL
							PCB-1268 Peak 1	1000 ug/mL
							PCB-1268 Peak 2	1000 ug/mL
							PCB-1268 Peak 3	1000 ug/mL
							PCB-1268 Peak 4	1000 ug/mL
							PCB-1268 Peak 5	1000 ug/mL
.SGPCBIS STOCK 00015	11/19/20	11/19/19	HEXANE, Lot 4504899	50 mL	ISTD_00005	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD 00005	02/28/21		Restek, Lot A0132763			(Purchased Reagent)	1-Bromo-2-nitrobenzene	1000 ug/mL
SG4268@.05PPM_00018	10/22/20	04/22/20	HEXANE, Lot 4665997	50 mL	SG42/6810PPM_00011	0.25 mL	PCB-1242 Peak 1	50 ug/L
							PCB-1242 Peak 2	50 ug/L
							PCB-1242 Peak 3	50 ug/L
							PCB-1242 Peak 4	50 ug/L
							PCB-1242 Peak 5	50 ug/L
							PCB-1268 Peak 1	50 ug/L
							PCB-1268 Peak 2	50 ug/L
							PCB-1268 Peak 3	50 ug/L
							PCB-1268 Peak 4	50 ug/L
							PCB-1268 Peak 5	50 ug/L
					SGPCBIS STOCK 00015	0.25 mL	1-Bromo-2-nitrobenzene	50 ug/L
.SG42/6810PPM_00011	04/07/21	04/07/20	HEXANE, Lot 4665997	100 mL	SG 42/68 STK_00006	1 mL	PCB-1242 Peak 1	10000 ug/L
							PCB-1242 Peak 2	10000 ug/L
							PCB-1242 Peak 3	10000 ug/L
							PCB-1242 Peak 4	10000 ug/L
							PCB-1242 Peak 5	10000 ug/L

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1

SDG No.: Waste Char

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1268 Peak 1	10000 ug/L
							PCB-1268 Peak 2	10000 ug/L
							PCB-1268 Peak 3	10000 ug/L
							PCB-1268 Peak 4	10000 ug/L
							PCB-1268 Peak 5	10000 ug/L
..SG 42/68 STK_00006	02/28/25		RESTEK, Lot A0143137			(Purchased Reagent)	PCB-1242 Peak 1	1000 ug/mL
							PCB-1242 Peak 2	1000 ug/mL
							PCB-1242 Peak 3	1000 ug/mL
							PCB-1242 Peak 4	1000 ug/mL
							PCB-1242 Peak 5	1000 ug/mL
							PCB-1268 Peak 1	1000 ug/mL
							PCB-1268 Peak 2	1000 ug/mL
							PCB-1268 Peak 3	1000 ug/mL
							PCB-1268 Peak 4	1000 ug/mL
							PCB-1268 Peak 5	1000 ug/mL
.SGPCBIS STOCk_00015	11/19/20	11/19/19	HEXANE, Lot 4504899	50 mL	ISTD_00005	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD 00005	02/28/21		Restek, Lot A0132763			(Purchased Reagent)	1-Bromo-2-nitrobenzene	1000 ug/mL
SG4268@.1PPM_00018	10/22/20	04/22/20	HEXANE, Lot 4665997	50 mL	SG42/6810PPM_00011	0.5 mL	PCB-1242 Peak 1	100 ug/L
							PCB-1242 Peak 2	100 ug/L
							PCB-1242 Peak 3	100 ug/L
							PCB-1242 Peak 4	100 ug/L
							PCB-1242 Peak 5	100 ug/L
							PCB-1268 Peak 1	100 ug/L
							PCB-1268 Peak 2	100 ug/L
							PCB-1268 Peak 3	100 ug/L
							PCB-1268 Peak 4	100 ug/L
							PCB-1268 Peak 5	100 ug/L
					SGPCBIS STOCk_00015	0.25 mL	1-Bromo-2-nitrobenzene	50 ug/L
.SG42/6810PPM_00011	04/07/21	04/07/20	HEXANE, Lot 4665997	100 mL	SG 42/68 STK_00006	1 mL	PCB-1242 Peak 1	10000 ug/L
							PCB-1242 Peak 2	10000 ug/L
							PCB-1242 Peak 3	10000 ug/L
							PCB-1242 Peak 4	10000 ug/L
							PCB-1242 Peak 5	10000 ug/L
							PCB-1268 Peak 1	10000 ug/L
							PCB-1268 Peak 2	10000 ug/L
							PCB-1268 Peak 3	10000 ug/L
							PCB-1268 Peak 4	10000 ug/L
							PCB-1268 Peak 5	10000 ug/L
..SG 42/68 STK_00006	02/28/25		RESTEK, Lot A0143137			(Purchased Reagent)	PCB-1242 Peak 1	1000 ug/mL
							PCB-1242 Peak 2	1000 ug/mL
							PCB-1242 Peak 3	1000 ug/mL
							PCB-1242 Peak 4	1000 ug/mL
							PCB-1242 Peak 5	1000 ug/mL
							PCB-1268 Peak 1	1000 ug/mL
							PCB-1268 Peak 2	1000 ug/mL
							PCB-1268 Peak 3	1000 ug/mL
							PCB-1268 Peak 4	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1

SDG No.: Waste Char

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
.SGPCBIS STOCK_00015	11/19/20	11/19/19	HEXANE, Lot 4504899	50 mL	ISTD_00005	0.5 mL	PCB-1268 Peak 5	1000 ug/mL
..ISTD 00005	02/28/21		Restek, Lot A0132763		(Purchased Reagent)		1-Bromo-2-nitrobenzene	10 ug/mL
SG4268@.2PPM_00018	10/22/20	04/22/20	HEXANE, Lot 4665997	50 mL	SG42/6810PPM_00011	1 mL	PCB-1242 Peak 1	200 ug/L
							PCB-1242 Peak 2	200 ug/L
							PCB-1242 Peak 3	200 ug/L
							PCB-1242 Peak 4	200 ug/L
							PCB-1242 Peak 5	200 ug/L
							PCB-1268 Peak 1	200 ug/L
							PCB-1268 Peak 2	200 ug/L
							PCB-1268 Peak 3	200 ug/L
							PCB-1268 Peak 4	200 ug/L
							PCB-1268 Peak 5	200 ug/L
.SG42/6810PPM_00011	04/07/21	04/07/20	HEXANE, Lot 4665997	100 mL	SGPCBIS STOCK_00015	0.25 mL	1-Bromo-2-nitrobenzene	50 ug/L
..SG 42/68 STK_00006	02/28/25		RESTEK, Lot A0143137		SG 42/68 STK_00006	1 mL	PCB-1242 Peak 1	10000 ug/L
							PCB-1242 Peak 2	10000 ug/L
							PCB-1242 Peak 3	10000 ug/L
							PCB-1242 Peak 4	10000 ug/L
							PCB-1242 Peak 5	10000 ug/L
							PCB-1268 Peak 1	10000 ug/L
							PCB-1268 Peak 2	10000 ug/L
							PCB-1268 Peak 3	10000 ug/L
							PCB-1268 Peak 4	10000 ug/L
							PCB-1268 Peak 5	10000 ug/L
..SG 42/68 STK_00006	02/28/25		RESTEK, Lot A0143137		(Purchased Reagent)		PCB-1242 Peak 1	1000 ug/mL
.SGPCBIS STOCK_00015	11/19/20	11/19/19	HEXANE, Lot 4504899	50 mL	ISTD_00005	0.5 mL	PCB-1242 Peak 2	1000 ug/mL
							PCB-1242 Peak 3	1000 ug/mL
							PCB-1242 Peak 4	1000 ug/mL
							PCB-1242 Peak 5	1000 ug/mL
							PCB-1268 Peak 1	1000 ug/mL
							PCB-1268 Peak 2	1000 ug/mL
							PCB-1268 Peak 3	1000 ug/mL
							PCB-1268 Peak 4	1000 ug/mL
PCB-1268 Peak 5	1000 ug/mL							
..ISTD 00005	02/28/21		Restek, Lot A0132763		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG4268@0.5PPM_00041	10/07/20	04/07/20	HEXANE, Lot 4665997	100 mL	SG42/6810PPM_00011	5 mL	PCB-1242 Peak 1	500 ug/L
							PCB-1242 Peak 2	500 ug/L
							PCB-1242 Peak 3	500 ug/L
							PCB-1242 Peak 4	500 ug/L
							PCB-1242 Peak 5	500 ug/L
							PCB-1268 Peak 1	500 ug/L
							PCB-1268 Peak 2	500 ug/L
							PCB-1268 Peak 3	500 ug/L
							PCB-1268 Peak 4	500 ug/L
							PCB-1268 Peak 5	500 ug/L
.SGPCBIS STOCK_00015	11/19/20	11/19/19	HEXANE, Lot 4504899	50 mL	SGPCBIS STOCK_00015	0.5 mL	1-Bromo-2-nitrobenzene	50 ug/L

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1

SDG No.: Waste Char

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
.SG42/6810PPM_00011	04/07/21	04/07/20	HEXANE, Lot 4665997	100 mL	SG 42/68 STK_00006	1 mL	PCB-1242 Peak 1	10000 ug/L
							PCB-1242 Peak 2	10000 ug/L
							PCB-1242 Peak 3	10000 ug/L
							PCB-1242 Peak 4	10000 ug/L
							PCB-1242 Peak 5	10000 ug/L
							PCB-1268 Peak 1	10000 ug/L
							PCB-1268 Peak 2	10000 ug/L
							PCB-1268 Peak 3	10000 ug/L
							PCB-1268 Peak 4	10000 ug/L
..SG 42/68 STK_00006	02/28/25		RESTEK, Lot A0143137		(Purchased Reagent)		PCB-1242 Peak 1	1000 ug/mL
							PCB-1242 Peak 2	1000 ug/mL
							PCB-1242 Peak 3	1000 ug/mL
							PCB-1242 Peak 4	1000 ug/mL
							PCB-1242 Peak 5	1000 ug/mL
							PCB-1268 Peak 1	1000 ug/mL
							PCB-1268 Peak 2	1000 ug/mL
							PCB-1268 Peak 3	1000 ug/mL
							PCB-1268 Peak 4	1000 ug/mL
.SGPCBIS STOCK 00015	11/19/20	11/19/19	HEXANE, Lot 4504899	50 mL	ISTD 00005	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL
	..ISTD 00005	02/28/21	Restek, Lot A0132763		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG4268@0.5PPM_00042	11/19/20	07/07/20	HEXANE, Lot 4665997	100 mL	SGPCBIS STOCK_00015	0.5 mL	1-Bromo-2-nitrobenzene	50 ug/L
.SGPCBIS STOCK 00015	11/19/20	11/19/19	HEXANE, Lot 4504899	50 mL	ISTD 00005	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD 00005	02/28/21		Restek, Lot A0132763		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SG4268@0.5PPM_00042	11/19/20	07/07/20	HEXANE, Lot 4665997	100 mL	SG42/6810PPM_00011	5 mL	Aroclor-1242	500 ug/L
							PCB-1242 Peak 1	500 ug/L
							PCB-1242 Peak 2	500 ug/L
							PCB-1242 Peak 3	500 ug/L
							PCB-1242 Peak 4	500 ug/L
							PCB-1242 Peak 5	500 ug/L
							PCB-1268	500 ug/L
							PCB-1268 Peak 1	500 ug/L
							PCB-1268 Peak 2	500 ug/L
							PCB-1268 Peak 3	500 ug/L
							PCB-1268 Peak 4	500 ug/L
							PCB-1268 Peak 5	500 ug/L
							.SG42/6810PPM_00011	04/07/21
PCB-1242 Peak 1	10000 ug/L							
PCB-1242 Peak 2	10000 ug/L							
PCB-1242 Peak 3	10000 ug/L							
PCB-1242 Peak 4	10000 ug/L							
PCB-1242 Peak 5	10000 ug/L							
PCB-1268	10000 ug/L							
PCB-1268 Peak 1	10000 ug/L							
PCB-1268 Peak 2	10000 ug/L							
PCB-1268 Peak 3	10000 ug/L							

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1

SDG No.: Waste Char

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1268 Peak 4	10000 ug/L
							PCB-1268 Peak 5	10000 ug/L
..SG 42/68 STK_00006	02/28/25		RESTEK, Lot A0143137			(Purchased Reagent)	Aroclor-1242	1000 ug/mL
							PCB-1242 Peak 1	1000 ug/mL
							PCB-1242 Peak 2	1000 ug/mL
							PCB-1242 Peak 3	1000 ug/mL
							PCB-1242 Peak 4	1000 ug/mL
							PCB-1242 Peak 5	1000 ug/mL
							PCB-1268	1000 ug/mL
							PCB-1268 Peak 1	1000 ug/mL
							PCB-1268 Peak 2	1000 ug/mL
							PCB-1268 Peak 3	1000 ug/mL
							PCB-1268 Peak 4	1000 ug/mL
							PCB-1268 Peak 5	1000 ug/mL
SG4268@1.5PPM_00009	10/22/20	04/22/20	HEXANE, Lot 234722	50 mL	SG42/6810PPM_00011	7.5 mL	PCB-1242 Peak 1	1500 ug/L
							PCB-1242 Peak 2	1500 ug/L
							PCB-1242 Peak 3	1500 ug/L
							PCB-1242 Peak 4	1500 ug/L
							PCB-1242 Peak 5	1500 ug/L
							PCB-1268 Peak 1	1500 ug/L
							PCB-1268 Peak 2	1500 ug/L
							PCB-1268 Peak 3	1500 ug/L
							PCB-1268 Peak 4	1500 ug/L
							PCB-1268 Peak 5	1500 ug/L
					SGPCBIS STOCK_00015	0.25 mL	1-Bromo-2-nitrobenzene	50 ug/L
..SG42/6810PPM_00011	04/07/21	04/07/20	HEXANE, Lot 4665997	100 mL	SG 42/68 STK_00006	1 mL	PCB-1242 Peak 1	10000 ug/L
							PCB-1242 Peak 2	10000 ug/L
							PCB-1242 Peak 3	10000 ug/L
							PCB-1242 Peak 4	10000 ug/L
							PCB-1242 Peak 5	10000 ug/L
							PCB-1268 Peak 1	10000 ug/L
							PCB-1268 Peak 2	10000 ug/L
							PCB-1268 Peak 3	10000 ug/L
							PCB-1268 Peak 4	10000 ug/L
							PCB-1268 Peak 5	10000 ug/L
..SG 42/68 STK_00006	02/28/25		RESTEK, Lot A0143137			(Purchased Reagent)	PCB-1242 Peak 1	1000 ug/mL
							PCB-1242 Peak 2	1000 ug/mL
							PCB-1242 Peak 3	1000 ug/mL
							PCB-1242 Peak 4	1000 ug/mL
							PCB-1242 Peak 5	1000 ug/mL
							PCB-1268 Peak 1	1000 ug/mL
							PCB-1268 Peak 2	1000 ug/mL
							PCB-1268 Peak 3	1000 ug/mL
							PCB-1268 Peak 4	1000 ug/mL
							PCB-1268 Peak 5	1000 ug/mL
..SGPCBIS STOCK_00015	11/19/20	11/19/19	HEXANE, Lot 4504899	50 mL	ISTD_00005	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00005	02/28/21		Restek, Lot A0132763			(Purchased Reagent)	1-Bromo-2-nitrobenzene	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1

SDG No.: Waste Char

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
SGPCBISTD_00023	11/19/20	06/05/20	HEXANE, Lot 234722	100 mL	SGPCBIS STOCK_00014	10 mL	1-Bromo-2-nitrobenzene	1 ug/mL
.SGPCBIS STOCK_00014	11/19/20	11/19/19	HEXANE, Lot 4504899	50 mL	ISTD_00005	0.5 mL	1-Bromo-2-nitrobenzene	10 ug/mL
..ISTD_00005	02/28/21		Restek, Lot A0132763		(Purchased Reagent)		1-Bromo-2-nitrobenzene	1000 ug/mL
SPIKE1_00008	09/13/21		CPI, Lot 1051491-1		(Purchased Reagent)		Arsenic	200 mg/L
							Barium	200 mg/L
							Be	100 mg/L
							Cadmium	100 mg/L
							Chromium	100 mg/L
							Co	100 mg/L
							Cu	100 mg/L
							Lead	100 mg/L
							Li	100 mg/L
							Mn	100 mg/L
							Mo	100 mg/L
							Ni	100 mg/L
							Selenium	200 mg/L
							Si	200 mg/L
							SiO2	428 mg/L
							Sn	200 mg/L
							Sr	100 mg/L
							Ti	100 mg/L
							Tl	200 mg/L
							V	100 mg/L
SPIKE2_00007	09/13/21		CPI, Lot 1051493-1		(Purchased Reagent)		Al	1000 mg/L
							Ca	5000 mg/L
							Fe	1000 mg/L
							K	5000 mg/L
							Mg	5000 mg/L
							Na	5000 mg/L
VM50IS_00084	11/21/20	05/21/20	MEOH, Lot 177891	50 mL	VM568718_00017	10 mL	1,4-Dichlorobenzene-d4	50 ug/mL
							Chlorobenzene-d5	50 ug/mL
							Fluorobenzene	50 ug/mL
.VM568718_00017	01/31/24		restek, Lot A0145169		(Purchased Reagent)		1,4-Dichlorobenzene-d4	250 ug/mL
							Chlorobenzene-d5	250 ug/mL
							Fluorobenzene	250 ug/mL
vm50ss_00413	08/11/20	08/04/20	MEOH, Lot na	5 mL	vm50ss_stk_00085	5 mL	1,2-Dichloroethane-d4 (Surr)	50 ug/mL
							4-Bromofluorobenzene (Surr)	50 ug/mL
							Dibromofluoromethane (Surr)	50 ug/mL
							Toluene-d8 (Surr)	50 ug/mL
.vm50ss_stk_00085	11/21/20	05/21/20	MEOH, Lot 0000230446	200 mL	VM567650_00032	4 mL	1,2-Dichloroethane-d4 (Surr)	50 ug/mL
							4-Bromofluorobenzene (Surr)	50 ug/mL
							Dibromofluoromethane (Surr)	50 ug/mL
							Toluene-d8 (Surr)	50 ug/mL
..VM567650_00032	07/30/23		Restek, Lot A0139582		(Purchased Reagent)		1,2-Dichloroethane-d4 (Surr)	2500 ug/mL
							4-Bromofluorobenzene (Surr)	2500 ug/mL
							Dibromofluoromethane (Surr)	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1

SDG No.: Waste Char

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Toluene-d8 (Surr)	2500 ug/mL
vm50ss_stk_00085	11/21/20	05/21/20	MEOH, Lot 0000230446	200 mL	VM567650_00032	4 mL	1,2-Dichloroethane-d4 (Surr)	50 ug/mL
							4-Bromofluorobenzene (Surr)	50 ug/mL
							Dibromofluoromethane (Surr)	50 ug/mL
							Toluene-d8 (Surr)	50 ug/mL
.VM567650_00032	07/30/23		Restek, Lot A0139582		(Purchased Reagent)		1,2-Dichloroethane-d4 (Surr)	2500 ug/mL
							4-Bromofluorobenzene (Surr)	2500 ug/mL
							Dibromofluoromethane (Surr)	2500 ug/mL
							Toluene-d8 (Surr)	2500 ug/mL
VMAROLISTDW_00355	08/10/20	08/03/20	MEOH, Lot na	5 mL	VMACROLSTD_00086	5 mL	Acrolein	250 ug/mL
.VMACROLSTD_00086	10/30/20	07/30/20	MEOH, Lot 0000230446	20 mL	VM568720_00039	0.25 mL	Acrolein	250 ug/mL
.VM568720_00039	07/31/21		restek, Lot A0156861		(Purchased Reagent)		Acrolein	20000 ug/mL
vmbfb_00025							1,2-Dichloroethene, Total	
							1,3-Dichloropropene, Total	
							Tentatively Identified Compound	
							Total BTEX	
							Trihalomethanes, Total	
							Xylenes, Total	
.vm30026_00003	08/31/23		restek, Lot A0141187		vm30026_00003	1.25 mL	BFB	50 ug/mL
					(Purchased Reagent)		BFB	2000 ug/mL
VMFASA9W_00286	08/07/20	07/31/20	MEOH, Lot NA	5 mL	VMFASA9_00022	5 mL	1,2,3-Trimethylbenzene	50 ug/mL
							Diisopropyl ether	50 ug/mL
							Ethyl tert-Butyl Ether (ETBE)	50 ug/mL
							Tert-amyl methyl ether	50 ug/mL
.VMFASA9_00022	11/30/20	05/30/20	MEOH, Lot 00000230446	100 mL	VM570808S_00008	2 mL	1,2,3-Trimethylbenzene	50 ug/mL
					VM571993S_00006	2 mL	Diisopropyl ether	50 ug/mL
							Ethyl tert-Butyl Ether (ETBE)	50 ug/mL
							Tert-amyl methyl ether	50 ug/mL
.VM570808S_00008	04/30/21		Restek, Lot A0154206		(Purchased Reagent)		1,2,3-Trimethylbenzene	2500 ug/mL
.VM571993S_00006	11/30/20		restek, Lot A0143318		(Purchased Reagent)		Diisopropyl ether	2500 ug/mL
							Ethyl tert-Butyl Ether (ETBE)	2500 ug/mL
							Tert-amyl methyl ether	2500 ug/mL
VMFASGW_00370	08/10/20	08/03/20	MEOH, Lot NA	5 mL	VMFASG_00097	5 mL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.VMFASG_00097	09/03/20	08/03/20	MEOH, Lot 0000230446	100 mL	vm569722S_00007	2 mL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.vm569722S_00007	10/31/21		Restek, Lot A0142117		(Purchased Reagent)		Bromomethane	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Canton

Job No.: 240-134314-1

SDG No.: Waste Char

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Dichlorodifluoromethane	2500 ug/mL
							Trichlorofluoromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
VMFASGW_00371	08/17/20	08/10/20	MEOH, Lot NA	5 mL	VMFASG_00097	5 mL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.VMFASG_00097	09/03/20	08/03/20	MEOH, Lot 0000230446	100 mL	vm569722S_00007	2 mL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
..vm569722S_00007	10/31/21		Restek, Lot A0142117			(Purchased Reagent)	Bromomethane	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Dichlorodifluoromethane	2500 ug/mL
							Trichlorofluoromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
VMFASPW_00360	08/05/20	07/29/20	MEOH, Lot n/a	5 mL	VMRFASP_00067	5 mL	2-Butanone (MEK)	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL
							2-Chloroethyl vinyl ether	50 ug/mL
							Vinyl acetate	50 ug/mL
							1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Canton

Job No.: 240-134314-1

SDG No.: Waste Char

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromochloromethane	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Dibromomethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl-tert-butyl Ether (MTBE)	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							p-Isopropyltoluene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butyl alcohol (TBA)	500 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	100 ug/mL
.VMRFASP_00067	09/18/20	06/18/20	MEOH, Lot 0000230446	100 mL	VM569721S_00005	0.8 mL	2-Butanone (MEK)	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL
					VM569723S_00008	2 mL	2-Chloroethyl vinyl ether	50 ug/mL
					VM569724S_00029	1 mL	Vinyl acetate	50 ug/mL
					VM571992S_00006	2 mL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Canton

Job No.: 240-134314-1

SDG No.: Waste Char

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromochloromethane	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Dibromomethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl-tert-butyl Ether (MTBE)	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							p-Isopropyltoluene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butyl alcohol (TBA)	500 ug/mL
							tert-Butylbenzene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Canton

Job No.: 240-134314-1

SDG No.: Waste Char

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	100 ug/mL
..VM569721S_00005	12/31/20		Restek, Lot A0133078			(Purchased Reagent)	2-Butanone (MEK)	12500 ug/mL
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone (MIBK)	12500 ug/mL
							Acetone	12500 ug/mL
..VM569723S_00008	11/30/21		Restek, Lot A0143264			(Purchased Reagent)	2-Chloroethyl vinyl ether	2500 ug/mL
..VM569724S_00029	09/30/21		Restek, Lot A0158728			(Purchased Reagent)	Vinyl acetate	5000 ug/mL
..VM571992S_00006	06/30/21		Restek, Lot A0144202			(Purchased Reagent)	1,1,1,2-Tetrachloroethane	2500 ug/mL
							1,1,1-Trichloroethane	2500 ug/mL
							1,1,2,2-Tetrachloroethane	2500 ug/mL
							1,1,2-Trichloro-1,2,2-trifluor oethane	2500 ug/mL
							1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							1,1-Dichloropropene	2500 ug/mL
							1,2,3-Trichlorobenzene	2500 ug/mL
							1,2,3-Trichloropropene	2500 ug/mL
							1,2,4-Trichlorobenzene	2500 ug/mL
							1,2,4-Trimethylbenzene	2500 ug/mL
							1,2-Dibromo-3-Chloropropene	2500 ug/mL
							1,2-Dibromoethane	2500 ug/mL
							1,2-Dichlorobenzene	2500 ug/mL
							1,2-Dichloroethane	2500 ug/mL
							1,2-Dichloropropene	2500 ug/mL
							1,3-Dichlorobenzene	2500 ug/mL
							1,3-Dichloropropene	2500 ug/mL
							1,4-Dichlorobenzene	2500 ug/mL
							2,2-Dichloropropene	2500 ug/mL
							2-Chlorotoluene	2500 ug/mL
							4-Chlorotoluene	2500 ug/mL
							Benzene	2500 ug/mL
							Bromobenzene	2500 ug/mL
							Bromochloromethane	2500 ug/mL
							Bromodichloromethane	2500 ug/mL
							Bromoform	2500 ug/mL
							Carbon disulfide	2500 ug/mL
							Carbon tetrachloride	2500 ug/mL
							Chlorobenzene	2500 ug/mL
							Chloroform	2500 ug/mL
							cis-1,2-Dichloroethene	2500 ug/mL
							cis-1,3-Dichloropropene	2500 ug/mL
							Dibromochloromethane	2500 ug/mL
							Dibromomethane	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Canton

Job No.: 240-134314-1

SDG No.: Waste Char

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Ethylbenzene	2500 ug/mL
							Hexachlorobutadiene	2500 ug/mL
							Isopropylbenzene	2500 ug/mL
							m-Xylene & p-Xylene	2500 ug/mL
							Methyl-tert-butyl Ether (MTBE)	2500 ug/mL
							Methylene Chloride	2500 ug/mL
							n-Butylbenzene	2500 ug/mL
							N-Propylbenzene	2500 ug/mL
							Naphthalene	2500 ug/mL
							o-Xylene	2500 ug/mL
							p-Isopropyltoluene	2500 ug/mL
							sec-Butylbenzene	2500 ug/mL
							Styrene	2500 ug/mL
							tert-Butyl alcohol (TBA)	25000 ug/mL
							tert-Butylbenzene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL
							Toluene	2500 ug/mL
							trans-1,2-Dichloroethene	2500 ug/mL
							trans-1,3-Dichloropropene	2500 ug/mL
							Trichloroethene	2500 ug/mL
							Xylenes, Total	5000 ug/mL
VMFASPW_00361	08/13/20	08/06/20	MEOH, Lot n/a	5 mL	VMRFASP_00068	5 mL	2-Butanone (MEK)	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL
							2-Chloroethyl vinyl ether	50 ug/mL
							Vinyl acetate	50 ug/mL
							1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							2,2-Dichloropropane	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Canton

Job No.: 240-134314-1

SDG No.: Waste Char

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Chlorotoluene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromochloromethane	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Dibromomethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl-tert-butyl Ether (MTBE)	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							p-Isopropyltoluene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butyl alcohol (TBA)	500 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	100 ug/mL
.VMRFASP_00068	11/05/20	08/05/20	MEOH, Lot 0000230446	100 mL	VM569721S_00005	0.8 mL	2-Butanone (MEK)	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL
					VM569723S_00008	2 mL	2-Chloroethyl vinyl ether	50 ug/mL
					VM569724S_00029	1 mL	Vinyl acetate	50 ug/mL
					VM571992S_00006	2 mL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Canton

Job No.: 240-134314-1

SDG No.: Waste Char

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromochloromethane	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Dibromomethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl-tert-butyl Ether (MTBE)	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							p-Isopropyltoluene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butyl alcohol (TBA)	500 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Canton

Job No.: 240-134314-1

SDG No.: Waste Char

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	100 ug/mL
..VM569721S_00005	12/31/20		Restek, Lot A0133078		(Purchased Reagent)		2-Butanone (MEK)	12500 ug/mL
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone (MIBK)	12500 ug/mL
							Acetone	12500 ug/mL
..VM569723S_00008	11/30/21		Restek, Lot A0143264		(Purchased Reagent)		2-Chloroethyl vinyl ether	2500 ug/mL
..VM569724S_00029	09/30/21		Restek, Lot A0158728		(Purchased Reagent)		Vinyl acetate	5000 ug/mL
..VM571992S_00006	06/30/21		Restek, Lot A0144202		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2500 ug/mL
							1,1,1-Trichloroethane	2500 ug/mL
							1,1,2,2-Tetrachloroethane	2500 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	2500 ug/mL
							1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							1,1-Dichloropropene	2500 ug/mL
							1,2,3-Trichlorobenzene	2500 ug/mL
							1,2,3-Trichloropropane	2500 ug/mL
							1,2,4-Trichlorobenzene	2500 ug/mL
							1,2,4-Trimethylbenzene	2500 ug/mL
							1,2-Dibromo-3-Chloropropane	2500 ug/mL
							1,2-Dibromoethane	2500 ug/mL
							1,2-Dichlorobenzene	2500 ug/mL
							1,2-Dichloroethane	2500 ug/mL
							1,2-Dichloropropane	2500 ug/mL
							1,3-Dichlorobenzene	2500 ug/mL
							1,3-Dichloropropane	2500 ug/mL
							1,4-Dichlorobenzene	2500 ug/mL
							2,2-Dichloropropane	2500 ug/mL
							2-Chlorotoluene	2500 ug/mL
							4-Chlorotoluene	2500 ug/mL
							Benzene	2500 ug/mL
							Bromobenzene	2500 ug/mL
							Bromochloromethane	2500 ug/mL
							Bromodichloromethane	2500 ug/mL
							Bromoform	2500 ug/mL
							Carbon disulfide	2500 ug/mL
							Carbon tetrachloride	2500 ug/mL
							Chlorobenzene	2500 ug/mL
							Chloroform	2500 ug/mL
							cis-1,2-Dichloroethene	2500 ug/mL
							cis-1,3-Dichloropropene	2500 ug/mL
							Dibromochloromethane	2500 ug/mL
							Dibromomethane	2500 ug/mL
							Ethylbenzene	2500 ug/mL
							Hexachlorobutadiene	2500 ug/mL
							Isopropylbenzene	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Canton

Job No.: 240-134314-1

SDG No.: Waste Char

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							m-Xylene & p-Xylene	2500 ug/mL
							Methyl-tert-butyl Ether (MTBE)	2500 ug/mL
							Methylene Chloride	2500 ug/mL
							n-Butylbenzene	2500 ug/mL
							N-Propylbenzene	2500 ug/mL
							Naphthalene	2500 ug/mL
							o-Xylene	2500 ug/mL
							p-Isopropyltoluene	2500 ug/mL
							sec-Butylbenzene	2500 ug/mL
							Styrene	2500 ug/mL
							tert-Butyl alcohol (TBA)	25000 ug/mL
							tert-Butylbenzene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL
							Toluene	2500 ug/mL
							trans-1,2-Dichloroethene	2500 ug/mL
							trans-1,3-Dichloropropene	2500 ug/mL
							Trichloroethene	2500 ug/mL
							Xylenes, Total	5000 ug/mL
VMRA9W_00355	08/07/20	08/01/20	MEOH, Lot NA	5 mL	VMRA9_00032	5 mL	Cyclohexanone	500 ug/mL
							Pentachloroethane	100 ug/mL
							1-Methylnaphthalene	100 ug/mL
							2-Methylnaphthalene	100 ug/mL
							1,2,3-Trimethylbenzene	50 ug/mL
							1,3,5-Trichlorobenzene	50 ug/mL
							1-Chlorohexane	50 ug/mL
							2-Chloro-1,3-butadiene	50 ug/mL
							2-Nitropropane	100 ug/mL
							Benzyl chloride	50 ug/mL
							Isooctane	50 ug/mL
							Methacrylonitrile	500 ug/mL
							n-Butanol	1250 ug/mL
							Ethyl acetate	100 ug/mL
							Ethyl acrylate	50 ug/mL
							Methyl methacrylate	100 ug/mL
							n-Butyl acetate	50 ug/mL
							Acetonitrile	500 ug/mL
							Diisopropyl ether	50 ug/mL
							Ethyl tert-Butyl Ether (ETBE)	50 ug/mL
							Propionitrile	500 ug/mL
							Tert-amyl methyl ether	50 ug/mL
.VMRA9_00032	01/31/21	07/31/20	MEOH, Lot 0000230446	50 mL	VM569727_00004	1 mL	Cyclohexanone	500 ug/mL
					vm570806_00005	2 mL	Pentachloroethane	100 ug/mL
					vm570807_00005	2 mL	1-Methylnaphthalene	100 ug/mL
							2-Methylnaphthalene	100 ug/mL
					VM570808_00006	1 mL	1,2,3-Trimethylbenzene	50 ug/mL
							1,3,5-Trichlorobenzene	50 ug/mL
							1-Chlorohexane	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Canton

Job No.: 240-134314-1

SDG No.: Waste Char

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Chloro-1,3-butadiene	50 ug/mL
							2-Nitropropane	100 ug/mL
							Benzyl chloride	50 ug/mL
							Isooctane	50 ug/mL
							Methacrylonitrile	500 ug/mL
							n-Butanol	1250 ug/mL
					VM570809_00007	1 mL	Ethyl acetate	100 ug/mL
							Ethyl acrylate	50 ug/mL
							Methyl methacrylate	100 ug/mL
							n-Butyl acetate	50 ug/mL
					VM571993_00004	1 mL	Acetonitrile	500 ug/mL
							Diisopropyl ether	50 ug/mL
							Ethyl tert-Butyl Ether (ETBE)	50 ug/mL
							Propionitrile	500 ug/mL
							Tert-amyl methyl ether	50 ug/mL
..VM569727_00004	01/31/22		RESTEK, Lot A0145193		(Purchased Reagent)		Cyclohexanone	25000 ug/mL
..vm570806_00005	08/31/23		Restek, Lot A0140938		(Purchased Reagent)		Pentachloroethane	2500 ug/mL
..vm570807_00005	04/30/22		Restek, Lot A0126478		(Purchased Reagent)		1-Methylnaphthalene	2500 ug/mL
							2-Methylnaphthalene	2500 ug/mL
..VM570808_00006	05/31/21		Restek, Lot A0154734		(Purchased Reagent)		1,2,3-Trimethylbenzene	2500 ug/mL
							1,3,5-Trichlorobenzene	2500 ug/mL
							1-Chlorohexane	2500 ug/mL
							2-Chloro-1,3-butadiene	2500 ug/mL
							2-Nitropropane	5000 ug/mL
							Benzyl chloride	2500 ug/mL
							Isooctane	2500 ug/mL
							Methacrylonitrile	25000 ug/mL
							n-Butanol	62500 ug/mL
..VM570809_00007	06/30/21		Restek, Lot A0156071		(Purchased Reagent)		Ethyl acetate	5000 ug/mL
							Ethyl acrylate	2500 ug/mL
							Methyl methacrylate	5000 ug/mL
							n-Butyl acetate	2500 ug/mL
..VM571993_00004	03/31/22		restek, Lot A0158947		(Purchased Reagent)		Acetonitrile	25000 ug/mL
							Diisopropyl ether	2500 ug/mL
							Ethyl tert-Butyl Ether (ETBE)	2500 ug/mL
							Propionitrile	25000 ug/mL
							Tert-amyl methyl ether	2500 ug/mL
VMRA9W_00356	08/15/20	08/08/20	MEOH, Lot NA	5 mL	VMRA9_00032	5 mL	1,2,3-Trimethylbenzene	50 ug/mL
							Diisopropyl ether	50 ug/mL
							Ethyl tert-Butyl Ether (ETBE)	50 ug/mL
							Tert-amyl methyl ether	50 ug/mL
.VMRA9_00032	01/31/21	07/31/20	MEOH, Lot 0000230446	50 mL	VM570808_00006	1 mL	1,2,3-Trimethylbenzene	50 ug/mL
					VM571993_00004	1 mL	Diisopropyl ether	50 ug/mL
							Ethyl tert-Butyl Ether (ETBE)	50 ug/mL
							Tert-amyl methyl ether	50 ug/mL
..VM570808_00006	05/31/21		Restek, Lot A0154734		(Purchased Reagent)		1,2,3-Trimethylbenzene	2500 ug/mL
..VM571993_00004	03/31/22		restek, Lot A0158947		(Purchased Reagent)		Diisopropyl ether	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1

SDG No.: Waste Char

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Ethyl tert-Butyl Ether (ETBE)	2500 ug/mL
							Tert-amyl methyl ether	2500 ug/mL
VMRGAS_00349	08/07/20	07/31/20	MEOH, Lot 0000230446	10 mL	vm569722_00015	0.2 mL	Bromomethane	50 ug/mL
							Butadiene	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Dichlorofluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.vm569722_00015	11/30/22		Restek, Lot A0154679			(Purchased Reagent)	Bromomethane	2500 ug/mL
							Butadiene	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Dichlorodifluoromethane	2500 ug/mL
							Dichlorofluoromethane	2500 ug/mL
							Trichlorofluoromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
VMRGAS_00350	08/15/20	08/08/20	MEOH, Lot 0000230446	10 mL	vm569722_00017	0.2 mL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.vm569722_00017	03/31/23		Restek, Lot A0159085			(Purchased Reagent)	Bromomethane	2500 ug/mL
							Chloroethane	2500 ug/mL
							Chloromethane	2500 ug/mL
							Dichlorodifluoromethane	2500 ug/mL
							Trichlorofluoromethane	2500 ug/mL
							Vinyl chloride	2500 ug/mL
VMRPRIMW_00397	08/06/20	07/30/20	MEOH, Lot NA	5 mL	VMRPRIM_00046	5 mL	2-Butanone (MEK)	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL
							2-Chloroethyl vinyl ether	100 ug/mL
							Vinyl acetate	50 ug/mL
							1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Canton

Job No.: 240-134314-1

SDG No.: Waste Char

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							1,4-Dioxane	1000 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							3-Chloro-1-propene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							Acrylonitrile	500 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromochloromethane	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Cyclohexane	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Dibromomethane	50 ug/mL
							Ethyl ether	50 ug/mL
							Ethyl methacrylate	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Hexane	50 ug/mL
							Iodomethane	50 ug/mL
							Isobutyl alcohol	1250 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl acetate	100 ug/mL
							Methyl-tert-butyl Ether (MTBE)	50 ug/mL
							Methylcyclohexane	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							n-Heptane	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Canton

Job No.: 240-134314-1

SDG No.: Waste Char

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration							
					Reagent ID	Volume Added									
							o-Xylene	50 ug/mL							
							p-Isopropyltoluene	50 ug/mL							
							sec-Butylbenzene	50 ug/mL							
							Styrene	50 ug/mL							
							tert-Butyl alcohol (TBA)	500 ug/mL							
							tert-Butylbenzene	50 ug/mL							
							Tetrachloroethene	50 ug/mL							
							Tetrahydrofuran	100 ug/mL							
							Toluene	50 ug/mL							
							trans-1,2-Dichloroethene	50 ug/mL							
							trans-1,3-Dichloropropene	50 ug/mL							
							trans-1,4-Dichloro-2-butene	50 ug/mL							
							Trichloroethene	50 ug/mL							
							2-Butanone (MEK)	100 ug/mL							
.VMRPRIM_00046	09/30/20	06/30/20	MEOH, Lot 0000230446	50 mL	VM569721_00006	0.4 mL	2-Hexanone	100 ug/mL							
							4-Methyl-2-pentanone (MIBK)	100 ug/mL							
							Acetone	100 ug/mL							
							2-Chloroethyl vinyl ether	100 ug/mL							
							VM569723_00008	2 mL	Vinyl acetate	50 ug/mL					
							VM569724_00024	0.5 mL	1,1,1,2-Tetrachloroethane	50 ug/mL					
							VM571992_00003						1 mL	1,1,1-Trichloroethane	50 ug/mL
														1,1,2,2-Tetrachloroethane	50 ug/mL
														1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
														1,1,2-Trichloroethane	50 ug/mL
														1,1-Dichloroethane	50 ug/mL
														1,1-Dichloroethene	50 ug/mL
														1,1-Dichloropropene	50 ug/mL
														1,2,3-Trichlorobenzene	50 ug/mL
1,2,3-Trichloropropane	50 ug/mL														
1,2,4-Trichlorobenzene	50 ug/mL														
1,2,4-Trimethylbenzene	50 ug/mL														
1,2-Dibromo-3-Chloropropane	50 ug/mL														
1,2-Dibromoethane	50 ug/mL														
1,2-Dichlorobenzene	50 ug/mL														
1,2-Dichloroethane	50 ug/mL														
1,2-Dichloropropane	50 ug/mL														
1,3,5-Trimethylbenzene	50 ug/mL														
1,3-Dichlorobenzene	50 ug/mL														
1,3-Dichloropropane	50 ug/mL														
1,4-Dichlorobenzene	50 ug/mL														
1,4-Dioxane	1000 ug/mL														
2,2-Dichloropropane	50 ug/mL														
2-Chlorotoluene	50 ug/mL														
3-Chloro-1-propene	50 ug/mL														
4-Chlorotoluene	50 ug/mL														
Acrylonitrile	500 ug/mL														
Benzene	50 ug/mL														

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Canton

Job No.: 240-134314-1

SDG No.: Waste Char

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bromobenzene	50 ug/mL
							Bromochloromethane	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Cyclohexane	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Dibromomethane	50 ug/mL
							Ethyl ether	50 ug/mL
							Ethyl methacrylate	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Hexane	50 ug/mL
							Iodomethane	50 ug/mL
							Isobutyl alcohol	1250 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl acetate	100 ug/mL
							Methyl-tert-butyl Ether (MTBE)	50 ug/mL
							Methylcyclohexane	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							n-Heptane	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							p-Isopropyltoluene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butyl alcohol (TBA)	500 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Tetrahydrofuran	100 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
							Trichloroethene	50 ug/mL
..VM569721_00006	04/30/21		Restek, Lot A0137509			(Purchased Reagent)	2-Butanone (MEK)	12500 ug/mL
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone (MIBK)	12500 ug/mL
							Acetone	12500 ug/mL
..VM569723_00008	02/28/22		restek, Lot A0146250			(Purchased Reagent)	2-Chloroethyl vinyl ether	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Canton

Job No.: 240-134314-1

SDG No.: Waste Char

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..VM569724_00024	07/31/21		Restek, Lot A0156559			(Purchased Reagent)	Vinyl acetate	5000 ug/mL
..VM571992_00003	06/30/21		Restek, Lot A0143774			(Purchased Reagent)	1,1,1,2-Tetrachloroethane	2500 ug/mL
							1,1,1-Trichloroethane	2500 ug/mL
							1,1,2,2-Tetrachloroethane	2500 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	2500 ug/mL
							1,1,2-Trichloroethane	2500 ug/mL
							1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							1,1-Dichloropropene	2500 ug/mL
							1,2,3-Trichlorobenzene	2500 ug/mL
							1,2,3-Trichloropropane	2500 ug/mL
							1,2,4-Trichlorobenzene	2500 ug/mL
							1,2,4-Trimethylbenzene	2500 ug/mL
							1,2-Dibromo-3-Chloropropane	2500 ug/mL
							1,2-Dibromoethane	2500 ug/mL
							1,2-Dichlorobenzene	2500 ug/mL
							1,2-Dichloroethane	2500 ug/mL
							1,2-Dichloropropane	2500 ug/mL
							1,3,5-Trimethylbenzene	2500 ug/mL
							1,3-Dichlorobenzene	2500 ug/mL
							1,3-Dichloropropane	2500 ug/mL
							1,4-Dichlorobenzene	2500 ug/mL
							1,4-Dioxane	50000 ug/mL
							2,2-Dichloropropane	2500 ug/mL
							2-Chlorotoluene	2500 ug/mL
							3-Chloro-1-propene	2500 ug/mL
							4-Chlorotoluene	2500 ug/mL
							Acrylonitrile	25000 ug/mL
							Benzene	2500 ug/mL
							Bromobenzene	2500 ug/mL
							Bromochloromethane	2500 ug/mL
							Bromodichloromethane	2500 ug/mL
							Bromoform	2500 ug/mL
							Carbon disulfide	2500 ug/mL
							Carbon tetrachloride	2500 ug/mL
							Chlorobenzene	2500 ug/mL
							Chloroform	2500 ug/mL
							cis-1,2-Dichloroethene	2500 ug/mL
							cis-1,3-Dichloropropene	2500 ug/mL
							Cyclohexane	2500 ug/mL
							Dibromochloromethane	2500 ug/mL
							Dibromomethane	2500 ug/mL
							Ethyl ether	2500 ug/mL
							Ethyl methacrylate	2500 ug/mL
							Ethylbenzene	2500 ug/mL
							Hexachlorobutadiene	2500 ug/mL
							Hexane	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Canton

Job No.: 240-134314-1

SDG No.: Waste Char

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Iodomethane	2500 ug/mL
							Isobutyl alcohol	62500 ug/mL
							Isopropylbenzene	2500 ug/mL
							m-Xylene & p-Xylene	2500 ug/mL
							Methyl acetate	5000 ug/mL
							Methyl-tert-butyl Ether (MTBE)	2500 ug/mL
							Methylcyclohexane	2500 ug/mL
							Methylene Chloride	2500 ug/mL
							n-Butylbenzene	2500 ug/mL
							n-Heptane	2500 ug/mL
							N-Propylbenzene	2500 ug/mL
							Naphthalene	2500 ug/mL
							o-Xylene	2500 ug/mL
							p-Isopropyltoluene	2500 ug/mL
							sec-Butylbenzene	2500 ug/mL
							Styrene	2500 ug/mL
							tert-Butyl alcohol (TBA)	25000 ug/mL
							tert-Butylbenzene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL
							Tetrahydrofuran	5000 ug/mL
							Toluene	2500 ug/mL
							trans-1,2-Dichloroethene	2500 ug/mL
							trans-1,3-Dichloropropene	2500 ug/mL
							trans-1,4-Dichloro-2-butene	2500 ug/mL
							Trichloroethene	2500 ug/mL
VMRPRIMW_00397	08/06/20	07/30/20	MEOH, Lot NA	5 mL	VMRPRIM_00046	5 mL	Xylenes, Total	100 ug/mL
.VMRPRIM_00046	09/30/20	06/30/20	MEOH, Lot 0000230446	50 mL	VM571992_00003	1 mL	Xylenes, Total	100 ug/mL
..VM571992_00003	06/30/21		Restek, Lot A0143774		(Purchased Reagent)		Xylenes, Total	5000 ug/mL
VMRPRIMW_00399	08/19/20	08/12/20	MEOH, Lot NA	5 mL	VMRPRIM_00046	5 mL	2-Butanone (MEK)	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL
							2-Chloroethyl vinyl ether	100 ug/mL
							Vinyl acetate	50 ug/mL
							1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Canton

Job No.: 240-134314-1

SDG No.: Waste Char

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromochloromethane	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Dibromomethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl-tert-butyl Ether (MTBE)	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							p-Isopropyltoluene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butyl alcohol (TBA)	500 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	100 ug/mL
.VMRPRIM_00046	09/30/20	06/30/20	MEOH, Lot 0000230446	50 mL	VM569721_00006	0.4 mL	2-Butanone (MEK)	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL
					VM569723_00008	2 mL	2-Chloroethyl vinyl ether	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Canton

Job No.: 240-134314-1

SDG No.: Waste Char

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					VM569724_00024	0.5 mL	Vinyl acetate	50 ug/mL
					VM571992_00003	1 mL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							4-Chlorotoluene	50 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromochloromethane	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Dibromomethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl-tert-butyl Ether (MTBE)	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							p-Isopropyltoluene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Canton

Job No.: 240-134314-1

SDG No.: Waste Char

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butyl alcohol (TBA)	500 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	100 ug/mL
..VM569721_00006	04/30/21		Restek, Lot A0137509			(Purchased Reagent)	2-Butanone (MEK)	12500 ug/mL
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone (MIBK)	12500 ug/mL
							Acetone	12500 ug/mL
..VM569723_00008	02/28/22		restek, Lot A0146250			(Purchased Reagent)	2-Chloroethyl vinyl ether	2500 ug/mL
..VM569724_00024	07/31/21		Restek, Lot A0156559			(Purchased Reagent)	Vinyl acetate	5000 ug/mL
..VM571992_00003	06/30/21		Restek, Lot A0143774			(Purchased Reagent)	1,1,1,2-Tetrachloroethane	2500 ug/mL
							1,1,1-Trichloroethane	2500 ug/mL
							1,1,2,2-Tetrachloroethane	2500 ug/mL
							1,1,2-Trichloro-1,2,2-trifluor oethane	2500 ug/mL
							1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							1,1-Dichloropropene	2500 ug/mL
							1,2,3-Trichlorobenzene	2500 ug/mL
							1,2,3-Trichloropropene	2500 ug/mL
							1,2,4-Trichlorobenzene	2500 ug/mL
							1,2,4-Trimethylbenzene	2500 ug/mL
							1,2-Dibromo-3-Chloropropene	2500 ug/mL
							1,2-Dibromoethane	2500 ug/mL
							1,2-Dichlorobenzene	2500 ug/mL
							1,2-Dichloroethane	2500 ug/mL
							1,2-Dichloropropene	2500 ug/mL
							1,3-Dichlorobenzene	2500 ug/mL
							1,3-Dichloropropene	2500 ug/mL
							1,4-Dichlorobenzene	2500 ug/mL
							2,2-Dichloropropene	2500 ug/mL
							2-Chlorotoluene	2500 ug/mL
							4-Chlorotoluene	2500 ug/mL
							Benzene	2500 ug/mL
							Bromobenzene	2500 ug/mL
							Bromochloromethane	2500 ug/mL
							Bromodichloromethane	2500 ug/mL
							Bromoform	2500 ug/mL
							Carbon disulfide	2500 ug/mL
							Carbon tetrachloride	2500 ug/mL
							Chlorobenzene	2500 ug/mL
							Chloroform	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1

SDG No.: Waste Char

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							cis-1,2-Dichloroethene	2500 ug/mL
							cis-1,3-Dichloropropene	2500 ug/mL
							Dibromochloromethane	2500 ug/mL
							Dibromomethane	2500 ug/mL
							Ethylbenzene	2500 ug/mL
							Hexachlorobutadiene	2500 ug/mL
							Isopropylbenzene	2500 ug/mL
							m-Xylene & p-Xylene	2500 ug/mL
							Methyl-tert-butyl Ether (MTBE)	2500 ug/mL
							Methylene Chloride	2500 ug/mL
							n-Butylbenzene	2500 ug/mL
							N-Propylbenzene	2500 ug/mL
							Naphthalene	2500 ug/mL
							o-Xylene	2500 ug/mL
							p-Isopropyltoluene	2500 ug/mL
							sec-Butylbenzene	2500 ug/mL
							Styrene	2500 ug/mL
							tert-Butyl alcohol (TBA)	2500 ug/mL
							tert-Butylbenzene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL
							Toluene	2500 ug/mL
							trans-1,2-Dichloroethene	2500 ug/mL
							trans-1,3-Dichloropropene	2500 ug/mL
							Trichloroethene	2500 ug/mL
							Xylenes, Total	5000 ug/mL
WCP-XYLENE_00030	03/04/21		JT Baker, Lot 210657			(Purchased Reagent)	Flashpoint	81 Degrees F

Method 8260B

Volatile Organic Compounds (GC/MS)
by Method 8260B

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1
 SDG No.: Waste Char
 Matrix: Water Level: Low
 GC Column (1): DB-624 ID: 0.18 (mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
TB-073120	240-134314-1	87	88	93	94
WC-GSPMNA-W-073120	240-134314-2	89	88	90	94
	MB 240-446785/7	89	89	92	95
	MB 240-447016/7	89	84	92	96
	LCS 240-446785/4	89	87	91	94
	LCS 240-447016/4	89	89	90	96

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

QC LIMITS
 78-129
 75-130
 69-122
 47-134

Column to be used to flag recovery values

FORM II 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Canton

Job No.: 240-134314-1

SDG No.: Waste Char

Matrix: Water Level: Low

Lab File ID: UXX9023.D

Lab ID: LCS 240-446785/4

Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Acetone	20.0	19.8	99	33-155	
Benzene	10.0	9.08	91	77-123	
Bromobenzene	10.0	9.18	92	77-120	
Bromochloromethane	10.0	8.67	87	70-128	
Bromodichloromethane	10.0	9.40	94	73-122	
Bromoform	10.0	10.4	104	47-133	
Bromomethane	10.0	9.80	98	48-144	
2-Butanone (MEK)	20.0	18.1	90	41-151	
Carbon disulfide	10.0	9.02	90	67-127	
Carbon tetrachloride	10.0	9.67	97	61-142	
Chlorobenzene	10.0	9.33	93	80-120	
Chloroethane	10.0	11.4	114	41-147	
2-Chloroethyl vinyl ether	10.0	9.20 J	92	29-146	
Chloroform	10.0	9.15	92	74-127	
Chloromethane	10.0	10.1	101	46-148	
2-Chlorotoluene	10.0	9.52	95	73-126	
4-Chlorotoluene	10.0	9.24	92	73-126	
cis-1,2-Dichloroethene	10.0	9.47	95	75-124	
cis-1,3-Dichloropropene	10.0	9.18	92	68-128	
Dibromochloromethane	10.0	9.68	97	75-120	
1,2-Dibromo-3-Chloropropane	10.0	10.2	102	34-136	
1,2-Dibromoethane	10.0	9.53	95	73-120	
Dibromomethane	10.0	9.65	96	67-121	
1,2-Dichlorobenzene	10.0	8.95	90	74-120	
1,3-Dichlorobenzene	10.0	8.76	88	74-120	
1,4-Dichlorobenzene	10.0	9.33	93	75-120	
Dichlorodifluoromethane	10.0	13.3	133	35-137	
1,1-Dichloroethane	10.0	9.29	93	74-126	
1,2-Dichloroethane	10.0	9.20	92	66-129	
1,1-Dichloroethene	10.0	9.83	98	73-129	
1,2-Dichloropropane	10.0	9.43	94	79-127	
1,3-Dichloropropane	10.0	9.48	95	74-122	
2,2-Dichloropropane	10.0	9.24	92	67-137	
1,1-Dichloropropene	10.0	8.98	90	78-120	
Ethylbenzene	10.0	9.63	96	80-120	
Hexachlorobutadiene	10.0	9.17	92	40-120	
2-Hexanone	20.0	19.1	96	43-142	
Isopropylbenzene	10.0	9.62	96	73-123	
Methylene Chloride	10.0	10.0	100	63-134	
4-Methyl-2-pentanone (MIBK)	20.0	19.0	95	43-145	
Methyl-tert-butyl Ether (MTBE)	10.0	9.15	92	57-127	
m-Xylene & p-Xylene	10.0	9.32	93	79-121	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1
 SDG No.: Waste Char
 Matrix: Water Level: Low Lab File ID: UXX9023.D
 Lab ID: LCS 240-446785/4 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Naphthalene	10.0	9.26	93	28-130	
n-Butylbenzene	10.0	9.44	94	54-129	
N-Propylbenzene	10.0	9.23	92	67-130	
o-Xylene	10.0	9.48	95	75-123	
p-Isopropyltoluene	10.0	9.85	98	66-127	
sec-Butylbenzene	10.0	9.66	97	60-131	
Styrene	10.0	9.42	94	75-121	
tert-Butyl alcohol (TBA)	100	90.4	90	15-169	
tert-Butylbenzene	10.0	9.48	95	63-126	
1,1,1,2-Tetrachloroethane	10.0	9.61	96	77-120	
1,1,2,2-Tetrachloroethane	10.0	9.47	95	45-151	
Tetrachloroethene	10.0	9.58	96	70-125	
Toluene	10.0	9.35	94	79-122	
trans-1,2-Dichloroethene	10.0	8.82	88	74-130	
trans-1,3-Dichloropropene	10.0	8.91	89	64-120	
1,2,3-Trichlorobenzene	10.0	9.33	93	42-126	
1,2,4-Trichlorobenzene	10.0	9.25	93	47-120	
1,1,1-Trichloroethane	10.0	9.26	93	65-141	
Trichloroethene	10.0	9.11	91	71-121	
Trichlorofluoromethane	10.0	11.0	110	52-148	
1,2,3-Trichloropropane	10.0	10.1	101	57-137	
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	10.4	104	54-148	
1,2,4-Trimethylbenzene	10.0	9.42	94	66-129	
Vinyl acetate	10.0	8.04	80	44-160	
Vinyl chloride	10.0	10.9	109	61-134	
Xylenes, Total	20.0	18.8	94	78-122	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Canton

Job No.: 240-134314-1

SDG No.: Waste Char

Matrix: Water Level: Low

Lab File ID: UXX9051.D

Lab ID: LCS 240-447016/4

Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Acetone	20.0	21.0	105	33-155	
Benzene	10.0	9.33	93	77-123	
Bromobenzene	10.0	8.87	89	77-120	
Bromochloromethane	10.0	8.87	89	70-128	
Bromodichloromethane	10.0	9.52	95	73-122	
Bromoform	10.0	10.6	106	47-133	
Bromomethane	10.0	8.55	86	48-144	
2-Butanone (MEK)	20.0	17.5	88	41-151	
Carbon disulfide	10.0	9.05	90	67-127	
Carbon tetrachloride	10.0	9.97	100	61-142	
Chlorobenzene	10.0	9.38	94	80-120	
Chloroethane	10.0	10.8	108	41-147	
2-Chloroethyl vinyl ether	10.0	9.50 J	95	29-146	
Chloroform	10.0	9.55	95	74-127	
Chloromethane	10.0	8.58	86	46-148	
2-Chlorotoluene	10.0	9.37	94	73-126	
4-Chlorotoluene	10.0	9.18	92	73-126	
cis-1,2-Dichloroethene	10.0	9.55	96	75-124	
cis-1,3-Dichloropropene	10.0	9.51	95	68-128	
Dibromochloromethane	10.0	9.88	99	75-120	
1,2-Dibromo-3-Chloropropane	10.0	11.8	118	34-136	
1,2-Dibromoethane	10.0	9.84	98	73-120	
Dibromomethane	10.0	10.1	101	67-121	
1,2-Dichlorobenzene	10.0	9.45	95	74-120	
1,3-Dichlorobenzene	10.0	9.15	92	74-120	
1,4-Dichlorobenzene	10.0	9.58	96	75-120	
Dichlorodifluoromethane	10.0	12.1	121	35-137	
1,1-Dichloroethane	10.0	9.52	95	74-126	
1,2-Dichloroethane	10.0	9.64	96	66-129	
1,1-Dichloroethene	10.0	9.45	95	73-129	
1,2-Dichloropropane	10.0	9.57	96	79-127	
1,3-Dichloropropane	10.0	9.45	95	74-122	
2,2-Dichloropropane	10.0	9.66	97	67-137	
1,1-Dichloropropene	10.0	9.25	92	78-120	
Ethylbenzene	10.0	9.76	98	80-120	
Hexachlorobutadiene	10.0	9.83	98	40-120	
2-Hexanone	20.0	18.8	94	43-142	
Isopropylbenzene	10.0	9.80	98	73-123	
Methylene Chloride	10.0	10.8	108	63-134	
4-Methyl-2-pentanone (MIBK)	20.0	18.8	94	43-145	
Methyl-tert-butyl Ether (MTBE)	10.0	9.40	94	57-127	
m-Xylene & p-Xylene	10.0	9.56	96	79-121	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1

SDG No.: Waste Char

Matrix: Water Level: Low Lab File ID: UXX9051.D

Lab ID: LCS 240-447016/4 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Naphthalene	10.0	9.25	92	28-130	
n-Butylbenzene	10.0	9.47	95	54-129	
N-Propylbenzene	10.0	9.12	91	67-130	
o-Xylene	10.0	9.47	95	75-123	
p-Isopropyltoluene	10.0	9.89	99	66-127	
sec-Butylbenzene	10.0	9.76	98	60-131	
Styrene	10.0	9.60	96	75-121	
tert-Butyl alcohol (TBA)	100	92.9	93	15-169	
tert-Butylbenzene	10.0	9.34	93	63-126	
1,1,1,2-Tetrachloroethane	10.0	9.41	94	77-120	
1,1,2,2-Tetrachloroethane	10.0	9.03	90	45-151	
Tetrachloroethene	10.0	9.62	96	70-125	
Toluene	10.0	9.35	94	79-122	
trans-1,2-Dichloroethene	10.0	9.21	92	74-130	
trans-1,3-Dichloropropene	10.0	9.11	91	64-120	
1,2,3-Trichlorobenzene	10.0	9.59	96	42-126	
1,2,4-Trichlorobenzene	10.0	9.22	92	47-120	
1,1,1-Trichloroethane	10.0	9.64	96	65-141	
Trichloroethene	10.0	9.20	92	71-121	
Trichlorofluoromethane	10.0	9.92	99	52-148	
1,2,3-Trichloropropane	10.0	9.73	97	57-137	
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	10.6	106	54-148	
1,2,4-Trimethylbenzene	10.0	9.52	95	66-129	
Vinyl acetate	10.0	8.65	87	44-160	
Vinyl chloride	10.0	9.99	100	61-134	
Xylenes, Total	20.0	19.0	95	78-122	

Column to be used to flag recovery and RPD values

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1
 SDG No.: Waste Char
 Lab File ID: UXX9026.D Lab Sample ID: MB 240-446785/7
 Matrix: Water Heated Purge: (Y/N) N
 Instrument ID: A3UX10 Date Analyzed: 08/12/2020 15:24
 GC Column: DB-624 ID: 0.18 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 240-446785/4	UXX9023.D	08/12/2020 14:10
TB-073120	240-134314-1	UXX9043.D	08/12/2020 22:27

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1
 SDG No.: Waste Char
 Lab File ID: UXX9054.D Lab Sample ID: MB 240-447016/7
 Matrix: Water Heated Purge: (Y/N) N
 Instrument ID: A3UX10 Date Analyzed: 08/13/2020 14:46
 GC Column: DB-624 ID: 0.18 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 240-447016/4	UXX9051.D	08/13/2020 13:31
WC-GSPMNA-W-073120	240-134314-2	UXX9060.D	08/13/2020 17:16

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1
 SDG No.: Waste Char
 Lab File ID: BFB1915.D BFB Injection Date: 08/04/2020
 Instrument ID: A3UX10 BFB Injection Time: 14:13
 Analysis Batch No.: 445581

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	30.4
75	30.0 - 60.0 % of mass 95	53.2
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	6.4
173	Less than 2.0 % of mass 174	0.2 (0.3) 1
174	50.0 - 120.00 % of mass 95	61.9
175	5.0 - 9.0 % of mass 174	4.6 (7.4) 1
176	95.0 - 101.0 % of mass 174	60.9 (98.4) 1
177	5.0 - 9.0 % of mass 176	4.1 (6.7) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD8260 240-445581/2	UXX8977.D	08/04/2020	14:54
	STD8260 240-445581/3	UXX8978.D	08/04/2020	15:19
	STD8260 240-445581/4	UXX8979.D	08/04/2020	15:44
	STD8260 240-445581/5	UXX8980.D	08/04/2020	16:09
	STD8260 240-445581/6	UXX8981.D	08/04/2020	16:34
	STD8260 240-445581/7	UXX8982.D	08/04/2020	16:59
	STD8260 240-445581/8	UXX8983.D	08/04/2020	17:24
	ICV 240-445581/9	UXX8984.D	08/04/2020	17:48
	STDA9 240-445581/10	UXX8985.D	08/04/2020	18:13
	STDA9 240-445581/11	UXX8986.D	08/04/2020	18:38
	STDA9 240-445581/12	UXX8987.D	08/04/2020	19:03
	STDA9 240-445581/13	UXX8988.D	08/04/2020	19:28
	STDA9 240-445581/14	UXX8989.D	08/04/2020	19:53
	STDA9 240-445581/15	UXX8990.D	08/04/2020	20:18
	STDA9 240-445581/16	UXX8991.D	08/04/2020	20:43
	ICV 240-445581/17	UXX8992.D	08/04/2020	21:08

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1
 SDG No.: Waste Char
 Lab File ID: BFB1919.D BFB Injection Date: 08/12/2020
 Instrument ID: A3UX10 BFB Injection Time: 12:51
 Analysis Batch No.: 446785

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	28.0
75	30.0 - 60.0 % of mass 95	50.7
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	6.5
173	Less than 2.0 % of mass 174	0.3 (0.5) 1
174	50.0 - 120.00 % of mass 95	66.8
175	5.0 - 9.0 % of mass 174	4.8 (7.1) 1
176	95.0 - 101.0 % of mass 174	65.7 (98.3) 1
177	5.0 - 9.0 % of mass 176	4.4 (6.8) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 240-446785/2	UXX9021.D	08/12/2020	13:22
	CCV 240-446785/3	UXX9022.D	08/12/2020	13:46
	LCS 240-446785/4	UXX9023.D	08/12/2020	14:10
	MB 240-446785/7	UXX9026.D	08/12/2020	15:24
TB-073120	240-134314-1	UXX9043.D	08/12/2020	22:27

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1
 SDG No.: Waste Char
 Lab File ID: BFB1921.D BFB Injection Date: 08/13/2020
 Instrument ID: A3UX10 BFB Injection Time: 12:14
 Analysis Batch No.: 447016

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	29.1
75	30.0 - 60.0 % of mass 95	51.7
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	6.7
173	Less than 2.0 % of mass 174	0.1 (0.2) 1
174	50.0 - 120.00 % of mass 95	66.7
175	5.0 - 9.0 % of mass 174	4.7 (7.1) 1
176	95.0 - 101.0 % of mass 174	65.3 (97.9) 1
177	5.0 - 9.0 % of mass 176	4.1 (6.3) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 240-447016/2	UXX9049.D	08/13/2020	12:41
	CCV 240-447016/3	UXX9050.D	08/13/2020	13:06
	LCS 240-447016/4	UXX9051.D	08/13/2020	13:31
	MB 240-447016/7	UXX9054.D	08/13/2020	14:46
WC-GSPMNA-W-073120	240-134314-2	UXX9060.D	08/13/2020	17:16

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1
 SDG No.: Waste Char
 Sample No.: STD8260 240-445581/4 Date Analyzed: 08/04/2020 15:44
 Instrument ID: A3UX10 GC Column: DB-624 ID: 0.18 (mm)
 Lab File ID (Standard): UXX8979.D Heated Purge: (Y/N) N
 Calibration ID: 57998

	FB		CBNZd5		DCBd4	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT	461720	4.98	276274	7.64	95100	9.86
UPPER LIMIT	923440	5.48	552548	8.14	190200	10.36
LOWER LIMIT	230860	4.48	138137	7.14	47550	9.36
LAB SAMPLE ID	CLIENT SAMPLE ID					
ICV 240-445581/9	451652	4.97	279247	7.64	95912	9.86
ICV 240-445581/17	417497	4.97	256971	7.64	91762	9.87
CCVIS 240-446785/2	488055	4.97	299572	7.65	100309	9.87
CCVIS 240-447016/2	421500	4.96	257464	7.64	95269	9.87

FB = Fluorobenzene

CBNZd5 = Chlorobenzene-d5

DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area

RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1
 SDG No.: Waste Char
 Sample No.: CCVIS 240-446785/2 Date Analyzed: 08/12/2020 13:22
 Instrument ID: A3UX10 GC Column: DB-624 ID: 0.18 (mm)
 Lab File ID (Standard): UXX9021.D Heated Purge: (Y/N) N
 Calibration ID: 58000

	FB		CBNZd5		DCBd4		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD	488055	4.97	299572	7.65	100309	9.87	
UPPER LIMIT	976110	5.47	599144	8.15	200618	10.37	
LOWER LIMIT	244028	4.47	149786	7.15	50155	9.37	
LAB SAMPLE ID	CLIENT SAMPLE ID						
CCV 240-446785/3	446303	4.96	277243	7.64	94518	9.86	
LCS 240-446785/4	455876	4.97	274355	7.65	98654	9.87	
MB 240-446785/7	409141	4.96	250593	7.64	92413	9.87	
240-134314-1	TB-073120	399642	4.97	240791	7.64	87201	9.87

FB = Fluorobenzene

CBNZd5 = Chlorobenzene-d5

DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area

RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1
 SDG No.: Waste Char
 Sample No.: CCVIS 240-447016/2 Date Analyzed: 08/13/2020 12:41
 Instrument ID: A3UX10 GC Column: DB-624 ID: 0.18 (mm)
 Lab File ID (Standard): UXX9049.D Heated Purge: (Y/N) N
 Calibration ID: 58000

	FB		CBNZd5		DCBd4		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD	421500	4.96	257464	7.64	95269	9.87	
UPPER LIMIT	843000	5.46	514928	8.14	190538	10.37	
LOWER LIMIT	210750	4.46	128732	7.14	47635	9.37	
LAB SAMPLE ID	CLIENT SAMPLE ID						
CCV 240-447016/3	412220	4.97	253801	7.65	92740	9.87	
LCS 240-447016/4	407295	4.96	248815	7.64	94596	9.87	
MB 240-447016/7	401555	4.97	244110	7.65	92190	9.87	
240-134314-2	WC-GSPMNA-W-073120	389799	4.97	241383	7.65	86524	9.87

FB = Fluorobenzene

CBNZd5 = Chlorobenzene-d5

DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area

RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1
 SDG No.: Waste Char
 Client Sample ID: TB-073120 Lab Sample ID: 240-134314-1
 Matrix: Water Lab File ID: UXX9043.D
 Analysis Method: 8260B Date Collected: 07/31/2020 00:00
 Sample wt/vol: 5(mL) Date Analyzed: 08/12/2020 22:27
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 446785 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	5.4	U	10	5.4
71-43-2	Benzene	0.38	U	1.0	0.38
108-86-1	Bromobenzene	0.38	U	1.0	0.38
74-97-5	Bromochloromethane	0.52	U	1.0	0.52
75-27-4	Bromodichloromethane	0.35	U	1.0	0.35
75-25-2	Bromoform	0.76	U	1.0	0.76
74-83-9	Bromomethane	0.42	U	1.0	0.42
78-93-3	2-Butanone (MEK)	2.4	U	10	2.4
75-15-0	Carbon disulfide	0.28	U	1.0	0.28
56-23-5	Carbon tetrachloride	0.26	U	1.0	0.26
108-90-7	Chlorobenzene	0.32	U	1.0	0.32
75-00-3	Chloroethane	0.83	U	1.0	0.83
110-75-8	2-Chloroethyl vinyl ether	1.1	U	10	1.1
67-66-3	Chloroform	0.40	U	1.0	0.40
74-87-3	Chloromethane	0.64	U	1.0	0.64
95-49-8	2-Chlorotoluene	0.42	U	1.0	0.42
106-43-4	4-Chlorotoluene	0.44	U	1.0	0.44
156-59-2	cis-1,2-Dichloroethene	0.38	U	1.0	0.38
10061-01-5	cis-1,3-Dichloropropene	0.61	U	1.0	0.61
124-48-1	Dibromochloromethane	0.39	U	1.0	0.39
96-12-8	1,2-Dibromo-3-Chloropropane	0.91	U	2.0	0.91
106-93-4	1,2-Dibromoethane	0.37	U	1.0	0.37
74-95-3	Dibromomethane	0.33	U	1.0	0.33
95-50-1	1,2-Dichlorobenzene	0.43	U	1.0	0.43
541-73-1	1,3-Dichlorobenzene	0.40	U	1.0	0.40
106-46-7	1,4-Dichlorobenzene	0.37	U	1.0	0.37
75-71-8	Dichlorodifluoromethane	0.35	U	1.0	0.35
75-34-3	1,1-Dichloroethane	0.41	U	1.0	0.41
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
75-35-4	1,1-Dichloroethene	0.46	U	1.0	0.46
78-87-5	1,2-Dichloropropane	0.37	U	1.0	0.37
142-28-9	1,3-Dichloropropane	0.21	U	1.0	0.21
594-20-7	2,2-Dichloropropane	0.95	U	1.0	0.95
563-58-6	1,1-Dichloropropene	0.37	U	1.0	0.37
108-20-3	Diisopropyl ether	0.36	U	10	0.36
100-41-4	Ethylbenzene	0.39	U	1.0	0.39

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1
 SDG No.: Waste Char
 Client Sample ID: TB-073120 Lab Sample ID: 240-134314-1
 Matrix: Water Lab File ID: UXX9043.D
 Analysis Method: 8260B Date Collected: 07/31/2020 00:00
 Sample wt/vol: 5 (mL) Date Analyzed: 08/12/2020 22:27
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 446785 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
637-92-3	Ethyl tert-Butyl Ether (ETBE)	0.43	U	5.0	0.43
87-68-3	Hexachlorobutadiene	0.83	U	1.0	0.83
591-78-6	2-Hexanone	2.1	U	10	2.1
98-82-8	Isopropylbenzene	0.45	U	1.0	0.45
75-09-2	Methylene Chloride	1.3	U	5.0	1.3
108-10-1	4-Methyl-2-pentanone (MIBK)	2.1	U	10	2.1
1634-04-4	Methyl-tert-butyl Ether (MTBE)	0.44	U	1.0	0.44
179601-23-1	m-Xylene & p-Xylene	0.40	U	2.0	0.40
91-20-3	Naphthalene	0.82	U	1.0	0.82
104-51-8	n-Butylbenzene	0.59	U	1.0	0.59
103-65-1	N-Propylbenzene	0.46	U	1.0	0.46
95-47-6	o-Xylene	0.43	U	1.0	0.43
99-87-6	p-Isopropyltoluene	0.49	U	1.0	0.49
135-98-8	sec-Butylbenzene	0.63	U	1.0	0.63
100-42-5	Styrene	0.40	U	1.0	0.40
994-05-8	Tert-amyl methyl ether	0.39	U	5.0	0.39
75-65-0	tert-Butyl alcohol (TBA)	1.7	U	40	1.7
98-06-6	tert-Butylbenzene	0.51	U	1.0	0.51
630-20-6	1,1,1,2-Tetrachloroethane	0.41	U	1.0	0.41
79-34-5	1,1,2,2-Tetrachloroethane	0.56	U	1.0	0.56
127-18-4	Tetrachloroethene	0.33	U	1.0	0.33
108-88-3	Toluene	0.35	U	1.0	0.35
156-60-5	trans-1,2-Dichloroethene	0.43	U	1.0	0.43
10061-02-6	trans-1,3-Dichloropropene	0.67	U	1.0	0.67
87-61-6	1,2,3-Trichlorobenzene	0.54	U	1.0	0.54
120-82-1	1,2,4-Trichlorobenzene	0.81	U	1.0	0.81
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-01-6	Trichloroethene	0.36	U	1.0	0.36
75-69-4	Trichlorofluoromethane	0.45	U	1.0	0.45
96-18-4	1,2,3-Trichloropropane	0.51	U	1.0	0.51
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.41	U	1.0	0.41
526-73-8	1,2,3-Trimethylbenzene	0.36	U	5.0	0.36
95-63-6	1,2,4-Trimethylbenzene	0.45	U	1.0	0.45
108-05-4	Vinyl acetate	0.78	U	2.0	0.78
75-01-4	Vinyl chloride	0.50	U	1.0	0.50

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1
 SDG No.: Waste Char
 Client Sample ID: TB-073120 Lab Sample ID: 240-134314-1
 Matrix: Water Lab File ID: UXX9043.D
 Analysis Method: 8260B Date Collected: 07/31/2020 00:00
 Sample wt/vol: 5 (mL) Date Analyzed: 08/12/2020 22:27
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 446785 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1330-20-7	Xylenes, Total	0.42	U	2.0	0.42

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	94		47-134
1868-53-7	Dibromofluoromethane (Surr)	87		78-129
17060-07-0	1,2-Dichloroethane-d4 (Surr)	88		75-130
2037-26-5	Toluene-d8 (Surr)	93		69-122

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1
 SDG No.: Waste Char
 Client Sample ID: WC-GSPMNA-W-073120 Lab Sample ID: 240-134314-2
 Matrix: Water Lab File ID: UXX9060.D
 Analysis Method: 8260B Date Collected: 07/31/2020 08:00
 Sample wt/vol: 5 (mL) Date Analyzed: 08/13/2020 17:16
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 447016 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	21		10	5.4
71-43-2	Benzene	0.38	U	1.0	0.38
108-86-1	Bromobenzene	0.38	U	1.0	0.38
74-97-5	Bromochloromethane	0.52	U	1.0	0.52
75-27-4	Bromodichloromethane	0.35	U	1.0	0.35
75-25-2	Bromoform	0.76	U	1.0	0.76
74-83-9	Bromomethane	0.42	U	1.0	0.42
78-93-3	2-Butanone (MEK)	2.4	U	10	2.4
75-15-0	Carbon disulfide	0.81	J	1.0	0.28
56-23-5	Carbon tetrachloride	0.26	U	1.0	0.26
108-90-7	Chlorobenzene	0.32	U	1.0	0.32
75-00-3	Chloroethane	0.83	U	1.0	0.83
110-75-8	2-Chloroethyl vinyl ether	1.1	U	10	1.1
67-66-3	Chloroform	2.8		1.0	0.40
74-87-3	Chloromethane	0.64	U	1.0	0.64
95-49-8	2-Chlorotoluene	0.42	U	1.0	0.42
106-43-4	4-Chlorotoluene	0.44	U	1.0	0.44
156-59-2	cis-1,2-Dichloroethene	0.38	U	1.0	0.38
10061-01-5	cis-1,3-Dichloropropene	0.61	U	1.0	0.61
124-48-1	Dibromochloromethane	0.39	U	1.0	0.39
96-12-8	1,2-Dibromo-3-Chloropropane	0.91	U	2.0	0.91
106-93-4	1,2-Dibromoethane	0.37	U	1.0	0.37
74-95-3	Dibromomethane	0.33	U	1.0	0.33
95-50-1	1,2-Dichlorobenzene	0.43	U	1.0	0.43
541-73-1	1,3-Dichlorobenzene	0.40	U	1.0	0.40
106-46-7	1,4-Dichlorobenzene	0.37	U	1.0	0.37
75-71-8	Dichlorodifluoromethane	0.35	U	1.0	0.35
75-34-3	1,1-Dichloroethane	0.41	U	1.0	0.41
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
75-35-4	1,1-Dichloroethene	0.46	U	1.0	0.46
78-87-5	1,2-Dichloropropane	0.37	U	1.0	0.37
142-28-9	1,3-Dichloropropane	0.21	U	1.0	0.21
594-20-7	2,2-Dichloropropane	0.95	U	1.0	0.95
563-58-6	1,1-Dichloropropene	0.37	U	1.0	0.37
108-20-3	Diisopropyl ether	0.36	U	10	0.36
100-41-4	Ethylbenzene	0.39	U	1.0	0.39

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1
 SDG No.: Waste Char
 Client Sample ID: WC-GSPMNA-W-073120 Lab Sample ID: 240-134314-2
 Matrix: Water Lab File ID: UXX9060.D
 Analysis Method: 8260B Date Collected: 07/31/2020 08:00
 Sample wt/vol: 5 (mL) Date Analyzed: 08/13/2020 17:16
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 447016 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
637-92-3	Ethyl tert-Butyl Ether (ETBE)	0.43	U	5.0	0.43
87-68-3	Hexachlorobutadiene	0.83	U	1.0	0.83
591-78-6	2-Hexanone	2.1	U	10	2.1
98-82-8	Isopropylbenzene	0.45	U	1.0	0.45
75-09-2	Methylene Chloride	1.3	U	5.0	1.3
108-10-1	4-Methyl-2-pentanone (MIBK)	2.1	U	10	2.1
1634-04-4	Methyl-tert-butyl Ether (MTBE)	0.44	U	1.0	0.44
179601-23-1	m-Xylene & p-Xylene	0.40	U	2.0	0.40
91-20-3	Naphthalene	0.82	U	1.0	0.82
104-51-8	n-Butylbenzene	0.59	U	1.0	0.59
103-65-1	N-Propylbenzene	0.46	U	1.0	0.46
95-47-6	o-Xylene	0.43	U	1.0	0.43
99-87-6	p-Isopropyltoluene	0.49	U	1.0	0.49
135-98-8	sec-Butylbenzene	0.63	U	1.0	0.63
100-42-5	Styrene	0.40	U	1.0	0.40
994-05-8	Tert-amyl methyl ether	0.39	U	5.0	0.39
75-65-0	tert-Butyl alcohol (TBA)	1.7	U	40	1.7
98-06-6	tert-Butylbenzene	0.51	U	1.0	0.51
630-20-6	1,1,1,2-Tetrachloroethane	0.41	U	1.0	0.41
79-34-5	1,1,2,2-Tetrachloroethane	0.56	U	1.0	0.56
127-18-4	Tetrachloroethene	0.33	U	1.0	0.33
108-88-3	Toluene	0.35	U	1.0	0.35
156-60-5	trans-1,2-Dichloroethene	0.43	U	1.0	0.43
10061-02-6	trans-1,3-Dichloropropene	0.67	U	1.0	0.67
87-61-6	1,2,3-Trichlorobenzene	0.54	U	1.0	0.54
120-82-1	1,2,4-Trichlorobenzene	0.81	U	1.0	0.81
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-01-6	Trichloroethene	0.36	U	1.0	0.36
75-69-4	Trichlorofluoromethane	0.45	U	1.0	0.45
96-18-4	1,2,3-Trichloropropane	0.51	U	1.0	0.51
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.41	U	1.0	0.41
526-73-8	1,2,3-Trimethylbenzene	0.36	U	5.0	0.36
95-63-6	1,2,4-Trimethylbenzene	0.45	U	1.0	0.45
108-05-4	Vinyl acetate	0.78	U	2.0	0.78
75-01-4	Vinyl chloride	0.50	U	1.0	0.50

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1
 SDG No.: Waste Char
 Client Sample ID: WC-GSPMNA-W-073120 Lab Sample ID: 240-134314-2
 Matrix: Water Lab File ID: UXX9060.D
 Analysis Method: 8260B Date Collected: 07/31/2020 08:00
 Sample wt/vol: 5 (mL) Date Analyzed: 08/13/2020 17:16
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 447016 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1330-20-7	Xylenes, Total	0.42	U	2.0	0.42

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	94		47-134
1868-53-7	Dibromofluoromethane (Surr)	89		78-129
17060-07-0	1,2-Dichloroethane-d4 (Surr)	88		75-130
2037-26-5	Toluene-d8 (Surr)	90		69-122

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1 Analy Batch No.: 445581

SDG No.: Waste Char

Instrument ID: A3UX10 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/04/2020 14:54 Calibration End Date: 08/04/2020 17:24 Calibration ID: 57998

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8260 240-445581/8	UXX8983.D
Level 2	STD8260 240-445581/7	UXX8982.D
Level 3	STD8260 240-445581/6	UXX8981.D
Level 4	STD8260 240-445581/5	UXX8980.D
Level 5	STD8260 240-445581/4	UXX8979.D
Level 6	STD8260 240-445581/3	UXX8978.D
Level 7	STD8260 240-445581/2	UXX8977.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7															
Dichlorodifluoromethane	0.2497 0.3121	0.2871 0.3218	0.3004	0.3158	0.3566	Ave	0.3062				10.8		15.0				
Chloromethane	0.4548 0.4216	0.4691 0.4390	0.4471	0.4411	0.4142	Ave	0.4410			0.1000	4.3		15.0				
Vinyl chloride	0.4144 0.4219	0.4465 0.4138	0.4182	0.4357	0.4259	Ave	0.4252				2.8		15.0				
Butadiene	0.6363 0.6106	0.6720 0.5445	0.6523	0.6650	0.6716	Ave	0.6360				7.2		15.0				
Bromomethane	0.1720 0.1454	0.1651 0.1196	0.1624	0.1560	0.1457	Ave	0.1523				11.5		15.0				
Chloroethane	0.2113 0.2088	0.2046 0.2072	0.2217	0.2047	0.2046	Ave	0.2090				2.9		15.0				
Dichlorofluoromethane	0.4525 0.4573	0.4596 0.4522	0.4702	0.4741	0.4514	Ave	0.4596				2.0		15.0				
Trichlorofluoromethane	0.3907 0.4254	0.4074 0.3983	0.4438	0.4321	0.4653	Ave	0.4233				6.3		15.0				
Ethyl ether	0.3559 0.3966	0.3893 0.3959	0.3751	0.3926	0.3646	Ave	0.3814				4.3		15.0				
Acrolein	0.0291 0.0367	0.0327 0.0369	0.0363	0.0378	0.0358	Ave	0.0350				8.7		15.0				
1,1-Dichloroethene	0.2505 0.2695	0.2727 0.2566	0.2479	0.2728	0.2528	Ave	0.2604				4.2		15.0				
1,1,2-Trichloro-1,2,2-trifluoroethane	0.1641 0.2049	0.1864 0.2119	0.1801	0.1978	0.2123	Ave	0.1939				9.3		15.0				
Acetone	0.1694 0.1185	0.1655 0.1064	0.1383	0.1424	0.1241	Lin1	0.1864	0.1095						0.9940		0.9900	
Iodomethane	0.2419 0.2358	0.2296 0.2339	0.2392	0.2420	0.2133	Ave	0.2337				4.3		15.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Canton

Job No.: 240-134314-1

Analy Batch No.: 445581

SDG No.: Waste Char

Instrument ID: A3UX10

GC Column: DB-624

ID: 0.18 (mm)

Heated Purge: (Y/N) N

Calibration Start Date: 08/04/2020 14:54

Calibration End Date: 08/04/2020 17:24

Calibration ID: 57998

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7															
Carbon disulfide	0.8657 0.7708	0.8476 0.7183	0.7915	0.8233	0.7622	Ave		0.7970			6.5		15.0				
3-Chloro-1-propene	0.1772 0.2351	0.2129 0.2330	0.2041	0.2188	0.2177	Ave		0.2141			9.1		15.0				
Methyl acetate	0.3054 0.3306	0.3309 0.3261	0.3189	0.3350	0.3025	Ave		0.3213			4.0		15.0				
Methylene Chloride	0.2756 0.2679	0.2647 0.2576	0.2586	0.2586	0.2359	Ave		0.2599			4.8		15.0				
tert-Butyl alcohol (TBA)	0.0409 0.0470	0.0477 0.0436	0.0429	0.0497	0.0445	Ave		0.0452			6.8		15.0				
Acrylonitrile	0.1286 0.1496	0.1481 0.1453	0.1418	0.1471	0.1401	Ave		0.1429			5.0		15.0				
trans-1,2-Dichloroethene	0.2954 0.3179	0.3233 0.3122	0.2953	0.3123	0.2952	Ave		0.3074			3.9		15.0				
Methyl-tert-butyl Ether (MTBE)	0.9122 1.0037	0.9762 0.9939	0.9670	1.0203	0.9310	Ave		0.9720			4.0		15.0				
Hexane	0.0491 0.0843	0.0769 0.0848	0.0717	0.0767	0.0931	Lin1	-0.033	0.0868						0.9970		0.9900	
1,1-Dichloroethane	0.7061 0.7575	0.7284 0.7481	0.7291	0.7717	0.7041	Ave		0.7350		0.1000	3.5		15.0				
Vinyl acetate	0.7382 1.0655	0.8145 1.0974	0.8570	0.9705	0.9403	Ave		0.9262			14.2		15.0				
2,2-Dichloropropane	0.1030 0.1165	0.1009 0.1155	0.1061	0.1070	0.1019	Ave		0.1073			5.9		15.0				
cis-1,2-Dichloroethene	0.3129 0.3360	0.3219 0.3354	0.3145	0.3315	0.3123	Ave		0.3235			3.3		15.0				
2-Butanone (MEK)	0.1964 0.2062	0.2159 0.2020	0.1674	0.2257	0.1896	Ave		0.2005			9.4		15.0				
Bromochloromethane	0.1125 0.1232	0.1252 0.1166	0.1248	0.1298	0.1158	Ave		0.1211			5.1		15.0				
Tetrahydrofuran	0.1387 0.1341	0.1339 0.1280	0.1203	0.1340	0.1254	Ave		0.1306			4.8		15.0				
Chloroform	0.5743 0.5765	0.5681 0.5710	0.5643	0.5799	0.5297	Ave		0.5663			3.0		15.0				
1,1,1-Trichloroethane	0.4861 0.5301	0.5408 0.5240	0.5121	0.5233	0.4966	Ave		0.5161			3.7		15.0				
Cyclohexane	0.6581 0.8157	0.7602 0.8238	0.7503	0.7699	0.8441	Ave		0.7746			8.1		15.0				
1,1-Dichloropropene	0.4231 0.4580	0.4482 0.4533	0.4365	0.4523	0.4246	Ave		0.4423			3.2		15.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Canton

Job No.: 240-134314-1

Analy Batch No.: 445581

SDG No.: Waste Char

Instrument ID: A3UX10

GC Column: DB-624

ID: 0.18 (mm)

Heated Purge: (Y/N) N

Calibration Start Date: 08/04/2020 14:54

Calibration End Date: 08/04/2020 17:24

Calibration ID: 57998

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7															
Carbon tetrachloride	0.4078 0.4442	0.4183 0.4418	0.4070	0.4192	0.4123	Ave		0.4215			3.7		15.0				
Isobutyl alcohol	0.0207 0.0220	0.0197 0.0207	0.0200	0.0222	0.0216	Ave		0.0210			4.6		15.0				
Benzene	1.2068 1.2730	1.2639 1.2528	1.2159	1.2862	1.1714	Ave		1.2386			3.4		15.0				
1,2-Dichloroethane	0.4855 0.5833	0.5296 0.5803	0.5428	0.5675	0.5314	Ave		0.5458			6.3		15.0				
n-Heptane	0.0590 0.0840	0.0709 0.0847	0.0748	0.0820	0.0886	Ave		0.0777			13.2		15.0				
Trichloroethene	0.2633 0.2997	0.2743 0.2973	0.2792	0.2954	0.2763	Ave		0.2837			4.9		15.0				
Methylcyclohexane	0.3860 0.4965	0.4750 0.5027	0.4723	0.4831	0.5306	Ave		0.4780			9.4		15.0				
1,2-Dichloropropane	0.3926 0.4102	0.3943 0.4071	0.3923	0.4028	0.3774	Ave		0.3967			2.8		15.0				
Dibromomethane	0.1441 0.1726	0.1454 0.1703	0.1503	0.1615	0.1544	Ave		0.1569			7.3		15.0				
1,4-Dioxane	++++ 0.0026	0.0022 0.0022	0.0021	0.0021	0.0023	Ave		0.0023			8.2		15.0				
Bromodichloromethane	0.3789 0.4275	0.4016 0.4250	0.3964	0.4053	0.3857	Ave		0.4029			4.5		15.0				
2-Chloroethyl vinyl ether	0.2154 0.2677	0.2471 0.2573	0.2413	0.2622	0.2414	Ave		0.2475			7.0		15.0				
cis-1,3-Dichloropropene	0.3979 0.5028	0.4100 0.4947	0.4377	0.4680	0.4374	Ave		0.4498			9.0		15.0				
4-Methyl-2-pentanone (MIBK)	0.3957 0.4096	0.4258 0.3660	0.4024	0.4299	0.3991	Ave		0.4041			5.3		15.0				
Toluene	1.9809 2.0446	2.0257 2.0756	1.9468	2.0050	1.9592	Ave		2.0054			2.3		15.0				
trans-1,3-Dichloropropene	0.5185 0.7085	0.5808 0.7453	0.6006	0.6222	0.6363	Ave		0.6303			12.2		15.0				
Ethyl methacrylate	0.5662 0.6351	0.6239 0.6151	0.6171	0.6134	0.6133	Ave		0.6120			3.5		15.0				
1,1,2-Trichloroethane	0.3497 0.3936	0.3591 0.3915	0.3448	0.3793	0.3744	Ave		0.3703			5.3		15.0				
Tetrachloroethene	0.3215 0.3319	0.3396 0.3354	0.3014	0.3173	0.3242	Ave		0.3245			4.0		15.0				
1,3-Dichloropropane	0.6584 0.7279	0.6907 0.7314	0.6608	0.7103	0.6818	Ave		0.6945			4.3		15.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Canton

Job No.: 240-134314-1

Analy Batch No.: 445581

SDG No.: Waste Char

Instrument ID: A3UX10

GC Column: DB-624

ID: 0.18 (mm)

Heated Purge: (Y/N) N

Calibration Start Date: 08/04/2020 14:54

Calibration End Date: 08/04/2020 17:24

Calibration ID: 57998

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7															
2-Hexanone	0.4020 0.4208	0.4157 0.3615	0.3995	0.4204	0.4156	Ave		0.4051			5.2		15.0				
Dibromochloromethane	0.3237 0.4028	0.3461 0.4030	0.3498	0.3728	0.3637	Ave		0.3660			8.1		15.0				
1,2-Dibromoethane	0.2960 0.3587	0.2978 0.3597	0.3002	0.3304	0.3337	Ave		0.3252			8.6		15.0				
Chlorobenzene	1.0442 1.0616	1.0633 1.0366	1.0440	1.0625	1.0088	Ave		1.0459		0.3000	1.9		15.0				
1,1,1,2-Tetrachloroethane	0.3223 0.4008	0.3783 0.3747	0.3981	0.3888	0.3666	Ave		0.3757			7.1		15.0				
Ethylbenzene	0.5777 0.6117	0.5675 0.5837	0.5578	0.6073	0.5781	Ave		0.5834			3.4		15.0				
m-Xylene & p-Xylene	0.6964 0.7152	0.6863 0.6791	0.6946	0.7003	0.6844	Ave		0.6938			1.7		15.0				
o-Xylene	0.6417 0.6487	0.6575 0.5948	0.6383	0.6582	0.6290	Ave		0.6383			3.4		15.0				
Styrene	1.0236 1.0474	1.0408 0.9989	1.0029	1.0636	1.0241	Ave		1.0288			2.3		15.0				
Bromoform	0.1431 0.1795	0.1461 0.1750	0.1577	0.1656	0.1647	Ave		0.1617		0.1000	8.5		15.0				
Isopropylbenzene	1.5958 1.6452	1.6330 1.4681	1.5565	1.6738	1.6172	Ave		1.5985			4.3		15.0				
1,1,2,2-Tetrachloroethane	0.9667 1.0071	1.1438 0.9554	1.0319	1.0852	1.0600	Ave		1.0357		0.3000	6.4		15.0				
Bromobenzene	0.9054 0.8753	0.9413 0.9355	0.8316	0.9091	0.8970	Ave		0.8993			4.2		15.0				
1,2,3-Trichloropropane	0.2768 0.3037	0.3063 0.2922	0.3212	0.3218	0.3210	Ave		0.3061			5.6		15.0				
trans-1,4-Dichloro-2-butene	0.1109 0.3063	0.1652 +++++	0.2414	0.2321	0.2579	Lin1	-0.239	0.3025						0.9940		0.9900	
N-Propylbenzene	1.0479 1.0788	1.0719 1.0642	1.0889	1.0666	1.1413	Ave		1.0800			2.8		15.0				
2-Chlorotoluene	0.8039 0.8742	0.8932 0.8583	0.8562	0.8916	0.8953	Ave		0.8675			3.7		15.0				
1,3,5-Trimethylbenzene	3.2719 3.1964	3.6216 2.9908	3.2084	3.4116	3.3064	Ave		3.2867			6.0		15.0				
4-Chlorotoluene	0.7924 0.8605	0.9443 0.8973	0.8668	0.9125	0.8824	Ave		0.8795			5.4		15.0				
tert-Butylbenzene	2.6255 2.6255	2.9023 2.4066	2.6821	2.8488	2.8385	Ave		2.7042			6.4		15.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1 Analy Batch No.: 445581

SDG No.: Waste Char

Instrument ID: A3UX10 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/04/2020 14:54 Calibration End Date: 08/04/2020 17:24 Calibration ID: 57998

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7															
1,2,4-Trimethylbenzene	3.0415 3.0428	3.4326 2.8828	3.1058	3.1957	3.1185	Ave		3.1171			5.4		15.0				
sec-Butylbenzene	3.5281 3.6782	4.0695 3.4432	3.7192	3.8933	3.9427	Ave		3.7534			6.0		15.0				
1,3-Dichlorobenzene	1.6136 1.5458	1.7438 1.5842	1.5433	1.6266	1.5232	Ave		1.5972			4.7		15.0				
p-Isopropyltoluene	2.7189 2.8645	3.0592 2.6729	2.8973	3.0221	2.9866	Ave		2.8888			5.1		15.0				
1,4-Dichlorobenzene	1.5254 1.6281	1.7229 1.6478	1.5362	1.6616	1.5752	Ave		1.6139			4.4		15.0				
n-Butylbenzene	2.5237 2.5558	2.7041 2.3575	2.4330	2.6492	2.6623	Ave		2.5551			5.0		15.0				
1,2-Dichlorobenzene	1.6619 1.5315	1.6460 1.3633	1.5468	1.6328	1.5228	Ave		1.5579			6.6		15.0				
1,2-Dibromo-3-Chloropropane	0.1274 0.1724	0.1920 ++++	0.1645	0.1724	0.1872	Ave		0.1693			13.6		15.0				
1,2,4-Trichlorobenzene	0.9681 0.8034	1.0110 ++++	0.9108	1.0047	0.9436	Ave		0.9403			8.2		15.0				
Hexachlorobutadiene	0.3724 0.3110	0.4371 ++++	0.3496	0.4020	0.3821	Ave		0.3757			11.5		15.0				
Naphthalene	2.7092 2.0420	2.9384 ++++	2.4915	2.6443	2.5564	Ave		2.5636			11.6		15.0				
1,2,3-Trichlorobenzene	0.9252 0.7128	1.0393 ++++	0.8619	0.9360	0.8706	Ave		0.8910			12.1		15.0				
Dibromofluoromethane (Surr)	0.3046 0.2832	0.2658 0.2863	0.2807	0.2780	0.2575	Ave		0.2795			5.4		15.0				
1,2-Dichloroethane-d4 (Surr)	0.4344 0.4365	0.4230 0.4414	0.4310	0.4437	0.4002	Ave		0.4300			3.4		15.0				
Toluene-d8 (Surr)	1.8878 1.7384	1.7537 1.7663	1.7312	1.7020	1.6154	Ave		1.7421			4.7		15.0				
4-Bromofluorobenzene (Surr)	0.4899 0.4558	0.4841 0.4302	0.4521	0.4541	0.4298	Ave		0.4566			5.1		15.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1 Analy Batch No.: 445581

SDG No.: Waste Char

Instrument ID: A3UX10 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/04/2020 14:54 Calibration End Date: 08/04/2020 17:24 Calibration ID: 57998

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8260 240-445581/8	UXX8983.D
Level 2	STD8260 240-445581/7	UXX8982.D
Level 3	STD8260 240-445581/6	UXX8981.D
Level 4	STD8260 240-445581/5	UXX8980.D
Level 5	STD8260 240-445581/4	UXX8979.D
Level 6	STD8260 240-445581/3	UXX8978.D
Level 7	STD8260 240-445581/2	UXX8977.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
			LVL 6	LVL 7				LVL 6	LVL 7			
Dichlorodifluoromethane	FB	Ave	10554 287345	25406 595301	52776	67116	164655	1.00 20.0	2.00 40.0	4.00	5.00	10.0
Chloromethane	FB	Ave	19223 388122	41513 812077	78553	93751	191252	1.00 20.0	2.00 40.0	4.00	5.00	10.0
Vinyl chloride	FB	Ave	17516 388415	39511 765572	73472	92613	196654	1.00 20.0	2.00 40.0	4.00	5.00	10.0
Butadiene	FB	Ave	26896 562153	59464 1007241	114608	141331	310111	1.00 20.0	2.00 40.0	4.00	5.00	10.0
Bromomethane	FB	Ave	7269 133814	14610 221222	28536	33160	67258	1.00 20.0	2.00 40.0	4.00	5.00	10.0
Chloroethane	FB	Ave	8934 192210	18105 383328	38952	43511	94482	1.00 20.0	2.00 40.0	4.00	5.00	10.0
Dichlorofluoromethane	FB	Ave	19128 420969	40668 836551	82619	100769	208399	1.00 20.0	2.00 40.0	4.00	5.00	10.0
Trichlorofluoromethane	FB	Ave	16514 391596	36050 736761	77983	91835	214816	1.00 20.0	2.00 40.0	4.00	5.00	10.0
Ethyl ether	FB	Ave	15045 365147	34444 732412	65903	83433	168356	1.00 20.0	2.00 40.0	4.00	5.00	10.0
Acrolein	FB	Ave	6154 168976	14453 341171	31863	40122	82535	5.00 100	10.0 200	20.0	25.0	50.0
1,1-Dichloroethene	FB	Ave	10588 248136	24134 474629	43557	57980	116716	1.00 20.0	2.00 40.0	4.00	5.00	10.0
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	6937 188657	16498 392003	31646	42050	98001	1.00 20.0	2.00 40.0	4.00	5.00	10.0
Acetone	FB	Lin1	14322 218193	29282 393513	48596	60547	114630	2.00 40.0	4.00 80.0	8.00	10.0	20.0
Iodomethane	FB	Ave	10225 217043	20315 432612	42032	51445	98475	1.00 20.0	2.00 40.0	4.00	5.00	10.0
Carbon disulfide	FB	Ave	36596 709554	74998 1328706	139056	174976	351903	1.00 20.0	2.00 40.0	4.00	5.00	10.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Canton

Job No.: 240-134314-1

Analy Batch No.: 445581

SDG No.: Waste Char

Instrument ID: A3UX10

GC Column: DB-624

ID: 0.18 (mm)

Heated Purge: (Y/N) N

Calibration Start Date: 08/04/2020 14:54

Calibration End Date: 08/04/2020 17:24

Calibration ID: 57998

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
3-Chloro-1-propene	FB	Ave	7491 216404	18835 430986	35865	46501	100494	1.00 20.0	2.00 40.0	4.00	5.00	10.0
Methyl acetate	FB	Ave	25819 608730	58556 1206628	112055	142412	279295	2.00 40.0	4.00 80.0	8.00	10.0	20.0
Methylene Chloride	FB	Ave	11652 246624	23426 476566	45434	54967	108917	1.00 20.0	2.00 40.0	4.00	5.00	10.0
tert-Butyl alcohol (TBA)	FB	Ave	17281 432660	42233 806090	75360	105576	205415	10.0 200	20.0 400	40.0	50.0	100
Acrylonitrile	FB	Ave	54371 1376744	131068 2687300	249099	312704	646876	10.0 200	20.0 400	40.0	50.0	100
trans-1,2-Dichloroethene	FB	Ave	12486 292637	28611 577449	51884	66376	136294	1.00 20.0	2.00 40.0	4.00	5.00	10.0
Methyl-tert-butyl Ether (MTBE)	FB	Ave	38558 923961	86380 1838661	169904	216853	429878	1.00 20.0	2.00 40.0	4.00	5.00	10.0
Hexane	FB	Lin1	2077 77627	6803 156850	12589	16296	42973	1.00 20.0	2.00 40.0	4.00	5.00	10.0
1,1-Dichloroethane	FB	Ave	29847 697305	64453 1383879	128102	164024	325089	1.00 20.0	2.00 40.0	4.00	5.00	10.0
Vinyl acetate	FB	Ave	31206 980916	72073 2030055	150575	206278	434133	1.00 20.0	2.00 40.0	4.00	5.00	10.0
2,2-Dichloropropane	FB	Ave	4353 107266	8924 213725	18634	22742	47068	1.00 20.0	2.00 40.0	4.00	5.00	10.0
cis-1,2-Dichloroethene	FB	Ave	13225 309319	28484 620463	55250	70463	144197	1.00 20.0	2.00 40.0	4.00	5.00	10.0
2-Butanone (MEK)	FB	Ave	16607 379671	38212 747218	58820	95959	175083	2.00 40.0	4.00 80.0	8.00	10.0	20.0
Bromochloromethane	FB	Ave	4757 113410	11076 215622	21933	27579	53460	1.00 20.0	2.00 40.0	4.00	5.00	10.0
Tetrahydrofuran	FB	Ave	11728 246834	23698 473467	42281	56976	115799	2.00 40.0	4.00 80.0	8.00	10.0	20.0
Chloroform	FB	Ave	24278 530729	50269 1056234	99145	123261	244564	1.00 20.0	2.00 40.0	4.00	5.00	10.0
1,1,1-Trichloroethane	FB	Ave	20550 488002	47849 969314	89976	111215	229301	1.00 20.0	2.00 40.0	4.00	5.00	10.0
Cyclohexane	FB	Ave	27817 750902	67264 1523864	131831	163626	389723	1.00 20.0	2.00 40.0	4.00	5.00	10.0
1,1-Dichloropropene	FB	Ave	17883 421584	39655 838606	76698	96125	196063	1.00 20.0	2.00 40.0	4.00	5.00	10.0
Carbon tetrachloride	FB	Ave	17238 408970	37010 817248	71517	89101	190354	1.00 20.0	2.00 40.0	4.00	5.00	10.0
Isobutyl alcohol	CBNZ d5	Ave	13043 306411	26809 558385	54740	73858	149468	25.0 500	50.0 1000	100	125	250

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Canton

Job No.: 240-134314-1

Analy Batch No.: 445581

SDG No.: Waste Char

Instrument ID: A3UX10

GC Column: DB-624

ID: 0.18 (mm)

Heated Purge: (Y/N) N

Calibration Start Date: 08/04/2020 14:54

Calibration End Date: 08/04/2020 17:24

Calibration ID: 57998

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Benzene	FB	Ave	51014 1171876	111837 2317596	213635	273373	540843	1.00 20.0	2.00 40.0	4.00	5.00	10.0
1,2-Dichloroethane	FB	Ave	20523 536978	46863 1073549	95374	120621	245347	1.00 20.0	2.00 40.0	4.00	5.00	10.0
n-Heptane	FB	Ave	2494 77330	6276 156714	13147	17436	40910	1.00 20.0	2.00 40.0	4.00	5.00	10.0
Trichloroethene	FB	Ave	11132 275870	24269 550024	49058	62794	127572	1.00 20.0	2.00 40.0	4.00	5.00	10.0
Methylcyclohexane	FB	Ave	16318 457090	42034 929862	82990	102669	244985	1.00 20.0	2.00 40.0	4.00	5.00	10.0
1,2-Dichloropropane	FB	Ave	16595 377608	34886 753126	68925	85602	174249	1.00 20.0	2.00 40.0	4.00	5.00	10.0
Dibromomethane	FB	Ave	6090 158882	12867 314956	26411	34333	71296	1.00 20.0	2.00 40.0	4.00	5.00	10.0
1,4-Dioxane	FB	Ave	++++ 47943	3825 82718	7536	8975	21700	++++ 400	40.0 800	80.0	100	200
Bromodichloromethane	FB	Ave	16015 393519	35538 786292	69649	86148	178102	1.00 20.0	2.00 40.0	4.00	5.00	10.0
2-Chloroethyl vinyl ether	FB	Ave	18209 492815	43731 952121	84796	111437	222893	2.00 40.0	4.00 80.0	8.00	10.0	20.0
cis-1,3-Dichloropropene	FB	Ave	16819 462875	36277 915199	76902	99469	201956	1.00 20.0	2.00 40.0	4.00	5.00	10.0
4-Methyl-2-pentanone (MIBK)	FB	Ave	33452 754116	75351 1354008	141412	182760	368582	2.00 40.0	4.00 80.0	8.00	10.0	20.0
Toluene	CBNZ d5	Ave	49929 1139622	110050 2239301	213050	267355	541264	1.00 20.0	2.00 40.0	4.00	5.00	10.0
trans-1,3-Dichloropropene	CBNZ d5	Ave	13068 394890	31551 804050	65730	82972	175784	1.00 20.0	2.00 40.0	4.00	5.00	10.0
Ethyl methacrylate	CBNZ d5	Ave	14270 353994	33896 663652	67531	81797	169447	1.00 20.0	2.00 40.0	4.00	5.00	10.0
1,1,2-Trichloroethane	CBNZ d5	Ave	8813 219395	19509 422338	37730	50577	103425	1.00 20.0	2.00 40.0	4.00	5.00	10.0
Tetrachloroethene	CBNZ d5	Ave	8103 184993	18450 361911	32982	42311	89580	1.00 20.0	2.00 40.0	4.00	5.00	10.0
1,3-Dichloropropane	CBNZ d5	Ave	16596 405720	37525 789050	72319	94719	188364	1.00 20.0	2.00 40.0	4.00	5.00	10.0
2-Hexanone	CBNZ d5	Ave	20263 469098	45170 779948	87449	112104	229632	2.00 40.0	4.00 80.0	8.00	10.0	20.0
Dibromochloromethane	CBNZ d5	Ave	8158 224487	18802 434801	38276	49711	100491	1.00 20.0	2.00 40.0	4.00	5.00	10.0
1,2-Dibromoethane	CBNZ d5	Ave	7460 199953	16178 388031	32858	44063	92194	1.00 20.0	2.00 40.0	4.00	5.00	10.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Canton

Job No.: 240-134314-1

Analy Batch No.: 445581

SDG No.: Waste Char

Instrument ID: A3UX10

GC Column: DB-624

ID: 0.18 (mm)

Heated Purge: (Y/N) N

Calibration Start Date: 08/04/2020 14:54

Calibration End Date: 08/04/2020 17:24

Calibration ID: 57998

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Chlorobenzene	CBNZ d5	Ave	26318 591736	57764 1118410	114246	141678	278708	1.00 20.0	2.00 40.0	4.00	5.00	10.0
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	8124 223375	20550 404306	43571	51839	101294	1.00 20.0	2.00 40.0	4.00	5.00	10.0
Ethylbenzene	CBNZ d5	Ave	14562 340929	30831 629757	61039	80981	159703	1.00 20.0	2.00 40.0	4.00	5.00	10.0
m-Xylene & p-Xylene	CBNZ d5	Ave	17552 398655	37284 732659	76017	93376	189086	1.00 20.0	2.00 40.0	4.00	5.00	10.0
o-Xylene	CBNZ d5	Ave	16175 361558	35718 641713	69856	87771	173780	1.00 20.0	2.00 40.0	4.00	5.00	10.0
Styrene	CBNZ d5	Ave	25800 583775	56544 1077746	109755	141821	282920	1.00 20.0	2.00 40.0	4.00	5.00	10.0
Bromoform	CBNZ d5	Ave	3606 100060	7938 188788	17257	22082	45502	1.00 20.0	2.00 40.0	4.00	5.00	10.0
Isopropylbenzene	CBNZ d5	Ave	40222 916991	88713 1583884	170334	223185	446781	1.00 20.0	2.00 40.0	4.00	5.00	10.0
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	8941 202976	20983 331166	39756	51955	100806	1.00 20.0	2.00 40.0	4.00	5.00	10.0
Bromobenzene	DCBd 4	Ave	8374 176420	17268 324284	32039	43527	85306	1.00 20.0	2.00 40.0	4.00	5.00	10.0
1,2,3-Trichloropropane	DCBd 4	Ave	2560 61215	5618 101271	12374	15407	30530	1.00 20.0	2.00 40.0	4.00	5.00	10.0
trans-1,4-Dichloro-2-butene	DCBd 4	Lin1	1026 61742	3031 +++++	9299	11112	24529	1.00 20.0	2.00 +++++	4.00	5.00	10.0
N-Propylbenzene	DCBd 4	Ave	9692 217425	19664 368877	41952	51068	108542	1.00 20.0	2.00 40.0	4.00	5.00	10.0
2-Chlorotoluene	DCBd 4	Ave	7435 176185	16385 297523	32987	42686	85142	1.00 20.0	2.00 40.0	4.00	5.00	10.0
1,3,5-Trimethylbenzene	DCBd 4	Ave	30261 644238	66436 1036704	123603	163339	314443	1.00 20.0	2.00 40.0	4.00	5.00	10.0
4-Chlorotoluene	DCBd 4	Ave	7329 173429	17322 311040	33393	43690	83920	1.00 20.0	2.00 40.0	4.00	5.00	10.0
tert-Butylbenzene	DCBd 4	Ave	24282 529178	53241 834185	103330	136394	269938	1.00 20.0	2.00 40.0	4.00	5.00	10.0
1,2,4-Trimethylbenzene	DCBd 4	Ave	28130 613281	62969 999256	119651	153000	296572	1.00 20.0	2.00 40.0	4.00	5.00	10.0
sec-Butylbenzene	DCBd 4	Ave	32630 741336	74651 1193504	143281	186403	374954	1.00 20.0	2.00 40.0	4.00	5.00	10.0
1,3-Dichlorobenzene	DCBd 4	Ave	14924 311560	31988 549141	59456	77878	144860	1.00 20.0	2.00 40.0	4.00	5.00	10.0
p-Isopropyltoluene	DCBd 4	Ave	25146 577340	56119 926510	111620	144689	284027	1.00 20.0	2.00 40.0	4.00	5.00	10.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1 Analy Batch No.: 445581

SDG No.: Waste Char

Instrument ID: A3UX10 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/04/2020 14:54 Calibration End Date: 08/04/2020 17:24 Calibration ID: 57998

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
1,4-Dichlorobenzene	DCBd 4	Ave	14108 328138	31605 571174	59181	79554	149804	1.00 20.0	2.00 40.0	4.00	5.00	10.0
n-Butylbenzene	DCBd 4	Ave	23341 515131	49605 817177	93732	126837	253188	1.00 20.0	2.00 40.0	4.00	5.00	10.0
1,2-Dichlorobenzene	DCBd 4	Ave	15370 308680	30194 472559	59590	78176	144820	1.00 20.0	2.00 40.0	4.00	5.00	10.0
1,2-Dibromo-3-Chloropropane	DCBd 4	Ave	1178 34752	3522 ++++	6336	8253	17798	1.00 20.0	2.00 ++++	4.00	5.00	10.0
1,2,4-Trichlorobenzene	DCBd 4	Ave	8954 161928	18546 ++++	35087	48102	89733	1.00 20.0	2.00 ++++	4.00	5.00	10.0
Hexachlorobutadiene	DCBd 4	Ave	3444 62688	8018 ++++	13467	19248	36342	1.00 20.0	2.00 ++++	4.00	5.00	10.0
Naphthalene	DCBd 4	Ave	25057 411574	53902 ++++	95984	126601	243118	1.00 20.0	2.00 ++++	4.00	5.00	10.0
1,2,3-Trichlorobenzene	DCBd 4	Ave	8557 143671	19065 ++++	33204	44811	82798	1.00 20.0	2.00 ++++	4.00	5.00	10.0
Dibromofluoromethane (Surr)	FB	Ave	12877 260740	23522 529635	49310	59093	118896	1.00 20.0	2.00 40.0	4.00	5.00	10.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	18361 401863	37428 816577	75733	94302	184798	1.00 20.0	2.00 40.0	4.00	5.00	10.0
Toluene-d8 (Surr)	CBNZ d5	Ave	47581 968930	95272 1905650	189453	226944	446296	1.00 20.0	2.00 40.0	4.00	5.00	10.0
4-Bromofluorobenzene (Surr)	CBNZ d5	Ave	12347 254034	26300 464156	49473	60547	118738	1.00 20.0	2.00 40.0	4.00	5.00	10.0

Curve Type Legend:

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1 Analy Batch No.: 445581

SDG No.: Waste Char

Instrument ID: A3UX10 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/04/2020 18:13 Calibration End Date: 08/04/2020 20:43 Calibration ID: 58000

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STDA9 240-445581/16	UXX8991.D
Level 2	STDA9 240-445581/15	UXX8990.D
Level 3	STDA9 240-445581/14	UXX8989.D
Level 4	STDA9 240-445581/13	UXX8988.D
Level 5	STDA9 240-445581/12	UXX8987.D
Level 6	STDA9 240-445581/11	UXX8986.D
Level 7	STDA9 240-445581/10	UXX8985.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7															
Acetonitrile	0.0360 0.0385	0.0389 0.0366	0.0411	0.0379	0.0368	Ave		0.0380			4.6		15.0				
Diisopropyl ether	0.2375 0.2732	0.2509 0.2823	0.2775	0.2637	0.2826	Ave		0.2668			6.4		15.0				
2-Chloro-1,3-butadiene	0.7956 0.8223	0.7921 0.8189	0.8226	0.8282	0.8202	Ave		0.8143			1.8		15.0				
Ethyl tert-Butyl Ether (ETBE)	1.3902 1.4086	1.4015 1.4482	1.4410	1.4027	1.4403	Ave		1.4189			1.7		15.0				
Ethyl acetate	0.3678 0.4167	0.3983 0.4269	0.4115	0.4060	0.3957	Ave		0.4033			4.7		15.0				
Propionitrile	0.0446 0.0537	0.0494 0.0535	0.0507	0.0521	0.0504	Ave		0.0506			6.1		15.0				
Methacrylonitrile	0.2225 0.2614	0.2476 0.2658	0.2582	0.2545	0.2524	Ave		0.2518			5.7		15.0				
Isooctane	1.6285 1.6519	1.6885 1.3255	1.6466	1.7057	1.3057	Ave		1.5646			11.0		15.0				
Tert-amyl methyl ether	0.8656 0.9219	0.9013 0.9503	0.9407	0.9126	0.9484	Ave		0.9201			3.3		15.0				
n-Butanol	0.0136 0.0165	0.0144 0.0155	0.0153	0.0154	0.0156	Ave		0.0152			6.0		15.0				
Ethyl acrylate	0.5094 0.5852	0.5511 0.5981	0.5744	0.5660	0.5699	Ave		0.5649			5.1		15.0				
Methyl methacrylate	0.3474 0.3847	0.3521 0.3874	0.3743	0.3635	0.3837	Ave		0.3705			4.4		15.0				
2-Nitropropane	0.1059 0.1223	0.1133 0.1258	0.1167	0.1118	0.1155	Ave		0.1159			5.7		15.0				
n-Butyl acetate	0.3473 0.4259	0.3996 0.4177	0.4303	0.4109	0.3965	Ave		0.4040			6.9		15.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1 Analy Batch No.: 445581
 SDG No.: Waste Char
 Instrument ID: A3UX10 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N
 Calibration Start Date: 08/04/2020 18:13 Calibration End Date: 08/04/2020 20:43 Calibration ID: 58000

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7															
1-Chlorohexane	0.6036 0.6344	0.5966 0.5854	0.6171	0.6109	0.5869	Ave		0.6050			2.9		15.0				
Cyclohexanone	0.0438 0.0521	0.0476 0.0457	0.0476	0.0490	0.0487	Ave		0.0478			5.5		15.0				
Pentachloroethane	0.0281 0.1202	0.0933 0.1393	0.1038	0.0930	0.1220	Lin1	-0.234	0.1355						0.9940		0.9900	
1,2,3-Trimethylbenzene	2.8366 3.1382	2.8790 3.1770	3.0275	2.9946	3.1355	Ave		3.0269			4.4		15.0				
Benzyl chloride	0.2605 0.3686	0.2589 0.3932	0.3147	0.3320	0.3485	Lin1	-0.202	0.3865						0.9980		0.9900	
1,3,5-Trichlorobenzene	0.9456 1.1383	1.0356 1.1475	1.0481	1.1112	1.1661	Ave		1.0846			7.3		15.0				
2-Methylnaphthalene	1.4623 1.3761	1.5677 ++++	1.6868	1.6555	1.5951	Ave		1.5573			7.6		15.0				
1-Methylnaphthalene	1.4203 1.2180	1.4813 ++++	1.4657	1.4734	1.3941	Ave		1.4088			7.1		15.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1 Analy Batch No.: 445581

SDG No.: Waste Char

Instrument ID: A3UX10 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/04/2020 18:13 Calibration End Date: 08/04/2020 20:43 Calibration ID: 58000

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STDA9 240-445581/16	UXX8991.D
Level 2	STDA9 240-445581/15	UXX8990.D
Level 3	STDA9 240-445581/14	UXX8989.D
Level 4	STDA9 240-445581/13	UXX8988.D
Level 5	STDA9 240-445581/12	UXX8987.D
Level 6	STDA9 240-445581/11	UXX8986.D
Level 7	STDA9 240-445581/10	UXX8985.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Acetonitrile	FB	Ave	14558 348834	31774 648803	70787	84340	160136	10.0 200	20.0 400	40.0	50.0	100
Diisopropyl ether	FB	Ave	9607 247724	20489 500162	47838	58708	123129	1.00 20.0	2.00 40.0	4.00	5.00	10.0
2-Chloro-1,3-butadiene	FB	Ave	32186 745524	64672 1451003	141788	184414	357355	1.00 20.0	2.00 40.0	4.00	5.00	10.0
Ethyl tert-Butyl Ether (ETBE)	FB	Ave	56239 1277069	114434 2566150	248381	312342	627541	1.00 20.0	2.00 40.0	4.00	5.00	10.0
Ethyl acetate	FB	Ave	29756 755623	65044 1512868	141844	180805	344809	2.00 40.0	4.00 80.0	8.00	10.0	20.0
Propionitrile	FB	Ave	18053 486426	40362 947131	87436	116113	219453	10.0 200	20.0 400	40.0	50.0	100
Methacrylonitrile	FB	Ave	90005 2370260	202186 4710400	445093	566722	1099845	10.0 200	20.0 400	40.0	50.0	100
Isooctane	FB	Ave	65881 1497676	137867 2348745	283819	379819	568887	1.00 20.0	2.00 40.0	4.00	5.00	10.0
Tert-amyl methyl ether	FB	Ave	35017 835838	73594 1683839	162142	203213	413242	1.00 20.0	2.00 40.0	4.00	5.00	10.0
n-Butanol	CBNZ d5	Ave	8325 226943	18657 421878	40775	52261	105009	25.0 500	50.0 1000	100	125	250
Ethyl acrylate	FB	Ave	20609 530546	44997 1059731	99002	126034	248322	1.00 20.0	2.00 40.0	4.00	5.00	10.0
Methyl methacrylate	FB	Ave	28105 697574	57491 1373018	129044	161900	334400	2.00 40.0	4.00 80.0	8.00	10.0	20.0
2-Nitropropane	FB	Ave	8566 221752	18501 445652	40217	49773	100630	2.00 40.0	4.00 80.0	8.00	10.0	20.0
n-Butyl acetate	CBNZ d5	Ave	8493 234823	20675 455254	45779	55624	107003	1.00 20.0	2.00 40.0	4.00	5.00	10.0
1-Chlorohexane	CBNZ d5	Ave	14759 349786	30869 637928	65647	82708	158375	1.00 20.0	2.00 40.0	4.00	5.00	10.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1 Analy Batch No.: 445581

SDG No.: Waste Char

Instrument ID: A3UX10 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/04/2020 18:13 Calibration End Date: 08/04/2020 20:43 Calibration ID: 58000

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Cyclohexanone	DCBd 4	Ave	4051 95884	8612 173789	17825	23267	45337	10.0 200	20.0 400	40.0	50.0	100
Pentachloroethane	CBNZ d5	Lin1	1376 132514	9653 303620	22083	25183	65832	2.00 40.0	4.00 80.0	8.00	10.0	20.0
1,2,3-Trimethylbenzene	DCBd 4	Ave	26239 577766	52036 1209235	113463	142212	291642	1.00 20.0	2.00 40.0	4.00	5.00	10.0
Benzyl chloride	DCBd 4	Lin1	2410 67859	4679 149657	11795	15765	32411	1.00 20.0	2.00 40.0	4.00	5.00	10.0
1,3,5-Trichlorobenzene	DCBd 4	Ave	8747 209566	18717 436747	39280	52772	108468	1.00 20.0	2.00 40.0	4.00	5.00	10.0
2-Methylnaphthalene	DCBd 4	Ave	27053 506713	56669 ++++	126435	157244	296740	2.00 40.0	4.00 ++++	8.00	10.0	20.0
1-Methylnaphthalene	DCBd 4	Ave	26277 448479	53546 ++++	109858	139946	259333	2.00 40.0	4.00 ++++	8.00	10.0	20.0

Curve Type Legend:

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1
 SDG No.: Waste Char
 Lab Sample ID: ICV 240-445581/9 Calibration Date: 08/04/2020 17:48
 Instrument ID: A3UX10 Calib Start Date: 08/04/2020 14:54
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 08/04/2020 17:24
 Lab File ID: UXX8984.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.3062	0.3628		0.0118	0.0100	18.5	50.0
Chloromethane	Ave	0.4410	0.4567	0.1000	0.0104	0.0100	3.6	50.0
Vinyl chloride	Ave	0.4252	0.4460		0.0105	0.0100	4.9	20.0
Butadiene	Ave	0.6360	0.6533		0.0103	0.0100	2.7	50.0
Bromomethane	Ave	0.1523	0.1573		0.0103	0.0100	3.3	50.0
Chloroethane	Ave	0.2090	0.2197		0.0105	0.0100	5.1	50.0
Dichlorofluoromethane	Ave	0.4596	0.4932		0.0107	0.0100	7.3	50.0
Trichlorofluoromethane	Ave	0.4233	0.4564		0.0108	0.0100	7.8	50.0
Ethyl ether	Ave	0.3814	0.3908		0.0102	0.0100	2.5	50.0
Acrolein	Ave	0.0350	0.0252		0.0360	0.0500	-28.1	50.0
1,1-Dichloroethene	Ave	0.2604	0.2735		0.0105	0.0100	5.0	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.1939	0.1980		0.0102	0.0100	2.1	50.0
Acetone	Lin1		0.1131		0.0190	0.0200	-5.2	50.0
Iodomethane	Ave	0.2337	0.2400		0.0103	0.0100	2.7	50.0
Carbon disulfide	Ave	0.7970	0.7380		0.00926	0.0100	-7.4	50.0
3-Chloro-1-propene	Ave	0.2141	0.2100		0.00981	0.0100	-1.9	50.0
Methyl acetate	Ave	0.3213	0.3345		0.0208	0.0200	4.1	50.0
Methylene Chloride	Ave	0.2599	0.2734		0.0105	0.0100	5.2	50.0
tert-Butyl alcohol (TBA)	Ave	0.0452	0.0461		0.102	0.100	2.1	50.0
Acrylonitrile	Ave	0.1429	0.1429		0.100	0.100	0.0	50.0
Methyl-tert-butyl Ether (MTBE)	Ave	0.9720	1.001		0.0103	0.0100	3.0	50.0
trans-1,2-Dichloroethene	Ave	0.3074	0.3078		0.0100	0.0100	0.1	50.0
Hexane	Lin1		0.0854		0.0102	0.0100	2.3	20.0
1,1-Dichloroethane	Ave	0.7350	0.7272	0.1000	0.00989	0.0100	-1.1	50.0
Vinyl acetate	Ave	0.9262	0.8221		0.00888	0.0100	-11.2	50.0
2,2-Dichloropropane	Ave	0.1073	0.1135		0.0106	0.0100	5.8	50.0
cis-1,2-Dichloroethene	Ave	0.3235	0.3288		0.0102	0.0100	1.6	50.0
2-Butanone (MEK)	Ave	0.2005	0.1932		0.0193	0.0200	-3.6	50.0
Bromochloromethane	Ave	0.1211	0.1197		0.00988	0.0100	-1.2	50.0
Tetrahydrofuran	Ave	0.1306	0.1295		0.0198	0.0200	-0.9	50.0
Chloroform	Ave	0.5663	0.5647		0.00997	0.0100	-0.3	20.0
1,1,1-Trichloroethane	Ave	0.5161	0.5224		0.0101	0.0100	1.2	50.0
Cyclohexane	Ave	0.7746	0.7944		0.0103	0.0100	2.6	50.0
1,1-Dichloropropene	Ave	0.4423	0.4350		0.00984	0.0100	-1.6	50.0
Carbon tetrachloride	Ave	0.4215	0.4367		0.0104	0.0100	3.6	50.0
Isobutyl alcohol	Ave	0.0210	0.0216		0.258	0.250	3.1	50.0
Benzene	Ave	1.239	1.235		0.00997	0.0100	-0.3	50.0
1,2-Dichloroethane	Ave	0.5458	0.5586		0.0102	0.0100	2.4	50.0
n-Heptane	Ave	0.0777	0.0817		0.0105	0.0100	5.2	50.0
Trichloroethene	Ave	0.2837	0.2841		0.0100	0.0100	0.1	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1
 SDG No.: Waste Char
 Lab Sample ID: ICV 240-445581/9 Calibration Date: 08/04/2020 17:48
 Instrument ID: A3UX10 Calib Start Date: 08/04/2020 14:54
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 08/04/2020 17:24
 Lab File ID: UXX8984.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methylcyclohexane	Ave	0.4780	0.4812		0.0101	0.0100	0.7	50.0
1,2-Dichloropropane	Ave	0.3967	0.4103		0.0103	0.0100	3.4	20.0
Dibromomethane	Ave	0.1569	0.1663		0.0106	0.0100	6.0	50.0
1,4-Dioxane	Ave	0.0023	0.0020		0.178	0.200	-10.8	50.0
Bromodichloromethane	Ave	0.4029	0.4255		0.0106	0.0100	5.6	50.0
2-Chloroethyl vinyl ether	Ave	0.2475	0.2610		0.0105	0.0100	5.4	50.0
cis-1,3-Dichloropropene	Ave	0.4498	0.4705		0.0105	0.0100	4.6	50.0
4-Methyl-2-pentanone (MIBK)	Ave	0.4041	0.4090		0.0202	0.0200	1.2	50.0
Toluene	Ave	2.005	2.003		0.00999	0.0100	-0.1	20.0
trans-1,3-Dichloropropene	Ave	0.6303	0.6192		0.00982	0.0100	-1.8	50.0
Ethyl methacrylate	Ave	0.6120	0.6377		0.0104	0.0100	4.2	50.0
1,1,2-Trichloroethane	Ave	0.3703	0.3874		0.0105	0.0100	4.6	50.0
Tetrachloroethene	Ave	0.3245	0.3294		0.0102	0.0100	1.5	50.0
1,3-Dichloropropane	Ave	0.6945	0.7026		0.0101	0.0100	1.2	50.0
2-Hexanone	Ave	0.4051	0.4031		0.0199	0.0200	-0.5	50.0
Dibromochloromethane	Ave	0.3660	0.3845		0.0105	0.0100	5.1	50.0
1,2-Dibromoethane	Ave	0.3252	0.3348		0.0103	0.0100	2.9	50.0
Chlorobenzene	Ave	1.046	1.040	0.3000	0.00995	0.0100	-0.5	50.0
1,1,1,2-Tetrachloroethane	Ave	0.3757	0.3966		0.0106	0.0100	5.6	50.0
Ethylbenzene	Ave	0.5834	0.6008		0.0103	0.0100	3.0	20.0
m-Xylene & p-Xylene	Ave	0.6938	0.7129		0.0103	0.0100	2.8	50.0
o-Xylene	Ave	0.6383	0.6445		0.0101	0.0100	1.0	50.0
Styrene	Ave	1.029	1.051		0.0102	0.0100	2.2	50.0
Bromoform	Ave	0.1617	0.1742	0.1000	0.0108	0.0100	7.8	50.0
Isopropylbenzene	Ave	1.598	1.674		0.0105	0.0100	4.7	50.0
1,1,1,2,2-Tetrachloroethane	Ave	1.036	1.086	0.3000	0.0105	0.0100	4.9	50.0
Bromobenzene	Ave	0.8993	0.9625		0.0107	0.0100	7.0	50.0
1,2,3-Trichloropropane	Ave	0.3061	0.3407		0.0111	0.0100	11.3	50.0
trans-1,4-Dichloro-2-butene	Lin1		0.2594		0.00936	0.0100	-6.4	50.0
N-Propylbenzene	Ave	1.080	1.115		0.0103	0.0100	3.3	50.0
2-Chlorotoluene	Ave	0.8675	0.9353		0.0108	0.0100	7.8	50.0
1,3,5-Trimethylbenzene	Ave	3.287	3.405		0.0104	0.0100	3.6	50.0
4-Chlorotoluene	Ave	0.8795	0.9144		0.0104	0.0100	4.0	50.0
tert-Butylbenzene	Ave	2.704	2.899		0.0107	0.0100	7.2	50.0
1,2,4-Trimethylbenzene	Ave	3.117	3.277		0.0105	0.0100	5.1	50.0
sec-Butylbenzene	Ave	3.753	4.014		0.0107	0.0100	6.9	50.0
1,3-Dichlorobenzene	Ave	1.597	1.604		0.0100	0.0100	0.4	50.0
p-Isopropyltoluene	Ave	2.889	3.108		0.0108	0.0100	7.6	50.0
1,4-Dichlorobenzene	Ave	1.614	1.599		0.00991	0.0100	-0.9	50.0
n-Butylbenzene	Ave	2.555	2.582		0.0101	0.0100	1.0	50.0
1,2-Dichlorobenzene	Ave	1.558	1.589		0.0102	0.0100	2.0	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1
 SDG No.: Waste Char
 Lab Sample ID: ICV 240-445581/9 Calibration Date: 08/04/2020 17:48
 Instrument ID: A3UX10 Calib Start Date: 08/04/2020 14:54
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 08/04/2020 17:24
 Lab File ID: UXX8984.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dibromo-3-Chloropropane	Ave	0.1693	0.2033		0.0120	0.0100	20.1	50.0
1,2,4-Trichlorobenzene	Ave	0.9403	0.9437		0.0100	0.0100	0.4	50.0
Hexachlorobutadiene	Ave	0.3757	0.3840		0.0102	0.0100	2.2	50.0
Naphthalene	Ave	2.564	2.529		0.00987	0.0100	-1.3	50.0
1,2,3-Trichlorobenzene	Ave	0.8910	0.8777		0.00985	0.0100	-1.5	50.0
Dibromofluoromethane (Surr)	Ave	0.2795	0.2719		0.00973	0.0100	-2.7	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.4300	0.4141		0.00963	0.0100	-3.7	50.0
Toluene-d8 (Surr)	Ave	1.742	1.667		0.00957	0.0100	-4.3	50.0
4-Bromofluorobenzene (Surr)	Ave	0.4566	0.4493		0.00984	0.0100	-1.6	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1
 SDG No.: Waste Char
 Lab Sample ID: ICV 240-445581/17 Calibration Date: 08/04/2020 21:08
 Instrument ID: A3UX10 Calib Start Date: 08/04/2020 18:13
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 08/04/2020 20:43
 Lab File ID: UXX8992.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Acetonitrile	Ave	0.0380	0.0379		0.0999	0.100	-0.0	50.0
Diisopropyl ether	Ave	0.2668	0.2895		0.0108	0.0100	8.5	50.0
2-Chloro-1,3-butadiene	Ave	0.8143	0.7962		0.00978	0.0100	-2.2	50.0
Ethyl tert-Butyl Ether (ETBE)	Ave	1.419	1.462		0.0103	0.0100	3.0	50.0
Ethyl acetate	Ave	0.4033	0.4260		0.0211	0.0200	5.6	50.0
Propionitrile	Ave	0.0506	0.0523		0.103	0.100	3.3	50.0
Methacrylonitrile	Ave	0.2518	0.2658		0.106	0.100	5.5	50.0
Tert-amyl methyl ether	Ave	0.9201	0.997		0.0108	0.0100	8.3	50.0
n-Butanol	Ave	0.0152	0.0149		0.245	0.250	-1.9	50.0
Ethyl acrylate	Ave	0.5649	0.5985		0.0106	0.0100	5.9	50.0
Methyl methacrylate	Ave	0.3705	0.3983		0.0215	0.0200	7.5	50.0
2-Nitropropane	Ave	0.1159	0.1226		0.0212	0.0200	5.8	50.0
n-Butyl acetate	Ave	0.4040	0.4223		0.0105	0.0100	4.5	50.0
1-Chlorohexane	Ave	0.6050	0.5815		0.00961	0.0100	-3.9	50.0
Cyclohexanone	Ave	0.0478	0.0551		0.115	0.100	15.4	50.0
Pentachloroethane	Lin1		0.0703		0.0121	0.0200	-39.5	50.0
1,2,3-Trimethylbenzene	Ave	3.027	3.257		0.0108	0.0100	7.6	50.0
Benzyl chloride	Lin1		0.3258		0.00895	0.0100	-10.5	50.0
1,3,5-Trichlorobenzene	Ave	1.085	1.177		0.0109	0.0100	8.5	50.0
2-Methylnaphthalene	Ave	1.557	1.616		0.0208	0.0200	3.8	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1
 SDG No.: Waste Char
 Lab Sample ID: CCVIS 240-446785/2 Calibration Date: 08/12/2020 13:22
 Instrument ID: A3UX10 Calib Start Date: 08/04/2020 14:54
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 08/04/2020 17:24
 Lab File ID: UXX9021.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.3062	0.3303		0.0108	0.0100	7.9	50.0
Chloromethane	Ave	0.4410	0.4135	0.1000	0.00938	0.0100	-6.2	50.0
Vinyl chloride	Ave	0.4252	0.4157		0.00978	0.0100	-2.2	20.0
Butadiene	Ave	0.6360	0.6249		0.00982	0.0100	-1.8	50.0
Bromomethane	Ave	0.1523	0.1322		0.00868	0.0100	-13.2	50.0
Chloroethane	Ave	0.2090	0.2201		0.0105	0.0100	5.3	50.0
Dichlorofluoromethane	Ave	0.4596	0.4629		0.0101	0.0100	0.7	50.0
Trichlorofluoromethane	Ave	0.4233	0.4175		0.00986	0.0100	-1.4	50.0
Ethyl ether	Ave	0.3814	0.3653		0.00958	0.0100	-4.2	50.0
Acrolein	Ave	0.0350	0.0357		0.0510	0.0500	2.1	50.0
1,1-Dichloroethene	Ave	0.2604	0.2475		0.00951	0.0100	-4.9	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.1939	0.2163		0.0112	0.0100	11.5	50.0
Acetone	Lin1		0.1215		0.0205	0.0200	2.4	50.0
Iodomethane	Ave	0.2337	0.2021		0.00865	0.0100	-13.5	50.0
Carbon disulfide	Ave	0.7970	0.7479		0.00938	0.0100	-6.2	50.0
3-Chloro-1-propene	Ave	0.2141	0.1792		0.00837	0.0100	-16.3	50.0
Methyl acetate	Ave	0.3213	0.3096		0.0193	0.0200	-3.7	50.0
Methylene Chloride	Ave	0.2599	0.2640		0.0102	0.0100	1.6	50.0
tert-Butyl alcohol (TBA)	Ave	0.0452	0.0410		0.0906	0.100	-9.4	50.0
Acrylonitrile	Ave	0.1429	0.1493		0.104	0.100	4.5	50.0
Methyl-tert-butyl Ether (MTBE)	Ave	0.9720	0.8930		0.00919	0.0100	-8.1	50.0
trans-1,2-Dichloroethene	Ave	0.3074	0.2826		0.00919	0.0100	-8.1	50.0
Hexane	Lin1		0.0875		0.0105	0.0100	4.6	20.0
1,1-Dichloroethane	Ave	0.7350	0.7031	0.1000	0.00957	0.0100	-4.3	50.0
Vinyl acetate	Ave	0.9262	0.9651		0.0104	0.0100	4.2	50.0
2,2-Dichloropropane	Ave	0.1073	0.1056		0.00985	0.0100	-1.5	50.0
cis-1,2-Dichloroethene	Ave	0.3235	0.3110		0.00961	0.0100	-3.9	50.0
2-Butanone (MEK)	Ave	0.2005	0.1880		0.0188	0.0200	-6.2	50.0
Bromochloromethane	Ave	0.1211	0.1165		0.00962	0.0100	-3.8	50.0
Tetrahydrofuran	Ave	0.1306	0.1277		0.0195	0.0200	-2.3	50.0
Chloroform	Ave	0.5663	0.5368		0.00948	0.0100	-5.2	20.0
1,1,1-Trichloroethane	Ave	0.5161	0.4825		0.00935	0.0100	-6.5	50.0
Cyclohexane	Ave	0.7746	0.8630		0.0111	0.0100	11.4	50.0
1,1-Dichloropropene	Ave	0.4423	0.4215		0.00953	0.0100	-4.7	50.0
Carbon tetrachloride	Ave	0.4215	0.4185		0.00993	0.0100	-0.7	50.0
Isobutyl alcohol	Ave	0.0210	0.0199		0.237	0.250	-5.3	50.0
Benzene	Ave	1.239	1.165		0.00940	0.0100	-6.0	50.0
1,2-Dichloroethane	Ave	0.5458	0.5142		0.00942	0.0100	-5.8	50.0
n-Heptane	Ave	0.0777	0.0878		0.0113	0.0100	13.0	50.0
Trichloroethene	Ave	0.2837	0.2634		0.00928	0.0100	-7.2	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1
 SDG No.: Waste Char
 Lab Sample ID: CCVIS 240-446785/2 Calibration Date: 08/12/2020 13:22
 Instrument ID: A3UX10 Calib Start Date: 08/04/2020 14:54
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 08/04/2020 17:24
 Lab File ID: UXX9021.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methylcyclohexane	Ave	0.4780	0.5184		0.0108	0.0100	8.4	50.0
1,2-Dichloropropane	Ave	0.3967	0.3742		0.00943	0.0100	-5.7	20.0
Dibromomethane	Ave	0.1569	0.1564		0.00996	0.0100	-0.4	50.0
1,4-Dioxane	Ave	0.0023	0.0020		0.172	0.200	-13.8	50.0
Bromodichloromethane	Ave	0.4029	0.3802		0.00944	0.0100	-5.6	50.0
2-Chloroethyl vinyl ether	Ave	0.2475	0.2384		0.0193	0.0200	-3.7	50.0
cis-1,3-Dichloropropene	Ave	0.4498	0.4279		0.00951	0.0100	-4.9	50.0
4-Methyl-2-pentanone (MIBK)	Ave	0.4041	0.3958		0.0196	0.0200	-2.1	50.0
Toluene	Ave	2.005	1.856		0.00926	0.0100	-7.4	20.0
trans-1,3-Dichloropropene	Ave	0.6303	0.6171		0.00979	0.0100	-2.1	50.0
Ethyl methacrylate	Ave	0.6120	0.6088		0.00995	0.0100	-0.5	50.0
1,1,2-Trichloroethane	Ave	0.3703	0.3617		0.00977	0.0100	-2.3	50.0
Tetrachloroethene	Ave	0.3245	0.3218		0.00992	0.0100	-0.8	50.0
1,3-Dichloropropane	Ave	0.6945	0.6565		0.00945	0.0100	-5.5	50.0
2-Hexanone	Ave	0.4051	0.4021		0.0199	0.0200	-0.7	50.0
Dibromochloromethane	Ave	0.3660	0.3643		0.00995	0.0100	-0.5	50.0
1,2-Dibromoethane	Ave	0.3252	0.3246		0.00998	0.0100	-0.2	50.0
Chlorobenzene	Ave	1.046	0.9859	0.3000	0.00943	0.0100	-5.7	50.0
1,1,1,2-Tetrachloroethane	Ave	0.3757	0.3709		0.00987	0.0100	-1.3	50.0
Ethylbenzene	Ave	0.5834	0.5667		0.00971	0.0100	-2.9	20.0
m-Xylene & p-Xylene	Ave	0.6938	0.6651		0.00959	0.0100	-4.1	50.0
o-Xylene	Ave	0.6383	0.6090		0.00954	0.0100	-4.6	50.0
Styrene	Ave	1.029	0.9805		0.00953	0.0100	-4.7	50.0
Bromoform	Ave	0.1617	0.1721	0.1000	0.0106	0.0100	6.4	50.0
Isopropylbenzene	Ave	1.598	1.570		0.00982	0.0100	-1.8	50.0
1,1,2,2-Tetrachloroethane	Ave	1.036	1.056	0.3000	0.0102	0.0100	2.0	50.0
Bromobenzene	Ave	0.8993	0.9068		0.0101	0.0100	0.8	50.0
1,2,3-Trichloropropane	Ave	0.3061	0.3214		0.0105	0.0100	5.0	50.0
trans-1,4-Dichloro-2-butene	Lin1		0.2481		0.00899	0.0100	-10.1	50.0
N-Propylbenzene	Ave	1.080	1.076		0.00996	0.0100	-0.4	50.0
2-Chlorotoluene	Ave	0.8675	0.8892		0.0102	0.0100	2.5	50.0
1,3,5-Trimethylbenzene	Ave	3.287	3.263		0.00993	0.0100	-0.7	50.0
4-Chlorotoluene	Ave	0.8795	0.8569		0.00974	0.0100	-2.6	50.0
tert-Butylbenzene	Ave	2.704	2.760		0.0102	0.0100	2.1	50.0
1,2,4-Trimethylbenzene	Ave	3.117	3.122		0.0100	0.0100	0.2	50.0
sec-Butylbenzene	Ave	3.753	3.841		0.0102	0.0100	2.3	50.0
1,3-Dichlorobenzene	Ave	1.597	1.482		0.00928	0.0100	-7.2	50.0
p-Isopropyltoluene	Ave	2.889	2.935		0.0102	0.0100	1.6	50.0
1,4-Dichlorobenzene	Ave	1.614	1.561		0.00967	0.0100	-3.3	50.0
1,2-Dichlorobenzene	Ave	1.558	1.533		0.00984	0.0100	-1.6	50.0
n-Butylbenzene	Ave	2.555	2.554		0.0100	0.0100	-0.0	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1
 SDG No.: Waste Char
 Lab Sample ID: CCVIS 240-446785/2 Calibration Date: 08/12/2020 13:22
 Instrument ID: A3UX10 Calib Start Date: 08/04/2020 14:54
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 08/04/2020 17:24
 Lab File ID: UXX9021.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dibromo-3-Chloropropane	Ave	0.1693	0.1871		0.0111	0.0100	10.5	50.0
1,2,4-Trichlorobenzene	Ave	0.9403	0.8990		0.00956	0.0100	-4.4	50.0
Hexachlorobutadiene	Ave	0.3757	0.3657		0.00973	0.0100	-2.7	50.0
Naphthalene	Ave	2.564	2.469		0.00963	0.0100	-3.7	50.0
1,2,3-Trichlorobenzene	Ave	0.8910	0.8565		0.00961	0.0100	-3.9	50.0
Dibromofluoromethane (Surr)	Ave	0.2795	0.2491		0.00891	0.0100	-10.9	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.4300	0.3762		0.00875	0.0100	-12.5	50.0
Toluene-d8 (Surr)	Ave	1.742	1.564		0.00898	0.0100	-10.2	50.0
4-Bromofluorobenzene (Surr)	Ave	0.4566	0.4324		0.00947	0.0100	-5.3	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1
 SDG No.: Waste Char
 Lab Sample ID: CCV 240-446785/3 Calibration Date: 08/12/2020 13:46
 Instrument ID: A3UX10 Calib Start Date: 08/04/2020 18:13
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 08/04/2020 20:43
 Lab File ID: UXX9022.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Acetonitrile	Ave	0.0380	0.0392		0.103	0.100	3.3	50.0
Diisopropyl ether	Ave	0.2668	0.2655		0.00995	0.0100	-0.5	50.0
2-Chloro-1,3-butadiene	Ave	0.8143	0.7971		0.00979	0.0100	-2.1	50.0
Ethyl tert-Butyl Ether (ETBE)	Ave	1.419	1.381		0.00973	0.0100	-2.7	50.0
Ethyl acetate	Ave	0.4033	0.3940		0.0195	0.0200	-2.3	50.0
Propionitrile	Ave	0.0506	0.0511		0.101	0.100	0.9	50.0
Methacrylonitrile	Ave	0.2518	0.2563		0.102	0.100	1.8	50.0
Tert-amyl methyl ether	Ave	0.9201	0.8957		0.00973	0.0100	-2.7	50.0
n-Butanol	Ave	0.0152	0.0139		0.228	0.250	-8.8	50.0
Ethyl acrylate	Ave	0.5649	0.5759		0.0102	0.0100	2.0	50.0
Methyl methacrylate	Ave	0.3705	0.3780		0.0204	0.0200	2.0	50.0
2-Nitropropane	Ave	0.1159	0.1179		0.0203	0.0200	1.7	50.0
n-Butyl acetate	Ave	0.4040	0.4164		0.0103	0.0100	3.1	50.0
1-Chlorohexane	Ave	0.6050	0.5929		0.00980	0.0100	-2.0	50.0
Cyclohexanone	Ave	0.0478	0.0469		0.0981	0.100	-1.9	50.0
Pentachloroethane	Lin1		0.1306		0.0210	0.0200	5.1	50.0
1,2,3-Trimethylbenzene	Ave	3.027	2.949		0.00974	0.0100	-2.6	50.0
Benzyl chloride	Lin1		0.3398		0.00931	0.0100	-6.9	50.0
1,3,5-Trichlorobenzene	Ave	1.085	1.043		0.00961	0.0100	-3.9	50.0
2-Methylnaphthalene	Ave	1.557	1.530		0.0197	0.0200	-1.7	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1
 SDG No.: Waste Char
 Lab Sample ID: CCVIS 240-447016/2 Calibration Date: 08/13/2020 12:41
 Instrument ID: A3UX10 Calib Start Date: 08/04/2020 14:54
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 08/04/2020 17:24
 Lab File ID: UXX9049.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.3062	0.3020		0.00986	0.0100	-1.4	50.0
Chloromethane	Ave	0.4410	0.3614	0.1000	0.00820	0.0100	-18.0	50.0
Vinyl chloride	Ave	0.4252	0.4140		0.00974	0.0100	-2.6	20.0
Butadiene	Ave	0.6360	0.5530		0.00869	0.0100	-13.1	50.0
Bromomethane	Ave	0.1523	0.1158		0.00760	0.0100	-24.0	50.0
Chloroethane	Ave	0.2090	0.2253		0.0108	0.0100	7.8	50.0
Dichlorofluoromethane	Ave	0.4596	0.4782		0.0104	0.0100	4.0	50.0
Trichlorofluoromethane	Ave	0.4233	0.3831		0.00905	0.0100	-9.5	50.0
Ethyl ether	Ave	0.3814	0.3884		0.0102	0.0100	1.8	50.0
Acrolein	Ave	0.0350	0.0311		0.0444	0.0500	-11.1	50.0
1,1-Dichloroethene	Ave	0.2604	0.2349		0.00902	0.0100	-9.8	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.1939	0.1931		0.00996	0.0100	-0.4	50.0
Acetone	Lin1		0.1300		0.0220	0.0200	10.2	50.0
Iodomethane	Ave	0.2337	0.1318		0.00564	0.0100	-43.6	50.0
Carbon disulfide	Ave	0.7970	0.7468		0.00937	0.0100	-6.3	50.0
3-Chloro-1-propene	Ave	0.2141	0.1740		0.00813	0.0100	-18.7	50.0
Methyl acetate	Ave	0.3213	0.3221		0.0200	0.0200	0.2	50.0
Methylene Chloride	Ave	0.2599	0.2910		0.0112	0.0100	12.0	50.0
tert-Butyl alcohol (TBA)	Ave	0.0452	0.0434		0.0961	0.100	-3.9	50.0
Acrylonitrile	Ave	0.1429	0.1492		0.104	0.100	4.4	50.0
Methyl-tert-butyl Ether (MTBE)	Ave	0.9720	0.9443		0.00971	0.0100	-2.9	50.0
trans-1,2-Dichloroethene	Ave	0.3074	0.3034		0.00987	0.0100	-1.3	50.0
Hexane	Lin1		0.0748		0.00901	0.0100	-9.9	20.0
1,1-Dichloroethane	Ave	0.7350	0.7401	0.1000	0.0101	0.0100	0.7	50.0
Vinyl acetate	Ave	0.9262	0.9509		0.0103	0.0100	2.7	50.0
2,2-Dichloropropane	Ave	0.1073	0.1090		0.0102	0.0100	1.6	50.0
cis-1,2-Dichloroethene	Ave	0.3235	0.3301		0.0102	0.0100	2.0	50.0
2-Butanone (MEK)	Ave	0.2005	0.1897		0.0189	0.0200	-5.4	50.0
Bromochloromethane	Ave	0.1211	0.1180		0.00974	0.0100	-2.6	50.0
Tetrahydrofuran	Ave	0.1306	0.1250		0.0191	0.0200	-4.3	50.0
Chloroform	Ave	0.5663	0.5726		0.0101	0.0100	1.1	20.0
1,1,1-Trichloroethane	Ave	0.5161	0.5153		0.00998	0.0100	-0.2	50.0
Cyclohexane	Ave	0.7746	0.7657		0.00989	0.0100	-1.1	50.0
1,1-Dichloropropene	Ave	0.4423	0.4245		0.00960	0.0100	-4.0	50.0
Carbon tetrachloride	Ave	0.4215	0.4239		0.0101	0.0100	0.6	50.0
Isobutyl alcohol	Ave	0.0210	0.0195		0.232	0.250	-7.3	50.0
Benzene	Ave	1.239	1.238		0.0100	0.0100	-0.0	50.0
1,2-Dichloroethane	Ave	0.5458	0.5732		0.0105	0.0100	5.0	50.0
n-Heptane	Ave	0.0777	0.0767		0.00987	0.0100	-1.3	50.0
Trichloroethene	Ave	0.2837	0.2779		0.00980	0.0100	-2.0	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1
 SDG No.: Waste Char
 Lab Sample ID: CCVIS 240-447016/2 Calibration Date: 08/13/2020 12:41
 Instrument ID: A3UX10 Calib Start Date: 08/04/2020 14:54
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 08/04/2020 17:24
 Lab File ID: UXX9049.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methylcyclohexane	Ave	0.4780	0.4612		0.00965	0.0100	-3.5	50.0
1,2-Dichloropropane	Ave	0.3967	0.4019		0.0101	0.0100	1.3	20.0
Dibromomethane	Ave	0.1569	0.1643		0.0105	0.0100	4.7	50.0
1,4-Dioxane	Ave	0.0023	0.0021		0.187	0.200	-6.3	50.0
Bromodichloromethane	Ave	0.4029	0.4032		0.0100	0.0100	0.0	50.0
2-Chloroethyl vinyl ether	Ave	0.2475	0.2458		0.0199	0.0200	-0.7	50.0
cis-1,3-Dichloropropene	Ave	0.4498	0.4729		0.0105	0.0100	5.1	50.0
4-Methyl-2-pentanone (MIBK)	Ave	0.4041	0.4038		0.0200	0.0200	-0.0	50.0
Toluene	Ave	2.005	2.033		0.0101	0.0100	1.4	20.0
trans-1,3-Dichloropropene	Ave	0.6303	0.6617		0.0105	0.0100	5.0	50.0
Ethyl methacrylate	Ave	0.6120	0.6307		0.0103	0.0100	3.1	50.0
1,1,2-Trichloroethane	Ave	0.3703	0.3778		0.0102	0.0100	2.0	50.0
Tetrachloroethene	Ave	0.3245	0.3228		0.00995	0.0100	-0.5	50.0
1,3-Dichloropropane	Ave	0.6945	0.7067		0.0102	0.0100	1.8	50.0
2-Hexanone	Ave	0.4051	0.4059		0.0200	0.0200	0.2	50.0
Dibromochloromethane	Ave	0.3660	0.3726		0.0102	0.0100	1.8	50.0
1,2-Dibromoethane	Ave	0.3252	0.3398		0.0104	0.0100	4.5	50.0
Chlorobenzene	Ave	1.046	1.049	0.3000	0.0100	0.0100	0.3	50.0
1,1,1,2-Tetrachloroethane	Ave	0.3757	0.4010		0.0107	0.0100	6.8	50.0
Ethylbenzene	Ave	0.5834	0.5984		0.0103	0.0100	2.6	20.0
m-Xylene & p-Xylene	Ave	0.6938	0.6938		0.0100	0.0100	0.0	50.0
o-Xylene	Ave	0.6383	0.6359		0.00996	0.0100	-0.4	50.0
Styrene	Ave	1.029	1.064		0.0103	0.0100	3.4	50.0
Bromoform	Ave	0.1617	0.1815	0.1000	0.0112	0.0100	12.3	50.0
Isopropylbenzene	Ave	1.598	1.661		0.0104	0.0100	3.9	50.0
1,1,2,2-Tetrachloroethane	Ave	1.036	0.9825	0.3000	0.00949	0.0100	-5.1	50.0
Bromobenzene	Ave	0.8993	0.8870		0.00986	0.0100	-1.4	50.0
1,2,3-Trichloropropane	Ave	0.3061	0.2942		0.00961	0.0100	-3.9	50.0
trans-1,4-Dichloro-2-butene	Lin1		0.2328		0.00849	0.0100	-15.1	50.0
N-Propylbenzene	Ave	1.080	1.058		0.00979	0.0100	-2.1	50.0
2-Chlorotoluene	Ave	0.8675	0.8912		0.0103	0.0100	2.7	50.0
1,3,5-Trimethylbenzene	Ave	3.287	3.283		0.00999	0.0100	-0.1	50.0
4-Chlorotoluene	Ave	0.8795	0.8472		0.00963	0.0100	-3.7	50.0
tert-Butylbenzene	Ave	2.704	2.716		0.0100	0.0100	0.4	50.0
1,2,4-Trimethylbenzene	Ave	3.117	3.106		0.00997	0.0100	-0.3	50.0
sec-Butylbenzene	Ave	3.753	3.779		0.0101	0.0100	0.7	50.0
1,3-Dichlorobenzene	Ave	1.597	1.622		0.0102	0.0100	1.5	50.0
p-Isopropyltoluene	Ave	2.889	2.935		0.0102	0.0100	1.6	50.0
1,4-Dichlorobenzene	Ave	1.614	1.656		0.0103	0.0100	2.6	50.0
n-Butylbenzene	Ave	2.555	2.563		0.0100	0.0100	0.3	50.0
1,2-Dichlorobenzene	Ave	1.558	1.675		0.0107	0.0100	7.5	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1
 SDG No.: Waste Char
 Lab Sample ID: CCVIS 240-447016/2 Calibration Date: 08/13/2020 12:41
 Instrument ID: A3UX10 Calib Start Date: 08/04/2020 14:54
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 08/04/2020 17:24
 Lab File ID: UXX9049.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dibromo-3-Chloropropane	Ave	0.1693	0.1871		0.0111	0.0100	10.5	50.0
1,2,4-Trichlorobenzene	Ave	0.9403	0.9428		0.0100	0.0100	0.3	50.0
Hexachlorobutadiene	Ave	0.3757	0.3806		0.0101	0.0100	1.3	50.0
Naphthalene	Ave	2.564	2.429		0.00947	0.0100	-5.3	50.0
1,2,3-Trichlorobenzene	Ave	0.8910	0.8747		0.00982	0.0100	-1.8	50.0
Dibromofluoromethane (Surr)	Ave	0.2795	0.2580		0.00923	0.0100	-7.7	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.4300	0.3827		0.00890	0.0100	-11.0	50.0
Toluene-d8 (Surr)	Ave	1.742	1.562		0.00897	0.0100	-10.3	50.0
4-Bromofluorobenzene (Surr)	Ave	0.4566	0.4337		0.00950	0.0100	-5.0	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1
 SDG No.: Waste Char
 Lab Sample ID: CCV 240-447016/3 Calibration Date: 08/13/2020 13:06
 Instrument ID: A3UX10 Calib Start Date: 08/04/2020 18:13
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 08/04/2020 20:43
 Lab File ID: UXX9050.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Acetonitrile	Ave	0.0380	0.0409		0.108	0.100	7.8	50.0
Diisopropyl ether	Ave	0.2668	0.2709		0.0102	0.0100	1.5	50.0
2-Chloro-1,3-butadiene	Ave	0.8143	0.7624		0.00936	0.0100	-6.4	50.0
Ethyl tert-Butyl Ether (ETBE)	Ave	1.419	1.407		0.00991	0.0100	-0.9	50.0
Ethyl acetate	Ave	0.4033	0.3949		0.0196	0.0200	-2.1	50.0
Propionitrile	Ave	0.0506	0.0517		0.102	0.100	2.1	50.0
Methacrylonitrile	Ave	0.2518	0.2496		0.0991	0.100	-0.9	50.0
Tert-amyl methyl ether	Ave	0.9201	0.9168		0.00996	0.0100	-0.4	50.0
n-Butanol	Ave	0.0152	0.0149		0.246	0.250	-1.6	50.0
Ethyl acrylate	Ave	0.5649	0.5692		0.0101	0.0100	0.8	50.0
Methyl methacrylate	Ave	0.3705	0.3709		0.0200	0.0200	0.1	50.0
2-Nitropropane	Ave	0.1159	0.1160		0.0200	0.0200	0.0	50.0
n-Butyl acetate	Ave	0.4040	0.4048		0.0100	0.0100	0.2	50.0
1-Chlorohexane	Ave	0.6050	0.5707		0.00943	0.0100	-5.7	50.0
Cyclohexanone	Ave	0.0478	0.0443		0.0927	0.100	-7.3	50.0
Pentachloroethane	Lin1		0.1155		0.0188	0.0200	-6.1	50.0
1,2,3-Trimethylbenzene	Ave	3.027	2.979		0.00984	0.0100	-1.6	50.0
Benzyl chloride	Lin1		0.3098		0.00854	0.0100	-14.6	50.0
1,3,5-Trichlorobenzene	Ave	1.085	1.019		0.00940	0.0100	-6.0	50.0
2-Methylnaphthalene	Ave	1.557	1.487		0.0191	0.0200	-4.5	50.0

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1
 SDG No.: Waste Char
 Client Sample ID: _____ Lab Sample ID: MB 240-446785/7
 Matrix: Water Lab File ID: UXX9026.D
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 08/12/2020 15:24
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 446785 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	5.4	U	10	5.4
71-43-2	Benzene	0.38	U	1.0	0.38
108-86-1	Bromobenzene	0.38	U	1.0	0.38
74-97-5	Bromochloromethane	0.52	U	1.0	0.52
75-27-4	Bromodichloromethane	0.35	U	1.0	0.35
75-25-2	Bromoform	0.76	U	1.0	0.76
74-83-9	Bromomethane	0.42	U	1.0	0.42
78-93-3	2-Butanone (MEK)	2.4	U	10	2.4
75-15-0	Carbon disulfide	0.28	U	1.0	0.28
56-23-5	Carbon tetrachloride	0.26	U	1.0	0.26
108-90-7	Chlorobenzene	0.32	U	1.0	0.32
75-00-3	Chloroethane	0.83	U	1.0	0.83
110-75-8	2-Chloroethyl vinyl ether	1.1	U	10	1.1
67-66-3	Chloroform	0.40	U	1.0	0.40
74-87-3	Chloromethane	0.64	U	1.0	0.64
95-49-8	2-Chlorotoluene	0.42	U	1.0	0.42
106-43-4	4-Chlorotoluene	0.44	U	1.0	0.44
156-59-2	cis-1,2-Dichloroethene	0.38	U	1.0	0.38
10061-01-5	cis-1,3-Dichloropropene	0.61	U	1.0	0.61
124-48-1	Dibromochloromethane	0.39	U	1.0	0.39
96-12-8	1,2-Dibromo-3-Chloropropane	0.91	U	2.0	0.91
106-93-4	1,2-Dibromoethane	0.37	U	1.0	0.37
74-95-3	Dibromomethane	0.33	U	1.0	0.33
95-50-1	1,2-Dichlorobenzene	0.43	U	1.0	0.43
541-73-1	1,3-Dichlorobenzene	0.40	U	1.0	0.40
106-46-7	1,4-Dichlorobenzene	0.37	U	1.0	0.37
75-71-8	Dichlorodifluoromethane	0.35	U	1.0	0.35
75-34-3	1,1-Dichloroethane	0.41	U	1.0	0.41
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
75-35-4	1,1-Dichloroethene	0.46	U	1.0	0.46
78-87-5	1,2-Dichloropropane	0.37	U	1.0	0.37
142-28-9	1,3-Dichloropropane	0.21	U	1.0	0.21
594-20-7	2,2-Dichloropropane	0.95	U	1.0	0.95
563-58-6	1,1-Dichloropropene	0.37	U	1.0	0.37
108-20-3	Diisopropyl ether	0.36	U	10	0.36
100-41-4	Ethylbenzene	0.39	U	1.0	0.39

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1
 SDG No.: Waste Char
 Client Sample ID: _____ Lab Sample ID: MB 240-446785/7
 Matrix: Water Lab File ID: UXX9026.D
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 08/12/2020 15:24
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 446785 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
637-92-3	Ethyl tert-Butyl Ether (ETBE)	0.43	U	5.0	0.43
87-68-3	Hexachlorobutadiene	0.83	U	1.0	0.83
591-78-6	2-Hexanone	2.1	U	10	2.1
98-82-8	Isopropylbenzene	0.45	U	1.0	0.45
75-09-2	Methylene Chloride	1.3	U	5.0	1.3
108-10-1	4-Methyl-2-pentanone (MIBK)	2.1	U	10	2.1
1634-04-4	Methyl-tert-butyl Ether (MTBE)	0.44	U	1.0	0.44
179601-23-1	m-Xylene & p-Xylene	0.40	U	2.0	0.40
91-20-3	Naphthalene	0.82	U	1.0	0.82
104-51-8	n-Butylbenzene	0.59	U	1.0	0.59
103-65-1	N-Propylbenzene	0.46	U	1.0	0.46
95-47-6	o-Xylene	0.43	U	1.0	0.43
99-87-6	p-Isopropyltoluene	0.49	U	1.0	0.49
135-98-8	sec-Butylbenzene	0.63	U	1.0	0.63
100-42-5	Styrene	0.40	U	1.0	0.40
994-05-8	Tert-amyl methyl ether	0.39	U	5.0	0.39
75-65-0	tert-Butyl alcohol (TBA)	1.7	U	40	1.7
98-06-6	tert-Butylbenzene	0.51	U	1.0	0.51
630-20-6	1,1,1,2-Tetrachloroethane	0.41	U	1.0	0.41
79-34-5	1,1,2,2-Tetrachloroethane	0.56	U	1.0	0.56
127-18-4	Tetrachloroethene	0.33	U	1.0	0.33
108-88-3	Toluene	0.35	U	1.0	0.35
156-60-5	trans-1,2-Dichloroethene	0.43	U	1.0	0.43
10061-02-6	trans-1,3-Dichloropropene	0.67	U	1.0	0.67
87-61-6	1,2,3-Trichlorobenzene	0.54	U	1.0	0.54
120-82-1	1,2,4-Trichlorobenzene	0.81	U	1.0	0.81
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-01-6	Trichloroethene	0.36	U	1.0	0.36
75-69-4	Trichlorofluoromethane	0.45	U	1.0	0.45
96-18-4	1,2,3-Trichloropropane	0.51	U	1.0	0.51
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.41	U	1.0	0.41
526-73-8	1,2,3-Trimethylbenzene	0.36	U	5.0	0.36
95-63-6	1,2,4-Trimethylbenzene	0.45	U	1.0	0.45
108-05-4	Vinyl acetate	0.78	U	2.0	0.78
75-01-4	Vinyl chloride	0.50	U	1.0	0.50

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1
 SDG No.: Waste Char
 Client Sample ID: _____ Lab Sample ID: MB 240-446785/7
 Matrix: Water Lab File ID: UXX9026.D
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 08/12/2020 15:24
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 446785 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1330-20-7	Xylenes, Total	0.42	U	2.0	0.42

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	95		47-134
1868-53-7	Dibromofluoromethane (Surr)	89		78-129
17060-07-0	1,2-Dichloroethane-d4 (Surr)	89		75-130
2037-26-5	Toluene-d8 (Surr)	92		69-122

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1
 SDG No.: Waste Char
 Client Sample ID: _____ Lab Sample ID: MB 240-447016/7
 Matrix: Water Lab File ID: UXX9054.D
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 08/13/2020 14:46
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 447016 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	5.4	U	10	5.4
71-43-2	Benzene	0.38	U	1.0	0.38
108-86-1	Bromobenzene	0.38	U	1.0	0.38
74-97-5	Bromochloromethane	0.52	U	1.0	0.52
75-27-4	Bromodichloromethane	0.35	U	1.0	0.35
75-25-2	Bromoform	0.76	U	1.0	0.76
74-83-9	Bromomethane	0.42	U	1.0	0.42
78-93-3	2-Butanone (MEK)	2.4	U	10	2.4
75-15-0	Carbon disulfide	0.28	U	1.0	0.28
56-23-5	Carbon tetrachloride	0.26	U	1.0	0.26
108-90-7	Chlorobenzene	0.32	U	1.0	0.32
75-00-3	Chloroethane	0.83	U	1.0	0.83
110-75-8	2-Chloroethyl vinyl ether	1.1	U	10	1.1
67-66-3	Chloroform	0.40	U	1.0	0.40
74-87-3	Chloromethane	0.64	U	1.0	0.64
95-49-8	2-Chlorotoluene	0.42	U	1.0	0.42
106-43-4	4-Chlorotoluene	0.44	U	1.0	0.44
156-59-2	cis-1,2-Dichloroethene	0.38	U	1.0	0.38
10061-01-5	cis-1,3-Dichloropropene	0.61	U	1.0	0.61
124-48-1	Dibromochloromethane	0.39	U	1.0	0.39
96-12-8	1,2-Dibromo-3-Chloropropane	0.91	U	2.0	0.91
106-93-4	1,2-Dibromoethane	0.37	U	1.0	0.37
74-95-3	Dibromomethane	0.33	U	1.0	0.33
95-50-1	1,2-Dichlorobenzene	0.43	U	1.0	0.43
541-73-1	1,3-Dichlorobenzene	0.40	U	1.0	0.40
106-46-7	1,4-Dichlorobenzene	0.37	U	1.0	0.37
75-71-8	Dichlorodifluoromethane	0.35	U	1.0	0.35
75-34-3	1,1-Dichloroethane	0.41	U	1.0	0.41
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
75-35-4	1,1-Dichloroethene	0.46	U	1.0	0.46
78-87-5	1,2-Dichloropropane	0.37	U	1.0	0.37
142-28-9	1,3-Dichloropropane	0.21	U	1.0	0.21
594-20-7	2,2-Dichloropropane	0.95	U	1.0	0.95
563-58-6	1,1-Dichloropropene	0.37	U	1.0	0.37
108-20-3	Diisopropyl ether	0.36	U	10	0.36
100-41-4	Ethylbenzene	0.39	U	1.0	0.39

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1
 SDG No.: Waste Char
 Client Sample ID: _____ Lab Sample ID: MB 240-447016/7
 Matrix: Water Lab File ID: UXX9054.D
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 08/13/2020 14:46
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 447016 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
637-92-3	Ethyl tert-Butyl Ether (ETBE)	0.43	U	5.0	0.43
87-68-3	Hexachlorobutadiene	0.83	U	1.0	0.83
591-78-6	2-Hexanone	2.1	U	10	2.1
98-82-8	Isopropylbenzene	0.45	U	1.0	0.45
75-09-2	Methylene Chloride	1.3	U	5.0	1.3
108-10-1	4-Methyl-2-pentanone (MIBK)	2.1	U	10	2.1
1634-04-4	Methyl-tert-butyl Ether (MTBE)	0.44	U	1.0	0.44
179601-23-1	m-Xylene & p-Xylene	0.40	U	2.0	0.40
91-20-3	Naphthalene	0.82	U	1.0	0.82
104-51-8	n-Butylbenzene	0.59	U	1.0	0.59
103-65-1	N-Propylbenzene	0.46	U	1.0	0.46
95-47-6	o-Xylene	0.43	U	1.0	0.43
99-87-6	p-Isopropyltoluene	0.49	U	1.0	0.49
135-98-8	sec-Butylbenzene	0.63	U	1.0	0.63
100-42-5	Styrene	0.40	U	1.0	0.40
994-05-8	Tert-amyl methyl ether	0.39	U	5.0	0.39
75-65-0	tert-Butyl alcohol (TBA)	1.7	U	40	1.7
98-06-6	tert-Butylbenzene	0.51	U	1.0	0.51
630-20-6	1,1,1,2-Tetrachloroethane	0.41	U	1.0	0.41
79-34-5	1,1,2,2-Tetrachloroethane	0.56	U	1.0	0.56
127-18-4	Tetrachloroethene	0.33	U	1.0	0.33
108-88-3	Toluene	0.35	U	1.0	0.35
156-60-5	trans-1,2-Dichloroethene	0.43	U	1.0	0.43
10061-02-6	trans-1,3-Dichloropropene	0.67	U	1.0	0.67
87-61-6	1,2,3-Trichlorobenzene	0.54	U	1.0	0.54
120-82-1	1,2,4-Trichlorobenzene	0.81	U	1.0	0.81
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-01-6	Trichloroethene	0.36	U	1.0	0.36
75-69-4	Trichlorofluoromethane	0.45	U	1.0	0.45
96-18-4	1,2,3-Trichloropropane	0.51	U	1.0	0.51
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.41	U	1.0	0.41
526-73-8	1,2,3-Trimethylbenzene	0.36	U	5.0	0.36
95-63-6	1,2,4-Trimethylbenzene	0.45	U	1.0	0.45
108-05-4	Vinyl acetate	0.78	U	2.0	0.78
75-01-4	Vinyl chloride	0.50	U	1.0	0.50

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1
 SDG No.: Waste Char
 Client Sample ID: _____ Lab Sample ID: MB 240-447016/7
 Matrix: Water Lab File ID: UXX9054.D
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 08/13/2020 14:46
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 447016 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1330-20-7	Xylenes, Total	0.42	U	2.0	0.42

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	96		47-134
1868-53-7	Dibromofluoromethane (Surr)	89		78-129
17060-07-0	1,2-Dichloroethane-d4 (Surr)	84		75-130
2037-26-5	Toluene-d8 (Surr)	92		69-122

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1
 SDG No.: Waste Char
 Client Sample ID: _____ Lab Sample ID: LCS 240-446785/4
 Matrix: Water Lab File ID: UXX9023.D
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 08/12/2020 14:10
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 446785 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	19.8		10	5.4
71-43-2	Benzene	9.08		1.0	0.38
108-86-1	Bromobenzene	9.18		1.0	0.38
74-97-5	Bromochloromethane	8.67		1.0	0.52
75-27-4	Bromodichloromethane	9.40		1.0	0.35
75-25-2	Bromoform	10.4		1.0	0.76
74-83-9	Bromomethane	9.80		1.0	0.42
78-93-3	2-Butanone (MEK)	18.1		10	2.4
75-15-0	Carbon disulfide	9.02		1.0	0.28
56-23-5	Carbon tetrachloride	9.67		1.0	0.26
108-90-7	Chlorobenzene	9.33		1.0	0.32
75-00-3	Chloroethane	11.4		1.0	0.83
110-75-8	2-Chloroethyl vinyl ether	9.20	J	10	1.1
67-66-3	Chloroform	9.15		1.0	0.40
74-87-3	Chloromethane	10.1		1.0	0.64
95-49-8	2-Chlorotoluene	9.52		1.0	0.42
106-43-4	4-Chlorotoluene	9.24		1.0	0.44
156-59-2	cis-1,2-Dichloroethene	9.47		1.0	0.38
10061-01-5	cis-1,3-Dichloropropene	9.18		1.0	0.61
124-48-1	Dibromochloromethane	9.68		1.0	0.39
96-12-8	1,2-Dibromo-3-Chloropropane	10.2		2.0	0.91
106-93-4	1,2-Dibromoethane	9.53		1.0	0.37
74-95-3	Dibromomethane	9.65		1.0	0.33
95-50-1	1,2-Dichlorobenzene	8.95		1.0	0.43
541-73-1	1,3-Dichlorobenzene	8.76		1.0	0.40
106-46-7	1,4-Dichlorobenzene	9.33		1.0	0.37
75-71-8	Dichlorodifluoromethane	13.3		1.0	0.35
75-34-3	1,1-Dichloroethane	9.29		1.0	0.41
107-06-2	1,2-Dichloroethane	9.20		1.0	0.43
75-35-4	1,1-Dichloroethene	9.83		1.0	0.46
78-87-5	1,2-Dichloropropane	9.43		1.0	0.37
142-28-9	1,3-Dichloropropane	9.48		1.0	0.21
594-20-7	2,2-Dichloropropane	9.24		1.0	0.95
563-58-6	1,1-Dichloropropene	8.98		1.0	0.37
100-41-4	Ethylbenzene	9.63		1.0	0.39
87-68-3	Hexachlorobutadiene	9.17		1.0	0.83

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1
 SDG No.: Waste Char
 Client Sample ID: _____ Lab Sample ID: LCS 240-446785/4
 Matrix: Water Lab File ID: UXX9023.D
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 08/12/2020 14:10
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 446785 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
591-78-6	2-Hexanone	19.1		10	2.1
98-82-8	Isopropylbenzene	9.62		1.0	0.45
75-09-2	Methylene Chloride	10.0		5.0	1.3
108-10-1	4-Methyl-2-pentanone (MIBK)	19.0		10	2.1
1634-04-4	Methyl-tert-butyl Ether (MTBE)	9.15		1.0	0.44
179601-23-1	m-Xylene & p-Xylene	9.32		2.0	0.40
91-20-3	Naphthalene	9.26		1.0	0.82
104-51-8	n-Butylbenzene	9.44		1.0	0.59
103-65-1	N-Propylbenzene	9.23		1.0	0.46
95-47-6	o-Xylene	9.48		1.0	0.43
99-87-6	p-Isopropyltoluene	9.85		1.0	0.49
135-98-8	sec-Butylbenzene	9.66		1.0	0.63
100-42-5	Styrene	9.42		1.0	0.40
75-65-0	tert-Butyl alcohol (TBA)	90.4		40	1.7
98-06-6	tert-Butylbenzene	9.48		1.0	0.51
630-20-6	1,1,1,2-Tetrachloroethane	9.61		1.0	0.41
79-34-5	1,1,2,2-Tetrachloroethane	9.47		1.0	0.56
127-18-4	Tetrachloroethene	9.58		1.0	0.33
108-88-3	Toluene	9.35		1.0	0.35
156-60-5	trans-1,2-Dichloroethene	8.82		1.0	0.43
10061-02-6	trans-1,3-Dichloropropene	8.91		1.0	0.67
87-61-6	1,2,3-Trichlorobenzene	9.33		1.0	0.54
120-82-1	1,2,4-Trichlorobenzene	9.25		1.0	0.81
71-55-6	1,1,1-Trichloroethane	9.26		1.0	0.24
79-01-6	Trichloroethene	9.11		1.0	0.36
75-69-4	Trichlorofluoromethane	11.0		1.0	0.45
96-18-4	1,2,3-Trichloropropane	10.1		1.0	0.51
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10.4		1.0	0.41
95-63-6	1,2,4-Trimethylbenzene	9.42		1.0	0.45
108-05-4	Vinyl acetate	8.04		2.0	0.78
75-01-4	Vinyl chloride	10.9		1.0	0.50
1330-20-7	Xylenes, Total	18.8		2.0	0.42

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1
 SDG No.: Waste Char
 Client Sample ID: _____ Lab Sample ID: LCS 240-446785/4
 Matrix: Water Lab File ID: UXX9023.D
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 08/12/2020 14:10
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 446785 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	94		47-134
1868-53-7	Dibromofluoromethane (Surr)	89		78-129
17060-07-0	1,2-Dichloroethane-d4 (Surr)	87		75-130
2037-26-5	Toluene-d8 (Surr)	91		69-122

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1
 SDG No.: Waste Char
 Client Sample ID: _____ Lab Sample ID: LCS 240-447016/4
 Matrix: Water Lab File ID: UXX9051.D
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 08/13/2020 13:31
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 447016 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	21.0		10	5.4
71-43-2	Benzene	9.33		1.0	0.38
108-86-1	Bromobenzene	8.87		1.0	0.38
74-97-5	Bromochloromethane	8.87		1.0	0.52
75-27-4	Bromodichloromethane	9.52		1.0	0.35
75-25-2	Bromoform	10.6		1.0	0.76
74-83-9	Bromomethane	8.55		1.0	0.42
78-93-3	2-Butanone (MEK)	17.5		10	2.4
75-15-0	Carbon disulfide	9.05		1.0	0.28
56-23-5	Carbon tetrachloride	9.97		1.0	0.26
108-90-7	Chlorobenzene	9.38		1.0	0.32
75-00-3	Chloroethane	10.8		1.0	0.83
110-75-8	2-Chloroethyl vinyl ether	9.50	J	10	1.1
67-66-3	Chloroform	9.55		1.0	0.40
74-87-3	Chloromethane	8.58		1.0	0.64
95-49-8	2-Chlorotoluene	9.37		1.0	0.42
106-43-4	4-Chlorotoluene	9.18		1.0	0.44
156-59-2	cis-1,2-Dichloroethene	9.55		1.0	0.38
10061-01-5	cis-1,3-Dichloropropene	9.51		1.0	0.61
124-48-1	Dibromochloromethane	9.88		1.0	0.39
96-12-8	1,2-Dibromo-3-Chloropropane	11.8		2.0	0.91
106-93-4	1,2-Dibromoethane	9.84		1.0	0.37
74-95-3	Dibromomethane	10.1		1.0	0.33
95-50-1	1,2-Dichlorobenzene	9.45		1.0	0.43
541-73-1	1,3-Dichlorobenzene	9.15		1.0	0.40
106-46-7	1,4-Dichlorobenzene	9.58		1.0	0.37
75-71-8	Dichlorodifluoromethane	12.1		1.0	0.35
75-34-3	1,1-Dichloroethane	9.52		1.0	0.41
107-06-2	1,2-Dichloroethane	9.64		1.0	0.43
75-35-4	1,1-Dichloroethene	9.45		1.0	0.46
78-87-5	1,2-Dichloropropane	9.57		1.0	0.37
142-28-9	1,3-Dichloropropane	9.45		1.0	0.21
594-20-7	2,2-Dichloropropane	9.66		1.0	0.95
563-58-6	1,1-Dichloropropene	9.25		1.0	0.37
100-41-4	Ethylbenzene	9.76		1.0	0.39
87-68-3	Hexachlorobutadiene	9.83		1.0	0.83

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1
 SDG No.: Waste Char
 Client Sample ID: _____ Lab Sample ID: LCS 240-447016/4
 Matrix: Water Lab File ID: UXX9051.D
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 08/13/2020 13:31
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 447016 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
591-78-6	2-Hexanone	18.8		10	2.1
98-82-8	Isopropylbenzene	9.80		1.0	0.45
75-09-2	Methylene Chloride	10.8		5.0	1.3
108-10-1	4-Methyl-2-pentanone (MIBK)	18.8		10	2.1
1634-04-4	Methyl-tert-butyl Ether (MTBE)	9.40		1.0	0.44
179601-23-1	m-Xylene & p-Xylene	9.56		2.0	0.40
91-20-3	Naphthalene	9.25		1.0	0.82
104-51-8	n-Butylbenzene	9.47		1.0	0.59
103-65-1	N-Propylbenzene	9.12		1.0	0.46
95-47-6	o-Xylene	9.47		1.0	0.43
99-87-6	p-Isopropyltoluene	9.89		1.0	0.49
135-98-8	sec-Butylbenzene	9.76		1.0	0.63
100-42-5	Styrene	9.60		1.0	0.40
75-65-0	tert-Butyl alcohol (TBA)	92.9		40	1.7
98-06-6	tert-Butylbenzene	9.34		1.0	0.51
630-20-6	1,1,1,2-Tetrachloroethane	9.41		1.0	0.41
79-34-5	1,1,2,2-Tetrachloroethane	9.03		1.0	0.56
127-18-4	Tetrachloroethene	9.62		1.0	0.33
108-88-3	Toluene	9.35		1.0	0.35
156-60-5	trans-1,2-Dichloroethene	9.21		1.0	0.43
10061-02-6	trans-1,3-Dichloropropene	9.11		1.0	0.67
87-61-6	1,2,3-Trichlorobenzene	9.59		1.0	0.54
120-82-1	1,2,4-Trichlorobenzene	9.22		1.0	0.81
71-55-6	1,1,1-Trichloroethane	9.64		1.0	0.24
79-01-6	Trichloroethene	9.20		1.0	0.36
75-69-4	Trichlorofluoromethane	9.92		1.0	0.45
96-18-4	1,2,3-Trichloropropane	9.73		1.0	0.51
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10.6		1.0	0.41
95-63-6	1,2,4-Trimethylbenzene	9.52		1.0	0.45
108-05-4	Vinyl acetate	8.65		2.0	0.78
75-01-4	Vinyl chloride	9.99		1.0	0.50
1330-20-7	Xylenes, Total	19.0		2.0	0.42

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1
 SDG No.: Waste Char
 Client Sample ID: _____ Lab Sample ID: LCS 240-447016/4
 Matrix: Water Lab File ID: UXX9051.D
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 08/13/2020 13:31
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 447016 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	96		47-134
1868-53-7	Dibromofluoromethane (Surr)	89		78-129
17060-07-0	1,2-Dichloroethane-d4 (Surr)	89		75-130
2037-26-5	Toluene-d8 (Surr)	90		69-122

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, CantonJob No.: 240-134314-1SDG No.: Waste CharInstrument ID: A3UX10Start Date: 08/04/2020 14:13Analysis Batch Number: 445581End Date: 08/04/2020 21:08

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 240-445581/1		08/04/2020 14:13	1	BFB1915.D	DB-624 0.18 (mm)
STD8260 240-445581/2 IC		08/04/2020 14:54	1	UXX8977.D	DB-624 0.18 (mm)
STD8260 240-445581/3 IC		08/04/2020 15:19	1	UXX8978.D	DB-624 0.18 (mm)
STD8260 240-445581/4 ICIS		08/04/2020 15:44	1	UXX8979.D	DB-624 0.18 (mm)
STD8260 240-445581/5 IC		08/04/2020 16:09	1	UXX8980.D	DB-624 0.18 (mm)
STD8260 240-445581/6 IC		08/04/2020 16:34	1	UXX8981.D	DB-624 0.18 (mm)
STD8260 240-445581/7 IC		08/04/2020 16:59	1	UXX8982.D	DB-624 0.18 (mm)
STD8260 240-445581/8 IC		08/04/2020 17:24	1	UXX8983.D	DB-624 0.18 (mm)
ICV 240-445581/9		08/04/2020 17:48	1	UXX8984.D	DB-624 0.18 (mm)
STDA9 240-445581/10 IC		08/04/2020 18:13	1	UXX8985.D	DB-624 0.18 (mm)
STDA9 240-445581/11 IC		08/04/2020 18:38	1	UXX8986.D	DB-624 0.18 (mm)
STDA9 240-445581/12 IC		08/04/2020 19:03	1	UXX8987.D	DB-624 0.18 (mm)
STDA9 240-445581/13 IC		08/04/2020 19:28	1	UXX8988.D	DB-624 0.18 (mm)
STDA9 240-445581/14 IC		08/04/2020 19:53	1	UXX8989.D	DB-624 0.18 (mm)
STDA9 240-445581/15 IC		08/04/2020 20:18	1	UXX8990.D	DB-624 0.18 (mm)
STDA9 240-445581/16 IC		08/04/2020 20:43	1	UXX8991.D	DB-624 0.18 (mm)
ICV 240-445581/17		08/04/2020 21:08	1	UXX8992.D	DB-624 0.18 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1

SDG No.: Waste Char

Instrument ID: A3UX10 Start Date: 08/12/2020 12:51

Analysis Batch Number: 446785 End Date: 08/13/2020 00:32

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 240-446785/1		08/12/2020 12:51	1	BFB1919.D	DB-624 0.18 (mm)
CCVIS 240-446785/2		08/12/2020 13:22	1	UXX9021.D	DB-624 0.18 (mm)
CCV 240-446785/3		08/12/2020 13:46	1	UXX9022.D	DB-624 0.18 (mm)
LCS 240-446785/4		08/12/2020 14:10	1	UXX9023.D	DB-624 0.18 (mm)
MRL 240-446785/5 MDLV		08/12/2020 14:35	1		DB-624 0.18 (mm)
MRL 240-446785/6 MDLV		08/12/2020 15:00	1		DB-624 0.18 (mm)
MB 240-446785/7		08/12/2020 15:24	1	UXX9026.D	DB-624 0.18 (mm)
ZZZZZ		08/12/2020 15:48	1		DB-624 0.18 (mm)
ZZZZZ		08/12/2020 16:13	1		DB-624 0.18 (mm)
ZZZZZ		08/12/2020 16:38	1		DB-624 0.18 (mm)
ZZZZZ		08/12/2020 17:02	1		DB-624 0.18 (mm)
ZZZZZ		08/12/2020 17:27	3.33		DB-624 0.18 (mm)
ZZZZZ		08/12/2020 17:52	3.33		DB-624 0.18 (mm)
ZZZZZ		08/12/2020 18:18	5		DB-624 0.18 (mm)
ZZZZZ		08/12/2020 18:43	1		DB-624 0.18 (mm)
ZZZZZ		08/12/2020 19:08	1		DB-624 0.18 (mm)
ZZZZZ		08/12/2020 19:33	1		DB-624 0.18 (mm)
ZZZZZ		08/12/2020 19:58	13.33		DB-624 0.18 (mm)
ZZZZZ		08/12/2020 20:23	40		DB-624 0.18 (mm)
ZZZZZ		08/12/2020 20:48	1		DB-624 0.18 (mm)
ZZZZZ		08/12/2020 21:13	1		DB-624 0.18 (mm)
ZZZZZ		08/12/2020 21:38	1		DB-624 0.18 (mm)
ZZZZZ		08/12/2020 22:03	1		DB-624 0.18 (mm)
240-134314-1		08/12/2020 22:27	1	UXX9043.D	DB-624 0.18 (mm)
ZZZZZ		08/12/2020 23:17	1		DB-624 0.18 (mm)
ZZZZZ		08/12/2020 23:42	1		DB-624 0.18 (mm)
ZZZZZ		08/13/2020 00:07	1		DB-624 0.18 (mm)
ZZZZZ		08/13/2020 00:32	1		DB-624 0.18 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1

SDG No.: Waste Char

Instrument ID: A3UX10 Start Date: 08/13/2020 12:14

Analysis Batch Number: 447016 End Date: 08/13/2020 23:54

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 240-447016/1		08/13/2020 12:14	1	BFB1921.D	DB-624 0.18 (mm)
CCVIS 240-447016/2		08/13/2020 12:41	1	UXX9049.D	DB-624 0.18 (mm)
CCV 240-447016/3		08/13/2020 13:06	1	UXX9050.D	DB-624 0.18 (mm)
LCS 240-447016/4		08/13/2020 13:31	1	UXX9051.D	DB-624 0.18 (mm)
MRL 240-447016/5 MDLV		08/13/2020 13:56	1		DB-624 0.18 (mm)
MRL 240-447016/6 MDLV		08/13/2020 14:21	1		DB-624 0.18 (mm)
MB 240-447016/7		08/13/2020 14:46	1	UXX9054.D	DB-624 0.18 (mm)
ZZZZZ		08/13/2020 15:36	2500		DB-624 0.18 (mm)
ZZZZZ		08/13/2020 16:01	40		DB-624 0.18 (mm)
240-134314-2		08/13/2020 17:16	1	UXX9060.D	DB-624 0.18 (mm)
ZZZZZ		08/13/2020 17:41	1		DB-624 0.18 (mm)
ZZZZZ		08/13/2020 18:06	1		DB-624 0.18 (mm)
ZZZZZ		08/13/2020 18:31	1		DB-624 0.18 (mm)
ZZZZZ		08/13/2020 18:55	1		DB-624 0.18 (mm)
ZZZZZ		08/13/2020 19:20	1		DB-624 0.18 (mm)
ZZZZZ		08/13/2020 19:45	1		DB-624 0.18 (mm)
ZZZZZ		08/13/2020 20:10	1		DB-624 0.18 (mm)
ZZZZZ		08/13/2020 21:00	1		DB-624 0.18 (mm)
ZZZZZ		08/13/2020 21:25	5		DB-624 0.18 (mm)
ZZZZZ		08/13/2020 21:50	500		DB-624 0.18 (mm)
ZZZZZ		08/13/2020 22:15	25		DB-624 0.18 (mm)
ZZZZZ		08/13/2020 22:40	1.33		DB-624 0.18 (mm)
ZZZZZ		08/13/2020 23:04	2.5		DB-624 0.18 (mm)
ZZZZZ		08/13/2020 23:29	25		DB-624 0.18 (mm)
ZZZZZ		08/13/2020 23:54	25		DB-624 0.18 (mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1

SDG No.: Waste Char

Batch Number: 445581 Batch Start Date: 08/04/20 14:13 Batch Analyst: Williams, Larry

Batch Method: 8260B Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	VM50IS 00084	vm50ss 00413	VMAROLISTDW 00355	vmbfb 00025
BFB 240-445581/1		8260B		5 mL	5 mL				1 uL
STD8260 240-445581/2 IC		8260B		5 mL	5 mL	1 uL	32 uL	32 uL	
STD8260 240-445581/3 IC		8260B		5 mL	5 mL	1 uL	16 uL	16 uL	
STD8260 240-445581/4 ICIS		8260B		5 mL	5 mL	1 uL	8 uL	8 uL	
STD8260 240-445581/5 IC		8260B		5 mL	5 mL	1 uL	4 uL	4 uL	
STD8260 240-445581/6 IC		8260B		5 mL	5 mL	1 uL	3.2 uL	3.2 uL	
STD8260 240-445581/7 IC		8260B		5 mL	5 mL	1 uL	1.6 uL	1.6 uL	
STD8260 240-445581/8 IC		8260B		5 mL	5 mL	1 uL	0.8 uL	0.8 uL	
ICV 240-445581/9		8260B		5 mL	5 mL	1 uL	8 uL		
STDA9 240-445581/10 IC		8260B		5 mL	5 mL	1 uL			
STDA9 240-445581/11 IC		8260B		5 mL	5 mL	1 uL			
STDA9 240-445581/12 IC		8260B		5 mL	5 mL	1 uL			
STDA9 240-445581/13 IC		8260B		5 mL	5 mL	1 uL			
STDA9 240-445581/14 IC		8260B		5 mL	5 mL	1 uL			
STDA9 240-445581/15 IC		8260B		5 mL	5 mL	1 uL			
STDA9 240-445581/16 IC		8260B		5 mL	5 mL	1 uL			
ICV 240-445581/17		8260B		5 mL	5 mL	1 uL			

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1

SDG No.: Waste Char

Batch Number: 445581 Batch Start Date: 08/04/20 14:13 Batch Analyst: Williams, Larry

Batch Method: 8260B Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	VMFASA9W 00286	VMFASAW 00338	VMFASGW 00370	VMFASPW 00360	VMRA9W 00355	VMRGAS 00349
BFB 240-445581/1		8260B							
STD8260 240-445581/2 IC		8260B							32 uL
STD8260 240-445581/3 IC		8260B							16 uL
STD8260 240-445581/4 ICIS		8260B							8 uL
STD8260 240-445581/5 IC		8260B							4 uL
STD8260 240-445581/6 IC		8260B							3.2 uL
STD8260 240-445581/7 IC		8260B							1.6 uL
STD8260 240-445581/8 IC		8260B							0.8 uL
ICV 240-445581/9		8260B			8 uL	8 uL	8 uL		
STDA9 240-445581/10 IC		8260B						32 uL	
STDA9 240-445581/11 IC		8260B						16 uL	
STDA9 240-445581/12 IC		8260B						8 uL	
STDA9 240-445581/13 IC		8260B						4 uL	
STDA9 240-445581/14 IC		8260B						3.2 uL	
STDA9 240-445581/15 IC		8260B						1.6 uL	
STDA9 240-445581/16 IC		8260B						0.8 uL	
ICV 240-445581/17		8260B		8 uL					

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1

SDG No.: Waste Char

Batch Number: 445581 Batch Start Date: 08/04/20 14:13 Batch Analyst: Williams, Larry

Batch Method: 8260B Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	VMRPRIMW 00397				
BFB 240-445581/1		8260B						
STD8260 240-445581/2 IC		8260B		32 uL				
STD8260 240-445581/3 IC		8260B		16 uL				
STD8260 240-445581/4 ICIS		8260B		8 uL				
STD8260 240-445581/5 IC		8260B		4 uL				
STD8260 240-445581/6 IC		8260B		3.2 uL				
STD8260 240-445581/7 IC		8260B		1.6 uL				
STD8260 240-445581/8 IC		8260B		0.8 uL				
ICV 240-445581/9		8260B						
STDA9 240-445581/10 IC		8260B						
STDA9 240-445581/11 IC		8260B						
STDA9 240-445581/12 IC		8260B						
STDA9 240-445581/13 IC		8260B						
STDA9 240-445581/14 IC		8260B						
STDA9 240-445581/15 IC		8260B						
STDA9 240-445581/16 IC		8260B						
ICV 240-445581/17		8260B						

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1

SDG No.: Waste Char

Batch Number: 445581 Batch Start Date: 08/04/20 14:13 Batch Analyst: Williams, Larry

Batch Method: 8260B Batch End Date: _____

Batch Notes	
pH Indicator ID	HC861525

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1

SDG No.: Waste Char

Batch Number: 446785 Batch Start Date: 08/12/20 12:51 Batch Analyst: Williams, Larry

Batch Method: 8260B Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	VM50IS 00084	vm50ss_stk 00085	VMAROLISTDW 00356
BFB 240-446785/1		8260B		5 mL	5 mL				
CCVIS 240-446785/2		8260B		5 mL	5 mL		1 uL	1 uL	8 uL
CCV 240-446785/3		8260B		5 mL	5 mL		1 uL		
LCS 240-446785/4		8260B		5 mL	5 mL		1 uL	1 uL	
MB 240-446785/7		8260B		5 mL	5 mL		1 uL	1 uL	
240-134314-A-1	TB-073120	8260B	T	5 mL	5 mL	<2 SU	1 uL	1 uL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	VMBFB 00025	VMFASAW 00339	VMFASGW 00371	VMFASPW 00361	VMRA9W 00356	VMRGAS 00350
BFB 240-446785/1		8260B		1 uL					
CCVIS 240-446785/2		8260B							8 uL
CCV 240-446785/3		8260B						8 uL	
LCS 240-446785/4		8260B			8 uL	8 uL	8 uL		
MB 240-446785/7		8260B							
240-134314-A-1	TB-073120	8260B	T						

Lab Sample ID	Client Sample ID	Method Chain	Basis	VMRPRIMW 00399					
BFB 240-446785/1		8260B							
CCVIS 240-446785/2		8260B		8 uL					
CCV 240-446785/3		8260B							
LCS 240-446785/4		8260B							
MB 240-446785/7		8260B							
240-134314-A-1	TB-073120	8260B	T						

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1

SDG No.: Waste Char

Batch Number: 446785 Batch Start Date: 08/12/20 12:51 Batch Analyst: Williams, Larry

Batch Method: 8260B Batch End Date: _____

Batch Notes	
pH Indicator ID	hc861525

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1

SDG No.: Waste Char

Batch Number: 447016 Batch Start Date: 08/13/20 12:14 Batch Analyst: Williams, Larry

Batch Method: 8260B Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	VM50IS 00084	vm50ss_stk 00085	VMAROLISTDW 00356
BFB 240-447016/1		8260B		5 mL	5 mL				
CCVIS 240-447016/2		8260B		5 mL	5 mL		1 uL	1 uL	8 uL
CCV 240-447016/3		8260B		5 mL	5 mL		1 uL		
LCS 240-447016/4		8260B		5 mL	5 mL		1 uL	1 uL	
MB 240-447016/7		8260B		5 mL	5 mL		1 uL	1 uL	
240-134314-I-2	WC-GSPMNA-W-0731 20	8260B	T	5 mL	5 mL	<2 SU	1 uL	1 uL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	VMBFB 00025	VMFASAW 00339	VMFASGW 00371	VMFASPW 00361	VMRA9W 00356	VMRGAS 00350
BFB 240-447016/1		8260B		1 uL					
CCVIS 240-447016/2		8260B							8 uL
CCV 240-447016/3		8260B						8 uL	
LCS 240-447016/4		8260B			8 uL	8 uL	8 uL		
MB 240-447016/7		8260B							
240-134314-I-2	WC-GSPMNA-W-0731 20	8260B	T						

Lab Sample ID	Client Sample ID	Method Chain	Basis	VMRPRIMW 00399					
BFB 240-447016/1		8260B							
CCVIS 240-447016/2		8260B		8 uL					
CCV 240-447016/3		8260B							
LCS 240-447016/4		8260B							
MB 240-447016/7		8260B							
240-134314-I-2	WC-GSPMNA-W-0731 20	8260B	T						

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1

SDG No.: Waste Char

Batch Number: 447016 Batch Start Date: 08/13/20 12:14 Batch Analyst: Williams, Larry

Batch Method: 8260B Batch End Date: _____

Batch Notes	
pH Indicator ID	hc861525

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Method 8082A

Polychlorinated Biphenyls (PCBs)
(GC) by Method 8082A

FORM II
PCBS SURROGATE RECOVERY

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1

SDG No.: Waste Char

Matrix: Water Level: Low

GC Column (2): CLP-1 (0.53 ID: 0.53 (mm))

Client Sample ID	Lab Sample ID	TCX2 #	DCBP2 #
WC-GSPMNA-W-073120	240-134314-2	64	53
	MB 240-445719/6-A	63	78
	LCS 240-445719/7-A	71	78

TCX = Tetrachloro-m-xylene
DCBP = DCB Decachlorobiphenyl

QC LIMITS
22-120
10-120

Column to be used to flag recovery values

FORM II 8082A

FORM III
PCBS LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1

SDG No.: Waste Char

Matrix: Water Level: Low Lab File ID: P10080713.D

Lab ID: LCS 240-445719/7-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Aroclor-1016	2.50	1.83	73	28-120	
Aroclor-1260	2.50	1.74	69	30-120	

Column to be used to flag recovery and RPD values

FORM IV
PCBS METHOD BLANK SUMMARY

Lab Name: <u>Eurofins TestAmerica, Canton</u>	Job No.: <u>240-134314-1</u>
SDG No.: <u>Waste Char</u>	
Lab Sample ID: <u>MB 240-445719/6-A</u>	
Matrix: <u>Water</u>	Date Extracted: <u>08/05/2020 09:46</u>
Lab File ID: (1) <u>P10080712.D</u>	Lab File ID: (2) <u>P10080712.D</u>
Date Analyzed: (1) <u>08/07/2020 09:46</u>	Date Analyzed: (2) <u>08/07/2020 09:46</u>
Instrument ID: (1) <u>A2HP10</u>	Instrument ID: (2) <u>A2HP10</u>
GC Column: (1) <u>CLP-2 (0.53m ID: 0.53(mm))</u>	GC Column: (2) <u>CLP-1 (0.53m ID: 0.53(mm))</u>

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
WC-GSPMNA-W-073120	240-134314-2	08/07/2020 09:30	08/07/2020 09:30
	LCS 240-445719/7-A	08/07/2020 10:02	08/07/2020 10:02

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1
 SDG No.: Waste Char
 Sample No.: STD05 240-441744/31 Date Analyzed: 07/08/2020 23:21
 Instrument ID: A2HP10 GC Column: CLP-1 (0.53mm) ID: 0.53 (mm)
 Lab File ID (Standard): P10070831.D Heated Purge: (Y/N) N
 Calibration ID: 57724

		BNB					
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		97206339	1.50				
UPPER LIMIT							
LOWER LIMIT							
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 240-441744/34		113974711	1.50				
ICV 240-441744/35		115964937	1.50				
ICV 240-441744/36		103087749	1.50				
ICV 240-441744/37		104300579	1.50				
ICV 240-441744/38		104715574	1.50				
ICV 240-441744/39		102740946	1.50				
ICV 240-441744/40		110288117	1.50				
ICV 240-441744/41		111783030	1.51				
CCV 240-446046/3 CCVIS		78451567	1.44				

Column used to flag values outside QC limits

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1
 SDG No.: Waste Char
 Sample No.: STD05 240-441744/31 Date Analyzed: 07/08/2020 23:21
 Instrument ID: A2HP10 GC Column: CLP-2 (0.53mm) ID: 0.53 (mm)
 Lab File ID (Standard): P10070831.D Heated Purge: (Y/N) N
 Calibration ID: 57725

	BNB					
	AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT	49752944	1.81				
UPPER LIMIT						
LOWER LIMIT						
LAB SAMPLE ID	CLIENT SAMPLE ID					
ICV 240-441744/34		59118291	1.81			
ICV 240-441744/35		60642567	1.81			
ICV 240-441744/36		53103185	1.81			
ICV 240-441744/37		54060022	1.81			
ICV 240-441744/38		54390660	1.81			
ICV 240-441744/39		53575932	1.81			
ICV 240-441744/40		57276743	1.81			
ICV 240-441744/41		58378325	1.81			

Column used to flag values outside QC limits

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1
 SDG No.: Waste Char
 Sample No.: CCV 240-446046/3 Date Analyzed: 08/07/2020 07:23
 Instrument ID: A2HP10 GC Column: CLP-1 (0.53mm) ID: 0.53 (mm)
 Lab File ID (Standard): P10080703.D Heated Purge: (Y/N) N
 Calibration ID: 57724

		BNB					
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		78451567	1.44				
UPPER LIMIT							
LOWER LIMIT							
LAB SAMPLE ID	CLIENT SAMPLE ID						
CCV 240-446046/4		69639025	1.44				
CCV 240-446046/5		70518849	1.44				
CCV 240-446046/6		69312015	1.44				
CCV 240-446046/7		71062454	1.44				
240-134314-2	WC-GSPMNA-W-073120	81896180	1.45				
MB 240-445719/6-A		81202625	1.45				
LCS 240-445719/7-A		80600277	1.45				

Column used to flag values outside QC limits

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1
 SDG No.: Waste Char
 Client Sample ID: _____ Lab Sample ID: LCS 240-445719/7-A
 Instrument ID (1): A2HP10 Instrument ID (2): A2HP10
 Date Analyzed (1): 08/07/2020 10:02 Date Analyzed (2): 08/07/2020 10:02
 GC Column (1): CLP-2 (0.53mm ID: 0.53(mm)) GC Column (2): CLP-1 (0.53mm ID: 0.53(mm))

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor-1016	1	1	3.87	3.85	3.88	1.70	1.78	3.1
		2	4.44	4.42	4.46	1.79		
		3	5.00	4.98	5.02	1.76		
		4	5.16	5.14	5.17	1.83		
		5	5.44	5.41	5.45	1.81		
	2	1	2.86	2.84	2.88	1.80	1.83	
		2	3.43	3.41	3.44	1.76		
		3	4.08	4.06	4.10	1.70		
		4	4.26	4.24	4.28	1.76		
		5	4.57	4.55	4.59	2.14		
Aroclor-1260	1	1	6.90	6.88	6.92	1.59	1.65	5.4
		2	7.10	7.08	7.11	1.52		
		3	7.41	7.39	7.43	1.50		
		4	7.97	7.95	7.99	1.81		
		5	8.27	8.25	8.29	1.80		
	2	1	6.06	6.03	6.07	1.59	1.74	
		2	6.32	6.30	6.34	1.56		
		3	6.69	6.67	6.71	1.79		
		4	7.19	7.17	7.21	1.87		
		5	7.43	7.41	7.45	1.88		

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1
 SDG No.: Waste Char
 Client Sample ID: WC-GSPMNA-W-073120 Lab Sample ID: 240-134314-2
 Matrix: Water Lab File ID: P10080711.D
 Analysis Method: 8082A Date Collected: 07/31/2020 08:00
 Extraction Method: 3510C Date Extracted: 08/05/2020 09:46
 Sample wt/vol: 1040 (mL) Date Analyzed: 08/07/2020 09:30
 Con. Extract Vol.: 2 (mL) Dilution Factor: 1
 Injection Volume: 1 (uL) GC Column: CLP-1 (0.53mm) ID: 0.53 (mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 446046 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor-1016	0.054	U	0.096	0.054
11104-28-2	Aroclor-1221	0.055	U	0.096	0.055
11141-16-5	Aroclor-1232	0.071	U	0.096	0.071
53469-21-9	Aroclor-1242	0.073	U	0.096	0.073
12672-29-6	Aroclor-1248	0.048	U	0.096	0.048
11097-69-1	Aroclor-1254	0.038	U	0.096	0.038
11096-82-5	Aroclor-1260	0.044	U	0.096	0.044

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	64		22-120
2051-24-3	DCB Decachlorobiphenyl	53		10-120

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1 Analy Batch No.: 441744

SDG No.: Waste Char

Instrument ID: A2HP10 GC Column: CLP-1 (0.53 ID: 0.53 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 07/08/2020 16:08 Calibration End Date: 07/08/2020 17:29 Calibration ID: 57692

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-441744/4	P10070804.D
Level 2	STD01 240-441744/5	P10070805.D
Level 3	STD02 240-441744/6	P10070806.D
Level 4	STD05 240-441744/7	P10070807.D
Level 5	STD1 240-441744/8	P10070808.D
Level 6	STD15 240-441744/9	P10070809.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
PCB-1232 Peak 1	0.0226 0.0182	0.0219	0.0209	0.0196	0.0183	Ave		0.0203			9.0		20.0				
PCB-1232 Peak 2	0.0171 0.0139	0.0157	0.0157	0.0150	0.0139	Ave		0.0152			8.1		20.0				
PCB-1232 Peak 3	0.0327 0.0315	0.0332	0.0326	0.0320	0.0307	Ave		0.0321			2.8		20.0				
PCB-1232 Peak 4	0.0172 0.0140	0.0169	0.0160	0.0146	0.0154	Ave		0.0157			8.2		20.0				
PCB-1232 Peak 5	0.0033 0.0046	0.0055	0.0057	0.0052	0.0049	Ave		0.0049			17.4		20.0				
PCB-1262 Peak 1	0.0405 0.0349	0.0352	0.0353	0.0357	0.0342	Ave		0.0360			6.3		20.0				
PCB-1262 Peak 2	0.0771 0.0703	0.0732	0.0714	0.0714	0.0687	Ave		0.0720			4.0		20.0				
PCB-1262 Peak 3	0.0671 0.0624	0.0617	0.0620	0.0619	0.0606	Ave		0.0626			3.6		20.0				
PCB-1262 Peak 4	0.1551 0.1513	0.1516	0.1512	0.1523	0.1464	Ave		0.1513			1.9		20.0				
PCB-1262 Peak 5	0.0642 0.0595	0.0602	0.0596	0.0589	0.0581	Ave		0.0601			3.6		20.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1 Analy Batch No.: 441744

SDG No.: Waste Char

Instrument ID: A2HP10 GC Column: CLP-1 (0.53 ID: 0.53(mm)) Heated Purge: (Y/N) N

Calibration Start Date: 07/08/2020 16:08 Calibration End Date: 07/08/2020 17:29 Calibration ID: 57692

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-441744/4	P10070804.D
Level 2	STD01 240-441744/5	P10070805.D
Level 3	STD02 240-441744/6	P10070806.D
Level 4	STD05 240-441744/7	P10070807.D
Level 5	STD1 240-441744/8	P10070808.D
Level 6	STD15 240-441744/9	P10070809.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1232 Peak 1	BNB	Ave	2641102 58331069	5177207	9016121	20012354	40401203	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1232 Peak 2	BNB	Ave	2003426 44565891	3720750	6752422	15282327	30590718	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1232 Peak 3	BNB	Ave	3828167 100731362	7852220	14030548	32599864	67721534	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1232 Peak 4	BNB	Ave	2015530 44751206	3995492	6876786	14824222	33959974	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1232 Peak 5	BNB	Ave	387206 14859780	1302268	2438861	5267602	10815311	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1262 Peak 1	BNB	Ave	4740457 111857456	8330610	15194200	36409060	75492689	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1262 Peak 2	BNB	Ave	9021460 224912276	17324236	30773379	72725660	151526154	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1262 Peak 3	BNB	Ave	7851330 199868103	14606144	26704827	63101769	133746218	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1262 Peak 4	BNB	Ave	18142080 484343474	35879214	65170008	155132399	322835926	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1262 Peak 5	BNB	Ave	7513424 190363222	14242557	25677097	60043686	128094529	0.0500 1.50	0.100	0.200	0.500	1.00

Curve Type Legend:

Ave = Average ISTD

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1 Analy Batch No.: 441744

SDG No.: Waste Char

Instrument ID: A2HP10 GC Column: CLP-2 (0.53 ID: 0.53 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 07/08/2020 16:08 Calibration End Date: 07/08/2020 17:29 Calibration ID: 57693

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-441744/4	P10070804.D
Level 2	STD01 240-441744/5	P10070805.D
Level 3	STD02 240-441744/6	P10070806.D
Level 4	STD05 240-441744/7	P10070807.D
Level 5	STD1 240-441744/8	P10070808.D
Level 6	STD15 240-441744/9	P10070809.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
PCB-1232 Peak 1	0.0268 0.0198	0.0247	0.0232	0.0218	0.0201	Ave		0.0227			12.0		20.0				
PCB-1232 Peak 2	0.0213 0.0159	0.0194	0.0182	0.0173	0.0159	Ave		0.0180			11.7		20.0				
PCB-1232 Peak 3	0.0384 0.0329	0.0359	0.0345	0.0336	0.0319	Ave		0.0345			6.7		20.0				
PCB-1232 Peak 4	0.0170 0.0145	0.0168	0.0151	0.0149	0.0142	Ave		0.0154			7.6		20.0				
PCB-1232 Peak 5	0.0085 0.0070	0.0080	0.0080	0.0072	0.0069	Ave		0.0076			8.6		20.0				
PCB-1262 Peak 1	0.0492 0.0421	0.0453	0.0443	0.0428	0.0410	Ave		0.0441			6.7		20.0				
PCB-1262 Peak 2	0.0560 0.0451	0.0512	0.0479	0.0462	0.0443	Ave		0.0485			9.1		20.0				
PCB-1262 Peak 3	0.0768 0.0660	0.0716	0.0680	0.0662	0.0639	Ave		0.0688			6.9		20.0				
PCB-1262 Peak 4	0.1481 0.1347	0.1371	0.1334	0.1317	0.1291	Ave		0.1357			4.9		20.0				
PCB-1262 Peak 5	0.1072 0.0963	0.1011	0.0982	0.0948	0.0930	Ave		0.0984			5.2		20.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1 Analy Batch No.: 441744

SDG No.: Waste Char

Instrument ID: A2HP10 GC Column: CLP-2 (0.53 ID: 0.53 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 07/08/2020 16:08 Calibration End Date: 07/08/2020 17:29 Calibration ID: 57693

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-441744/4	P10070804.D
Level 2	STD01 240-441744/5	P10070805.D
Level 3	STD02 240-441744/6	P10070806.D
Level 4	STD05 240-441744/7	P10070807.D
Level 5	STD1 240-441744/8	P10070808.D
Level 6	STD15 240-441744/9	P10070809.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1232 Peak 1	BNB	Ave	1528534 31677972	2893075	5048627	11072647	22111121	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1232 Peak 2	BNB	Ave	1214945 25372278	2271425	3958492	8810553	17502674	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1232 Peak 3	BNB	Ave	2190576 52648543	4205023	7515610	17073441	35189118	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1232 Peak 4	BNB	Ave	969630 23247894	1968533	3297040	7575829	15702641	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1232 Peak 5	BNB	Ave	486655 11202457	941793	1734108	3681476	7596974	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1262 Peak 1	BNB	Ave	2809041 67255124	5304457	9659148	21749607	45191884	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1262 Peak 2	BNB	Ave	3195137 72195740	5994235	10443089	23491045	48848297	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1262 Peak 3	BNB	Ave	4384788 105511351	8390520	14831147	33649778	70421031	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1262 Peak 4	BNB	Ave	8449392 215428554	16068828	29084867	66884328	142357448	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1262 Peak 5	BNB	Ave	6115175 153932076	11844005	21413601	48170357	102532238	0.0500 1.50	0.100	0.200	0.500	1.00

Curve Type Legend:

Ave = Average ISTD

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1 Analy Batch No.: 441744

SDG No.: Waste Char

Instrument ID: A2HP10 GC Column: CLP-1 (0.53 ID: 0.53 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 07/08/2020 17:45 Calibration End Date: 07/08/2020 19:05 Calibration ID: 57700

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-441744/10	P10070810.D
Level 2	STD01 240-441744/11	P10070811.D
Level 3	STD02 240-441744/12	P10070812.D
Level 4	STD05 240-441744/13	P10070813.D
Level 5	STD1 240-441744/14	P10070814.D
Level 6	STD15 240-441744/15	P10070815.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
PCB-1242 Peak 1	0.0146 0.0130	0.0155	0.0147	0.0134	0.0133	Ave		0.0141			7.2		20.0				
PCB-1242 Peak 2	0.0254 0.0239	0.0270	0.0269	0.0244	0.0242	Ave		0.0253			5.4		20.0				
PCB-1242 Peak 3	0.0495 0.0565	0.0548	0.0577	0.0545	0.0562	Ave		0.0549			5.2		20.0				
PCB-1242 Peak 4	0.0240 0.0244	0.0273	0.0261	0.0240	0.0243	Ave		0.0250			5.4		20.0				
PCB-1242 Peak 5	0.0078 0.0095	0.0095	0.0103	0.0093	0.0093	Ave		0.0093			8.8		20.0				
PCB-1268 Peak 1	0.1507 0.1683	0.1697	0.1710	0.1609	0.1655	Ave		0.1643			4.6		20.0				
PCB-1268 Peak 2	0.1396 0.1564	0.1644	0.1591	0.1495	0.1557	Ave		0.1541			5.6		20.0				
PCB-1268 Peak 3	0.1250 0.1382	0.1414	0.1399	0.1312	0.1367	Ave		0.1354			4.6		20.0				
PCB-1268 Peak 4	0.0528 0.0575	0.0611	0.0579	0.0554	0.0573	Ave		0.0570			4.9		20.0				
PCB-1268 Peak 5	0.3785 0.4240	0.4284	0.4214	0.4006	0.4197	Ave		0.4121			4.6		20.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1 Analy Batch No.: 441744

SDG No.: Waste Char

Instrument ID: A2HP10 GC Column: CLP-1 (0.53 ID: 0.53 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 07/08/2020 17:45 Calibration End Date: 07/08/2020 19:05 Calibration ID: 57700

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-441744/10	P10070810.D
Level 2	STD01 240-441744/11	P10070811.D
Level 3	STD02 240-441744/12	P10070812.D
Level 4	STD05 240-441744/13	P10070813.D
Level 5	STD1 240-441744/14	P10070814.D
Level 6	STD15 240-441744/15	P10070815.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1242 Peak 1	BNB	Ave	1549787 43063237	3384131	6200409	13954891	30376480	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1242 Peak 2	BNB	Ave	2701677 78924563	5868474	11322314	25438682	55465034	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1242 Peak 3	BNB	Ave	5265598 186610057	11934169	24268799	56832037	128741604	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1242 Peak 4	BNB	Ave	2556440 80554536	5945934	10964525	25014734	55729916	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1242 Peak 5	BNB	Ave	827443 31409586	2070406	4325378	9749381	21375628	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1268 Peak 1	BNB	Ave	16017688 555442839	36940931	71932186	167841647	379375107	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1268 Peak 2	BNB	Ave	14837103 516161881	35781836	66939337	155935845	356851042	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1268 Peak 3	BNB	Ave	13288292 456395654	30779345	58870247	136807487	313417733	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1268 Peak 4	BNB	Ave	5609858 189979697	13304446	24362561	57727511	131425115	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1268 Peak 5	BNB	Ave	40236022 1399663105	93251791	177290827	417742865	962173740	0.0500 1.50	0.100	0.200	0.500	1.00

Curve Type Legend:

Ave = Average ISTD

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1 Analy Batch No.: 441744

SDG No.: Waste Char

Instrument ID: A2HP10 GC Column: CLP-2 (0.53 ID: 0.53 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 07/08/2020 17:45 Calibration End Date: 07/08/2020 19:05 Calibration ID: 57701

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-441744/10	P10070810.D
Level 2	STD01 240-441744/11	P10070811.D
Level 3	STD02 240-441744/12	P10070812.D
Level 4	STD05 240-441744/13	P10070813.D
Level 5	STD1 240-441744/14	P10070814.D
Level 6	STD15 240-441744/15	P10070815.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
PCB-1242 Peak 1	0.0171 0.0139	0.0178	0.0171	0.0148	0.0143	Ave		0.0158			10.6		20.0				
PCB-1242 Peak 2	0.0289 0.0249	0.0311	0.0293	0.0267	0.0254	Ave		0.0277			8.8		20.0				
PCB-1242 Peak 3	0.0568 0.0574	0.0624	0.0606	0.0573	0.0567	Ave		0.0585			4.1		20.0				
PCB-1242 Peak 4	0.0270 0.0244	0.0268	0.0260	0.0257	0.0243	Ave		0.0257			4.5		20.0				
PCB-1242 Peak 5	0.0154 0.0128	0.0161	0.0148	0.0134	0.0132	Ave		0.0143			9.4		20.0				
PCB-1268 Peak 1	0.1464 0.1597	0.1631	0.1546	0.1474	0.1540	Ave		0.1542			4.3		20.0				
PCB-1268 Peak 2	0.1423 0.1583	0.1597	0.1528	0.1458	0.1533	Ave		0.1520			4.5		20.0				
PCB-1268 Peak 3	0.1234 0.1371	0.1377	0.1314	0.1255	0.1318	Ave		0.1312			4.4		20.0				
PCB-1268 Peak 4	0.0562 0.0552	0.0619	0.0583	0.0527	0.0545	Ave		0.0565			5.7		20.0				
PCB-1268 Peak 5	0.3598 0.4448	0.4100	0.4081	0.4051	0.4236	Ave		0.4086			6.9		20.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1 Analy Batch No.: 441744

SDG No.: Waste Char

Instrument ID: A2HP10 GC Column: CLP-2 (0.53 ID: 0.53 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 07/08/2020 17:45 Calibration End Date: 07/08/2020 19:05 Calibration ID: 57701

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-441744/10	P10070810.D
Level 2	STD01 240-441744/11	P10070811.D
Level 3	STD02 240-441744/12	P10070812.D
Level 4	STD05 240-441744/13	P10070813.D
Level 5	STD1 240-441744/14	P10070814.D
Level 6	STD15 240-441744/15	P10070815.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1242 Peak 1	BNB	Ave	911314 22914111	1932598	3606353	7690454	16617636	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1242 Peak 2	BNB	Ave	1543060 41056815	3382500	6197038	13902371	29583483	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1242 Peak 3	BNB	Ave	3032915 94741435	6785919	12814310	29840482	65978653	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1242 Peak 4	BNB	Ave	1441887 40171642	2915419	5506477	13347380	28325767	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1242 Peak 5	BNB	Ave	822268 21072866	1746789	3139232	6998381	15354520	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1268 Peak 1	BNB	Ave	7814776 263446798	17725348	32691055	76700789	179319345	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1268 Peak 2	BNB	Ave	7596635 261098165	17355804	32311130	75880387	178517932	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1268 Peak 3	BNB	Ave	6591206 226075809	14963849	27799395	65309267	153499537	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1268 Peak 4	BNB	Ave	3000648 90968386	6724741	12325437	27419313	63501311	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1268 Peak 5	BNB	Ave	19209958 733652106	44564402	86314057	210786431	493255013	0.0500 1.50	0.100	0.200	0.500	1.00

Curve Type Legend:

Ave = Average ISTD

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1 Analy Batch No.: 441744

SDG No.: Waste Char

Instrument ID: A2HP10 GC Column: CLP-1 (0.53 ID: 0.53 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 07/08/2020 19:21 Calibration End Date: 07/08/2020 20:41 Calibration ID: 57708

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-441744/16	P10070816.D
Level 2	STD01 240-441744/17	P10070817.D
Level 3	STD02 240-441744/18	P10070818.D
Level 4	STD05 240-441744/19	P10070819.D
Level 5	STD1 240-441744/20	P10070820.D
Level 6	STD15 240-441744/21	P10070821.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
PCB-1248 Peak 1	0.0179 0.0123	0.0151	0.0134	0.0130	0.0127	Ave		0.0141			15.1		20.0				
PCB-1248 Peak 2	0.0395 0.0353	0.0390	0.0346	0.0354	0.0352	Ave		0.0365			5.9		20.0				
PCB-1248 Peak 3	0.0422 0.0350	0.0392	0.0357	0.0360	0.0350	Ave		0.0372			7.8		20.0				
PCB-1248 Peak 4	0.0359 0.0287	0.0324	0.0282	0.0287	0.0283	Ave		0.0303			10.3		20.0				
PCB-1248 Peak 5	0.0212 0.0183	0.0205	0.0175	0.0187	0.0182	Ave		0.0191			7.5		20.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1 Analy Batch No.: 441744

SDG No.: Waste Char

Instrument ID: A2HP10 GC Column: CLP-1 (0.53 ID: 0.53 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 07/08/2020 19:21 Calibration End Date: 07/08/2020 20:41 Calibration ID: 57708

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-441744/16	P10070816.D
Level 2	STD01 240-441744/17	P10070817.D
Level 3	STD02 240-441744/18	P10070818.D
Level 4	STD05 240-441744/19	P10070819.D
Level 5	STD1 240-441744/20	P10070820.D
Level 6	STD15 240-441744/21	P10070821.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1248 Peak 1	BNB	Ave	2021162 41979315	3610392	6005860	13842393	27822638	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1248 Peak 2	BNB	Ave	4446591 120287116	9348328	15517963	37604814	77273895	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1248 Peak 3	BNB	Ave	4756856 119459586	9400925	15987902	38210478	76845323	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1248 Peak 4	BNB	Ave	4038760 97777968	7757758	12646981	30490019	62002475	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1248 Peak 5	BNB	Ave	2383983 62385673	4905918	7857459	19868028	39900747	0.0500 1.50	0.100	0.200	0.500	1.00

Curve Type Legend:

Ave = Average ISTD

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1 Analy Batch No.: 441744

SDG No.: Waste Char

Instrument ID: A2HP10 GC Column: CLP-2 (0.53 ID: 0.53 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 07/08/2020 19:21 Calibration End Date: 07/08/2020 20:41 Calibration ID: 57709

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-441744/16	P10070816.D
Level 2	STD01 240-441744/17	P10070817.D
Level 3	STD02 240-441744/18	P10070818.D
Level 4	STD05 240-441744/19	P10070819.D
Level 5	STD1 240-441744/20	P10070820.D
Level 6	STD15 240-441744/21	P10070821.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
PCB-1248 Peak 1	0.0197 0.0132	0.0173	0.0148	0.0148	0.0139	Ave		0.0156			15.5		20.0				
PCB-1248 Peak 2	0.0455 0.0362	0.0413	0.0370	0.0381	0.0365	Ave		0.0391			9.3		20.0				
PCB-1248 Peak 3	0.0417 0.0324	0.0370	0.0346	0.0347	0.0324	Ave		0.0355			9.9		20.0				
PCB-1248 Peak 4	0.0439 0.0364	0.0420	0.0372	0.0385	0.0365	Ave		0.0391			8.0		20.0				
PCB-1248 Peak 5	0.0246 0.0198	0.0225	0.0199	0.0211	0.0197	Ave		0.0213			9.2		20.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1 Analy Batch No.: 441744

SDG No.: Waste Char

Instrument ID: A2HP10 GC Column: CLP-2 (0.53 ID: 0.53 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 07/08/2020 19:21 Calibration End Date: 07/08/2020 20:41 Calibration ID: 57709

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-441744/16	P10070816.D
Level 2	STD01 240-441744/17	P10070817.D
Level 3	STD02 240-441744/18	P10070818.D
Level 4	STD05 240-441744/19	P10070819.D
Level 5	STD1 240-441744/20	P10070820.D
Level 6	STD15 240-441744/21	P10070821.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1248 Peak 1	BNB	Ave	1104007 22664934	2091326	3345913	7908778	15339951	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1248 Peak 2	BNB	Ave	2552987 62141230	4999110	8378802	20287209	40284883	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1248 Peak 3	BNB	Ave	2340973 55719106	4474063	7825063	18481666	35747118	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1248 Peak 4	BNB	Ave	2462028 62571398	5076784	8421716	20512895	40243501	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1248 Peak 5	BNB	Ave	1381106 33943073	2722222	4497228	11256296	21761311	0.0500 1.50	0.100	0.200	0.500	1.00

Curve Type Legend:

Ave = Average ISTD

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1 Analy Batch No.: 441744

SDG No.: Waste Char

Instrument ID: A2HP10 GC Column: CLP-1 (0.53 ID: 0.53 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 07/08/2020 20:57 Calibration End Date: 07/08/2020 22:17 Calibration ID: 57716

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-441744/22	P10070822.D
Level 2	STD01 240-441744/23	P10070823.D
Level 3	STD02 240-441744/24	P10070824.D
Level 4	STD05 240-441744/25	P10070825.D
Level 5	STD1 240-441744/26	P10070826.D
Level 6	STD15 240-441744/27	P10070827.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
PCB-1221 Peak 1	0.0118 0.0091	0.0113	0.0104	0.0102	0.0093	Ave		0.0103			10.3		20.0				
PCB-1221 Peak 2	0.0082 0.0059	0.0074	0.0069	0.0067	0.0061	Ave		0.0069			12.6		20.0				
PCB-1221 Peak 3	0.0285 0.0220	0.0266	0.0241	0.0241	0.0227	Ave		0.0247			9.9		20.0				
PCB-1254 Peak 1	0.0346 0.0279	0.0308	0.0288	0.0295	0.0282	Ave		0.0300			8.3		20.0				
PCB-1254 Peak 2	0.0490 0.0408	0.0441	0.0416	0.0424	0.0410	Ave		0.0431			7.2		20.0				
PCB-1254 Peak 3	0.0630 0.0586	0.0595	0.0584	0.0607	0.0591	Ave		0.0599			2.9		20.0				
PCB-1254 Peak 4	0.0548 0.0458	0.0488	0.0471	0.0474	0.0461	Ave		0.0483			6.9		20.0				
PCB-1254 Peak 5	0.0673 0.0621	0.0631	0.0624	0.0644	0.0626	Ave		0.0636			3.1		20.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1 Analy Batch No.: 441744

SDG No.: Waste Char

Instrument ID: A2HP10 GC Column: CLP-1 (0.53 ID: 0.53 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 07/08/2020 20:57 Calibration End Date: 07/08/2020 22:17 Calibration ID: 57716

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-441744/22	P10070822.D
Level 2	STD01 240-441744/23	P10070823.D
Level 3	STD02 240-441744/24	P10070824.D
Level 4	STD05 240-441744/25	P10070825.D
Level 5	STD1 240-441744/26	P10070826.D
Level 6	STD15 240-441744/27	P10070827.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1221 Peak 1	BNB	Ave	1303996 31547909	2521887	4910158	10461192	21440162	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1221 Peak 2	BNB	Ave	912469 20526076	1653902	3228375	6876401	14033636	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1221 Peak 3	BNB	Ave	3161975 76709735	5947209	11357662	24862279	52206007	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1254 Peak 1	BNB	Ave	3833000 97012570	6894363	13570542	30394954	64927745	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1254 Peak 2	BNB	Ave	5433660 141913452	9865326	19568552	43703662	94390874	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1254 Peak 3	BNB	Ave	6985472 204150577	13309702	27469038	62499034	136179834	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1254 Peak 4	BNB	Ave	6083247 159421048	10908105	22195171	48825220	106315822	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1254 Peak 5	BNB	Ave	7467783 216212799	14103896	29352094	66363594	144336026	0.0500 1.50	0.100	0.200	0.500	1.00

Curve Type Legend:

Ave = Average ISTD

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1 Analy Batch No.: 441744

SDG No.: Waste Char

Instrument ID: A2HP10 GC Column: CLP-2 (0.53 ID: 0.53 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 07/08/2020 20:57 Calibration End Date: 07/08/2020 22:17 Calibration ID: 57717

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-441744/22	P10070822.D
Level 2	STD01 240-441744/23	P10070823.D
Level 3	STD02 240-441744/24	P10070824.D
Level 4	STD05 240-441744/25	P10070825.D
Level 5	STD1 240-441744/26	P10070826.D
Level 6	STD15 240-441744/27	P10070827.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
PCB-1221 Peak 1	0.0138 0.0100	0.0131	0.0117	0.0112	0.0105	Ave		0.0117			12.6		20.0				
PCB-1221 Peak 2	0.0098 0.0066	0.0089	0.0080	0.0074	0.0069	Ave		0.0079			15.6		20.0				
PCB-1221 Peak 3	0.0324 0.0233	0.0300	0.0275	0.0268	0.0242	Ave		0.0274			12.6		20.0				
PCB-1254 Peak 1	0.0376 0.0331	0.0369	0.0360	0.0366	0.0332	Ave		0.0356			5.4		20.0				
PCB-1254 Peak 2	0.0462 0.0388	0.0429	0.0421	0.0411	0.0389	Ave		0.0417			6.6		20.0				
PCB-1254 Peak 3	0.0712 0.0626	0.0697	0.0650	0.0647	0.0623	Ave		0.0659			5.7		20.0				
PCB-1254 Peak 4	0.0609 0.0514	0.0569	0.0535	0.0531	0.0509	Ave		0.0544			7.0		20.0				
PCB-1254 Peak 5	0.0693 0.0606	0.0667	0.0628	0.0621	0.0599	Ave		0.0636			5.8		20.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1 Analy Batch No.: 441744

SDG No.: Waste Char

Instrument ID: A2HP10 GC Column: CLP-2 (0.53 ID: 0.53 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 07/08/2020 20:57 Calibration End Date: 07/08/2020 22:17 Calibration ID: 57717

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-441744/22	P10070822.D
Level 2	STD01 240-441744/23	P10070823.D
Level 3	STD02 240-441744/24	P10070824.D
Level 4	STD05 240-441744/25	P10070825.D
Level 5	STD1 240-441744/26	P10070826.D
Level 6	STD15 240-441744/27	P10070827.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1221 Peak 1	BNB	Ave	774342 17670133	1461734	2770039	5772750	12105381	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1221 Peak 2	BNB	Ave	551253 11609694	993818	1898112	3825896	7970172	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1221 Peak 3	BNB	Ave	1824046 41272640	3353808	6511866	13862618	27988613	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1254 Peak 1	BNB	Ave	2112816 58677809	4119126	8522485	18904023	38327948	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1254 Peak 2	BNB	Ave	2598243 68695419	4787312	9967648	21273924	44921327	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1254 Peak 3	BNB	Ave	4005528 110833269	7789458	15389362	33452822	71900092	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1254 Peak 4	BNB	Ave	3424215 91020429	6360762	12666154	27443643	58711157	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1254 Peak 5	BNB	Ave	3896441 107310621	7451562	14863177	32116171	69163172	0.0500 1.50	0.100	0.200	0.500	1.00

Curve Type Legend:

Ave = Average ISTD

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1 Analy Batch No.: 441744

SDG No.: Waste Char

Instrument ID: A2HP10 GC Column: CLP-1 (0.53 ID: 0.53 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 07/08/2020 22:33 Calibration End Date: 07/08/2020 23:53 Calibration ID: 57724

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-441744/28	P10070828.D
Level 2	STD01 240-441744/29	P10070829.D
Level 3	STD02 240-441744/30	P10070830.D
Level 4	STD05 240-441744/31	P10070831.D
Level 5	STD1 240-441744/32	P10070832.D
Level 6	STD15 240-441744/33	P10070833.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
PCB-1016 Peak 1	0.0204 0.0151	0.0170	0.0177	0.0171	0.0157	Ave		0.0172			10.9		20.0				
PCB-1016 Peak 2	0.0331 0.0269	0.0305	0.0315	0.0315	0.0281	Ave		0.0303			7.7		20.0				
PCB-1016 Peak 3	0.0702 0.0656	0.0640	0.0682	0.0718	0.0666	Ave		0.0677			4.3		20.0				
PCB-1016 Peak 4	0.0318 0.0284	0.0292	0.0321	0.0317	0.0289	Ave		0.0303			5.6		20.0				
PCB-1016 Peak 5	0.0118 0.0105	0.0114	0.0121	0.0125	0.0114	Ave		0.0116			5.9		20.0				
PCB-1260 Peak 1	0.0463 0.0420	0.0448	0.0434	0.0467	0.0430	Ave		0.0444			4.2		20.0				
PCB-1260 Peak 2	0.0891 0.0813	0.0851	0.0841	0.0897	0.0826	Ave		0.0853			4.0		20.0				
PCB-1260 Peak 3	0.0498 0.0438	0.0462	0.0449	0.0482	0.0440	Ave		0.0462			5.2		20.0				
PCB-1260 Peak 4	0.1222 0.1194	0.1181	0.1210	0.1286	0.1191	Ave		0.1214			3.1		20.0				
PCB-1260 Peak 5	0.0558 0.0529	0.0526	0.0541	0.0577	0.0529	Ave		0.0544			3.7		20.0				
Tetrachloro-m-xylene	1.0253 0.9066	1.0197	1.0198	0.9202	0.9471	Lin1	0.0005	0.9152						0.9990		0.9900	
DCB Decachlorobiphenyl	1.2169 0.9377	1.1114	1.0862	0.9533	0.9482	Lin1	0.0009	0.9314						1.0000		0.9900	

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1 Analy Batch No.: 441744

SDG No.: Waste Char

Instrument ID: A2HP10 GC Column: CLP-1 (0.53 ID: 0.53 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 07/08/2020 22:33 Calibration End Date: 07/08/2020 23:53 Calibration ID: 57724

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-441744/28	P10070828.D
Level 2	STD01 240-441744/29	P10070829.D
Level 3	STD02 240-441744/30	P10070830.D
Level 4	STD05 240-441744/31	P10070831.D
Level 5	STD1 240-441744/32	P10070832.D
Level 6	STD15 240-441744/33	P10070833.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1016 Peak 1	BNB	Ave	2238981 50950882	3915805	7816309	16617040	35817077	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1016 Peak 2	BNB	Ave	3626753 90855713	7034598	13943401	30650907	64281875	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1016 Peak 3	BNB	Ave	7684381 221446316	14762949	30169487	69831158	152327025	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1016 Peak 4	BNB	Ave	3485785 95837865	6735186	14208006	30768738	66130604	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1016 Peak 5	BNB	Ave	1291172 35462275	2636281	5363194	12144057	26065469	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1260 Peak 1	BNB	Ave	5071850 141724004	10342412	19199262	45415301	98464639	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1260 Peak 2	BNB	Ave	9756369 274258573	19642621	37191778	87205931	189024399	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1260 Peak 3	BNB	Ave	5452752 147918963	10668856	19860922	46826129	100654336	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1260 Peak 4	BNB	Ave	13388127 402936203	27257255	53484828	125024238	272526791	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1260 Peak 5	BNB	Ave	6115889 178568255	12149741	23944136	56092565	120941539	0.0500 1.50	0.100	0.200	0.500	1.00
Tetrachloro-m-xylene	BNB	Lin1	5615666 203995371	11765859	22546214	44724877	108321675	0.00250 0.100	0.00500	0.0100	0.0250	0.0500
DCB Decachlorobiphenyl	BNB	Lin1	6665149 210999140	12824585	24014336	46334973	108441597	0.00250 0.100	0.00500	0.0100	0.0250	0.0500

Curve Type Legend:

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1 Analy Batch No.: 441744

SDG No.: Waste Char

Instrument ID: A2HP10 GC Column: CLP-2 (0.53 ID: 0.53 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 07/08/2020 22:33 Calibration End Date: 07/08/2020 23:53 Calibration ID: 57725

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-441744/28	P10070828.D
Level 2	STD01 240-441744/29	P10070829.D
Level 3	STD02 240-441744/30	P10070830.D
Level 4	STD05 240-441744/31	P10070831.D
Level 5	STD1 240-441744/32	P10070832.D
Level 6	STD15 240-441744/33	P10070833.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
PCB-1016 Peak 1	0.0218 0.0156	0.0200	0.0192	0.0186	0.0164	Ave		0.0186			12.4		20.0				
PCB-1016 Peak 2	0.0392 0.0285	0.0346	0.0339	0.0343	0.0298	Ave		0.0334			11.4		20.0				
PCB-1016 Peak 3	0.0763 0.0674	0.0716	0.0710	0.0724	0.0682	Ave		0.0711			4.5		20.0				
PCB-1016 Peak 4	0.0340 0.0280	0.0318	0.0304	0.0310	0.0289	Ave		0.0307			7.0		20.0				
PCB-1016 Peak 5	0.0196 0.0144	0.0182	0.0163	0.0168	0.0152	Ave		0.0167			11.5		20.0				
PCB-1260 Peak 1	0.0524 0.0462	0.0502	0.0501	0.0506	0.0467	Ave		0.0493			4.9		20.0				
PCB-1260 Peak 2	0.0620 0.0532	0.0573	0.0565	0.0574	0.0532	Ave		0.0566			5.8		20.0				
PCB-1260 Peak 3	0.0924 0.0830	0.0885	0.0869	0.0884	0.0830	Ave		0.0870			4.1		20.0				
PCB-1260 Peak 4	0.1160 0.1076	0.1074	0.1071	0.1114	0.1060	Ave		0.1092			3.5		20.0				
PCB-1260 Peak 5	0.0875 0.0771	0.0811	0.0787	0.0798	0.0773	Ave		0.0802			4.8		20.0				
Tetrachloro-m-xylene	1.0914 0.9554	1.0520	1.0372	0.9280	0.9741	Lin1	0.0004	0.9521						0.9990		0.9900	
DCB Decachlorobiphenyl	1.1977 0.9490	1.0952	1.0533	0.9084	0.9370	Lin1	0.0007	0.9305						0.9990		0.9900	

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1 Analy Batch No.: 441744

SDG No.: Waste Char

Instrument ID: A2HP10 GC Column: CLP-2 (0.53 ID: 0.53 (mm)) Heated Purge: (Y/N) N

Calibration Start Date: 07/08/2020 22:33 Calibration End Date: 07/08/2020 23:53 Calibration ID: 57725

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-441744/28	P10070828.D
Level 2	STD01 240-441744/29	P10070829.D
Level 3	STD02 240-441744/30	P10070830.D
Level 4	STD05 240-441744/31	P10070831.D
Level 5	STD1 240-441744/32	P10070832.D
Level 6	STD15 240-441744/33	P10070833.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1016 Peak 1	BNB	Ave	1218767 27049696	2358839	4371474	9239959	19116276	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1016 Peak 2	BNB	Ave	2189890 49408091	4069860	7711300	17055387	34823777	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1016 Peak 3	BNB	Ave	4267955 116801233	8429579	16128992	35999481	79618563	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1016 Peak 4	BNB	Ave	1900406 48481175	3744521	6906868	15402068	33709206	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1016 Peak 5	BNB	Ave	1097103 24946728	2144453	3702866	8342746	17741900	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1260 Peak 1	BNB	Ave	2927534 80007635	5911520	11381404	25164177	54502187	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1260 Peak 2	BNB	Ave	3465474 92143725	6744784	12853468	28547948	62133157	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1260 Peak 3	BNB	Ave	5163686 143839876	10414560	19757641	43993303	96908519	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1260 Peak 4	BNB	Ave	6484819 186491399	12641327	24343874	55411949	123775734	0.0500 1.50	0.100	0.200	0.500	1.00
PCB-1260 Peak 5	BNB	Ave	4889227 133676282	9543690	17894211	39697404	90179136	0.0500 1.50	0.100	0.200	0.500	1.00
Tetrachloro-m-xylene	BNB	Lin1	3050603 110399769	6193141	11787184	23086425	56854782	0.00250 0.100	0.00500	0.0100	0.0250	0.0500
DCB Decachlorobiphenyl	BNB	Lin1	3347761 109657385	6447364	11970017	22597429	54687477	0.00250 0.100	0.00500	0.0100	0.0250	0.0500

Curve Type Legend:

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1
 SDG No.: Waste Char
 Lab Sample ID: ICV 240-441744/34 Calibration Date: 07/09/2020 00:09
 Instrument ID: A2HP10 Calib Start Date: 07/08/2020 20:57
 GC Column: CLP-1 (0.53mm) ID: 0.53 (mm) Calib End Date: 07/08/2020 22:17
 Lab File ID: P10070834.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1221 Peak 1	Ave	0.0103	0.0103		0.498	0.500	-0.5	
PCB-1221 Peak 2	Ave	0.0069	0.0064		0.465	0.500	-7.0	
PCB-1221 Peak 3	Ave	0.0247	0.0241		0.488	0.500	-2.5	

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1
 SDG No.: Waste Char
 Lab Sample ID: ICV 240-441744/34 Calibration Date: 07/09/2020 00:09
 Instrument ID: A2HP10 Calib Start Date: 07/08/2020 20:57
 GC Column: CLP-1 (0.53mm) ID: 0.53 (mm) Calib End Date: 07/08/2020 22:17
 Lab File ID: P10070834.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1221 Peak 1	2.68	2.66	2.70
PCB-1221 Peak 2	2.89	2.87	2.91
PCB-1221 Peak 3	2.95	2.93	2.97

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1
 SDG No.: Waste Char
 Lab Sample ID: ICV 240-441744/34 Calibration Date: 07/09/2020 00:09
 Instrument ID: A2HP10 Calib Start Date: 07/08/2020 20:57
 GC Column: CLP-2 (0.53mm) ID: 0.53 (mm) Calib End Date: 07/08/2020 22:17
 Lab File ID: P10070834.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1221 Peak 1	Ave	0.0117	0.0104		0.445	0.500	-10.9	
PCB-1221 Peak 2	Ave	0.0079	0.0078		0.490	0.500	-2.0	
PCB-1221 Peak 3	Ave	0.0274	0.0271		0.495	0.500	-1.1	

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1
 SDG No.: Waste Char
 Lab Sample ID: ICV 240-441744/34 Calibration Date: 07/09/2020 00:09
 Instrument ID: A2HP10 Calib Start Date: 07/08/2020 20:57
 GC Column: CLP-2 (0.53mm) ID: 0.53 (mm) Calib End Date: 07/08/2020 22:17
 Lab File ID: P10070834.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1221 Peak 1	3.66	3.63	3.67
PCB-1221 Peak 2	3.87	3.85	3.89
PCB-1221 Peak 3	3.96	3.94	3.98

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1
 SDG No.: Waste Char
 Lab Sample ID: ICV 240-441744/35 Calibration Date: 07/09/2020 00:25
 Instrument ID: A2HP10 Calib Start Date: 07/08/2020 16:08
 GC Column: CLP-1 (0.53mm) ID: 0.53 (mm) Calib End Date: 07/08/2020 17:29
 Lab File ID: P10070835.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1232 Peak 1	Ave	0.0203	0.0164		0.405	0.500	-19.0	
PCB-1232 Peak 2	Ave	0.0152	0.0140		0.459	0.500	-8.3	
PCB-1232 Peak 3	Ave	0.0321	0.0299		0.465	0.500	-6.9	
PCB-1232 Peak 4	Ave	0.0157	0.0132		0.422	0.500	-15.6	
PCB-1232 Peak 5	Ave	0.0049	0.0045		0.457	0.500	-8.5	

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1
 SDG No.: Waste Char
 Lab Sample ID: ICV 240-441744/35 Calibration Date: 07/09/2020 00:25
 Instrument ID: A2HP10 Calib Start Date: 07/08/2020 16:08
 GC Column: CLP-1 (0.53mm) ID: 0.53 (mm) Calib End Date: 07/08/2020 17:29
 Lab File ID: P10070835.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1232 Peak 1	2.95	2.93	2.97
PCB-1232 Peak 2	3.53	3.51	3.55
PCB-1232 Peak 3	4.18	4.16	4.19
PCB-1232 Peak 4	4.35	4.33	4.37
PCB-1232 Peak 5	4.66	4.63	4.67

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1
 SDG No.: Waste Char
 Lab Sample ID: ICV 240-441744/35 Calibration Date: 07/09/2020 00:25
 Instrument ID: A2HP10 Calib Start Date: 07/08/2020 16:08
 GC Column: CLP-2 (0.53mm) ID: 0.53 (mm) Calib End Date: 07/08/2020 17:29
 Lab File ID: P10070835.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1232 Peak 1	Ave	0.0227	0.0208		0.457	0.500	-8.5	
PCB-1232 Peak 2	Ave	0.0180	0.0163		0.454	0.500	-9.2	
PCB-1232 Peak 3	Ave	0.0345	0.0320		0.463	0.500	-7.4	
PCB-1232 Peak 4	Ave	0.0154	0.0130		0.421	0.500	-15.8	
PCB-1232 Peak 5	Ave	0.0076	0.0072		0.472	0.500	-5.6	

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1
 SDG No.: Waste Char
 Lab Sample ID: ICV 240-441744/35 Calibration Date: 07/09/2020 00:25
 Instrument ID: A2HP10 Calib Start Date: 07/08/2020 16:08
 GC Column: CLP-2 (0.53mm) ID: 0.53 (mm) Calib End Date: 07/08/2020 17:29
 Lab File ID: P10070835.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1232 Peak 1	3.96	3.94	3.98
PCB-1232 Peak 2	4.53	4.51	4.55
PCB-1232 Peak 3	5.08	5.07	5.10
PCB-1232 Peak 4	5.24	5.22	5.26
PCB-1232 Peak 5	5.51	5.50	5.53

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1
 SDG No.: Waste Char
 Lab Sample ID: ICV 240-441744/36 Calibration Date: 07/09/2020 00:41
 Instrument ID: A2HP10 Calib Start Date: 07/08/2020 17:45
 GC Column: CLP-1 (0.53mm) ID: 0.53 (mm) Calib End Date: 07/08/2020 19:05
 Lab File ID: P10070836.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1242 Peak 1	Ave	0.0141	0.0121		0.428	0.500	-14.4	
PCB-1242 Peak 2	Ave	0.0253	0.0235		0.463	0.500	-7.3	
PCB-1242 Peak 3	Ave	0.0549	0.0503		0.458	0.500	-8.3	
PCB-1242 Peak 4	Ave	0.0250	0.0216		0.431	0.500	-13.9	
PCB-1242 Peak 5	Ave	0.0093	0.0086		0.462	0.500	-7.7	

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1
 SDG No.: Waste Char
 Lab Sample ID: ICV 240-441744/36 Calibration Date: 07/09/2020 00:41
 Instrument ID: A2HP10 Calib Start Date: 07/08/2020 17:45
 GC Column: CLP-1 (0.53mm) ID: 0.53 (mm) Calib End Date: 07/08/2020 19:05
 Lab File ID: P10070836.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1242 Peak 1	2.95	2.93	2.97
PCB-1242 Peak 2	3.52	3.50	3.54
PCB-1242 Peak 3	4.18	4.16	4.19
PCB-1242 Peak 4	4.35	4.33	4.37
PCB-1242 Peak 5	4.66	4.64	4.67

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1
 SDG No.: Waste Char
 Lab Sample ID: ICV 240-441744/36 Calibration Date: 07/09/2020 00:41
 Instrument ID: A2HP10 Calib Start Date: 07/08/2020 17:45
 GC Column: CLP-2 (0.53mm) ID: 0.53 (mm) Calib End Date: 07/08/2020 19:05
 Lab File ID: P10070836.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1242 Peak 1	Ave	0.0158	0.0148		0.468	0.500	-6.5	
PCB-1242 Peak 2	Ave	0.0277	0.0254		0.458	0.500	-8.4	
PCB-1242 Peak 3	Ave	0.0585	0.0539		0.461	0.500	-7.9	
PCB-1242 Peak 4	Ave	0.0257	0.0227		0.441	0.500	-11.8	
PCB-1242 Peak 5	Ave	0.0143	0.0129		0.451	0.500	-9.8	

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1
 SDG No.: Waste Char
 Lab Sample ID: ICV 240-441744/36 Calibration Date: 07/09/2020 00:41
 Instrument ID: A2HP10 Calib Start Date: 07/08/2020 17:45
 GC Column: CLP-2 (0.53mm) ID: 0.53 (mm) Calib End Date: 07/08/2020 19:05
 Lab File ID: P10070836.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1242 Peak 1	3.96	3.94	3.98
PCB-1242 Peak 2	4.53	4.51	4.55
PCB-1242 Peak 3	5.08	5.06	5.10
PCB-1242 Peak 4	5.24	5.22	5.25
PCB-1242 Peak 5	5.52	5.50	5.53

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1
 SDG No.: Waste Char
 Lab Sample ID: ICV 240-441744/37 Calibration Date: 07/09/2020 00:57
 Instrument ID: A2HP10 Calib Start Date: 07/08/2020 19:21
 GC Column: CLP-1 (0.53mm) ID: 0.53 (mm) Calib End Date: 07/08/2020 20:41
 Lab File ID: P10070837.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1248 Peak 1	Ave	0.0141	0.0141		0.500	0.500	-0.0	
PCB-1248 Peak 2	Ave	0.0365	0.0437		0.598	0.500	19.6	
PCB-1248 Peak 3	Ave	0.0372	0.0405		0.544	0.500	8.7	
PCB-1248 Peak 4	Ave	0.0303	0.0331		0.545	0.500	8.9	
PCB-1248 Peak 5	Ave	0.0191	0.0194		0.508	0.500	1.5	

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1
 SDG No.: Waste Char
 Lab Sample ID: ICV 240-441744/37 Calibration Date: 07/09/2020 00:57
 Instrument ID: A2HP10 Calib Start Date: 07/08/2020 19:21
 GC Column: CLP-1 (0.53mm) ID: 0.53 (mm) Calib End Date: 07/08/2020 20:41
 Lab File ID: P10070837.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1248 Peak 1	3.52	3.51	3.55
PCB-1248 Peak 2	4.17	4.15	4.19
PCB-1248 Peak 3	4.85	4.83	4.87
PCB-1248 Peak 4	5.55	5.54	5.57
PCB-1248 Peak 5	5.95	5.93	5.97

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1
 SDG No.: Waste Char
 Lab Sample ID: ICV 240-441744/37 Calibration Date: 07/09/2020 00:57
 Instrument ID: A2HP10 Calib Start Date: 07/08/2020 19:21
 GC Column: CLP-2 (0.53mm) ID: 0.53 (mm) Calib End Date: 07/08/2020 20:41
 Lab File ID: P10070837.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1248 Peak 1	Ave	0.0156	0.0159		0.510	0.500	2.1	
PCB-1248 Peak 2	Ave	0.0391	0.0455		0.582	0.500	16.5	
PCB-1248 Peak 3	Ave	0.0355	0.0398		0.562	0.500	12.3	
PCB-1248 Peak 4	Ave	0.0391	0.0454		0.580	0.500	16.1	
PCB-1248 Peak 5	Ave	0.0213	0.0216		0.507	0.500	1.3	

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1
 SDG No.: Waste Char
 Lab Sample ID: ICV 240-441744/37 Calibration Date: 07/09/2020 00:57
 Instrument ID: A2HP10 Calib Start Date: 07/08/2020 19:21
 GC Column: CLP-2 (0.53mm) ID: 0.53 (mm) Calib End Date: 07/08/2020 20:41
 Lab File ID: P10070837.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1248 Peak 1	4.53	4.51	4.55
PCB-1248 Peak 2	5.08	5.06	5.10
PCB-1248 Peak 3	5.87	5.85	5.89
PCB-1248 Peak 4	6.18	6.16	6.19
PCB-1248 Peak 5	6.79	6.77	6.81

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1
 SDG No.: Waste Char
 Lab Sample ID: ICV 240-441744/38 Calibration Date: 07/09/2020 01:13
 Instrument ID: A2HP10 Calib Start Date: 07/08/2020 20:57
 GC Column: CLP-1 (0.53mm) ID: 0.53 (mm) Calib End Date: 07/08/2020 22:17
 Lab File ID: P10070838.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1254 Peak 1	Ave	0.0300	0.0285		0.476	0.500	-4.8	
PCB-1254 Peak 2	Ave	0.0431	0.0421		0.488	0.500	-2.4	
PCB-1254 Peak 3	Ave	0.0599	0.0588		0.491	0.500	-1.7	
PCB-1254 Peak 4	Ave	0.0483	0.0478		0.494	0.500	-1.2	
PCB-1254 Peak 5	Ave	0.0636	0.0681		0.535	0.500	7.0	

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1
 SDG No.: Waste Char
 Lab Sample ID: ICV 240-441744/38 Calibration Date: 07/09/2020 01:13
 Instrument ID: A2HP10 Calib Start Date: 07/08/2020 20:57
 GC Column: CLP-1 (0.53mm) ID: 0.53 (mm) Calib End Date: 07/08/2020 22:17
 Lab File ID: P10070838.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1254 Peak 1	5.28	5.26	5.29
PCB-1254 Peak 2	5.56	5.54	5.58
PCB-1254 Peak 3	5.95	5.93	5.97
PCB-1254 Peak 4	6.22	6.20	6.24
PCB-1254 Peak 5	6.65	6.64	6.67

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1
 SDG No.: Waste Char
 Lab Sample ID: ICV 240-441744/38 Calibration Date: 07/09/2020 01:13
 Instrument ID: A2HP10 Calib Start Date: 07/08/2020 20:57
 GC Column: CLP-2 (0.53mm) ID: 0.53 (mm) Calib End Date: 07/08/2020 22:17
 Lab File ID: P10070838.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1254 Peak 1	Ave	0.0356	0.0329		0.463	0.500	-7.4	
PCB-1254 Peak 2	Ave	0.0417	0.0396		0.476	0.500	-4.9	
PCB-1254 Peak 3	Ave	0.0659	0.0622		0.472	0.500	-5.7	
PCB-1254 Peak 4	Ave	0.0544	0.0539		0.495	0.500	-0.9	
PCB-1254 Peak 5	Ave	0.0636	0.0657		0.517	0.500	3.3	

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1
 SDG No.: Waste Char
 Lab Sample ID: ICV 240-441744/38 Calibration Date: 07/09/2020 01:13
 Instrument ID: A2HP10 Calib Start Date: 07/08/2020 20:57
 GC Column: CLP-2 (0.53mm) ID: 0.53 (mm) Calib End Date: 07/08/2020 22:17
 Lab File ID: P10070838.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1254 Peak 1	6.17	6.15	6.19
PCB-1254 Peak 2	6.37	6.35	6.38
PCB-1254 Peak 3	6.79	6.77	6.81
PCB-1254 Peak 4	7.31	7.29	7.33
PCB-1254 Peak 5	7.48	7.46	7.50

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1
 SDG No.: Waste Char
 Lab Sample ID: ICV 240-441744/39 Calibration Date: 07/09/2020 01:29
 Instrument ID: A2HP10 Calib Start Date: 07/08/2020 22:33
 GC Column: CLP-1 (0.53mm) ID: 0.53 (mm) Calib End Date: 07/08/2020 23:53
 Lab File ID: P10070839.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	0.0172	0.0149		0.435	0.500	-13.0	
PCB-1016 Peak 2	Ave	0.0303	0.0313		0.517	0.500	3.4	
PCB-1016 Peak 3	Ave	0.0677	0.0709		0.523	0.500	4.7	
PCB-1016 Peak 4	Ave	0.0303	0.0315		0.518	0.500	3.7	
PCB-1016 Peak 5	Ave	0.0116	0.0122		0.524	0.500	4.9	
PCB-1260 Peak 1	Ave	0.0444	0.0441		0.497	0.500	-0.7	
PCB-1260 Peak 2	Ave	0.0853	0.0849		0.498	0.500	-0.4	
PCB-1260 Peak 3	Ave	0.0462	0.0424		0.459	0.500	-8.2	
PCB-1260 Peak 4	Ave	0.1214	0.1171		0.482	0.500	-3.5	
PCB-1260 Peak 5	Ave	0.0544	0.0568		0.522	0.500	4.5	

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1
 SDG No.: Waste Char
 Lab Sample ID: ICV 240-441744/39 Calibration Date: 07/09/2020 01:29
 Instrument ID: A2HP10 Calib Start Date: 07/08/2020 22:33
 GC Column: CLP-1 (0.53mm) ID: 0.53(mm) Calib End Date: 07/08/2020 23:53
 Lab File ID: P10070839.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.95	2.93	2.97
PCB-1016 Peak 2	3.53	3.50	3.54
PCB-1016 Peak 3	4.18	4.16	4.20
PCB-1016 Peak 4	4.35	4.33	4.37
PCB-1016 Peak 5	4.66	4.64	4.68
PCB-1260 Peak 1	6.13	6.11	6.15
PCB-1260 Peak 2	6.40	6.38	6.42
PCB-1260 Peak 3	6.76	6.74	6.78
PCB-1260 Peak 4	7.27	7.25	7.28
PCB-1260 Peak 5	7.51	7.49	7.53

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1
 SDG No.: Waste Char
 Lab Sample ID: ICV 240-441744/39 Calibration Date: 07/09/2020 01:29
 Instrument ID: A2HP10 Calib Start Date: 07/08/2020 22:33
 GC Column: CLP-2 (0.53mm) ID: 0.53 (mm) Calib End Date: 07/08/2020 23:53
 Lab File ID: P10070839.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	0.0186	0.0180		0.485	0.500	-3.1	
PCB-1016 Peak 2	Ave	0.0334	0.0335		0.501	0.500	0.3	
PCB-1016 Peak 3	Ave	0.0711	0.0725		0.509	0.500	1.9	
PCB-1016 Peak 4	Ave	0.0307	0.0313		0.510	0.500	2.0	
PCB-1016 Peak 5	Ave	0.0167	0.0172		0.512	0.500	2.4	
PCB-1260 Peak 1	Ave	0.0493	0.0479		0.486	0.500	-2.9	
PCB-1260 Peak 2	Ave	0.0566	0.0548		0.484	0.500	-3.3	
PCB-1260 Peak 3	Ave	0.0870	0.0864		0.496	0.500	-0.7	
PCB-1260 Peak 4	Ave	0.1092	0.1034		0.473	0.500	-5.4	
PCB-1260 Peak 5	Ave	0.0802	0.0639		0.398	0.500	-20.4	

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1
 SDG No.: Waste Char
 Lab Sample ID: ICV 240-441744/39 Calibration Date: 07/09/2020 01:29
 Instrument ID: A2HP10 Calib Start Date: 07/08/2020 22:33
 GC Column: CLP-2 (0.53mm) ID: 0.53(mm) Calib End Date: 07/08/2020 23:53
 Lab File ID: P10070839.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	3.96	3.94	3.98
PCB-1016 Peak 2	4.53	4.51	4.55
PCB-1016 Peak 3	5.08	5.06	5.10
PCB-1016 Peak 4	5.24	5.22	5.26
PCB-1016 Peak 5	5.51	5.49	5.53
PCB-1260 Peak 1	6.97	6.95	6.99
PCB-1260 Peak 2	7.17	7.15	7.19
PCB-1260 Peak 3	7.48	7.46	7.50
PCB-1260 Peak 4	8.04	8.02	8.06
PCB-1260 Peak 5	8.34	8.32	8.36

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1
 SDG No.: Waste Char
 Lab Sample ID: CCV 240-446046/3 Calibration Date: 08/07/2020 07:23
 Instrument ID: A2HP10 Calib Start Date: 07/08/2020 22:33
 GC Column: CLP-1 (0.53mm) ID: 0.53 (mm) Calib End Date: 07/08/2020 23:53
 Lab File ID: P10080703.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	0.0172	0.0158		0.460	0.500	-8.0	
PCB-1016 Peak 2	Ave	0.0303	0.0286		0.473	0.500	-5.5	
PCB-1016 Peak 3	Ave	0.0677	0.0638		0.471	0.500	-5.9	
PCB-1016 Peak 4	Ave	0.0303	0.0273		0.449	0.500	-10.2	
PCB-1016 Peak 5	Ave	0.0116	0.0109		0.470	0.500	-6.0	
PCB-1260 Peak 1	Ave	0.0444	0.0397		0.447	0.500	-10.7	
PCB-1260 Peak 2	Ave	0.0853	0.0759		0.445	0.500	-11.0	
PCB-1260 Peak 3	Ave	0.0462	0.0417		0.452	0.500	-9.6	
PCB-1260 Peak 4	Ave	0.1214	0.1098		0.452	0.500	-9.6	
PCB-1260 Peak 5	Ave	0.0544	0.0501		0.461	0.500	-7.8	
Tetrachloro-m-xylene	Lin1		0.9391		0.0252	0.0250	0.6	
DCB Decachlorobiphenyl	Lin1		0.9718		0.0252	0.0250	0.6	

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1
 SDG No.: Waste Char
 Lab Sample ID: CCV 240-446046/3 Calibration Date: 08/07/2020 07:23
 Instrument ID: A2HP10 Calib Start Date: 07/08/2020 22:33
 GC Column: CLP-1 (0.53mm) ID: 0.53 (mm) Calib End Date: 07/08/2020 23:53
 Lab File ID: P10080703.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.86	2.84	2.88
PCB-1016 Peak 2	3.42	3.41	3.44
PCB-1016 Peak 3	4.08	4.06	4.10
PCB-1016 Peak 4	4.26	4.24	4.28
PCB-1016 Peak 5	4.57	4.55	4.59
PCB-1260 Peak 1	6.05	6.03	6.07
PCB-1260 Peak 2	6.32	6.30	6.34
PCB-1260 Peak 3	6.69	6.67	6.71
PCB-1260 Peak 4	7.19	7.17	7.21
PCB-1260 Peak 5	7.43	7.41	7.45
Tetrachloro-m-xylene	2.33	2.31	2.35
DCB Decachlorobiphenyl	8.36	8.34	8.38

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1
 SDG No.: Waste Char
 Lab Sample ID: CCV 240-446046/4 Calibration Date: 08/07/2020 07:38
 Instrument ID: A2HP10 Calib Start Date: 07/08/2020 16:08
 GC Column: CLP-1 (0.53mm) ID: 0.53 (mm) Calib End Date: 07/08/2020 17:29
 Lab File ID: P10080704.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1232 Peak 1	Ave	0.0203	0.0196		0.482	0.500	-3.5	
PCB-1232 Peak 2	Ave	0.0152	0.0144		0.472	0.500	-5.7	
PCB-1232 Peak 3	Ave	0.0321	0.0295		0.459	0.500	-8.2	
PCB-1232 Peak 4	Ave	0.0157	0.0127		0.406	0.500	-18.9	
PCB-1232 Peak 5	Ave	0.0049	0.0054		0.552	0.500	10.4	
PCB-1262 Peak 1	Ave	0.0360	0.0335		0.465	0.500	-7.0	
PCB-1262 Peak 2	Ave	0.0720	0.0706		0.490	0.500	-1.9	
PCB-1262 Peak 3	Ave	0.0626	0.0607		0.484	0.500	-3.1	
PCB-1262 Peak 4	Ave	0.1513	0.1519		0.502	0.500	0.4	
PCB-1262 Peak 5	Ave	0.0601	0.0617		0.513	0.500	2.7	

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1
 SDG No.: Waste Char
 Lab Sample ID: CCV 240-446046/4 Calibration Date: 08/07/2020 07:38
 Instrument ID: A2HP10 Calib Start Date: 07/08/2020 16:08
 GC Column: CLP-1 (0.53mm) ID: 0.53(mm) Calib End Date: 07/08/2020 17:29
 Lab File ID: P10080704.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1232 Peak 1	2.86	2.84	2.87
PCB-1232 Peak 2	3.42	3.40	3.44
PCB-1232 Peak 3	4.08	4.07	4.10
PCB-1232 Peak 4	4.26	4.24	4.27
PCB-1232 Peak 5	4.57	4.55	4.59
PCB-1262 Peak 1	6.05	6.03	6.07
PCB-1262 Peak 2	6.69	6.67	6.71
PCB-1262 Peak 3	6.91	6.89	6.93
PCB-1262 Peak 4	7.19	7.17	7.21
PCB-1262 Peak 5	7.47	7.45	7.49

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1
 SDG No.: Waste Char
 Lab Sample ID: CCV 240-446046/5 Calibration Date: 08/07/2020 07:54
 Instrument ID: A2HP10 Calib Start Date: 07/08/2020 17:45
 GC Column: CLP-1 (0.53mm) ID: 0.53 (mm) Calib End Date: 07/08/2020 19:05
 Lab File ID: P10080705.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1242 Peak 1	Ave	0.0141	0.0139		0.495	0.500	-1.0	
PCB-1242 Peak 2	Ave	0.0253	0.0252		0.498	0.500	-0.4	
PCB-1242 Peak 3	Ave	0.0549	0.0535		0.487	0.500	-2.6	
PCB-1242 Peak 4	Ave	0.0250	0.0238		0.475	0.500	-5.0	
PCB-1242 Peak 5	Ave	0.0093	0.0095		0.510	0.500	2.0	
PCB-1268 Peak 1	Ave	0.1643	0.1681		0.512	0.500	2.3	
PCB-1268 Peak 2	Ave	0.1541	0.1629		0.528	0.500	5.7	
PCB-1268 Peak 3	Ave	0.1354	0.1423		0.525	0.500	5.1	
PCB-1268 Peak 4	Ave	0.0570	0.0613		0.538	0.500	7.6	
PCB-1268 Peak 5	Ave	0.4121	0.4448		0.540	0.500	7.9	

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1
 SDG No.: Waste Char
 Lab Sample ID: CCV 240-446046/5 Calibration Date: 08/07/2020 07:54
 Instrument ID: A2HP10 Calib Start Date: 07/08/2020 17:45
 GC Column: CLP-1 (0.53mm) ID: 0.53(mm) Calib End Date: 07/08/2020 19:05
 Lab File ID: P10080705.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1242 Peak 1	2.86	2.84	2.88
PCB-1242 Peak 2	3.42	3.40	3.44
PCB-1242 Peak 3	4.08	4.07	4.10
PCB-1242 Peak 4	4.26	4.24	4.28
PCB-1242 Peak 5	4.57	4.55	4.59
PCB-1268 Peak 1	7.47	7.45	7.49
PCB-1268 Peak 2	7.50	7.48	7.52
PCB-1268 Peak 3	7.67	7.65	7.69
PCB-1268 Peak 4	7.98	7.96	8.00
PCB-1268 Peak 5	8.21	8.19	8.23

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1
 SDG No.: Waste Char
 Lab Sample ID: CCV 240-446046/6 Calibration Date: 08/07/2020 08:10
 Instrument ID: A2HP10 Calib Start Date: 07/08/2020 19:21
 GC Column: CLP-1 (0.53mm) ID: 0.53 (mm) Calib End Date: 07/08/2020 20:41
 Lab File ID: P10080706.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1248 Peak 1	Ave	0.0141	0.0135		0.478	0.500	-4.4	
PCB-1248 Peak 2	Ave	0.0365	0.0367		0.502	0.500	0.4	
PCB-1248 Peak 3	Ave	0.0372	0.0360		0.484	0.500	-3.2	
PCB-1248 Peak 4	Ave	0.0303	0.0283		0.467	0.500	-6.7	
PCB-1248 Peak 5	Ave	0.0191	0.0176		0.463	0.500	-7.5	

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1
 SDG No.: Waste Char
 Lab Sample ID: CCV 240-446046/6 Calibration Date: 08/07/2020 08:10
 Instrument ID: A2HP10 Calib Start Date: 07/08/2020 19:21
 GC Column: CLP-1 (0.53mm) ID: 0.53 (mm) Calib End Date: 07/08/2020 20:41
 Lab File ID: P10080706.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1248 Peak 1	3.42	3.40	3.44
PCB-1248 Peak 2	4.08	4.06	4.10
PCB-1248 Peak 3	4.76	4.75	4.78
PCB-1248 Peak 4	5.47	5.45	5.49
PCB-1248 Peak 5	5.87	5.85	5.89

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1
 SDG No.: Waste Char
 Lab Sample ID: CCV 240-446046/7 Calibration Date: 08/07/2020 08:26
 Instrument ID: A2HP10 Calib Start Date: 07/08/2020 20:57
 GC Column: CLP-1 (0.53mm) ID: 0.53 (mm) Calib End Date: 07/08/2020 22:17
 Lab File ID: P10080707.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1221 Peak 1	Ave	0.0103	0.0108		0.524	0.500	4.9	
PCB-1221 Peak 2	Ave	0.0069	0.0070		0.508	0.500	1.6	
PCB-1221 Peak 3	Ave	0.0247	0.0260		0.527	0.500	5.4	
PCB-1254 Peak 1	Ave	0.0300	0.0302		0.503	0.500	0.7	
PCB-1254 Peak 2	Ave	0.0431	0.0430		0.499	0.500	-0.2	
PCB-1254 Peak 3	Ave	0.0599	0.0609		0.509	0.500	1.7	
PCB-1254 Peak 4	Ave	0.0483	0.0512		0.529	0.500	5.8	
PCB-1254 Peak 5	Ave	0.0636	0.0646		0.508	0.500	1.6	

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1
 SDG No.: Waste Char
 Lab Sample ID: CCV 240-446046/7 Calibration Date: 08/07/2020 08:26
 Instrument ID: A2HP10 Calib Start Date: 07/08/2020 20:57
 GC Column: CLP-1 (0.53mm) ID: 0.53 (mm) Calib End Date: 07/08/2020 22:17
 Lab File ID: P10080707.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1221 Peak 1	2.60	2.58	2.62
PCB-1221 Peak 2	2.80	2.78	2.82
PCB-1221 Peak 3	2.86	2.84	2.87
PCB-1254 Peak 1	5.19	5.17	5.21
PCB-1254 Peak 2	5.48	5.46	5.50
PCB-1254 Peak 3	5.87	5.85	5.89
PCB-1254 Peak 4	6.14	6.12	6.16
PCB-1254 Peak 5	6.58	6.56	6.60

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1
 SDG No.: Waste Char
 Client Sample ID: _____ Lab Sample ID: MB 240-445719/6-A
 Matrix: Water Lab File ID: P10080712.D
 Analysis Method: 8082A Date Collected: _____
 Extraction Method: 3510C Date Extracted: 08/05/2020 09:46
 Sample wt/vol: 1000 (mL) Date Analyzed: 08/07/2020 09:46
 Con. Extract Vol.: 2 (mL) Dilution Factor: 1
 Injection Volume: 1 (uL) GC Column: CLP-1 (0.53mm) ID: 0.53 (mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 446046 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor-1016	0.056	U	0.10	0.056
11104-28-2	Aroclor-1221	0.057	U	0.10	0.057
11141-16-5	Aroclor-1232	0.074	U	0.10	0.074
53469-21-9	Aroclor-1242	0.076	U	0.10	0.076
12672-29-6	Aroclor-1248	0.050	U	0.10	0.050
11097-69-1	Aroclor-1254	0.040	U	0.10	0.040
11096-82-5	Aroclor-1260	0.046	U	0.10	0.046

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	63		22-120
2051-24-3	DCB Decachlorobiphenyl	78		10-120

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1
 SDG No.: Waste Char
 Client Sample ID: _____ Lab Sample ID: LCS 240-445719/7-A
 Matrix: Water Lab File ID: P10080713.D
 Analysis Method: 8082A Date Collected: _____
 Extraction Method: 3510C Date Extracted: 08/05/2020 09:46
 Sample wt/vol: 1000 (mL) Date Analyzed: 08/07/2020 10:02
 Con. Extract Vol.: 2 (mL) Dilution Factor: 1
 Injection Volume: 1 (uL) GC Column: CLP-1 (0.53mm) ID: 0.53 (mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 446046 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor-1016	1.83		0.10	0.056
11096-82-5	Aroclor-1260	1.74		0.10	0.046

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	71		22-120
2051-24-3	DCB Decachlorobiphenyl	78		10-120

PCBS ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Canton

Job No.: 240-134314-1

SDG No.: Waste Char

Instrument ID: A2HP10

Start Date: 07/08/2020 16:08

Analysis Batch Number: 441744

End Date: 07/09/2020 02:01

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
STD005 240-441744/4 IC		07/08/2020 16:08	1	P10070804.D	CLP-1 (0.53mm) 0.53 (mm)
STD005 240-441744/4 IC		07/08/2020 16:08	1	P10070804.D	CLP-2 (0.53mm) 0.53 (mm)
STD01 240-441744/5 IC		07/08/2020 16:24	1	P10070805.D	CLP-1 (0.53mm) 0.53 (mm)
STD01 240-441744/5 IC		07/08/2020 16:24	1	P10070805.D	CLP-2 (0.53mm) 0.53 (mm)
STD02 240-441744/6 IC		07/08/2020 16:40	1	P10070806.D	CLP-1 (0.53mm) 0.53 (mm)
STD02 240-441744/6 IC		07/08/2020 16:40	1	P10070806.D	CLP-2 (0.53mm) 0.53 (mm)
STD05 240-441744/7 IC		07/08/2020 16:56	1	P10070807.D	CLP-1 (0.53mm) 0.53 (mm)
STD05 240-441744/7 IC		07/08/2020 16:56	1	P10070807.D	CLP-2 (0.53mm) 0.53 (mm)
STD1 240-441744/8 IC		07/08/2020 17:13	1	P10070808.D	CLP-1 (0.53mm) 0.53 (mm)
STD1 240-441744/8 IC		07/08/2020 17:13	1	P10070808.D	CLP-2 (0.53mm) 0.53 (mm)
STD15 240-441744/9 IC		07/08/2020 17:29	1	P10070809.D	CLP-1 (0.53mm) 0.53 (mm)
STD15 240-441744/9 IC		07/08/2020 17:29	1	P10070809.D	CLP-2 (0.53mm) 0.53 (mm)
STD005 240-441744/10 IC		07/08/2020 17:45	1	P10070810.D	CLP-1 (0.53mm) 0.53 (mm)
STD005 240-441744/10 IC		07/08/2020 17:45	1	P10070810.D	CLP-2 (0.53mm) 0.53 (mm)
STD01 240-441744/11 IC		07/08/2020 18:01	1	P10070811.D	CLP-1 (0.53mm) 0.53 (mm)
STD01 240-441744/11 IC		07/08/2020 18:01	1	P10070811.D	CLP-2 (0.53mm) 0.53 (mm)
STD02 240-441744/12 IC		07/08/2020 18:17	1	P10070812.D	CLP-1 (0.53mm) 0.53 (mm)
STD02 240-441744/12 IC		07/08/2020 18:17	1	P10070812.D	CLP-2 (0.53mm) 0.53 (mm)
STD05 240-441744/13 IC		07/08/2020 18:33	1	P10070813.D	CLP-1 (0.53mm) 0.53 (mm)
STD05 240-441744/13 IC		07/08/2020 18:33	1	P10070813.D	CLP-2 (0.53mm) 0.53 (mm)
STD1 240-441744/14 IC		07/08/2020 18:49	1	P10070814.D	CLP-1 (0.53mm) 0.53 (mm)
STD1 240-441744/14 IC		07/08/2020 18:49	1	P10070814.D	CLP-2 (0.53mm) 0.53 (mm)
STD15 240-441744/15 IC		07/08/2020 19:05	1	P10070815.D	CLP-1 (0.53mm) 0.53 (mm)
STD15 240-441744/15 IC		07/08/2020 19:05	1	P10070815.D	CLP-2 (0.53mm) 0.53 (mm)
STD005 240-441744/16 IC		07/08/2020 19:21	1	P10070816.D	CLP-1 (0.53mm) 0.53 (mm)
STD005 240-441744/16 IC		07/08/2020 19:21	1	P10070816.D	CLP-2 (0.53mm) 0.53 (mm)
STD01 240-441744/17 IC		07/08/2020 19:37	1	P10070817.D	CLP-1 (0.53mm) 0.53 (mm)
STD01 240-441744/17 IC		07/08/2020 19:37	1	P10070817.D	CLP-2 (0.53mm) 0.53 (mm)
STD02 240-441744/18 IC		07/08/2020 19:53	1	P10070818.D	CLP-1 (0.53mm) 0.53 (mm)
STD02 240-441744/18 IC		07/08/2020 19:53	1	P10070818.D	CLP-2 (0.53mm) 0.53 (mm)
STD05 240-441744/19 IC		07/08/2020 20:09	1	P10070819.D	CLP-1 (0.53mm) 0.53 (mm)
STD05 240-441744/19 IC		07/08/2020 20:09	1	P10070819.D	CLP-2 (0.53mm) 0.53 (mm)

PCBS ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Canton

Job No.: 240-134314-1

SDG No.: Waste Char

Instrument ID: A2HP10

Start Date: 07/08/2020 16:08

Analysis Batch Number: 441744

End Date: 07/09/2020 02:01

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
STD1 240-441744/20 IC		07/08/2020 20:25	1	P10070820.D	CLP-1 (0.53mm) 0.53 (mm)
STD1 240-441744/20 IC		07/08/2020 20:25	1	P10070820.D	CLP-2 (0.53mm) 0.53 (mm)
STD15 240-441744/21 IC		07/08/2020 20:41	1	P10070821.D	CLP-1 (0.53mm) 0.53 (mm)
STD15 240-441744/21 IC		07/08/2020 20:41	1	P10070821.D	CLP-2 (0.53mm) 0.53 (mm)
STD005 240-441744/22 IC		07/08/2020 20:57	1	P10070822.D	CLP-1 (0.53mm) 0.53 (mm)
STD005 240-441744/22 IC		07/08/2020 20:57	1	P10070822.D	CLP-2 (0.53mm) 0.53 (mm)
STD01 240-441744/23 IC		07/08/2020 21:13	1	P10070823.D	CLP-1 (0.53mm) 0.53 (mm)
STD01 240-441744/23 IC		07/08/2020 21:13	1	P10070823.D	CLP-2 (0.53mm) 0.53 (mm)
STD02 240-441744/24 IC		07/08/2020 21:29	1	P10070824.D	CLP-1 (0.53mm) 0.53 (mm)
STD02 240-441744/24 IC		07/08/2020 21:29	1	P10070824.D	CLP-2 (0.53mm) 0.53 (mm)
STD05 240-441744/25 IC		07/08/2020 21:45	1	P10070825.D	CLP-1 (0.53mm) 0.53 (mm)
STD05 240-441744/25 IC		07/08/2020 21:45	1	P10070825.D	CLP-2 (0.53mm) 0.53 (mm)
STD1 240-441744/26 IC		07/08/2020 22:01	1	P10070826.D	CLP-1 (0.53mm) 0.53 (mm)
STD1 240-441744/26 IC		07/08/2020 22:01	1	P10070826.D	CLP-2 (0.53mm) 0.53 (mm)
STD15 240-441744/27 IC		07/08/2020 22:17	1	P10070827.D	CLP-1 (0.53mm) 0.53 (mm)
STD15 240-441744/27 IC		07/08/2020 22:17	1	P10070827.D	CLP-2 (0.53mm) 0.53 (mm)
STD005 240-441744/28 IC		07/08/2020 22:33	1	P10070828.D	CLP-1 (0.53mm) 0.53 (mm)
STD005 240-441744/28 IC		07/08/2020 22:33	1	P10070828.D	CLP-2 (0.53mm) 0.53 (mm)
STD01 240-441744/29 IC		07/08/2020 22:49	1	P10070829.D	CLP-1 (0.53mm) 0.53 (mm)
STD01 240-441744/29 IC		07/08/2020 22:49	1	P10070829.D	CLP-2 (0.53mm) 0.53 (mm)
STD02 240-441744/30 IC		07/08/2020 23:05	1	P10070830.D	CLP-1 (0.53mm) 0.53 (mm)
STD02 240-441744/30 IC		07/08/2020 23:05	1	P10070830.D	CLP-2 (0.53mm) 0.53 (mm)
STD05 240-441744/31 ICIS		07/08/2020 23:21	1	P10070831.D	CLP-1 (0.53mm) 0.53 (mm)
STD05 240-441744/31 ICIS		07/08/2020 23:21	1	P10070831.D	CLP-2 (0.53mm) 0.53 (mm)
STD1 240-441744/32 IC		07/08/2020 23:37	1	P10070832.D	CLP-1 (0.53mm) 0.53 (mm)
STD1 240-441744/32 IC		07/08/2020 23:37	1	P10070832.D	CLP-2 (0.53mm) 0.53 (mm)
STD15 240-441744/33 IC		07/08/2020 23:53	1	P10070833.D	CLP-1 (0.53mm) 0.53 (mm)
STD15 240-441744/33 IC		07/08/2020 23:53	1	P10070833.D	CLP-2 (0.53mm) 0.53 (mm)
ICV 240-441744/34		07/09/2020 00:09	1	P10070834.D	CLP-1 (0.53mm) 0.53 (mm)
ICV 240-441744/34		07/09/2020 00:09	1	P10070834.D	CLP-2 (0.53mm) 0.53 (mm)
ICV 240-441744/35		07/09/2020 00:25	1	P10070835.D	CLP-1 (0.53mm) 0.53 (mm)
ICV 240-441744/35		07/09/2020 00:25	1	P10070835.D	CLP-2 (0.53mm) 0.53 (mm)
ICV 240-441744/36		07/09/2020 00:41	1	P10070836.D	CLP-1 (0.53mm) 0.53 (mm)

PCBS ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1

SDG No.: Waste Char

Instrument ID: A2HP10 Start Date: 07/08/2020 16:08

Analysis Batch Number: 441744 End Date: 07/09/2020 02:01

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ICV 240-441744/36		07/09/2020 00:41	1	P10070836.D	CLP-2 (0.53mm) 0.53 (mm)
ICV 240-441744/37		07/09/2020 00:57	1	P10070837.D	CLP-1 (0.53mm) 0.53 (mm)
ICV 240-441744/37		07/09/2020 00:57	1	P10070837.D	CLP-2 (0.53mm) 0.53 (mm)
ICV 240-441744/38		07/09/2020 01:13	1	P10070838.D	CLP-1 (0.53mm) 0.53 (mm)
ICV 240-441744/38		07/09/2020 01:13	1	P10070838.D	CLP-2 (0.53mm) 0.53 (mm)
ICV 240-441744/39		07/09/2020 01:29	1	P10070839.D	CLP-1 (0.53mm) 0.53 (mm)
ICV 240-441744/39		07/09/2020 01:29	1	P10070839.D	CLP-2 (0.53mm) 0.53 (mm)
ICV 240-441744/40		07/09/2020 01:45	1	P10070840.D	CLP-1 (0.53mm) 0.53 (mm)
ICV 240-441744/40		07/09/2020 01:45	1	P10070840.D	CLP-2 (0.53mm) 0.53 (mm)
ICV 240-441744/41		07/09/2020 02:01	1	P10070841.D	CLP-1 (0.53mm) 0.53 (mm)
ICV 240-441744/41		07/09/2020 02:01	1	P10070841.D	CLP-2 (0.53mm) 0.53 (mm)

PCBS ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1

SDG No.: Waste Char

Instrument ID: A2HP10 Start Date: 08/07/2020 07:23

Analysis Batch Number: 446046 End Date: 08/07/2020 10:02

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 240-446046/3 CCVIS		08/07/2020 07:23	1	P10080703.D	CLP-1 (0.53mm) 0.53 (mm)
CCV 240-446046/3 CCVIS		08/07/2020 07:23	1		CLP-2 (0.53mm) 0.53 (mm)
CCV 240-446046/4		08/07/2020 07:38	1	P10080704.D	CLP-1 (0.53mm) 0.53 (mm)
CCV 240-446046/4		08/07/2020 07:38	1		CLP-2 (0.53mm) 0.53 (mm)
CCV 240-446046/5		08/07/2020 07:54	1	P10080705.D	CLP-1 (0.53mm) 0.53 (mm)
CCV 240-446046/5		08/07/2020 07:54	1		CLP-2 (0.53mm) 0.53 (mm)
CCV 240-446046/6		08/07/2020 08:10	1	P10080706.D	CLP-1 (0.53mm) 0.53 (mm)
CCV 240-446046/6		08/07/2020 08:10	1		CLP-2 (0.53mm) 0.53 (mm)
CCV 240-446046/7		08/07/2020 08:26	1	P10080707.D	CLP-1 (0.53mm) 0.53 (mm)
CCV 240-446046/7		08/07/2020 08:26	1		CLP-2 (0.53mm) 0.53 (mm)
ZZZZZ		08/07/2020 09:14	1		CLP-1 (0.53mm) 0.53 (mm)
ZZZZZ		08/07/2020 09:14	1		CLP-2 (0.53mm) 0.53 (mm)
240-134314-2		08/07/2020 09:30	1	P10080711.D	CLP-1 (0.53mm) 0.53 (mm)
240-134314-2		08/07/2020 09:30	1	P10080711.D	CLP-2 (0.53mm) 0.53 (mm)
MB 240-445719/6-A		08/07/2020 09:46	1	P10080712.D	CLP-1 (0.53mm) 0.53 (mm)
MB 240-445719/6-A		08/07/2020 09:46	1	P10080712.D	CLP-2 (0.53mm) 0.53 (mm)
LCS 240-445719/7-A		08/07/2020 10:02	1	P10080713.D	CLP-1 (0.53mm) 0.53 (mm)
LCS 240-445719/7-A		08/07/2020 10:02	1	P10080713.D	CLP-2 (0.53mm) 0.53 (mm)

PCBS BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1

SDG No.: Waste Char

Batch Number: 445719 Batch Start Date: 08/05/20 09:46 Batch Analyst: Howell, Matthew D

Batch Method: 3510C Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ReceivedpH	ex10PPMSPK 00052	ex2/.2SURRW 00144
240-134314-F-2	WC-GSPMNA-W-0731 20	3510C, 8082A	T	1040 mL	2 mL	7 SU		1 mL
MB 240-445719/6		3510C, 8082A		1000 mL	2 mL	7 SU		1 mL
LCS 240-445719/7		3510C, 8082A		1000 mL	2 mL	7 SU	0.25 mL	1 mL

Batch Notes	
Acid used for Clean Up ID	4857816
Analyst ID - Concentration	EBONE FORD JESSICA TRUSHEL
Exchange Solvent ID	4508926
Analyst ID - Extraction	MATTHEW HOWELL
Na2SO4 ID	3868495
pH Indicator ID	3734946 2794736
Pipette/Syringe/Dispenser ID	6 7
Prep Solvent ID	4855236
Analyst ID - Spike Analyst	MATTHEW HOWELL

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS

COVER PAGE
METALS

Lab Name: Eurofins TestAmerica, Canton

Job Number: 240-134314-1

SDG No.: Waste Char

Project: GSP MNA Groundwater 2020

Client Sample ID
WC-GSPMNA-W-073120

Lab Sample ID
240-134314-2

Comments:

1A-IN
 INORGANIC ANALYSIS DATA SHEET
 METALS - TCLP

Client Sample ID: WC-GSPMNA-W-073120

Lab Sample ID: 240-134314-2

Lab Name: Eurofins TestAmerica, Canton

Job No.: 240-134314-1

SDG ID.: Waste Char

Matrix: Water

Date Sampled: 07/31/2020 08:00

Reporting Basis: WET

Date Received: 08/01/2020 09:50

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-38-2	Arsenic	0.0041	0.050	0.0041	mg/L	U		1	6010C
7440-39-3	Barium	0.023	0.50	0.0013	mg/L	J	B	1	6010C
7440-43-9	Cadmium	0.00041	0.050	0.00020	mg/L	J	B	1	6010C
7440-47-3	Chromium	0.11	0.050	0.00063	mg/L		B	1	6010C
7439-92-1	Lead	0.0028	0.050	0.0028	mg/L	U		1	6010C
7782-49-2	Selenium	0.0060	0.050	0.0060	mg/L	U		1	6010C
7440-22-4	Silver	0.00062	0.050	0.00062	mg/L	U		1	6010C
7439-97-6	Mercury	0.00013	0.0020	0.00013	mg/L	U		1	7470A

2A-IN
 CALIBRATION VERIFICATIONS
 METALS

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1

SDG No.: Waste Char

ICV Source: ICPICV_00022 Concentration Units: ug/L

CCV Source: ICPCCV_00033

Analyte	ICV 240-445743/4 08/05/2020 08:33				CCV 240-445743/34 08/05/2020 10:43				CCV 240-445743/44 08/05/2020 11:26			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Arsenic	2000		2000	100	1990		2000	100	1990		2000	100
Barium	1950		2000	97	1920		2000	96	1910		2000	96
Cadmium	1990		2000	99	1930		2000	96	1920		2000	96
Chromium	1960		2000	98	1920		2000	96	1930		2000	97
Lead	1910		2000	95	1920		2000	96	1920		2000	96
Selenium	1980		2000	99	1960		2000	98	1950		2000	97
Silver	973		1000	97	995		1000	100	998		1000	100

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
 Italicized analytes were not requested for this sequence.

2A-IN
 CALIBRATION VERIFICATIONS
 METALS

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1

SDG No.: Waste Char

ICV Source: ICPICV_00022 Concentration Units: ug/L

CCV Source: ICPCCV_00033

Analyte	CCV 240-445743/56 08/05/2020 12:17				CCV 240-445743/68 08/05/2020 13:08							
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Arsenic	1960		2000	98	2010		2000	100				
Barium	1920		2000	96	1930		2000	97				
Cadmium	1910		2000	95	1920		2000	96				
Chromium	1890		2000	95	1920		2000	96				
Lead	1900		2000	95	1920		2000	96				
Selenium	1930		2000	96	1970		2000	98				
Silver	980		1000	98	990		1000	99				

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
 Italicized analytes were not requested for this sequence.

2A-IN
 CALIBRATION VERIFICATIONS
 METALS

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1

SDG No.: Waste Char

ICV Source: MTTRCRIC_00086 Concentration Units: ug/L

CCV Source: MTTRCRIC_00086

Analyte	ICVL 240-445743/6 08/05/2020 08:41				CCVL 240-445743/94 08/05/2020 14:58							
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Arsenic	13.2		15.0	88	13.2		15.0	88				
Barium	187	J	200	93	186	J	200	93				
Cadmium	4.99		5.00	100	5.04		5.00	101				
Chromium	9.73		10.0	97	9.75		10.0	97				
Lead	10.6		10.0	106	10.4		10.0	104				
Selenium	18.1		20.0	91	17.1		20.0	85				
Silver	9.68		10.0	97	10.1		10.0	101				

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
 Italicized analytes were not requested for this sequence.

2A-IN
 CALIBRATION VERIFICATIONS
 METALS

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1

SDG No.: Waste Char

ICV Source: MTHgICV_00001_00698 Concentration Units: ug/L

CCV Source: MTHGCALW_02453

Analyte	ICV 240-445549/7-A 08/05/2020 11:26				CCV 240-445549/10-A 08/05/2020 11:33				CCV 240-445549/10-A 08/05/2020 12:00			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	5.05		5.00	101	5.06		5.00	101	5.11		5.00	102

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
 Italicized analytes were not requested for this sequence.

2A-IN
 CALIBRATION VERIFICATIONS
 METALS

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1

SDG No.: Waste Char

ICV Source: MTHgICV_00001_00698 Concentration Units: ug/L

CCV Source: MTHGCALW_02453

Analyte	CCV 240-445549/10-A 08/05/2020 12:28				CCV 240-445549/10-A 08/05/2020 12:54							
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	5.24		5.00	105	4.96		5.00	99				

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
 Italicized analytes were not requested for this sequence.

2B-IN
CRQL CHECK STANDARD
METALS

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1
 SDG No.: Waste Char
 Method: 7470A Instrument ID: H2
 Lab Sample ID: CRA 240-445549/9-A Concentration Units: ug/L
 CRQL Check Standard Source: MTHGCALW_02453

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Mercury	0.200	0.166	J	83	50-150

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: Eurofins TestAmerica, Canton

Job No.: 240-134314-1

SDG No.: Waste Char

Concentration Units: ug/L

Analyte	RL	ICB 240-445743/5 08/05/2020 08:36		CCB 240-445743/35 08/05/2020 10:47		CCB 240-445743/45 08/05/2020 11:30		CCB 240-445743/57 08/05/2020 12:21	
		Found	C	Found	C	Found	C	Found	C
Arsenic	10	4.1	U	4.1	U	4.1	U	4.1	U
Barium	200	1.3	U	1.3	U	1.3	U	1.3	U
Cadmium	2.0	0.20	U	0.20	U	0.20	U	0.20	U
Chromium	5.0	0.63	U	0.63	U	0.63	U	0.63	U
Lead	5.0	2.8	U	2.8	U	2.8	U	2.8	U
Selenium	15	6.0	U	6.0	U	6.0	U	6.0	U
Silver	5.0	0.62	U	0.62	U	0.62	U	0.62	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1

SDG No.: Waste Char

Concentration Units: ug/L

Analyte	RL	CCB 240-445743/69 08/05/2020 13:12							
		Found	C	Found	C	Found	C	Found	C
Arsenic	10	4.1	U						
Barium	200	1.3	U						
Cadmium	2.0	0.20	U						
Chromium	5.0	0.63	U						
Lead	5.0	2.8	U						
Selenium	15	6.0	U						
Silver	5.0	0.62	U						

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1

SDG No.: Waste Char

Concentration Units: ug/L

Analyte	RL	ICB 240-445549/8-A 08/05/2020 11:28		CCB 240-445549/11-A 08/05/2020 11:35		CCB 240-445549/11-A 08/05/2020 12:02		CCB 240-445549/11-A 08/05/2020 12:30	
		Found	C	Found	C	Found	C	Found	C
Mercury	2.0	0.13	U	0.13	U	0.13	U	0.13	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1

SDG No.: Waste Char

Concentration Units: ug/L

Analyte	RL	CCB 240-445549/11-A 08/05/2020 12:57		Found	C	Found	C	Found	C
		Found	C						
Mercury	2.0	0.13	U						

Italicized analytes were not requested for this sequence.

3-IN
METHOD BLANK
METALS

Lab Name: Eurofins TestAmerica, Canton

Job No.: 240-134314-1

SDG No.: Waste Char

Concentration Units: mg/L

Lab Sample ID: MB 240-445559/2-A

Instrument Code: I12

Batch No.: 445743

CAS No.	Analyte	Concentration	C	Q	Method
7440-38-2	Arsenic	0.0041	U		6010C
7440-39-3	Barium	0.0013	U		6010C
7440-43-9	Cadmium	0.000281	J		6010C
7440-47-3	Chromium	0.00063	U		6010C
7439-92-1	Lead	0.0028	U		6010C
7782-49-2	Selenium	0.0060	U		6010C
7440-22-4	Silver	0.00062	U		6010C

3-IN
METHOD BLANK
METALS - TCLP

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1
SDG No.: Waste Char
Concentration Units: mg/L Lab Sample ID: LB 240-445400/1-B
Instrument Code: I12 Batch No.: 445743

CAS No.	Analyte	Concentration	C	Q	Method
7440-38-2	Arsenic	0.0041	U		6010C
7440-39-3	Barium	0.0226	J		6010C
7440-43-9	Cadmium	0.000229	J		6010C
7440-47-3	Chromium	0.00262	J		6010C
7439-92-1	Lead	0.0028	U		6010C
7782-49-2	Selenium	0.0060	U		6010C
7440-22-4	Silver	0.00062	U		6010C

3-IN
METHOD BLANK
METALS

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1
SDG No.: Waste Char
Concentration Units: mg/L Lab Sample ID: MB 240-445561/2-A
Instrument Code: H2 Batch No.: 445785

CAS No.	Analyte	Concentration	C	Q	Method
7439-97-6	Mercury	0.00013	U		7470A

3-IN
METHOD BLANK
METALS - TCLP

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1
SDG No.: Waste Char
Concentration Units: mg/L Lab Sample ID: LB 240-445400/1-C
Instrument Code: H2 Batch No.: 445785

CAS No.	Analyte	Concentration	C	Q	Method
7439-97-6	Mercury	0.00013	U		7470A

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: Eurofins TestAmerica, Canton

Job No.: 240-134314-1

SDG No.: Waste Char

Lab Sample ID: ICSA 240-445743/8

Instrument ID: I12

Lab File ID: I12080520A.asc

ICS Source: MTRICSAW_00052

Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Arsenic		-2.01	
Barium		6.79	
Cadmium		1.49	
Chromium		2.10	
Lead		4.40	
Selenium		-6.87	
Silver		-2.08	
<i>Aluminum</i>	<i>500000</i>	<i>484770</i>	<i>97</i>
<i>Antimony</i>		<i>-2.06</i>	
<i>Beryllium</i>		<i>0.0450</i>	
<i>Boron</i>		<i>10.5</i>	
<i>Calcium</i>	<i>500000</i>	<i>471440</i>	<i>94</i>
<i>Cobalt</i>		<i>-3.84</i>	
<i>Copper</i>		<i>1.86</i>	
<i>Iron</i>	<i>200000</i>	<i>185780</i>	<i>93</i>
<i>Lithium</i>		<i>-0.209</i>	
<i>Magnesium</i>	<i>500000</i>	<i>477310</i>	<i>95</i>
<i>Manganese</i>		<i>2.30</i>	
<i>Molybdenum</i>		<i>0.609</i>	
<i>Nickel</i>		<i>3.30</i>	
<i>Potassium</i>		<i>-16.6</i>	
<i>Silicon</i>		<i>10.2</i>	
<i>Sodium</i>		<i>87.2</i>	
<i>Strontium</i>		<i>15.1</i>	
<i>Thallium</i>		<i>2.07</i>	
<i>Tin</i>		<i>-0.103</i>	
<i>Titanium</i>		<i>-1.00</i>	
<i>Vanadium</i>		<i>2.35</i>	
<i>Zinc</i>		<i>-3.41</i>	

Calculations are performed before rounding to avoid round-off errors in calculated results.

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: Eurofins TestAmerica, Canton

Job No.: 240-134314-1

SDG No.: Waste Char

Lab Sample ID: ICSAB 240-445743/9

Instrument ID: I12

Lab File ID: I12080520A.asc

ICS Source: ICPICSAB_00004

Concentration Units: ug/L

Analyte	True	Found	Percent Recovery
	Solution AB	Solution AB	
Arsenic	1000	1047	105
Barium	1000	998	100
Cadmium	1000	1026	103
Chromium	1000	992	99
Lead	1000	908	91
Selenium	1000	1016	102
Silver	1000	1082	108
<i>Aluminum</i>	<i>500000</i>	<i>495210</i>	<i>99</i>
<i>Antimony</i>	<i>1000</i>	<i>929</i>	<i>93</i>
<i>Beryllium</i>	<i>500</i>	<i>493</i>	<i>99</i>
<i>Boron</i>	<i>10000</i>	<i>10795</i>	<i>108</i>
<i>Calcium</i>	<i>500000</i>	<i>479270</i>	<i>96</i>
<i>Cobalt</i>	<i>1000</i>	<i>1017</i>	<i>102</i>
<i>Copper</i>	<i>1000</i>	<i>1040</i>	<i>104</i>
<i>Iron</i>	<i>200000</i>	<i>189740</i>	<i>95</i>
<i>Lithium</i>	<i>500</i>	<i>531</i>	<i>106</i>
<i>Magnesium</i>	<i>500000</i>	<i>487280</i>	<i>97</i>
<i>Manganese</i>	<i>1000</i>	<i>1003</i>	<i>100</i>
<i>Molybdenum</i>	<i>1000</i>	<i>986</i>	<i>99</i>
<i>Nickel</i>	<i>1000</i>	<i>1027</i>	<i>103</i>
<i>Potassium</i>	<i>10000</i>	<i>10602</i>	<i>106</i>
<i>Silicon</i>	<i>10000</i>	<i>10065</i>	<i>101</i>
<i>Sodium</i>	<i>10000</i>	<i>10800</i>	<i>108</i>
<i>Strontium</i>	<i>1000</i>	<i>1008</i>	<i>101</i>
<i>Thallium</i>	<i>1000</i>	<i>967</i>	<i>97</i>
<i>Tin</i>	<i>1000</i>	<i>1043</i>	<i>104</i>
<i>Titanium</i>	<i>1000</i>	<i>1047</i>	<i>105</i>
<i>Vanadium</i>	<i>1000</i>	<i>1009</i>	<i>101</i>
<i>Zinc</i>	<i>1000</i>	<i>1048</i>	<i>105</i>

Calculations are performed before rounding to avoid round-off errors in calculated results.

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 240-445559/3-A

Lab Name: Eurofins TestAmerica, Canton

Job No.: 240-134314-1

Sample Matrix: Water

LCS Source: SPIKE1_00008

Analyte	Water (mg/L)							
	True	Found	C	%R	Limits		Q	Method
Arsenic	2.00	2.18		109	50	150		6010C
Barium	2.00	1.95		97	50	150		6010C
Cadmium	1.00	1.01		101	50	150		6010C
Chromium	1.00	0.973		97	50	150		6010C
Lead	1.00	0.930		93	50	150		6010C
Selenium	2.00	2.17		108	50	150		6010C
Silver	0.100	0.106		106	50	150		6010C

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 240-445561/3-A

Lab Name: Eurofins TestAmerica, Canton

Job No.: 240-134314-1

Sample Matrix: Water

LCS Source: MTHGCALW_02453

Analyte	Water (mg/L)						
	True	Found	C	%R	Limits	Q	Method
Mercury	0.00500	0.00525		105	80	120	7470A

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

9-IN
DETECTION LIMITS
METALS - TCLP

Lab Name: Eurofins TestAmerica, Canton

Job Number: 240-134314-1

SDG Number: Waste Char

Matrix: Water

Instrument ID: I12

Method: 6010C

MDL Date: 06/21/2019 09:04

Prep Method: 3010A

Leach Method: 1311

Analyte	Wavelength/ Mass	RL (mg/L)	MDL (mg/L)
Arsenic	189.042	0.05	0.004051
Barium	493.409	0.5	0.001328
Cadmium	226.502	0.05	0.000203
Chromium	267.716	0.05	0.000625
Lead	220.353	0.05	0.002765
Selenium	196.026	0.05	0.00596
Silver	328.068	0.05	0.000623

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS - TCLP

Lab Name: Eurofins TestAmerica, Canton

Job Number: 240-134314-1

SDG Number: Waste Char

Matrix: Water

Instrument ID: I12

Method: 6010C

XMDL Date: 06/21/2019 08:55

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (mg/L)
Arsenic	189.042	10	0.004051
Barium	493.409	200	0.001328
Cadmium	226.502	2	0.000203
Chromium	267.716	5	0.000625
Lead	220.353	5	0.002765
Selenium	196.026	15	0.00596
Silver	328.068	5	0.000623

9-IN
DETECTION LIMITS
METALS - TCLP

Lab Name: Eurofins TestAmerica, Canton

Job Number: 240-134314-1

SDG Number: Waste Char

Matrix: Water

Instrument ID: H2

Method: 7470A

MDL Date: 02/22/2017 15:32

Prep Method: 7470A

Leach Method: 1311

Analyte	Wavelength/ Mass	RL (mg/L)	MDL (mg/L)
Mercury	253.7	0.002	0.00013

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS - TCLP

Lab Name: Eurofins TestAmerica, Canton Job Number: 240-134314-1
SDG Number: Waste Char
Matrix: Water Instrument ID: H2
Method: 7470A XMDL Date: 02/22/2017 15:32

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (mg/L)
Mercury	253.7	2	0.00013

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: Eurofins TestAmerica, Canton Job Number: 240-134314-1

SDG No.: Waste Char

ICP-AES Instrument ID: I12 Date: 06/03/2020

Analyte	Wave Length	Al	As	Ca	Co	Cr	Cu	Fe	Mn	Mo	Ni	Si	Ti	V
Aluminum										0.027342				0.013726
Antimony		-0.000073			-0.000663			-0.000065						0.003776
Arsenic		0.000022			-0.000395	0.00931			-0.000625	0.001108				
Beryllium														0.000608
Cadmium			0.008754					-0.000002						
Chromium									0.000415					
Cobalt													0.002089	
Copper				0.000018	0.000600			-0.000035					-0.002322	
Lead		-0.000147					0.00619	0.000021			0.000131	0.000025		
Lithium				0.000011										
Nickel					0.000518			0.000059						
Selenium		-0.000021							0.000613					
Thallium		-0.000001			0.005964			-0.00004	0.000941					0.002131
Vanadium								0.000059						
Zinc							-0.001092							

11-IN
LINEAR RANGES
METALS

Lab Name: Eurofins TestAmerica, Canton

Job No: 240-134314-1

SDG No.: Waste Char

Instrument ID: I12

Date: 06/04/2020 10:17

Analyte	Integ. Time (Sec.)	Concentration (ug/L)	Method
Arsenic		5000	6010C
Barium		25000	6010C
Cadmium		4000	6010C
Chromium		20000	6010C
Lead		30000	6010C
Selenium		10000	6010C
Silver		2000	6010C

11-IN
LINEAR RANGES
METALS

Lab Name: Eurofins TestAmerica, Canton

Job No: 240-134314-1

SDG No.: Waste Char

Instrument ID: H2

Date: 05/15/2016 09:06

Analyte	Integ. Time (Sec.)	Concentration (ppb)	Method
Mercury		10	7470A

12-IN
PREPARATION LOG
METALS

Lab Name: Eurofins TestAmerica, Canton

Job No.: 240-134314-1

SDG No.: Waste Char

Prep Method: 3010A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
LB 240-445400/1-B	08/04/2020 14:00	445559		50	50
MB 240-445559/2-A	08/04/2020 14:00	445559		50	50
LCS 240-445559/3-A	08/04/2020 14:00	445559		50	50
240-134314-2	08/04/2020 14:00	445559		50	50

12-IN
PREPARATION LOG
METALS

Lab Name: Eurofins TestAmerica, Canton

Job No.: 240-134314-1

SDG No.: Waste Char

Prep Method: 7470A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
LB 240-445400/1-C	08/04/2020 14:00	445561		50	50
MB 240-445561/2-A	08/04/2020 14:00	445561		50	50
LCS 240-445561/3-A	08/04/2020 14:00	445561		50	50
240-134314-2	08/04/2020 14:00	445561		50	50

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins TestAmerica, Canton

Job No.: 240-134314-1

SDG No.: Waste Char

Instrument ID: I12

Analysis Method: 6010C

Start Date: 08/05/2020 08:20

End Date: 08/06/2020 05:54

Lab Sample Id	D/F	Type	Time	Analytes																											
				A	A	B	C	C	P	S																					
ICIS 240-445743/1	1		08:20	X	X	X	X	X	X	X																					
CALSTD 240-445743/2 IC			08:24	X	X	X	X	X	X	X																					
CALSTD 240-445743/3 IC			08:28	X	X	X	X	X	X	X																					
ICV 240-445743/4	1		08:33	X	X	X	X	X	X	X																					
ICB 240-445743/5	1		08:36	X	X	X	X	X	X	X																					
ICVL 240-445743/6	1		08:41	X	X	X	X	X	X	X																					
ZZZZZZ			08:45																												
ICSA 240-445743/8	1		08:49	X	X	X	X	X	X	X																					
ICSAB 240-445743/9	1		08:53	X	X	X	X	X	X	X																					
CCV 240-445743/10			08:57																												
CCB 240-445743/11			09:01																												
ZZZZZZ			09:06																												
ZZZZZZ			09:10																												
ZZZZZZ			09:14																												
ZZZZZZ			09:19																												
ZZZZZZ			09:23																												
ZZZZZZ			09:27																												
CCV 240-445743/18			09:31																												
CCB 240-445743/19			09:35																												
ZZZZZZ			09:42																												
ZZZZZZ			09:46																												
ZZZZZZ			09:50																												
ZZZZZZ			09:54																												
ZZZZZZ			09:58																												
ZZZZZZ			10:02																												
ZZZZZZ			10:06																												
ZZZZZZ			10:11																												
ZZZZZZ			10:15																												
ZZZZZZ			10:19																												
CCV 240-445743/30			10:24																												
CCB 240-445743/31			10:27																												
ZZZZZZ			10:32																												
CCVL 240-445743/33			10:37																												
CCV 240-445743/34	1		10:43	X	X	X	X	X	X	X																					
CCB 240-445743/35	1		10:47	X	X	X	X	X	X	X																					
LB 240-445400/1-B	1	P	10:51	X	X	X	X	X	X	X																					
MB 240-445559/2-A	1	T	10:56	X	X	X	X	X	X	X																					
LCS 240-445559/3-A	1	T	11:00	X	X	X	X	X	X	X																					
ZZZZZZ			11:04																												
ZZZZZZ			11:09																												
ZZZZZZ			11:13																												
ZZZZZZ			11:17																												

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins TestAmerica, Canton

Job No.: 240-134314-1

SDG No.: Waste Char

Instrument ID: I12

Analysis Method: 6010C

Start Date: 08/05/2020 08:20

End Date: 08/06/2020 05:54

Lab Sample Id	D/F	Type	Time	Analytes																											
				A g	A s	B a	C d	C r	P b	S e																					
ZZZZZZ			11:22																												
CCV 240-445743/44	1		11:26	X	X	X	X	X	X	X																					
CCB 240-445743/45	1		11:30	X	X	X	X	X	X	X																					
ZZZZZZ			11:34																												
ZZZZZZ			11:38																												
ZZZZZZ			11:43																												
ZZZZZZ			11:47																												
ZZZZZZ			11:51																												
ZZZZZZ			11:56																												
ZZZZZZ			12:00																												
ZZZZZZ			12:04																												
ZZZZZZ			12:09																												
ZZZZZZ			12:13																												
CCV 240-445743/56	1		12:17	X	X	X	X	X	X	X																					
CCB 240-445743/57	1		12:21	X	X	X	X	X	X	X																					
ZZZZZZ			12:25																												
240-134314-2	1	P	12:30	X	X	X	X	X	X	X																					
ZZZZZZ			12:34																												
ZZZZZZ			12:38																												
ZZZZZZ			12:43																												
ZZZZZZ			12:47																												
ZZZZZZ			12:51																												
ZZZZZZ			12:55																												
ZZZZZZ			13:00																												
ZZZZZZ			13:04																												
CCV 240-445743/68	1		13:08	X	X	X	X	X	X	X																					
CCB 240-445743/69	1		13:12	X	X	X	X	X	X	X																					
ZZZZZZ			13:16																												
ZZZZZZ			13:20																												
ZZZZZZ			13:24																												
ZZZZZZ			13:29																												
ZZZZZZ			13:33																												
ZZZZZZ			13:37																												
ZZZZZZ			13:41																												
ZZZZZZ			13:46																												
ZZZZZZ			13:50																												
ZZZZZZ			13:54																												
CCV 240-445743/80			13:59																												
CCB 240-445743/81			14:02																												
ZZZZZZ			14:07																												
ZZZZZZ			14:11																												
ZZZZZZ			14:15																												

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins TestAmerica, Canton

Job No.: 240-134314-1

SDG No.: Waste Char

Instrument ID: I12

Analysis Method: 6010C

Start Date: 08/05/2020 08:20

End Date: 08/06/2020 05:54

Lab Sample Id	D/F	Type	Time	Analytes																											
				A g	A s	B a	C d	C r	P b	S e																					
ZZZZZZ			14:19																												
ZZZZZZ			14:24																												
ZZZZZZ			14:28																												
ZZZZZZ			14:32																												
ZZZZZZ			14:37																												
ZZZZZZ			14:41																												
ZZZZZZ			14:45																												
CCV 240-445743/92			14:50																												
CCB 240-445743/93			14:54																												
CCVL 240-445743/94	1		14:58	X	X	X	X	X	X	X	X																				
ZZZZZZ			15:02																												
ZZZZZZ			15:06																												
ZZZZZZ			15:10																												
ZZZZZZ			15:15																												
ZZZZZZ			15:19																												
ZZZZZZ			15:23																												
ZZZZZZ			15:27																												
ZZZZZZ			15:31																												
ZZZZZZ			15:35																												
CCV 240-445743/104			15:39																												
CCB 240-445743/105			15:43																												
ZZZZZZ			15:48																												
ZZZZZZ			15:52																												
ZZZZZZ			15:56																												
ZZZZZZ			16:00																												
ZZZZZZ			16:04																												
ZZZZZZ			16:09																												
ZZZZZZ			16:13																												
ZZZZZZ			16:18																												
ZZZZZZ			16:22																												
ZZZZZZ			16:26																												
CCV 240-445743/116			16:31																												
CCB 240-445743/117			16:35																												
ZZZZZZ			16:39																												
ZZZZZZ			16:44																												
ZZZZZZ			16:48																												
ZZZZZZ			16:53																												
ZZZZZZ			16:57																												
ZZZZZZ			17:01																												
ZZZZZZ			17:05																												
ZZZZZZ			17:10																												
ZZZZZZ			17:14																												

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins TestAmerica, Canton

Job No.: 240-134314-1

SDG No.: Waste Char

Instrument ID: I12

Analysis Method: 6010C

Start Date: 08/05/2020 08:20

End Date: 08/06/2020 05:54

Lab Sample Id	D/F	Type	Time	Analytes																											
				A	A	B	C	C	P	S																					
ZZZZZZ			17:19																												
CCV 240-445743/128			17:23																												
CCB 240-445743/129			17:27																												
ZZZZZZ			17:31																												
ZZZZZZ			17:35																												
ZZZZZZ			17:40																												
ZZZZZZ			17:44																												
ZZZZZZ			17:48																												
ZZZZZZ			17:52																												
ZZZZZZ			17:56																												
ZZZZZZ			18:00																												
ZZZZZZ			18:04																												
ZZZZZZ			18:08																												
CCV 240-445743/140			18:13																												
CCB 240-445743/141			18:17																												
ZZZZZZ			18:21																												
ZZZZZZ			18:25																												
ZZZZZZ			18:29																												
ZZZZZZ			18:34																												
ZZZZZZ			18:38																												
ZZZZZZ			18:42																												
ZZZZZZ			18:46																												
ZZZZZZ			18:50																												
ZZZZZZ			18:54																												
ZZZZZZ			18:58																												
CCV 240-445743/152			19:03																												
CCB 240-445743/153			19:07																												
ZZZZZZ			19:11																												
ZZZZZZ			19:15																												
ZZZZZZ			19:19																												
ZZZZZZ			19:23																												
ZZZZZZ			19:28																												
ZZZZZZ			19:32																												
ZZZZZZ			19:36																												
ZZZZZZ			19:41																												
ZZZZZZ			19:45																												
ZZZZZZ			19:49																												
CCV 240-445743/164			19:53																												
CCB 240-445743/165			19:57																												
ZZZZZZ			20:01																												
ZZZZZZ			20:05																												
ZZZZZZ			20:10																												

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins TestAmerica, Canton

Job No.: 240-134314-1

SDG No.: Waste Char

Instrument ID: I12

Analysis Method: 6010C

Start Date: 08/05/2020 08:20

End Date: 08/06/2020 05:54

Lab Sample Id	D/F	Type	Time	Analytes																											
				A g	A s	B a	C d	C r	P b	S e																					
ZZZZZZ			20:14																												
ZZZZZZ			20:18																												
ZZZZZZ			20:22																												
ZZZZZZ			20:26																												
ZZZZZZ			20:31																												
ZZZZZZ			20:35																												
ZZZZZZ			20:39																												
CCV 240-445743/176			20:43																												
CCB 240-445743/177			20:47																												
ZZZZZZ			20:51																												
ZZZZZZ			20:56																												
ZZZZZZ			21:00																												
ZZZZZZ			21:04																												
ZZZZZZ			21:08																												
ZZZZZZ			21:13																												
ZZZZZZ			21:17																												
ZZZZZZ			21:21																												
ZZZZZZ			21:26																												
ZZZZZZ			21:30																												
CCV 240-445743/188			21:34																												
CCB 240-445743/189			21:38																												
ZZZZZZ			21:42																												
ZZZZZZ			21:47																												
ZZZZZZ			21:51																												
ZZZZZZ			21:55																												
ZZZZZZ			21:59																												
ZZZZZZ			22:03																												
ZZZZZZ			22:07																												
ZZZZZZ			22:11																												
ZZZZZZ			22:16																												
ZZZZZZ			22:20																												
CCV 240-445743/200			22:24																												
CCB 240-445743/201			22:28																												
ZZZZZZ			22:32																												
ZZZZZZ			22:37																												
ZZZZZZ			22:41																												
ZZZZZZ			22:45																												
ZZZZZZ			22:49																												
ZZZZZZ			22:53																												
ZZZZZZ			22:57																												
ZZZZZZ			23:01																												
ZZZZZZ			23:06																												

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins TestAmerica, Canton

Job No.: 240-134314-1

SDG No.: Waste Char

Instrument ID: I12

Analysis Method: 6010C

Start Date: 08/05/2020 08:20

End Date: 08/06/2020 05:54

Lab Sample Id	D/F	Type	Time	Analytes																											
				A	A	B	C	C	P	S																					
ZZZZZZ			23:10																												
CCV 240-445743/212			23:15																												
CCB 240-445743/213			23:18																												
ZZZZZZ			23:23																												
ZZZZZZ			23:27																												
ZZZZZZ			23:31																												
ZZZZZZ			23:35																												
ZZZZZZ			23:40																												
ZZZZZZ			23:44																												
ZZZZZZ			23:48																												
ZZZZZZ			23:53																												
ZZZZZZ			23:57																												
CCVL 240-445743/223			00:01																												
CCV 240-445743/224			00:05																												
CCB 240-445743/225			00:09																												
ZZZZZZ			00:13																												
ZZZZZZ			00:18																												
ZZZZZZ			00:22																												
ZZZZZZ			00:27																												
ZZZZZZ			00:31																												
ZZZZZZ			00:35																												
ZZZZZZ			00:40																												
ZZZZZZ			00:44																												
ZZZZZZ			00:49																												
ZZZZZZ			00:53																												
CCV 240-445743/236			00:57																												
CCB 240-445743/237			01:01																												
ZZZZZZ			01:06																												
ZZZZZZ			01:10																												
ZZZZZZ			01:14																												
ZZZZZZ			01:18																												
ZZZZZZ			01:23																												
ZZZZZZ			01:27																												
ZZZZZZ			01:31																												
ZZZZZZ			01:35																												
ZZZZZZ			01:39																												
ZZZZZZ			01:43																												
CCV 240-445743/248			01:47																												
CCB 240-445743/249			01:51																												
ZZZZZZ			01:55																												
ZZZZZZ			02:00																												
ZZZZZZ			02:04																												

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins TestAmerica, Canton

Job No.: 240-134314-1

SDG No.: Waste Char

Instrument ID: I12

Analysis Method: 6010C

Start Date: 08/05/2020 08:20

End Date: 08/06/2020 05:54

Lab Sample Id	D/F	Type	Time	Analytes																											
				A g	A s	B a	C d	C r	P b	S e																					
ZZZZZZ			02:08																												
ZZZZZZ			02:13																												
ZZZZZZ			02:17																												
ZZZZZZ			02:21																												
ZZZZZZ			02:25																												
ZZZZZZ			02:30																												
ZZZZZZ			02:34																												
CCV 240-445743/260			02:38																												
CCB 240-445743/261			02:42																												
ZZZZZZ			02:47																												
ZZZZZZ			02:51																												
ZZZZZZ			02:55																												
ZZZZZZ			02:59																												
ZZZZZZ			03:04																												
ZZZZZZ			03:08																												
ZZZZZZ			03:12																												
ZZZZZZ			03:16																												
ZZZZZZ			03:20																												
ZZZZZZ			03:25																												
CCV 240-445743/272			03:29																												
CCB 240-445743/273			03:33																												
ZZZZZZ			03:37																												
ZZZZZZ			03:41																												
ZZZZZZ			03:45																												
ZZZZZZ			03:49																												
ZZZZZZ			03:53																												
ZZZZZZ			03:57																												
ZZZZZZ			04:02																												
ZZZZZZ			04:06																												
ZZZZZZ			04:10																												
ZZZZZZ			04:14																												
CCV 240-445743/284			04:18																												
CCB 240-445743/285			04:22																												
ZZZZZZ			04:27																												
ZZZZZZ			04:31																												
ZZZZZZ			04:35																												
ZZZZZZ			04:39																												
ZZZZZZ			04:44																												
ZZZZZZ			04:48																												
ZZZZZZ			04:52																												
ZZZZZZ			04:56																												
ZZZZZZ			05:00																												

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1

SDG No.: Waste Char

Instrument ID: I12 Analysis Method: 6010C

Start Date: 08/05/2020 08:20 End Date: 08/06/2020 05:54

Lab Sample Id	D/F	Type	Time	Analytes																											
				A g	A s	B a	C d	C r	P b	S e																					
ZZZZZZ			05:05																												
CCV 240-445743/296			05:09																												
CCB 240-445743/297			05:13																												
ZZZZZZ			05:17																												
ZZZZZZ			05:21																												
ZZZZZZ			05:25																												
ZZZZZZ			05:30																												
ZZZZZZ			05:34																												
CCV 240-445743/303			05:38																												
CCB 240-445743/304			05:42																												
CCVL 240-445743/305			05:46																												
CCV 240-445743/306			05:50																												
CCB 240-445743/307			05:54																												

Prep Types: _____
P = TCLP
T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins TestAmerica, Canton

Job No.: 240-134314-1

SDG No.: Waste Char

Instrument ID: H2

Analysis Method: 7470A

Start Date: 08/05/2020 11:11

End Date: 08/05/2020 14:43

Lab Sample Id	D/F	Type	Time	Analytes																											
				H	g																										
ZZZZZZ			12:48																												
ZZZZZZ			12:50																												
ZZZZZZ			12:52																												
CCV 240-445549/10-A	1		12:54	X																											
CCB 240-445549/11-A	1		12:57	X																											
ZZZZZZ			12:59																												
ZZZZZZ			13:01																												
ZZZZZZ			13:04																												
ZZZZZZ			13:06																												
ZZZZZZ			13:08																												
ZZZZZZ			13:10																												
ZZZZZZ			13:13																												
ZZZZZZ			13:15																												
CCV 240-445549/10-A			13:17																												
CCB 240-445549/11-A			13:20																												
CCV 240-445549/10-A			14:20																												
CCB 240-445549/11-A			14:22																												
ZZZZZZ			14:25																												
ZZZZZZ			14:27																												
ZZZZZZ			14:29																												
ZZZZZZ			14:31																												
ZZZZZZ			14:34																												
ZZZZZZ			14:36																												
ZZZZZZ			14:38																												
CCV 240-445549/10-A			14:41																												
CCB 240-445549/11-A			14:43																												

Prep Types:

P = TCLP

T = Total/NA

15-IN
 ICP INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
 METALS

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1

SDG No.: Waste Char

ICP Instrument ID: I12 Start Date: 08/05/2020 End Date: 08/05/2020

Lab Sample ID	Time	Internal Standards %RI For:									
		Element In 230.606	Q	Element Y 224.306	Q	Element Y 360.073	Q	Element Y 371.030	Q	Element	Q
ICIS 240-445743/1	08:20										
ICV 240-445743/4	08:33	89		97		95		98			
ICB 240-445743/5	08:36	100		100		99		100			
ICVL 240-445743/6	08:41	98		100		98		100			
ICSA 240-445743/8	08:49	77		91		86		98			
ICSAB 240-445743/9	08:53	77		91		86		98			
CCV 240-445743/34	10:43	88		96		93		98			
CCB 240-445743/35	10:47	98		99		96		98			
LB 240-445400/1-B	10:51	82		95		90		106			
MB 240-445559/2-A	10:56	102		103		102		107			
LCS 240-445559/3-A	11:00	78		92		87		104			
CCV 240-445743/44	11:26	87		94		91		94			
CCB 240-445743/45	11:30	97		97		95		95			
CCV 240-445743/56	12:17	87		96		93		95			
CCB 240-445743/57	12:21	99		99		97		97			
240-134314-2	12:30	86		93		90		95			
CCV 240-445743/68	13:08	90		99		96		101			
CCB 240-445743/69	13:12	103		103		101		103			
CCVL 240-445743/94	14:58	98		101		99		102			

METALS BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1

SDG No.: Waste Char

Batch Number: 445400 Batch Start Date: 08/03/20 15:05 Batch Analyst: Jones, Diane

Batch Method: 1311 Batch End Date: 08/04/20 08:30

Lab Sample ID	Client Sample ID	Method Chain	Basis	ExpH(0-14) 00037	EXTCLPFILTERS 00056	EXTCLPHClW 00074	EXTCLPPlastic 00023	AnalysisComment
LB 240-445400/1		1311, 3010A, 6010C		1 No Unit	1	1 mL	1	Buffer 1
240-134314-H-2	WC-GSPMNA-W-0731 20	1311, 3010A, 6010C	P	1 No Unit	1	1 mL	1	Filter only H2O - 6010 and 7470

Batch Notes	
Tumbler Rotations per Minute	A, B, C, E = 31 RPM

Basis	Basis Description
P	TCLP

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1

SDG No.: Waste Char

Batch Number: 445559 Batch Start Date: 08/04/20 14:00 Batch Analyst: Dillon, Samuel

Batch Method: 3010A Batch End Date: 08/04/20 22:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ICPspike3 00013	MT1to1HCL 00113	MTTMHNO3 00230	SPIKE1 00008
LB 240-445400/1-A		3010A, 6010C		50 mL	50 mL		5 mL	3 mL	
MB 240-445559/2		3010A, 6010C		50 mL	50 mL		5 mL	3 mL	
LCS 240-445559/3		3010A, 6010C		50 mL	50 mL	0.5 mL	5 mL	3 mL	0.5 mL
240-134314-H-2-A	WC-GSPMNA-W-0731 20	3010A, 6010C	P	50 mL	50 mL		5 mL	3 mL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	SPIKE2 00007					
LB 240-445400/1-A		3010A, 6010C							
MB 240-445559/2		3010A, 6010C							
LCS 240-445559/3		3010A, 6010C		0.5 mL					
240-134314-H-2-A	WC-GSPMNA-W-0731 20	3010A, 6010C	P						

Batch Notes	
Batch Comment	filter paper 81206102
Temperature - Corrected - End	timer Degrees C
Temperature - Corrected - Start	95 Degrees C
Digestion Unit ID	HB4
Pipette/Syringe/Dispenser ID	MP1 MP3
Thermometer ID	TempLog
Digestion Tube/Cup ID	2001329
Temperature - Uncorrected - End	timer Degrees C
Temperature - Uncorrected - Start	95 Degrees C

Basis	Basis Description
P	TCLP

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1

SDG No.: Waste Char

Batch Number: 445400 Batch Start Date: 08/03/20 15:05 Batch Analyst: Jones, Diane

Batch Method: 1311 Batch End Date: 08/04/20 08:30

Lab Sample ID	Client Sample ID	Method Chain	Basis	ExpH(0-14) 00037	EXTCLPFILTERS 00056	EXTCLPHClW 00074	EXTCLPPlastic 00023	AnalysisComment
LB 240-445400/1		1311, 7470A, 7470A		1 No Unit	1	1 mL	1	Buffer 1
240-134314-H-2	WC-GSPMNA-W-0731 20	1311, 7470A, 7470A	P	1 No Unit	1	1 mL	1	Filter only H2O - 6010 and 7470

Batch Notes	
Tumbler Rotations per Minute	A, B, C, E = 31 RPM

Basis	Basis Description
P	TCLP

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1

SDG No.: Waste Char

Batch Number: 445549 Batch Start Date: 08/04/20 10:30 Batch Analyst: Dillon, Samuel

Batch Method: 7470A Batch End Date: 08/04/20 12:30

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	K2S2O8 00119	MTH2S04 00090	MTHGCALW 02453	MTHgICV_00001 00698
ICV 240-445549/7		7470A, 7470A		50 mL	50 mL	4 mL	2.5 mL		2.5 mL
ICB 240-445549/8		7470A, 7470A		50 mL	50 mL	4 mL	2.5 mL		
CRA 240-445549/9		7470A, 7470A		50 mL	50 mL	4 mL	2.5 mL	0.1 mL	
CCV 240-445549/10		7470A, 7470A		50 mL	50 mL	4 mL	2.5 mL	2.5 mL	
CCB 240-445549/11		7470A, 7470A		50 mL	50 mL	4 mL	2.5 mL		

Lab Sample ID	Client Sample ID	Method Chain	Basis	MTKMN04W 00230	MTTMHNO3 00230				
ICV 240-445549/7		7470A, 7470A		7.5 mL	1.25 mL				
ICB 240-445549/8		7470A, 7470A		7.5 mL	1.25 mL				
CRA 240-445549/9		7470A, 7470A		7.5 mL	1.25 mL				
CCV 240-445549/10		7470A, 7470A		7.5 mL	1.25 mL				
CCB 240-445549/11		7470A, 7470A		7.5 mL	1.25 mL				

Batch Notes	
Temperature - Corrected - End	93 Degrees C
Temperature - Corrected - Start	92 Degrees C
Digestion Unit ID	C1
Pipette/Syringe/Dispenser ID	MP1, MP2, A8
Thermometer ID	temp log
Digestion Tube/Cup ID	2001329
Temperature - Uncorrected - End	93 Degrees C
Temperature - Uncorrected - Start	92 Degrees C

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1

SDG No.: Waste Char

Batch Number: 445561 Batch Start Date: 08/04/20 14:00 Batch Analyst: Dillon, Samuel

Batch Method: 7470A Batch End Date: 08/04/20 16:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	K2S2O8 00119	MTH2S04 00090	MTHGCALW 02453	MTKMNO4W 00230
LB 240-445400/1-A		7470A, 7470A		50 mL	50 mL	4 mL	2.5 mL		7.5 mL
MB 240-445561/2		7470A, 7470A		50 mL	50 mL	4 mL	2.5 mL		7.5 mL
LCS 240-445561/3		7470A, 7470A		50 mL	50 mL	4 mL	2.5 mL	2.5 mL	7.5 mL
240-134314-H-2-A	WC-GSPMNA-W-0731 20	7470A, 7470A	P	50 mL	50 mL	4 mL	2.5 mL		7.5 mL

Lab Sample ID	Client Sample ID	Method Chain	Basis	MTTMHNO3 00230					
LB 240-445400/1-A		7470A, 7470A		1.25 mL					
MB 240-445561/2		7470A, 7470A		1.25 mL					
LCS 240-445561/3		7470A, 7470A		1.25 mL					
240-134314-H-2-A	WC-GSPMNA-W-0731 20	7470A, 7470A	P	1.25 mL					

Batch Notes	
Temperature - Corrected - End	95 Degrees C
Temperature - Corrected - Start	93 Degrees C
Digestion Unit ID	D2
Pipette/Syringe/Dispenser ID	MP2
Thermometer ID	TempLog
Digestion Tube/Cup ID	2001329
Temperature - Uncorrected - End	96 Degrees C
Temperature - Uncorrected - Start	94 Degrees C

Basis	Basis Description
P	TCLP

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY

COVER PAGE
GENERAL CHEMISTRY

Lab Name: Eurofins TestAmerica, Canton Job Number: 240-134314-1

SDG No.: Waste Char

Project: GSP MNA Groundwater 2020

Client Sample ID
WC-GSPMNA-W-073120

Lab Sample ID
240-134314-2

Comments:

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: WC-GSPMNA-W-073120

Lab Sample ID: 240-134314-2

Lab Name: Eurofins TestAmerica, Canton

Job No.: 240-134314-1

SDG ID.: Waste Char

Matrix: Water

Date Sampled: 07/31/2020 08:00

Reporting Basis: WET

Date Received: 08/01/2020 09:50

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
	Flashpoint	>200	1.00	1.00	Degrees F			1	1010

7A-IN
LAB CONTROL SAMPLE
GENERAL CHEMISTRY

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1

SDG No.: Waste Char

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 446792 Date: 08/12/2020 06:00			LCS Source: WCP-XYLENE_00030								
1010	LCS 240-446792/1	Flashpoint	81.00		Degrees F	81.0	100	97-103			

Calculations are performed before rounding to avoid round-off errors in calculated results.

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: Eurofins TestAmerica, Canton

Job Number: 240-134314-1

SDG Number: Waste Char

Matrix: Water

Instrument ID: WHITEY

Method: 1010

RL Date: 01/28/2010 09:55

Analyte	Wavelength/ Mass	RL (Degrees F)	
Flashpoint		1	

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: Eurofins TestAmerica, Canton

Job Number: 240-134314-1

SDG Number: Waste Char

Matrix: Water

Instrument ID: WHITEY

Method: 1010

XRL Date: 01/28/2010 09:55

Analyte	Wavelength/ Mass	XRL (Degrees F)	
Flashpoint		1	

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Canton Job No.: 240-134314-1

SDG No.: Waste Char

Batch Number: 446792 Batch Start Date: 08/12/20 06:00 Batch Analyst: Harshman, Tom

Batch Method: 1010 Batch End Date: 08/12/20 11:50

Lab Sample ID	Client Sample ID	Method Chain	Basis	FinalAmount	InitialTemp	WCP-XYLENE 00030			
LCS 240-446792/1		1010		70 mL	56 Degrees F	70 mL			
240-134314-D-2	WC-GSPMNA-W-0731 20	1010	T	70 mL	68 Degrees F				

Batch Notes	
Equipment ID	Whitey
Thermometer ID	X

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Shipping and Receiving Documents

Eurofins TestAmerica Canton Sample Receipt Form/Narrative
Canton Facility

Login # : _____

Client Tetra Tech Site Name _____
 Cooler Received on 8-1-20 Opened on 8-1-20
 FedEx: 1st Grd Exp UPS FAS Clipper Client Drop Off TestAmerica Courier Other _____

Cooler unpacked by: [Signature]

Receipt After-hours: Drop-off Date/Time _____ Storage Location _____

TestAmerica Cooler # NA Foam Box Client Cooler Box Other _____
 Packing material used: Bubble Wrap Foam Plastic Bag None Other _____
 COOLANT: Wet Ice Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt See Multiple Cooler Form
 IR GUN# IR-10 (CF +0.7 °C) Observed Cooler Temp. _____ °C Corrected Cooler Temp. _____ °C
 IR GUN #IR-11 (CF +0.9 °C) Observed Cooler Temp. 4.0 °C Corrected Cooler Temp. 4.9 °C
2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity 1 Yes No
 -Were the seals on the outside of the cooler(s) signed & dated? Yes No NA
 -Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)? Yes No
 -Were tamper/custody seals intact and uncompromised? Yes No NA
3. Shippers' packing slip attached to the cooler(s)? Yes No
4. Did custody papers accompany the sample(s)? Yes No
5. Were the custody papers relinquished & signed in the appropriate place? Yes No
6. Was/were the person(s) who collected the samples clearly identified on the COC? Yes No
7. Did all bottles arrive in good condition (Unbroken)? Yes No
8. Could all bottle labels be reconciled with the COC? Yes No
9. Were correct bottle(s) used for the test(s) indicated? Yes No
10. Sufficient quantity received to perform indicated analyses? Yes No
11. Are these work share samples? Yes No
 If yes, Questions 12-16 have been checked at the originating laboratory.
12. Were all preserved sample(s) at the correct pH upon receipt? Yes No NA pH Strip Lot# HC911298
13. Were VOAs on the COC? Yes No
14. Were air bubbles >6 mm in any VOA vials? Larger than this. NA Yes No NA
15. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot # NA Yes No
16. Was a LL Hg or Me Hg trip blank present? Yes No

Tests that are not checked for pH by Receiving:

 VOAs
 Oil and Grease
 TOC

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other _____
 Concerning _____

17. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES

Samples processed by: _____

18. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.
 Sample(s) _____ were received in a broken container.
 Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

19. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory.
 Time preserved: _____ Preservative(s) added/Lot number(s): _____
 VOA Sample Preservation - Date/Time VOAs Frozen: _____

Eurofins TestAmerica Canton Sample Receipt Form/Narrative
Canton Facility

Login # : 134314

Client Tetra Tech Site Name _____
 Cooler Received on 8-1-20 Opened on 8-1-20
 FedEx: 1st Grd Exp UPS FAS Clipper Client Drop Off TestAmerica Courier Other _____

Cooler unpacked by: _____

Receipt After-hours: Drop-off Date/Time _____ Storage Location _____

TestAmerica Cooler # NA Foam Box Client Cooler Box Other _____
 Packing material used: Bubble Wrap Foam Plastic Bag None Other _____
 COOLANT: Wet Ice Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt See Multiple Cooler Form
 IR GUN# IR-10 (CF +0.7 °C) Observed Cooler Temp. _____ °C Corrected Cooler Temp. _____ °C
 IR GUN #IR-11 (CF +0.9 °C) Observed Cooler Temp. 4.9 °C Corrected Cooler Temp. 4.9 °C
2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity 1 Yes No
 -Were the seals on the outside of the cooler(s) signed & dated? Yes No NA
 -Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)? Yes No NA
 -Were tamper/custody seals intact and uncompromised? Yes No NA
3. Shippers' packing slip attached to the cooler(s)? Yes No
4. Did custody papers accompany the sample(s)? Yes No
5. Were the custody papers relinquished & signed in the appropriate place? Yes No
6. Was/were the person(s) who collected the samples clearly identified on the COC? Yes No
7. Did all bottles arrive in good condition (Unbroken)? Yes No PK 8-1-20
8. Could all bottle labels be reconciled with the COC? Yes No
9. Were correct bottle(s) used for the test(s) indicated? Yes No
10. Sufficient quantity received to perform indicated analyses? Yes No
11. Are these work share samples? Yes No
 If yes, Questions 12-16 have been checked at the originating laboratory.
12. Were all preserved sample(s) at the correct pH upon receipt? Yes No NA pH Strip Lot# HC911298
13. Were VOAs on the COC? Yes No
14. Were air bubbles >6 mm in any VOA vials? Larger than this. NA Yes No NA
15. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot # _____ Yes No
16. Was a LL Hg or Me Hg trip blank present? Yes No

Tests that are not checked for pH by Receiving:
 VOAs
 Oil and Grease
 TOC

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other _____

Concerning _____

17. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES

Samples processed by: _____

One TB broken (cracked and no liquid) and didn't notice until logged

18. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.
 Sample(s) _____ were received in a broken container.
 Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

19. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory.
 Time preserved: _____ Preservative(s) added/Lot number(s): _____

VOA Sample Preservation - Date/Time VOAs Frozen: _____

Detected	Sample	Sample Name	Specific Method	CAS#	Matrix	Project Name	Client Name	Lab	Lab Section	Analyte	Result	Units	Qualifier
Y	410-9312-1	WC-GSPMNA-W-073120	PFC IDA	375-85-9	Water	MSA/GSP PFAS GW2020	Tetra Tech, Inc. - Germantown	Eurofins Lancaster	LCMS	Perfluorooheptanoic acid	5.6	ng/L	
Y	410-9312-1	WC-GSPMNA-W-073120	PFC IDA	335-67-1	Water	MSA/GSP PFAS GW2020	Tetra Tech, Inc. - Germantown	Eurofins Lancaster	LCMS	Perfluorooctanoic acid	8.9	ng/L	
N	410-9312-1	WC-GSPMNA-W-073120	PFC IDA	375-95-1	Water	MSA/GSP PFAS GW2020	Tetra Tech, Inc. - Germantown	Eurofins Lancaster	LCMS	Perfluorononanoic acid	ND	ng/L	
Y	410-9312-1	WC-GSPMNA-W-073120	PFC IDA	27619-97-2	Water	MSA/GSP PFAS GW2020	Tetra Tech, Inc. - Germantown	Eurofins Lancaster	LCMS	6:2 Fluorotelomer sulfonic acid	2.5	ng/L	J
Y	410-9312-1	WC-GSPMNA-W-073120	PFC IDA	375-73-5	Water	MSA/GSP PFAS GW2020	Tetra Tech, Inc. - Germantown	Eurofins Lancaster	LCMS	Perfluorobutanesulfonic acid	3.3	ng/L	
N	410-9312-1	WC-GSPMNA-W-073120	PFC IDA	39108-34-4	Water	MSA/GSP PFAS GW2020	Tetra Tech, Inc. - Germantown	Eurofins Lancaster	LCMS	8:2 Fluorotelomer sulfonic acid	ND	ng/L	
Y	410-9312-1	WC-GSPMNA-W-073120	PFC IDA	355-46-4	Water	MSA/GSP PFAS GW2020	Tetra Tech, Inc. - Germantown	Eurofins Lancaster	LCMS	Perfluorohexanesulfonic acid	3.7	ng/L	
Y	410-9312-1	WC-GSPMNA-W-073120	PFC IDA	1763-23-1	Water	MSA/GSP PFAS GW2020	Tetra Tech, Inc. - Germantown	Eurofins Lancaster	LCMS	Perfluorooctanesulfonic acid	4.5	ng/L	

*Qualifier

J - The reported value is estimated as-is is between the lab's lower detection limit and reporting limit.

*Units

ng/L - nanograms per liter

*Reports To

LL - Lower Limit

*Upper Limit Type

RL - Reporting Limit

*Lower Limit Type

MDL - Method Detection Limit

APPENDIX D— DATA-VALIDATION REPORTS WITH CHAIN-OF-CUSTODY FORMS

range organics (DRO), select total and dissolved metals and alkalinity as referenced above. One (1) field duplicate sample pair, GSP-MW-04-042622 / GSP-DUP01-042622, was included in this SDG.

The samples were collected by Tetra Tech, Inc. on April 25, 26, 27 and 28, 2022 and analyzed by TestAmerica, Inc. All analyses were conducted in accordance with SW-846 methods 8260C, 8015D and 6010C, RSK-175 and Standard Method 2320B analytical and reporting protocols.

The data contained in this SDG were validated with regard to the following parameters: data completeness, holding times, GC/MS tuning, initial/continuing calibrations, laboratory preparation/method/instrument/field blanks, ICP interference check results, surrogate spike recoveries, laboratory control sample / laboratory control sample duplicate results, matrix spike / matrix spike duplicate recoveries, internal standard results, laboratory duplicate results, field duplicate results, chromatographic resolution, compound identification, tentatively identified compounds, compound/analyte quantitation and detection limits. Areas of concern are listed below.

Major

- For the VOC analyses, as stated in the laboratory case narrative, 2-chloroethyl vinyl ether cannot be reliably recovered in acid preserved samples. All samples in this SDG were acid preserved. The non-detected results reported for 2-chloroethyl vinyl ether were qualified as rejected, (UR) in the acid preserved samples.
- The VOC matrix spike / matrix spike duplicate (MS/MSD) percent recoveries for 2-chloroethyl vinyl ether were 0% for sample GSP-MW-231-042722. The nondetected result reported for 2-chloroethyl vinyl ether in the affected sample was qualified as rejected, (UR).

Minor

- The VOC continuing calibration performed on instrument A3UX12 on 05/09/2022 @ 9:37 had percent differences (%Ds) for vinyl acetate and 2-chloroethyl vinyl ether which exceeded the quality control limits. Samples GSP-MW-28-042822, GSP-MW-32D-042822, GSP-MW-32S-042822 and TB-042822 were affected. The non-detected results reported for vinyl acetate in the affected samples were qualified as estimated, (UJ). No validation actions were required for 2-chloroethyl vinyl ether as the affected sample results were qualified for a more severe noncompliance.
- The VOC initial calibration verification performed on instrument A3UX19 on 03/22/2022 @ 16:20 had a %D for vinyl acetate which exceeded the quality control limit. Samples TB-042522 and GSP-MW-31-042522 were affected. The non-detected results reported for vinyl acetate in the affected samples were qualified as estimated, (UJ).
- The VOC continuing calibrations performed on instrument A3UX19 on 04/27/2022 @ 10:32 and 10:55 had %Ds for tert-amyl methyl ether, trichlorofluoromethane and 2,2-dichloropropane which exceeded the quality control limits. Samples TB-042522 and GSP-MW-31-042522 were affected. The non-detected results reported for these compounds in the affected samples were qualified as estimated, (UJ).
- The VOC continuing calibration performed on instrument A3UX9 on 04/28/2022 @ 9:32 had %Ds for chloromethane and bromomethane which exceeded the quality control limits. Samples TB-042622, GSP-MW-04-042622 and GSP-DUP01-042622 were affected. The non-detected results reported for these compounds in the affected samples were qualified as estimated, (UJ).

TO: S. BRENNER
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- The VOC continuing calibrations performed on instrument A3UX9 on 04/29/2022 @ 11:04 and 11:28 had %Ds for bromomethane and ethyl tert-butyl ether which exceeded the quality control limits. Samples TB-042722, GSP-MW-23I-042722, GSP-MW-07-042722 and GSP-MW-13-042722 were affected. The non-detected results reported for these compounds in the affected samples were qualified as estimated, (UJ).
- The DRO surrogate percent recovery for o-terphenyl was below the quality control limit for sample GSP-MW-20-042622. The sample was re-prepared two days past the seven day extraction hold time and the surrogate recovery was within quality control limits. The re-prepared result was used for validation. The detected result reported for DRO in the affected sample was qualified as estimated (J), as a result of hold time exceedance.
- The following contaminants were detected in laboratory method/instrument blanks at the following maximum concentrations:

<u>Contaminant</u>	<u>Maximum Concentration</u>	<u>Reporting Limit (RL) > or <</u>
Unknown (TIC) ⁽¹⁾	5.02 ug/L	
Thallium ⁽²⁾	5.38 ug/L	<

(1) Maximum concentration present in a method blank (preparation batch 240-525559) affecting samples GSP-MW-28-042822, GSP-MW-32D-042822, GSP-MW-32S-042822 and TB-042822.

(2) Maximum concentration present in an instrument blank affecting total and dissolved sample GSP-MW-33-042722.

The detected results reported below the RL were qualified as non-detected, (U).

- A TIC search was performed for the compound chlorodifluoromethane for all samples. The laboratory did not detect this compound in the samples in this SDG. The laboratory assigned a reporting limit (RL) of 1 µg/L. Because the GC/MS was not calibrated for this compound, the RL is not considered precise. The non-detected results reported for chlorodifluoromethane were qualified as estimated, (UJ).
- Samples GSP-MW-23I-042722, TB-042822, GSP-MW-32S-042822, GSP-MW-32D-042822 and GSP-MW-28-042822 had TICs listed by the laboratory. The sample TIC results were qualified as presumptively present, (NJ), with the quantity estimated.
- Detected results reported below the RL but above the Method Detection Limit (MDL) were qualified as estimated, (J).

Notes

Non-detected results were reported to the MDL.

Sample GSP-MW-23I-042722 was analyzed at a 2X dilution for trichloroethene.

Sample GSP-MW-32S-042822 was analyzed at a 25X dilution for trichloroethene.

TO: S. BRENNER
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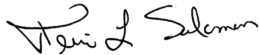
PAGE 4

Executive Summary

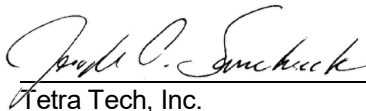
Laboratory Performance: Several VOC initial calibration verification and continuing calibration %Ds exceeded the quality control limits. Non-detected chlorodifluoromethane results were estimated because the compound was evaluated via a TIC library search. Contamination was present in several method/instrument blanks. Several VOC TIC results were qualified as presumptively present. One DRO hold time was exceeded.

Other Factors Affecting Data Quality: 2-Chloroethyl vinyl ether results were rejected due to sample preservation. Results below the RL were estimated. MS/MSD percent recoveries were outside the quality control limits for the VOC fraction.

The data for these analyses were reviewed with reference to the "National Functional Guidelines for Organic Review" (November 2020) and "National Functional Guidelines for Inorganic Review" (November 2020). The text of this report has been formulated to address only those areas affecting data quality.



Tetra Tech, Inc.
Terri L. Solomon
Chemist/Data Validator



Tetra Tech, Inc.
Joseph A. Samchuck
Data Validation Manager

Attachments:

- Appendix A – Qualified Analytical Results
- Appendix B – Results as Reported by the Laboratory
- Appendix C – Support Documentation

Data Qualifier Definitions

The following definitions provide brief explanations of the validation qualifiers assigned to results in the data review process.

U	The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the adjusted detection limit.
J	The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample (due either to the quality of the data generated because certain quality control criteria were not met, or the concentration of the analyte was below the reporting limit).
J+	The result is an estimated quantity, but the result may be biased high.
J-	The result is an estimated quantity, but the result may be biased low.
UJ	The analyte was analyzed for, but was not detected. The reported detection limit is approximate and may be inaccurate or imprecise.
NJ	The analyte has been "tentatively identified" or "presumptively" as present and the associated numerical value is the estimated concentration in the sample.
R	The sample result (detected) is unusable due to the quality of the data generated because certain criteria were not met. The analyte may or may not be present in the sample.
UR	The sample result (nondetected) is unusable due to the quality of the data generated because certain criteria were not met. The analyte may or may not be present in the sample.
X	The sample results (including non-detects) were affected by serious deficiencies in the ability to analyze the sample and meet published method and project quality control criteria. The presence or absence of the analyte cannot be substantiated by the data provided. Acceptance or rejection of the data should be decided by the project team, but exclusion of the data is recommended.

Appendix A

Qualified Analytical Results

Qualifier Codes:

- A = Lab Blank Contamination
- B = Field Blank Contamination
- C = Calibration Noncompliance (i.e., % RSDs, %Ds, ICVs, CCVs, RRFs, etc.)
- C01 = GC/MS Tuning Noncompliance
- D = MS/MSD Recovery Noncompliance
- E = LCS/LCSD Recovery Noncompliance
- F = Lab Duplicate Imprecision
- G = Field Duplicate Imprecision
- H = Holding Time Exceedance
- I = ICP Serial Dilution Noncompliance
- J = ICP PDS Recovery Noncompliance; MSA's $r < 0.995$
- K = ICP Interference - includes ICS % R Noncompliance
- L = Instrument Calibration Range Exceedance
- M = Sample Preservation Noncompliance
- N = Internal Standard Noncompliance
- N01 = Internal Standard Recovery Noncompliance Dioxins
- N02 = Recovery Standard Noncompliance Dioxins
- N03 = Clean-up Standard Noncompliance Dioxins
- O = Poor Instrument Performance (i.e., base-time drifting)
- P = Uncertainty near detection limit ($< 2 \times$ IDL for inorganics and $<$ CRQL for organics)
- Q = Other problems (can encompass a number of issues; i.e.chromatography,interferences, etc.)
- R = Surrogates Recovery Noncompliance
- S = Pesticide/PCB Resolution
- T = % Breakdown Noncompliance for DDT and Endrin
- U = RPD between columns/detectors $>40\%$ for positive results determined via GC/HPLC
- V = Non-linear calibrations; correlation coefficient $r < 0.995$
- W = EMPC result
- X = Signal to noise response drop
- Y = Percent solids $<30\%$
- Z = Uncertainty at 2 standard deviations is greater than sample activity
- Z1 = Tentatively Identified Compound considered presumptively present
- Z2 = Tentatively Identified Compound column bleed
- Z3 = Tentatively Identified Compound aldol condensate
- Z4 = Sample activity is less than the at uncertainty at 3 standard deviations and greater than the MDC
- Z5 = Sample activity is less than the at uncertainty at 3 standard deviations and less than the MDC

PROJ_NO: 09076 SDG: 240-165545-1 FRACTION: OV MEDIA: WATER	NSAMPLE	GSP-DUP01-042622			GSP-MW-04-042622			GSP-MW-07-042722			GSP-MW-13-042722		
	LAB_ID	240-165585-6			240-165585-2			240-165675-3			240-165675-4		
	SAMP_DATE	4/26/2022			4/26/2022			4/27/2022			4/27/2022		
	QC_TYPE	NM			NM			NM			NM		
	UNITS	UG/L			UG/L			UG/L			UG/L		
	PCT_SOLIDS	0.0			0.0			0.0			0.0		
	DUP_OF	GSP-MW-04-042622											
PARAMETER	RESULT	VQL	QLCD	RESULT	VQL	QLCD	RESULT	VQL	QLCD	RESULT	VQL	QLCD	
1,1,1,2-TETRACHLOROETHANE	0.43	U		0.43	U		0.43	U		0.43	U		
1,1,1-TRICHLOROETHANE	0.48	U		0.48	U		0.48	U		0.48	U		
1,1,2,2-TETRACHLOROETHANE	0.6	U		0.6	U		0.6	U		0.6	U		
1,1,2-TRICHLOROTRIFLUOROETHANE	0.41	U		0.41	U		0.41	U		0.41	U		
1,1-DICHLOROETHANE	0.47	U		0.47	U		0.47	U		0.47	U		
1,1-DICHLOROETHENE	0.49	U		0.49	U		0.49	U		0.49	U		
1,1-DICHLOROPROPENE	0.36	U		0.36	U		0.36	U		0.36	U		
1,2,3-TRICHLOROBENZENE	0.54	U		0.54	U		0.54	U		0.54	U		
1,2,3-TRICHLOROPROPANE	0.52	U		0.52	U		0.52	U		0.52	U		
1,2,3-TRIMETHYLBENZENE	0.31	U		0.31	U		0.31	U		0.31	U		
1,2,4-TRICHLOROBENZENE	0.77	U		0.77	U		0.77	U		0.77	U		
1,2,4-TRIMETHYLBENZENE	0.52	U		0.52	U		0.52	U		0.52	U		
1,2-DIBROMO-3-CHLOROPROPANE	0.91	U		0.91	U		0.91	U		0.91	U		
1,2-DIBROMOETHANE	0.41	U		0.41	U		0.41	U		0.41	U		
1,2-DIBROMOETHENE													
1,2-DICHLOROBENZENE	0.48	U		0.48	U		0.48	U		0.48	U		
1,2-DICHLOROETHANE	0.21	U		0.21	U		0.21	U		0.21	U		
1,2-DICHLOROPROPANE	0.47	U		0.47	U		0.47	U		0.47	U		
1,3-DICHLOROBENZENE	0.45	U		0.45	U		0.45	U		0.45	U		
1,3-DICHLOROPROPANE	0.21	U		0.21	U		0.21	U		0.21	U		
1,4-DICHLOROBENZENE	0.41	U		0.41	U		0.41	U		0.41	U		
2,2-DICHLOROPROPANE	0.78	U		0.78	U		0.78	U		0.78	U		
2-BUTANONE	1.2	U		1.2	U		1.2	U		1.2	U		
2-CHLOROETHYL VINYL ETHER	1.5	UR	M	1.5	UR	M	1.5	UR	M	1.5	UR	M	
2-CHLOROTOLUENE	0.57	U		0.57	U		0.57	U		0.57	U		
2-HEXANONE	1.1	U		1.1	U		1.1	U		1.1	U		
4-CHLOROTOLUENE	0.43	U		0.43	U		0.43	U		0.43	U		
4-ISOPROPYLTOLUENE	0.56	U		0.56	U		0.56	U		0.56	U		
4-METHYL-2-PENTANONE	0.99	U		0.99	U		0.99	U		0.99	U		
ACETONE	5.4	U		5.4	U		5.4	U		5.4	U		
BENZENE	0.42	U		0.42	U		0.42	U		0.42	U		
BROMOBENZENE	0.5	U		0.5	U		0.5	U		0.5	U		
BROMOCHLOROMETHANE	0.54	U		0.54	U		0.54	U		0.54	U		
BROMODICHLOROMETHANE	0.17	U		0.17	U		0.17	U		0.17	U		
BROMOETHENE													

PROJ_NO: 09076 SDG: 240-165545-1 FRACTION: OV MEDIA: WATER	NSAMPLE	GSP-MW-231-042722			GSP-MW-28-042822			GSP-MW-31-042522			GSP-MW-32D-042822		
	LAB_ID	240-165675-2			240-165824-5			240-165545-4			240-165824-3		
	SAMP_DATE	4/27/2022			4/28/2022			4/25/2022			4/28/2022		
	QC_TYPE	NM			NM			NM			NM		
	UNITS	UG/L			UG/L			UG/L			UG/L		
	PCT_SOLIDS	0.0			0.0			0.0			0.0		
	DUP_OF												
PARAMETER	RESULT	VQL	QLCD	RESULT	VQL	QLCD	RESULT	VQL	QLCD	RESULT	VQL	QLCD	
1,1,1,2-TETRACHLOROETHANE	0.43	U		0.43	U		0.43	U		0.43	U		
1,1,1-TRICHLOROETHANE	0.48	U		0.48	U		0.48	U		0.48	U		
1,1,2,2-TETRACHLOROETHANE	0.6	U		0.6	U		0.6	U		0.6	U		
1,1,2-TRICHLOROTRIFLUOROETHANE	0.41	U		0.41	U		0.41	U		0.41	U		
1,1-DICHLOROETHANE	0.47	U		0.47	U		0.47	U		0.47	U		
1,1-DICHLOROETHENE	0.49	U		0.49	U		0.49	U		0.49	U		
1,1-DICHLOROPROPENE	0.36	U		0.36	U		0.36	U		0.36	U		
1,2,3-TRICHLOROBENZENE	0.54	U		0.54	U		0.54	U		0.54	U		
1,2,3-TRICHLOROPROPANE	0.52	U		0.52	U		0.52	U		0.52	U		
1,2,3-TRIMETHYLBENZENE	0.31	U		0.31	U		0.31	U		0.31	U		
1,2,4-TRICHLOROBENZENE	0.77	U		0.77	U		0.77	U		0.77	U		
1,2,4-TRIMETHYLBENZENE	0.52	U		0.52	U		0.52	U		0.52	U		
1,2-DIBROMO-3-CHLOROPROPANE	0.91	U		0.91	U		0.91	U		0.91	U		
1,2-DIBROMOETHANE	0.41	U		0.41	U		0.41	U		0.41	U		
1,2-DIBROMOETHENE	6	NJ	Z1										
1,2-DICHLOROBENZENE	0.48	U		0.48	U		0.48	U		0.48	U		
1,2-DICHLOROETHANE	0.21	U		0.21	U		0.21	U		0.21	U		
1,2-DICHLOROPROPANE	0.47	U		0.47	U		0.47	U		0.47	U		
1,3-DICHLOROBENZENE	0.45	U		0.45	U		0.45	U		0.45	U		
1,3-DICHLOROPROPANE	0.21	U		0.21	U		0.21	U		0.21	U		
1,4-DICHLOROBENZENE	0.41	U		0.41	U		0.41	U		0.41	U		
2,2-DICHLOROPROPANE	0.78	U		0.78	U		0.78	UJ	C	0.78	U		
2-BUTANONE	1.2	U		1.2	U		1.2	U		1.2	U		
2-CHLOROETHYL VINYL ETHER	1.5	UR	DM	1.5	UR	M	1.5	UR	M	1.5	UR	M	
2-CHLOROTOLUENE	0.57	U		0.57	U		0.57	U		0.57	U		
2-HEXANONE	1.1	U		1.1	U		1.1	U		1.1	U		
4-CHLOROTOLUENE	0.43	U		0.43	U		0.43	U		0.43	U		
4-ISOPROPYLTOLUENE	0.56	U		0.56	U		0.56	U		0.56	U		
4-METHYL-2-PENTANONE	0.99	U		0.99	U		0.99	U		0.99	U		
ACETONE	5.4	U		5.4	U		5.4	U		5.4	U		
BENZENE	0.82	J	P	0.42	U		0.42	U		0.42	U		
BROMOBENZENE	0.5	U		0.5	U		0.5	U		0.5	U		
BROMOCHLOROMETHANE	0.54	U		0.54	U		0.54	U		0.54	U		
BROMODICHLOROMETHANE	0.17	U		0.17	U		0.17	U		0.17	U		
BROMOETHENE	4.4	NJ	Z1										

PROJ_NO: 09076 SDG: 240-165545-1 FRACTION: OV MEDIA: WATER	NSAMPLE	GSP-MW-32S-042822			GSP-MW-32S-042822-RE			TB-042522			TB-042622		
	LAB_ID	240-165824-2			240-165824-2			240-165545-1			240-165585-1		
	SAMP_DATE	4/28/2022			4/28/2022			4/25/2022			4/26/2022		
	QC_TYPE	NM			NM			NM			NM		
	UNITS	UG/L			UG/L			UG/L			UG/L		
	PCT_SOLIDS	0.0			0.0			0.0			0.0		
	DUP_OF												
PARAMETER	RESULT	VQL	QLCD	RESULT	VQL	QLCD	RESULT	VQL	QLCD	RESULT	VQL	QLCD	
1,1,1,2-TETRACHLOROETHANE	0.43	U					0.43	U		0.43	U		
1,1,1-TRICHLOROETHANE	0.48	U					0.48	U		0.48	U		
1,1,2,2-TETRACHLOROETHANE	0.6	U					0.6	U		0.6	U		
1,1,2-TRICHLOROTRIFLUOROETHANE	0.41	U					0.41	U		0.41	U		
1,1-DICHLOROETHANE	0.47	U					0.47	U		0.47	U		
1,1-DICHLOROETHENE	0.49	U					0.49	U		0.49	U		
1,1-DICHLOROPROPENE	0.36	U					0.36	U		0.36	U		
1,2,3-TRICHLOROBENZENE	0.54	U					0.54	U		0.54	U		
1,2,3-TRICHLOROPROPANE	0.52	U					0.52	U		0.52	U		
1,2,3-TRIMETHYLBENZENE	0.31	U					0.31	U		0.31	U		
1,2,4-TRICHLOROBENZENE	0.77	U					0.77	U		0.77	U		
1,2,4-TRIMETHYLBENZENE	0.52	U					0.52	U		0.52	U		
1,2-DIBROMO-3-CHLOROPROPANE	0.91	U					0.91	U		0.91	U		
1,2-DIBROMOETHANE	0.41	U					0.41	U		0.41	U		
1,2-DIBROMOETHENE				16	NJ	Z1							
1,2-DICHLOROBENZENE	0.48	U					0.48	U		0.48	U		
1,2-DICHLOROETHANE	0.21	U					0.21	U		0.21	U		
1,2-DICHLOROPROPANE	0.47	U					0.47	U		0.47	U		
1,3-DICHLOROBENZENE	0.45	U					0.45	U		0.45	U		
1,3-DICHLOROPROPANE	0.21	U					0.21	U		0.21	U		
1,4-DICHLOROBENZENE	0.41	U					0.41	U		0.41	U		
2,2-DICHLOROPROPANE	0.78	U					0.78	UJ	C	0.78	U		
2-BUTANONE	1.2	U					1.2	U		1.2	U		
2-CHLOROETHYL VINYL ETHER	1.5	UR	M				1.5	UR	M	1.5	UR	M	
2-CHLOROTOLUENE	0.57	U					0.57	U		0.57	U		
2-HEXANONE	1.1	U					1.1	U		1.1	U		
4-CHLOROTOLUENE	0.43	U					0.43	U		0.43	U		
4-ISOPROPYLTOLUENE	0.56	U					0.56	U		0.56	U		
4-METHYL-2-PENTANONE	0.99	U					0.99	U		0.99	U		
ACETONE	5.4	U					5.4	U		5.4	U		
BENZENE	0.66	J	P				0.42	U		0.42	U		
BROMOBENZENE	0.5	U					0.5	U		0.5	U		
BROMOCHLOROMETHANE	0.54	U					0.54	U		0.54	U		
BROMODICHLOROMETHANE	0.17	U					0.17	U		0.17	U		
BROMOETHENE	6.9	NJ	Z1										

PROJ_NO: 09076 SDG: 240-165545-1 FRACTION: OV MEDIA: WATER	NSAMPLE	TB-042722			TB-042822		
	LAB_ID	240-165675-1			240-165824-1		
	SAMP_DATE	4/27/2022			4/28/2022		
	QC_TYPE	NM			NM		
	UNITS	UG/L			UG/L		
	PCT_SOLIDS	0.0			0.0		
	DUP_OF						
PARAMETER	RESULT	VQL	QLCD	RESULT	VQL	QLCD	
1,1,1,2-TETRACHLOROETHANE	0.43	U		0.43	U		
1,1,1-TRICHLOROETHANE	0.48	U		0.48	U		
1,1,2,2-TETRACHLOROETHANE	0.6	U		0.6	U		
1,1,2-TRICHLOROTRIFLUOROETHANE	0.41	U		0.41	U		
1,1-DICHLOROETHANE	0.47	U		0.47	U		
1,1-DICHLOROETHENE	0.49	U		0.49	U		
1,1-DICHLOROPROPENE	0.36	U		0.36	U		
1,2,3-TRICHLOROBENZENE	0.54	U		0.54	U		
1,2,3-TRICHLOROPROPANE	0.52	U		0.52	U		
1,2,3-TRIMETHYLBENZENE	0.31	U		0.31	U		
1,2,4-TRICHLOROBENZENE	0.77	U		0.77	U		
1,2,4-TRIMETHYLBENZENE	0.52	U		0.52	U		
1,2-DIBROMO-3-CHLOROPROPANE	0.91	U		0.91	U		
1,2-DIBROMOETHANE	0.41	U		0.41	U		
1,2-DIBROMOETHENE							
1,2-DICHLOROBENZENE	0.48	U		0.48	U		
1,2-DICHLOROETHANE	0.21	U		0.21	U		
1,2-DICHLOROPROPANE	0.47	U		0.47	U		
1,3-DICHLOROBENZENE	0.45	U		0.45	U		
1,3-DICHLOROPROPANE	0.21	U		0.21	U		
1,4-DICHLOROBENZENE	0.41	U		0.41	U		
2,2-DICHLOROPROPANE	0.78	U		0.78	U		
2-BUTANONE	1.2	U		1.2	U		
2-CHLOROETHYL VINYL ETHER	1.5	UR	M	1.5	UR	M	
2-CHLOROTOLUENE	0.57	U		0.57	U		
2-HEXANONE	1.1	U		1.1	U		
4-CHLOROTOLUENE	0.43	U		0.43	U		
4-ISOPROPYLTOLUENE	0.56	U		0.56	U		
4-METHYL-2-PENTANONE	0.99	U		0.99	U		
ACETONE	5.4	U		5.4	U		
BENZENE	0.42	U		0.42	U		
BROMOBENZENE	0.5	U		0.5	U		
BROMOCHLOROMETHANE	0.54	U		0.54	U		
BROMODICHLOROMETHANE	0.17	U		0.17	U		
BROMOETHENE							

PROJ_NO: 09076 SDG: 240-165545-1 FRACTION: OV MEDIA: WATER	NSAMPLE	GSP-DUP01-042622			GSP-MW-04-042622			GSP-MW-07-042722			GSP-MW-13-042722		
	LAB_ID	240-165585-6			240-165585-2			240-165675-3			240-165675-4		
	SAMP_DATE	4/26/2022			4/26/2022			4/27/2022			4/27/2022		
	QC_TYPE	NM			NM			NM			NM		
	UNITS	UG/L			UG/L			UG/L			UG/L		
	PCT_SOLIDS	0.0			0.0			0.0			0.0		
	DUP_OF	GSP-MW-04-042622											
PARAMETER	RESULT	VQL	QLCD	RESULT	VQL	QLCD	RESULT	VQL	QLCD	RESULT	VQL	QLCD	
BROMOFORM	0.76	U		0.76	U		0.76	U		0.76	U		
BROMOMETHANE	0.42	UJ	C	0.42	UJ	C	0.42	UJ	C	0.42	UJ	C	
CARBON DISULFIDE	0.59	U		0.59	U		0.59	U		0.59	U		
CARBON TETRACHLORIDE	0.26	U		0.26	U		0.26	U		0.26	U		
CHLOROENZENE	0.38	U		0.38	U		0.38	U		0.38	U		
CHLORODIBROMOMETHANE	0.39	U		0.39	U		0.39	U		0.39	U		
CHLORODIFLUOROMETHANE	1	UJ	Q	1	UJ	Q	1	UJ	Q	1	UJ	Q	
CHLOROETHANE	0.83	U		0.83	U		0.83	U		0.83	U		
CHLOROFORM	0.47	U		0.47	U		0.47	U		0.47	U		
CHLOROMETHANE	0.63	UJ	C	0.63	UJ	C	0.63	U		0.63	U		
CIS-1,2-DICHLOROETHENE	2.7			2.7			2			0.46	U		
CIS-1,3-DICHLOROPROPENE	0.61	U		0.61	U		0.61	U		0.61	U		
DIBROMOMETHANE	0.4	U		0.4	U		0.4	U		0.4	U		
DICHLORODIFLUOROMETHANE	0.35	U		0.35	U		0.35	U		0.35	U		
DIISOPROPYL ETHER	0.17	U		0.17	U		0.17	U		0.17	U		
ETHYL TERT-BUTYL ETHER	0.4	U		0.4	U		0.4	UJ	C	0.4	UJ	C	
ETHYLBENZENE	0.42	U		0.42	U		0.42	U		0.42	U		
HEXACHLOROBUTADIENE	0.83	U		0.83	U		0.83	U		0.83	U		
ISOPROPYLBENZENE	0.49	U		0.49	U		0.49	U		0.49	U		
M+P-XYLENES	0.42	U		0.42	U		0.42	U		0.42	U		
METHYL TERT-BUTYL ETHER	0.47	U		0.47	U		0.47	U		0.47	U		
METHYLENE CHLORIDE	2.6	U		2.6	U		2.6	U		2.6	U		
NAPHTHALENE	0.8	U		0.8	U		0.8	U		0.8	U		
N-BUTYLBENZENE	0.6	U		0.6	U		0.6	U		0.6	U		
N-PROPYLBENZENE	0.57	U		0.57	U		0.57	U		0.57	U		
O-XYLENE	0.42	U		0.42	U		0.42	U		0.42	U		
SEC-BUTYLBENZENE	0.53	U		0.53	U		0.53	U		0.53	U		
STYRENE	0.45	U		0.45	U		0.45	U		0.45	U		
TERT-AMYL METHYL ETHER	0.43	U		0.43	U		0.43	U		0.43	U		
TERT-BUTYLBENZENE	0.48	U		0.48	U		0.48	U		0.48	U		
TERTIARY-BUTYL ALCOHOL	7.2	U		7.2	U		7.2	U		7.2	U		
TETRACHLOROETHENE	0.44	U		0.44	U		0.44	U		0.44	U		
TOLUENE	0.44	U		0.44	U		0.44	U		0.44	U		
TOTAL XYLENES	0.42	U		0.42	U		0.42	U		0.42	U		
TRANS-1,2-DICHLOROETHENE	0.51	U		0.51	U		0.51	U		0.51	U		

PARAMETER	RESULT	VQL	QLCD	RESULT	VQL	QLCD	RESULT	VQL	QLCD	RESULT	VQL	QLCD
BROMOFORM	0.76	U		0.76	U		0.76	U		0.76	U	
BROMOMETHANE	0.42	UJ	C	0.42	U		0.42	U		0.42	U	
CARBON DISULFIDE	0.59	U		0.59	U		0.59	U		0.59	U	
CARBON TETRACHLORIDE	0.26	U		17			0.26	U		24		
CHLOROBENZENE	0.43	J	P	0.38	U		0.38	U		0.38	U	
CHLORODIBROMOMETHANE	0.39	U		0.39	U		0.39	U		0.39	U	
CHLORODIFLUOROMETHANE	1	UJ	Q	1	UJ	Q	1	UJ	Q	1	UJ	Q
CHLOROETHANE	0.83	U		0.83	U		0.83	U		0.83	U	
CHLOROFORM	0.47	U		3.7			0.47	U		17		
CHLOROMETHANE	0.63	U		0.63	U		0.63	U		0.63	U	
CIS-1,2-DICHLOROETHENE	4.2			4.4			0.46	U		1.6		
CIS-1,3-DICHLOROPROPENE	0.61	U		0.61	U		0.61	U		0.61	U	
DIBROMOMETHANE	0.4	U		0.4	U		0.4	U		0.4	U	
DICHLORODIFLUOROMETHANE	0.35	U		0.35	U		0.35	U		0.35	U	
DIISOPROPYL ETHER	0.17	U		0.17	U		0.17	U		0.17	U	
ETHYL TERT-BUTYL ETHER	0.4	UJ	C	0.4	U		0.4	U		0.4	U	
ETHYLBENZENE	0.42	U		0.42	U		0.42	U		0.42	U	
HEXACHLOROBUTADIENE	0.83	U		0.83	UJ	C	0.83	U		0.83	UJ	C
ISOPROPYLBENZENE	0.49	U		0.49	U		0.49	U		0.49	U	
M+P-XYLENES	0.42	U		0.42	U		0.42	U		0.42	U	
METHYL TERT-BUTYL ETHER	0.47	U		0.47	U		0.47	U		0.47	U	
METHYLENE CHLORIDE	2.6	U		2.6	U		2.6	U		2.6	U	
NAPHTHALENE	0.8	U		0.8	U		0.8	U		0.8	U	
N-BUTYLBENZENE	0.6	U		0.6	U		0.6	U		0.6	U	
N-PROPYLBENZENE	0.57	U		0.57	U		0.57	U		0.57	U	
O-XYLENE	0.42	U		0.42	U		0.42	U		0.42	U	
SEC-BUTYLBENZENE	0.53	U		0.53	U		0.53	U		0.53	U	
STYRENE	0.45	U		0.45	U		0.45	U		0.45	U	
TERT-AMYL METHYL ETHER	0.43	U		0.43	U		0.43	UJ	C	0.43	U	
TERT-BUTYLBENZENE	0.48	U		0.48	U		0.48	U		0.48	U	
TERTIARY-BUTYL ALCOHOL	7.2	U		7.2	U		7.2	U		7.2	U	
TETRACHLOROETHENE	0.44	U		0.44	U		0.44	U		0.44	U	
TOLUENE	0.44	U		0.44	U		0.44	U		0.44	U	
TOTAL XYLENES	0.42	U		0.42	U		0.42	U		0.42	U	
TRANS-1,2-DICHLOROETHENE	0.51	U		0.51	U		0.51	U		0.51	U	

PROJ_NO: 09076 SDG: 240-165545-1 FRACTION: OV MEDIA: WATER	NSAMPLE	GSP-MW-32S-042822			GSP-MW-32S-042822-RE			TB-042522			TB-042622		
	LAB_ID	240-165824-2			240-165824-2			240-165545-1			240-165585-1		
	SAMP_DATE	4/28/2022			4/28/2022			4/25/2022			4/26/2022		
	QC_TYPE	NM			NM			NM			NM		
	UNITS	UG/L			UG/L			UG/L			UG/L		
	PCT_SOLIDS	0.0			0.0			0.0			0.0		
	DUP_OF												
PARAMETER	RESULT	VQL	QLCD	RESULT	VQL	QLCD	RESULT	VQL	QLCD	RESULT	VQL	QLCD	
BROMOFORM	0.76	U					0.76	U		0.76	U		
BROMOMETHANE	0.42	U					0.42	U		0.42	UJ	C	
CARBON DISULFIDE	0.59	U					0.59	U		0.59	U		
CARBON TETRACHLORIDE	0.87	J	P				0.26	U		0.26	U		
CHLOROBENZENE	0.63	J	P				0.38	U		0.38	U		
CHLORODIBROMOMETHANE	0.39	U					0.39	U		0.39	U		
CHLORODIFLUOROMETHANE	1	UJ	Q				1	UJ	Q	1	UJ	Q	
CHLOROETHANE	0.83	U					0.83	U		0.83	U		
CHLOROFORM	1.3						0.47	U		0.47	U		
CHLOROMETHANE	0.63	U					0.63	U		0.63	UJ	C	
CIS-1,2-DICHLOROETHENE	4.3						0.46	U		0.46	U		
CIS-1,3-DICHLOROPROPENE	0.61	U					0.61	U		0.61	U		
DIBROMOMETHANE	0.4	U					0.4	U		0.4	U		
DICHLORODIFLUOROMETHANE	0.35	U					0.35	U		0.35	U		
DIISOPROPYL ETHER	0.17	U					0.17	U		0.17	U		
ETHYL TERT-BUTYL ETHER	0.4	U					0.4	U		0.4	U		
ETHYLBENZENE	0.42	U					0.42	U		0.42	U		
HEXACHLOROBUTADIENE	0.83	UJ	C				0.83	U		0.83	U		
ISOPROPYLBENZENE	0.49	U					0.49	U		0.49	U		
M+P-XYLENES	0.42	U					0.42	U		0.42	U		
METHYL TERT-BUTYL ETHER	0.47	U					0.47	U		0.47	U		
METHYLENE CHLORIDE	2.6	U					2.6	U		2.6	U		
NAPHTHALENE	0.8	U					0.8	U		0.8	U		
N-BUTYLBENZENE	0.6	U					0.6	U		0.6	U		
N-PROPYLBENZENE	0.57	U					0.57	U		0.57	U		
O-XYLENE	0.42	U					0.42	U		0.42	U		
SEC-BUTYLBENZENE	0.53	U					0.53	U		0.53	U		
STYRENE	0.45	U					0.45	U		0.45	U		
TERT-AMYL METHYL ETHER	0.43	U					0.43	UJ	C	0.43	U		
TERT-BUTYLBENZENE	0.48	U					0.48	U		0.48	U		
TERTIARY-BUTYL ALCOHOL	7.2	U					7.2	U		7.2	U		
TETRACHLOROETHENE	0.44	U					0.44	U		0.44	U		
TOLUENE	0.44	U					0.44	U		0.44	U		
TOTAL XYLENES	0.42	U					0.42	U		0.42	U		
TRANS-1,2-DICHLOROETHENE	0.51	U					0.51	U		0.51	U		

PROJ_NO: 09076 SDG: 240-165545-1 FRACTION: OV MEDIA: WATER	NSAMPLE	TB-042722			TB-042822		
	LAB_ID	240-165675-1			240-165824-1		
	SAMP_DATE	4/27/2022			4/28/2022		
	QC_TYPE	NM			NM		
	UNITS	UG/L			UG/L		
	PCT_SOLIDS	0.0			0.0		
	DUP_OF						
PARAMETER	RESULT	VQL	QLCD	RESULT	VQL	QLCD	
BROMOFORM	0.76	U		0.76	U		
BROMOMETHANE	0.42	UJ	C	0.42	U		
CARBON DISULFIDE	0.59	U		0.59	U		
CARBON TETRACHLORIDE	0.26	U		0.26	U		
CHLOROBENZENE	0.38	U		0.38	U		
CHLORODIBROMOMETHANE	0.39	U		0.39	U		
CHLORODIFLUOROMETHANE	1	UJ	Q	1	UJ	Q	
CHLOROETHANE	0.83	U		0.83	U		
CHLOROFORM	0.47	U		0.47	U		
CHLOROMETHANE	0.63	U		0.63	U		
CIS-1,2-DICHLOROETHENE	0.46	U		0.46	U		
CIS-1,3-DICHLOROPROPENE	0.61	U		0.61	U		
DIBROMOMETHANE	0.4	U		0.4	U		
DICHLORODIFLUOROMETHANE	0.35	U		0.35	U		
DIISOPROPYL ETHER	0.17	U		0.17	U		
ETHYL TERT-BUTYL ETHER	0.4	UJ	C	0.4	U		
ETHYLBENZENE	0.42	U		0.42	U		
HEXACHLOROBUTADIENE	0.83	U		0.83	UJ	C	
ISOPROPYLBENZENE	0.49	U		0.49	U		
M+P-XYLENES	0.42	U		0.42	U		
METHYL TERT-BUTYL ETHER	0.47	U		0.47	U		
METHYLENE CHLORIDE	2.6	U		2.6	U		
NAPHTHALENE	0.8	U		0.8	U		
N-BUTYLBENZENE	0.6	U		0.6	U		
N-PROPYLBENZENE	0.57	U		0.57	U		
O-XYLENE	0.42	U		0.42	U		
SEC-BUTYLBENZENE	0.53	U		0.53	U		
STYRENE	0.45	U		0.45	U		
TERT-AMYL METHYL ETHER	0.43	U		0.43	U		
TERT-BUTYLBENZENE	0.48	U		0.48	U		
TERTIARY-BUTYL ALCOHOL	7.2	U		7.2	U		
TETRACHLOROETHENE	0.44	U		0.44	U		
TOLUENE	0.44	U		0.44	U		
TOTAL XYLENES	0.42	U		0.42	U		
TRANS-1,2-DICHLOROETHENE	0.51	U		0.51	U		

PROJ_NO: 09076 SDG: 240-165545-1 FRACTION: OV MEDIA: WATER	NSAMPLE	GSP-DUP01-042622			GSP-MW-04-042622			GSP-MW-07-042722			GSP-MW-13-042722		
	LAB_ID	240-165585-6			240-165585-2			240-165675-3			240-165675-4		
	SAMP_DATE	4/26/2022			4/26/2022			4/27/2022			4/27/2022		
	QC_TYPE	NM			NM			NM			NM		
	UNITS	UG/L			UG/L			UG/L			UG/L		
	PCT_SOLIDS	0.0			0.0			0.0			0.0		
	DUP_OF	GSP-MW-04-042622											
PARAMETER	RESULT	VQL	QLCD	RESULT	VQL	QLCD	RESULT	VQL	QLCD	RESULT	VQL	QLCD	
TRANS-1,3-DICHLOROPROPENE	0.67	U		0.67	U		0.67	U		0.67	U		
TRICHLOROETHENE	2			1.9			41			0.44	U		
TRICHLOROFLUOROMETHANE	0.45	U		0.45	U		0.45	U		0.45	U		
UNKNOWN													
VINYL ACETATE	0.61	U		0.61	U		0.61	U		0.61	U		
VINYL CHLORIDE	0.79	J	P	0.72	J	P	0.45	U		0.45	U		

PROJ_NO: 09076 SDG: 240-165545-1 FRACTION: OV MEDIA: WATER	NSAMPLE	GSP-MW-231-042722			GSP-MW-28-042822			GSP-MW-31-042522			GSP-MW-32D-042822		
	LAB_ID	240-165675-2			240-165824-5			240-165545-4			240-165824-3		
	SAMP_DATE	4/27/2022			4/28/2022			4/25/2022			4/28/2022		
	QC_TYPE	NM			NM			NM			NM		
	UNITS	UG/L			UG/L			UG/L			UG/L		
	PCT_SOLIDS	0.0			0.0			0.0			0.0		
	DUP_OF												
PARAMETER	RESULT	VQL	QLCD	RESULT	VQL	QLCD	RESULT	VQL	QLCD	RESULT	VQL	QLCD	
TRANS-1,3-DICHLOROPROPENE	0.67	U		0.67	U		0.67	U		0.67	U		
TRICHLOROETHENE	91			25			0.44	U		26			
TRICHLOROFLUOROMETHANE	0.45	U		0.45	U		0.45	UJ	C	0.45	U		
UNKNOWN				37	NJ	Z1				41	NJ	Z1	
VINYL ACETATE	0.61	U		0.61	UJ	C	0.61	UJ	C	0.61	UJ	C	
VINYL CHLORIDE	0.45	U		0.45	U		0.45	U		0.45	U		

PROJ_NO: 09076 SDG: 240-165545-1 FRACTION: OV MEDIA: WATER	NSAMPLE	GSP-MW-32S-042822			GSP-MW-32S-042822-RE			TB-042522			TB-042622		
	LAB_ID	240-165824-2			240-165824-2			240-165545-1			240-165585-1		
	SAMP_DATE	4/28/2022			4/28/2022			4/25/2022			4/26/2022		
	QC_TYPE	NM			NM			NM			NM		
	UNITS	UG/L			UG/L			UG/L			UG/L		
	PCT_SOLIDS	0.0			0.0			0.0			0.0		
	DUP_OF												
PARAMETER	RESULT	VQL	QLCD	RESULT	VQL	QLCD	RESULT	VQL	QLCD	RESULT	VQL	QLCD	
TRANS-1,3-DICHLOROPROPENE	0.67	U					0.67	U		0.67	U		
TRICHLOROETHENE	790						0.44	U		0.44	U		
TRICHLOROFLUOROMETHANE	0.45	U					0.45	UJ	C	0.45	U		
UNKNOWN	53	NJ	Z1										
VINYL ACETATE	0.61	UJ	C				0.61	UJ	C	0.61	U		
VINYL CHLORIDE	0.45	U					0.45	U		0.45	U		

PROJ_NO: 09076 SDG: 240-165545-1 FRACTION: OV MEDIA: WATER	NSAMPLE	TB-042722			TB-042822		
	LAB_ID	240-165675-1			240-165824-1		
	SAMP_DATE	4/27/2022			4/28/2022		
	QC_TYPE	NM			NM		
	UNITS	UG/L			UG/L		
	PCT_SOLIDS	0.0			0.0		
	DUP_OF						
PARAMETER	RESULT	VQL	QLCD	RESULT	VQL	QLCD	
TRANS-1,3-DICHLOROPROPENE	0.67	U		0.67	U		
TRICHLOROETHENE	0.44	U		0.44	U		
TRICHLOROFLUOROMETHANE	0.45	U		0.45	U		
UNKNOWN				2.7	NJ	Z1	
VINYL ACETATE	0.61	U		0.61	UJ	C	
VINYL CHLORIDE	0.45	U		0.45	U		

PROJ_NO: 09076 SDG: 240-165545-1 FRACTION: OVG MEDIA: WATER	NSAMPLE	GSP-MW-32D-042822			GSP-MW-32S-042822		
	LAB_ID	240-165824-3			240-165824-2		
	SAMP_DATE	4/28/2022			4/28/2022		
	QC_TYPE	NM			NM		
	UNITS	UG/L			UG/L		
	PCT_SOLIDS	0.0			0.0		
	DUP_OF						
PARAMETER	RESULT	VQL	QLCD	RESULT	VQL	QLCD	
ETHANE	0.29	U		0.29	U		
ETHENE	0.27	U		0.27	J	P	
METHANE	0.52	J	P	110			

PROJ_NO: 09076 SDG: 240-165545-1 FRACTION: PET MEDIA: WATER	NSAMPLE	GSP-DUP01-042622			GSP-MW-04-042622			GSP-MW-05-042622			GSP-MW-06-042622		
	LAB_ID	240-165585-6			240-165585-2			240-165585-4			240-165585-5		
	SAMP_DATE	4/26/2022			4/26/2022			4/26/2022			4/26/2022		
	QC_TYPE	NM			NM			NM			NM		
	UNITS	UG/L			UG/L			UG/L			UG/L		
	PCT_SOLIDS	0.0			0.0			0.0			0.0		
	DUP_OF												
PARAMETER	RESULT	VQL	QLCD	RESULT	VQL	QLCD	RESULT	VQL	QLCD	RESULT	VQL	QLCD	
TPH (C10-C32)	240	U		230	U		820			230	U		

PROJ_NO: 09076 SDG: 240-165545-1 FRACTION: PET MEDIA: WATER	NSAMPLE	GSP-MW-20-042622-RE			GSP-MW-27-042522			GSP-MW-29-042522			GSP-MW-30-042822		
	LAB_ID	240-165585-3			240-165545-3			240-165545-2			240-165824-4		
	SAMP_DATE	4/26/2022			4/25/2022			4/25/2022			4/28/2022		
	QC_TYPE	NM			NM			NM			NM		
	UNITS	UG/L			UG/L			UG/L			UG/L		
	PCT_SOLIDS	0.0			0.0			0.0			0.0		
	DUP_OF												
PARAMETER	RESULT	VQL	QLCD	RESULT	VQL	QLCD	RESULT	VQL	QLCD	RESULT	VQL	QLCD	
TPH (C10-C32)	520	J	H	230	U		220	U		220	U		

PROJ_NO: 09076 SDG: 240-165545-1 FRACTION: M MEDIA: WATER	NSAMPLE	GSP-MW-33-042722		
	LAB_ID	240-165675-5		
	SAMP_DATE	4/27/2022		
	QC_TYPE	NM		
	UNITS	UG/L		
	PCT_SOLIDS	0.0		
	DUP_OF			
PARAMETER	RESULT	VQL	QLCD	
BERYLLIUM	27			
COBALT	1000			
IRON	54000			
MANGANESE	2900			
NICKEL	1400			
THALLIUM	6.4	U	A	
VANADIUM	17	J	P	
ZINC	1700			

PROJ_NO: 09076 SDG: 240-165545-1 FRACTION: MF MEDIA: WATER	NSAMPLE	GSP-MW-33-042722		
	LAB_ID	240-165675-5		
	SAMP_DATE	4/27/2022		
	QC_TYPE	NM		
	UNITS	UG/L		
	PCT_SOLIDS	0.0		
	DUP_OF			
PARAMETER	RESULT	VQL	QLCD	
BERYLLIUM	27			
COBALT	990			
IRON	54000			
MANGANESE	2900			
NICKEL	1400			
THALLIUM	4.2	U	A	
VANADIUM	21	J	P	
ZINC	1700			

Appendix B

Results as Reported by the Laboratory

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Client Sample ID: TB-042522 Lab Sample ID: 240-165545-1
 Matrix: Water Lab File ID: U1927147.D
 Analysis Method: 8260C Date Collected: 04/25/2022 00:00
 Sample wt/vol: 5(mL) Date Analyzed: 04/27/2022 18:55
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 524182 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	5.4	U	10	5.4
71-43-2	Benzene	0.42	U	1.0	0.42
108-86-1	Bromobenzene	0.50	U	1.0	0.50
74-97-5	Bromochloromethane	0.54	U	1.0	0.54
75-27-4	Bromodichloromethane	0.17	U	1.0	0.17
75-25-2	Bromoform	0.76	U	1.0	0.76
74-83-9	Bromomethane	0.42	U	1.0	0.42
78-93-3	2-Butanone	1.2	U	10	1.2
75-15-0	Carbon disulfide	0.59	U	1.0	0.59
56-23-5	Carbon tetrachloride	0.26	U	1.0	0.26
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
75-00-3	Chloroethane	0.83	U	1.0	0.83
110-75-8	2-Chloroethyl vinyl ether	1.5	U	10	1.5
67-66-3	Chloroform	0.47	U	1.0	0.47
74-87-3	Chloromethane	0.63	U	1.0	0.63
95-49-8	2-Chlorotoluene	0.57	U	1.0	0.57
106-43-4	4-Chlorotoluene	0.43	U	1.0	0.43
156-59-2	cis-1,2-Dichloroethene	0.46	U	1.0	0.46
10061-01-5	cis-1,3-Dichloropropene	0.61	U	1.0	0.61
124-48-1	Dibromochloromethane	0.39	U	1.0	0.39
96-12-8	1,2-Dibromo-3-Chloropropane	0.91	U	2.0	0.91
106-93-4	1,2-Dibromoethane	0.41	U	1.0	0.41
74-95-3	Dibromomethane	0.40	U	1.0	0.40
95-50-1	1,2-Dichlorobenzene	0.48	U	1.0	0.48
541-73-1	1,3-Dichlorobenzene	0.45	U	1.0	0.45
106-46-7	1,4-Dichlorobenzene	0.41	U	1.0	0.41
75-71-8	Dichlorodifluoromethane	0.35	U	1.0	0.35
75-34-3	1,1-Dichloroethane	0.47	U	1.0	0.47
107-06-2	1,2-Dichloroethane	0.21	U	1.0	0.21
75-35-4	1,1-Dichloroethene	0.49	U	1.0	0.49
78-87-5	1,2-Dichloropropane	0.47	U	1.0	0.47
142-28-9	1,3-Dichloropropane	0.21	U	1.0	0.21
594-20-7	2,2-Dichloropropane	0.78	U	1.0	0.78
563-58-6	1,1-Dichloropropene	0.36	U	1.0	0.36
108-20-3	Diisopropyl ether	0.17	U	10	0.17
100-41-4	Ethylbenzene	0.42	U	1.0	0.42

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Client Sample ID: TB-042522 Lab Sample ID: 240-165545-1
 Matrix: Water Lab File ID: U1927147.D
 Analysis Method: 8260C Date Collected: 04/25/2022 00:00
 Sample wt/vol: 5 (mL) Date Analyzed: 04/27/2022 18:55
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 524182 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
637-92-3	Ethyl tert-Butyl Ether (ETBE)	0.40	U	5.0	0.40
87-68-3	Hexachlorobutadiene	0.83	U	1.0	0.83
591-78-6	2-Hexanone	1.1	U	10	1.1
98-82-8	Isopropylbenzene	0.49	U	1.0	0.49
75-09-2	Methylene Chloride	2.6	U	5.0	2.6
108-10-1	4-Methyl-2-pentanone	0.99	U	10	0.99
1634-04-4	Methyl-tert-butyl Ether (MTBE)	0.47	U	1.0	0.47
179601-23-1	m-Xylene & p-Xylene	0.42	U	2.0	0.42
91-20-3	Naphthalene	0.80	U	1.0	0.80
104-51-8	n-Butylbenzene	0.60	U	1.0	0.60
103-65-1	n-Propylbenzene	0.57	U	1.0	0.57
95-47-6	o-Xylene	0.42	U	1.0	0.42
99-87-6	p-Isopropyltoluene	0.56	U	1.0	0.56
135-98-8	sec-Butylbenzene	0.53	U	1.0	0.53
100-42-5	Styrene	0.45	U	1.0	0.45
994-05-8	Tert-amyl-methyl ether (TAME)	0.43	U	5.0	0.43
75-65-0	tert-Butyl alcohol	7.2	U	40	7.2
98-06-6	tert-Butylbenzene	0.48	U	1.0	0.48
630-20-6	1,1,1,2-Tetrachloroethane	0.43	U	1.0	0.43
79-34-5	1,1,2,2-Tetrachloroethane	0.60	U	1.0	0.60
127-18-4	Tetrachloroethene	0.44	U	1.0	0.44
108-88-3	Toluene	0.44	U	1.0	0.44
156-60-5	trans-1,2-Dichloroethene	0.51	U	1.0	0.51
10061-02-6	trans-1,3-Dichloropropene	0.67	U	1.0	0.67
87-61-6	1,2,3-Trichlorobenzene	0.54	U	1.0	0.54
120-82-1	1,2,4-Trichlorobenzene	0.77	U	1.0	0.77
71-55-6	1,1,1-Trichloroethane	0.48	U	1.0	0.48
79-01-6	Trichloroethene	0.44	U	1.0	0.44
75-69-4	Trichlorofluoromethane	0.45	U	1.0	0.45
96-18-4	1,2,3-Trichloropropane	0.52	U	1.0	0.52
76-13-1	1,1,2-Trichloro-1,2,2-trichloroethane	0.41	U	1.0	0.41
526-73-8	1,2,3-Trimethylbenzene	0.31	U	5.0	0.31
95-63-6	1,2,4-Trimethylbenzene	0.52	U	1.0	0.52
108-05-4	Vinyl acetate	0.61	U	2.0	0.61
75-01-4	Vinyl chloride	0.45	U	1.0	0.45

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Client Sample ID: TB-042522 Lab Sample ID: 240-165545-1
 Matrix: Water Lab File ID: U1927147.D
 Analysis Method: 8260C Date Collected: 04/25/2022 00:00
 Sample wt/vol: 5 (mL) Date Analyzed: 04/27/2022 18:55
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 524182 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1330-20-7	Xylenes, Total	0.42	U	2.0	0.42

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	100		56-136
1868-53-7	Dibromofluoromethane (Surr)	110		73-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	112		62-137
2037-26-5	Toluene-d8 (Surr)	103		78-122

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Client Sample ID: TB-042522 Lab Sample ID: 240-165545-1
 Matrix: Water Lab File ID: U1927147.D
 Analysis Method: 8260C Date Collected: 04/25/2022 00:00
 Sample wt/vol: 5 (mL) Date Analyzed: 04/27/2022 18:55
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 524182 Units: ug/L
 Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TARGETED TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Client Sample ID: TB-042522 Lab Sample ID: 240-165545-1
 Matrix: Water Lab File ID: U1927147.D
 Analysis Method: 8260C Date Collected: 04/25/2022 00:00
 Sample wt/vol: 5 (mL) Date Analyzed: 04/27/2022 18:55
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 524182 Units: ug/L

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
75-45-6	Chlorodifluoromethane TIC		1.0	U	

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Client Sample ID: GSP-MW-31-042522 Lab Sample ID: 240-165545-4
 Matrix: Water Lab File ID: U1927148.D
 Analysis Method: 8260C Date Collected: 04/25/2022 14:05
 Sample wt/vol: 5 (mL) Date Analyzed: 04/27/2022 19:18
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 524182 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	5.4	U	10	5.4
71-43-2	Benzene	0.42	U	1.0	0.42
108-86-1	Bromobenzene	0.50	U	1.0	0.50
74-97-5	Bromochloromethane	0.54	U	1.0	0.54
75-27-4	Bromodichloromethane	0.17	U	1.0	0.17
75-25-2	Bromoform	0.76	U	1.0	0.76
74-83-9	Bromomethane	0.42	U	1.0	0.42
78-93-3	2-Butanone	1.2	U	10	1.2
75-15-0	Carbon disulfide	0.59	U	1.0	0.59
56-23-5	Carbon tetrachloride	0.26	U	1.0	0.26
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
75-00-3	Chloroethane	0.83	U	1.0	0.83
110-75-8	2-Chloroethyl vinyl ether	1.5	U	10	1.5
67-66-3	Chloroform	0.47	U	1.0	0.47
74-87-3	Chloromethane	0.63	U	1.0	0.63
95-49-8	2-Chlorotoluene	0.57	U	1.0	0.57
106-43-4	4-Chlorotoluene	0.43	U	1.0	0.43
156-59-2	cis-1,2-Dichloroethene	0.46	U	1.0	0.46
10061-01-5	cis-1,3-Dichloropropene	0.61	U	1.0	0.61
124-48-1	Dibromochloromethane	0.39	U	1.0	0.39
96-12-8	1,2-Dibromo-3-Chloropropane	0.91	U	2.0	0.91
106-93-4	1,2-Dibromoethane	0.41	U	1.0	0.41
74-95-3	Dibromomethane	0.40	U	1.0	0.40
95-50-1	1,2-Dichlorobenzene	0.48	U	1.0	0.48
541-73-1	1,3-Dichlorobenzene	0.45	U	1.0	0.45
106-46-7	1,4-Dichlorobenzene	0.41	U	1.0	0.41
75-71-8	Dichlorodifluoromethane	0.35	U	1.0	0.35
75-34-3	1,1-Dichloroethane	0.47	U	1.0	0.47
107-06-2	1,2-Dichloroethane	0.21	U	1.0	0.21
75-35-4	1,1-Dichloroethene	0.49	U	1.0	0.49
78-87-5	1,2-Dichloropropane	0.47	U	1.0	0.47
142-28-9	1,3-Dichloropropane	0.21	U	1.0	0.21
594-20-7	2,2-Dichloropropane	0.78	U	1.0	0.78
563-58-6	1,1-Dichloropropene	0.36	U	1.0	0.36
108-20-3	Diisopropyl ether	0.17	U	10	0.17
100-41-4	Ethylbenzene	0.42	U	1.0	0.42

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Client Sample ID: GSP-MW-31-042522 Lab Sample ID: 240-165545-4
 Matrix: Water Lab File ID: U1927148.D
 Analysis Method: 8260C Date Collected: 04/25/2022 14:05
 Sample wt/vol: 5 (mL) Date Analyzed: 04/27/2022 19:18
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 524182 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
637-92-3	Ethyl tert-Butyl Ether (ETBE)	0.40	U	5.0	0.40
87-68-3	Hexachlorobutadiene	0.83	U	1.0	0.83
591-78-6	2-Hexanone	1.1	U	10	1.1
98-82-8	Isopropylbenzene	0.49	U	1.0	0.49
75-09-2	Methylene Chloride	2.6	U	5.0	2.6
108-10-1	4-Methyl-2-pentanone	0.99	U	10	0.99
1634-04-4	Methyl-tert-butyl Ether (MTBE)	0.47	U	1.0	0.47
179601-23-1	m-Xylene & p-Xylene	0.42	U	2.0	0.42
91-20-3	Naphthalene	0.80	U	1.0	0.80
104-51-8	n-Butylbenzene	0.60	U	1.0	0.60
103-65-1	n-Propylbenzene	0.57	U	1.0	0.57
95-47-6	o-Xylene	0.42	U	1.0	0.42
99-87-6	p-Isopropyltoluene	0.56	U	1.0	0.56
135-98-8	sec-Butylbenzene	0.53	U	1.0	0.53
100-42-5	Styrene	0.45	U	1.0	0.45
994-05-8	Tert-amyl-methyl ether (TAME)	0.43	U	5.0	0.43
75-65-0	tert-Butyl alcohol	7.2	U	40	7.2
98-06-6	tert-Butylbenzene	0.48	U	1.0	0.48
630-20-6	1,1,1,2-Tetrachloroethane	0.43	U	1.0	0.43
79-34-5	1,1,2,2-Tetrachloroethane	0.60	U	1.0	0.60
127-18-4	Tetrachloroethene	0.44	U	1.0	0.44
108-88-3	Toluene	0.44	U	1.0	0.44
156-60-5	trans-1,2-Dichloroethene	0.51	U	1.0	0.51
10061-02-6	trans-1,3-Dichloropropene	0.67	U	1.0	0.67
87-61-6	1,2,3-Trichlorobenzene	0.54	U	1.0	0.54
120-82-1	1,2,4-Trichlorobenzene	0.77	U	1.0	0.77
71-55-6	1,1,1-Trichloroethane	0.48	U	1.0	0.48
79-01-6	Trichloroethene	0.44	U	1.0	0.44
75-69-4	Trichlorofluoromethane	0.45	U	1.0	0.45
96-18-4	1,2,3-Trichloropropane	0.52	U	1.0	0.52
76-13-1	1,1,2-Trichloro-1,2,2-trichloroethane	0.41	U	1.0	0.41
526-73-8	1,2,3-Trimethylbenzene	0.31	U	5.0	0.31
95-63-6	1,2,4-Trimethylbenzene	0.52	U	1.0	0.52
108-05-4	Vinyl acetate	0.61	U	2.0	0.61
75-01-4	Vinyl chloride	0.45	U	1.0	0.45

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Client Sample ID: GSP-MW-31-042522 Lab Sample ID: 240-165545-4
 Matrix: Water Lab File ID: U1927148.D
 Analysis Method: 8260C Date Collected: 04/25/2022 14:05
 Sample wt/vol: 5 (mL) Date Analyzed: 04/27/2022 19:18
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 524182 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1330-20-7	Xylenes, Total	0.42	U	2.0	0.42

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	98		56-136
1868-53-7	Dibromofluoromethane (Surr)	109		73-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	113		62-137
2037-26-5	Toluene-d8 (Surr)	102		78-122

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Client Sample ID: GSP-MW-31-042522 Lab Sample ID: 240-165545-4
 Matrix: Water Lab File ID: U1927148.D
 Analysis Method: 8260C Date Collected: 04/25/2022 14:05
 Sample wt/vol: 5 (mL) Date Analyzed: 04/27/2022 19:18
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 524182 Units: ug/L
 Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TARGETED TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Client Sample ID: GSP-MW-31-042522 Lab Sample ID: 240-165545-4
 Matrix: Water Lab File ID: U1927148.D
 Analysis Method: 8260C Date Collected: 04/25/2022 14:05
 Sample wt/vol: 5 (mL) Date Analyzed: 04/27/2022 19:18
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 524182 Units: ug/L

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
75-45-6	Chlorodifluoromethane TIC		1.0	U	

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Client Sample ID: TB-042622 Lab Sample ID: 240-165585-1
 Matrix: Water Lab File ID: UX001598.D
 Analysis Method: 8260C Date Collected: 04/26/2022 00:00
 Sample wt/vol: 5 (mL) Date Analyzed: 04/28/2022 15:15
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 524313 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	5.4	U	10	5.4
71-43-2	Benzene	0.42	U	1.0	0.42
108-86-1	Bromobenzene	0.50	U	1.0	0.50
74-97-5	Bromochloromethane	0.54	U	1.0	0.54
75-27-4	Bromodichloromethane	0.17	U	1.0	0.17
75-25-2	Bromoform	0.76	U	1.0	0.76
74-83-9	Bromomethane	0.42	U	1.0	0.42
78-93-3	2-Butanone	1.2	U	10	1.2
75-15-0	Carbon disulfide	0.59	U	1.0	0.59
56-23-5	Carbon tetrachloride	0.26	U	1.0	0.26
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
75-00-3	Chloroethane	0.83	U	1.0	0.83
110-75-8	2-Chloroethyl vinyl ether	1.5	U	10	1.5
67-66-3	Chloroform	0.47	U	1.0	0.47
74-87-3	Chloromethane	0.63	U	1.0	0.63
95-49-8	2-Chlorotoluene	0.57	U	1.0	0.57
106-43-4	4-Chlorotoluene	0.43	U	1.0	0.43
156-59-2	cis-1,2-Dichloroethene	0.46	U	1.0	0.46
10061-01-5	cis-1,3-Dichloropropene	0.61	U	1.0	0.61
124-48-1	Dibromochloromethane	0.39	U	1.0	0.39
96-12-8	1,2-Dibromo-3-Chloropropane	0.91	U	2.0	0.91
106-93-4	1,2-Dibromoethane	0.41	U	1.0	0.41
74-95-3	Dibromomethane	0.40	U	1.0	0.40
95-50-1	1,2-Dichlorobenzene	0.48	U	1.0	0.48
541-73-1	1,3-Dichlorobenzene	0.45	U	1.0	0.45
106-46-7	1,4-Dichlorobenzene	0.41	U	1.0	0.41
75-71-8	Dichlorodifluoromethane	0.35	U	1.0	0.35
75-34-3	1,1-Dichloroethane	0.47	U	1.0	0.47
107-06-2	1,2-Dichloroethane	0.21	U	1.0	0.21
75-35-4	1,1-Dichloroethene	0.49	U	1.0	0.49
78-87-5	1,2-Dichloropropane	0.47	U	1.0	0.47
142-28-9	1,3-Dichloropropane	0.21	U	1.0	0.21
594-20-7	2,2-Dichloropropane	0.78	U	1.0	0.78
563-58-6	1,1-Dichloropropene	0.36	U	1.0	0.36
108-20-3	Diisopropyl ether	0.17	U	10	0.17
100-41-4	Ethylbenzene	0.42	U	1.0	0.42

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Client Sample ID: TB-042622 Lab Sample ID: 240-165585-1
 Matrix: Water Lab File ID: UX001598.D
 Analysis Method: 8260C Date Collected: 04/26/2022 00:00
 Sample wt/vol: 5 (mL) Date Analyzed: 04/28/2022 15:15
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 524313 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
637-92-3	Ethyl tert-Butyl Ether (ETBE)	0.40	U	5.0	0.40
87-68-3	Hexachlorobutadiene	0.83	U	1.0	0.83
591-78-6	2-Hexanone	1.1	U	10	1.1
98-82-8	Isopropylbenzene	0.49	U	1.0	0.49
75-09-2	Methylene Chloride	2.6	U	5.0	2.6
108-10-1	4-Methyl-2-pentanone	0.99	U	10	0.99
1634-04-4	Methyl-tert-butyl Ether (MTBE)	0.47	U	1.0	0.47
179601-23-1	m-Xylene & p-Xylene	0.42	U	2.0	0.42
91-20-3	Naphthalene	0.80	U	1.0	0.80
104-51-8	n-Butylbenzene	0.60	U	1.0	0.60
103-65-1	n-Propylbenzene	0.57	U	1.0	0.57
95-47-6	o-Xylene	0.42	U	1.0	0.42
99-87-6	p-Isopropyltoluene	0.56	U	1.0	0.56
135-98-8	sec-Butylbenzene	0.53	U	1.0	0.53
100-42-5	Styrene	0.45	U	1.0	0.45
994-05-8	Tert-amyl-methyl ether (TAME)	0.43	U	5.0	0.43
75-65-0	tert-Butyl alcohol	7.2	U	40	7.2
98-06-6	tert-Butylbenzene	0.48	U	1.0	0.48
630-20-6	1,1,1,2-Tetrachloroethane	0.43	U	1.0	0.43
79-34-5	1,1,2,2-Tetrachloroethane	0.60	U	1.0	0.60
127-18-4	Tetrachloroethene	0.44	U	1.0	0.44
108-88-3	Toluene	0.44	U	1.0	0.44
156-60-5	trans-1,2-Dichloroethene	0.51	U	1.0	0.51
10061-02-6	trans-1,3-Dichloropropene	0.67	U	1.0	0.67
87-61-6	1,2,3-Trichlorobenzene	0.54	U	1.0	0.54
120-82-1	1,2,4-Trichlorobenzene	0.77	U	1.0	0.77
71-55-6	1,1,1-Trichloroethane	0.48	U	1.0	0.48
79-01-6	Trichloroethene	0.44	U	1.0	0.44
75-69-4	Trichlorofluoromethane	0.45	U	1.0	0.45
96-18-4	1,2,3-Trichloropropane	0.52	U	1.0	0.52
76-13-1	1,1,2-Trichloro-1,2,2-trichloroethane	0.41	U	1.0	0.41
526-73-8	1,2,3-Trimethylbenzene	0.31	U	5.0	0.31
95-63-6	1,2,4-Trimethylbenzene	0.52	U	1.0	0.52
108-05-4	Vinyl acetate	0.61	U	2.0	0.61
75-01-4	Vinyl chloride	0.45	U	1.0	0.45

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Client Sample ID: TB-042622 Lab Sample ID: 240-165585-1
 Matrix: Water Lab File ID: UX001598.D
 Analysis Method: 8260C Date Collected: 04/26/2022 00:00
 Sample wt/vol: 5 (mL) Date Analyzed: 04/28/2022 15:15
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 524313 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1330-20-7	Xylenes, Total	0.42	U	2.0	0.42

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	92		56-136
1868-53-7	Dibromofluoromethane (Surr)	103		73-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		62-137
2037-26-5	Toluene-d8 (Surr)	92		78-122

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Client Sample ID: TB-042622 Lab Sample ID: 240-165585-1
 Matrix: Water Lab File ID: UX001598.D
 Analysis Method: 8260C Date Collected: 04/26/2022 00:00
 Sample wt/vol: 5 (mL) Date Analyzed: 04/28/2022 15:15
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 524313 Units: ug/L
 Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TARGETED TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Client Sample ID: TB-042622 Lab Sample ID: 240-165585-1
 Matrix: Water Lab File ID: UX001598.D
 Analysis Method: 8260C Date Collected: 04/26/2022 00:00
 Sample wt/vol: 5 (mL) Date Analyzed: 04/28/2022 15:15
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 524313 Units: ug/L

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
75-45-6	Chlorodifluoromethane TIC		1.0	U	

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Client Sample ID: GSP-MW-04-042622 Lab Sample ID: 240-165585-2
 Matrix: Water Lab File ID: UX001599.D
 Analysis Method: 8260C Date Collected: 04/26/2022 09:16
 Sample wt/vol: 5 (mL) Date Analyzed: 04/28/2022 15:40
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 524313 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	5.4	U	10	5.4
71-43-2	Benzene	0.42	U	1.0	0.42
108-86-1	Bromobenzene	0.50	U	1.0	0.50
74-97-5	Bromochloromethane	0.54	U	1.0	0.54
75-27-4	Bromodichloromethane	0.17	U	1.0	0.17
75-25-2	Bromoform	0.76	U	1.0	0.76
74-83-9	Bromomethane	0.42	U	1.0	0.42
78-93-3	2-Butanone	1.2	U	10	1.2
75-15-0	Carbon disulfide	0.59	U	1.0	0.59
56-23-5	Carbon tetrachloride	0.26	U	1.0	0.26
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
75-00-3	Chloroethane	0.83	U	1.0	0.83
110-75-8	2-Chloroethyl vinyl ether	1.5	U	10	1.5
67-66-3	Chloroform	0.47	U	1.0	0.47
74-87-3	Chloromethane	0.63	U	1.0	0.63
95-49-8	2-Chlorotoluene	0.57	U	1.0	0.57
106-43-4	4-Chlorotoluene	0.43	U	1.0	0.43
156-59-2	cis-1,2-Dichloroethene	2.7		1.0	0.46
10061-01-5	cis-1,3-Dichloropropene	0.61	U	1.0	0.61
124-48-1	Dibromochloromethane	0.39	U	1.0	0.39
96-12-8	1,2-Dibromo-3-Chloropropane	0.91	U	2.0	0.91
106-93-4	1,2-Dibromoethane	0.41	U	1.0	0.41
74-95-3	Dibromomethane	0.40	U	1.0	0.40
95-50-1	1,2-Dichlorobenzene	0.48	U	1.0	0.48
541-73-1	1,3-Dichlorobenzene	0.45	U	1.0	0.45
106-46-7	1,4-Dichlorobenzene	0.41	U	1.0	0.41
75-71-8	Dichlorodifluoromethane	0.35	U	1.0	0.35
75-34-3	1,1-Dichloroethane	0.47	U	1.0	0.47
107-06-2	1,2-Dichloroethane	0.21	U	1.0	0.21
75-35-4	1,1-Dichloroethene	0.49	U	1.0	0.49
78-87-5	1,2-Dichloropropane	0.47	U	1.0	0.47
142-28-9	1,3-Dichloropropane	0.21	U	1.0	0.21
594-20-7	2,2-Dichloropropane	0.78	U	1.0	0.78
563-58-6	1,1-Dichloropropene	0.36	U	1.0	0.36
108-20-3	Diisopropyl ether	0.17	U	10	0.17
100-41-4	Ethylbenzene	0.42	U	1.0	0.42

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Client Sample ID: GSP-MW-04-042622 Lab Sample ID: 240-165585-2
 Matrix: Water Lab File ID: UX001599.D
 Analysis Method: 8260C Date Collected: 04/26/2022 09:16
 Sample wt/vol: 5 (mL) Date Analyzed: 04/28/2022 15:40
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 524313 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
637-92-3	Ethyl tert-Butyl Ether (ETBE)	0.40	U	5.0	0.40
87-68-3	Hexachlorobutadiene	0.83	U	1.0	0.83
591-78-6	2-Hexanone	1.1	U	10	1.1
98-82-8	Isopropylbenzene	0.49	U	1.0	0.49
75-09-2	Methylene Chloride	2.6	U	5.0	2.6
108-10-1	4-Methyl-2-pentanone	0.99	U	10	0.99
1634-04-4	Methyl-tert-butyl Ether (MTBE)	0.47	U	1.0	0.47
179601-23-1	m-Xylene & p-Xylene	0.42	U	2.0	0.42
91-20-3	Naphthalene	0.80	U	1.0	0.80
104-51-8	n-Butylbenzene	0.60	U	1.0	0.60
103-65-1	n-Propylbenzene	0.57	U	1.0	0.57
95-47-6	o-Xylene	0.42	U	1.0	0.42
99-87-6	p-Isopropyltoluene	0.56	U	1.0	0.56
135-98-8	sec-Butylbenzene	0.53	U	1.0	0.53
100-42-5	Styrene	0.45	U	1.0	0.45
994-05-8	Tert-amyl-methyl ether (TAME)	0.43	U	5.0	0.43
75-65-0	tert-Butyl alcohol	7.2	U	40	7.2
98-06-6	tert-Butylbenzene	0.48	U	1.0	0.48
630-20-6	1,1,1,2-Tetrachloroethane	0.43	U	1.0	0.43
79-34-5	1,1,2,2-Tetrachloroethane	0.60	U	1.0	0.60
127-18-4	Tetrachloroethene	0.44	U	1.0	0.44
108-88-3	Toluene	0.44	U	1.0	0.44
156-60-5	trans-1,2-Dichloroethene	0.51	U	1.0	0.51
10061-02-6	trans-1,3-Dichloropropene	0.67	U	1.0	0.67
87-61-6	1,2,3-Trichlorobenzene	0.54	U	1.0	0.54
120-82-1	1,2,4-Trichlorobenzene	0.77	U	1.0	0.77
71-55-6	1,1,1-Trichloroethane	0.48	U	1.0	0.48
79-01-6	Trichloroethene	1.9		1.0	0.44
75-69-4	Trichlorofluoromethane	0.45	U	1.0	0.45
96-18-4	1,2,3-Trichloropropane	0.52	U	1.0	0.52
76-13-1	1,1,2-Trichloro-1,2,2-trichloroethane	0.41	U	1.0	0.41
526-73-8	1,2,3-Trimethylbenzene	0.31	U	5.0	0.31
95-63-6	1,2,4-Trimethylbenzene	0.52	U	1.0	0.52
108-05-4	Vinyl acetate	0.61	U	2.0	0.61
75-01-4	Vinyl chloride	0.72	J	1.0	0.45

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Client Sample ID: GSP-MW-04-042622 Lab Sample ID: 240-165585-2
 Matrix: Water Lab File ID: UX001599.D
 Analysis Method: 8260C Date Collected: 04/26/2022 09:16
 Sample wt/vol: 5 (mL) Date Analyzed: 04/28/2022 15:40
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 524313 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1330-20-7	Xylenes, Total	0.42	U	2.0	0.42

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	89		56-136
1868-53-7	Dibromofluoromethane (Surr)	100		73-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	89		62-137
2037-26-5	Toluene-d8 (Surr)	93		78-122

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Client Sample ID: GSP-MW-04-042622 Lab Sample ID: 240-165585-2
 Matrix: Water Lab File ID: UX001599.D
 Analysis Method: 8260C Date Collected: 04/26/2022 09:16
 Sample wt/vol: 5 (mL) Date Analyzed: 04/28/2022 15:40
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 524313 Units: ug/L
 Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

FORM I
 GC/MS VOA ORGANICS ANALYSIS DATA SHEET
 TARGETED TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Client Sample ID: GSP-MW-04-042622 Lab Sample ID: 240-165585-2
 Matrix: Water Lab File ID: UX001599.D
 Analysis Method: 8260C Date Collected: 04/26/2022 09:16
 Sample wt/vol: 5 (mL) Date Analyzed: 04/28/2022 15:40
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 524313 Units: ug/L

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
75-45-6	Chlorodifluoromethane TIC		1.0	U	

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Client Sample ID: GSP-DUP01-042622 Lab Sample ID: 240-165585-6
 Matrix: Water Lab File ID: UX001600.D
 Analysis Method: 8260C Date Collected: 04/26/2022 00:00
 Sample wt/vol: 5 (mL) Date Analyzed: 04/28/2022 16:04
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 524313 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	5.4	U	10	5.4
71-43-2	Benzene	0.42	U	1.0	0.42
108-86-1	Bromobenzene	0.50	U	1.0	0.50
74-97-5	Bromochloromethane	0.54	U	1.0	0.54
75-27-4	Bromodichloromethane	0.17	U	1.0	0.17
75-25-2	Bromoform	0.76	U	1.0	0.76
74-83-9	Bromomethane	0.42	U	1.0	0.42
78-93-3	2-Butanone	1.2	U	10	1.2
75-15-0	Carbon disulfide	0.59	U	1.0	0.59
56-23-5	Carbon tetrachloride	0.26	U	1.0	0.26
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
75-00-3	Chloroethane	0.83	U	1.0	0.83
110-75-8	2-Chloroethyl vinyl ether	1.5	U	10	1.5
67-66-3	Chloroform	0.47	U	1.0	0.47
74-87-3	Chloromethane	0.63	U	1.0	0.63
95-49-8	2-Chlorotoluene	0.57	U	1.0	0.57
106-43-4	4-Chlorotoluene	0.43	U	1.0	0.43
156-59-2	cis-1,2-Dichloroethene	2.7		1.0	0.46
10061-01-5	cis-1,3-Dichloropropene	0.61	U	1.0	0.61
124-48-1	Dibromochloromethane	0.39	U	1.0	0.39
96-12-8	1,2-Dibromo-3-Chloropropane	0.91	U	2.0	0.91
106-93-4	1,2-Dibromoethane	0.41	U	1.0	0.41
74-95-3	Dibromomethane	0.40	U	1.0	0.40
95-50-1	1,2-Dichlorobenzene	0.48	U	1.0	0.48
541-73-1	1,3-Dichlorobenzene	0.45	U	1.0	0.45
106-46-7	1,4-Dichlorobenzene	0.41	U	1.0	0.41
75-71-8	Dichlorodifluoromethane	0.35	U	1.0	0.35
75-34-3	1,1-Dichloroethane	0.47	U	1.0	0.47
107-06-2	1,2-Dichloroethane	0.21	U	1.0	0.21
75-35-4	1,1-Dichloroethene	0.49	U	1.0	0.49
78-87-5	1,2-Dichloropropane	0.47	U	1.0	0.47
142-28-9	1,3-Dichloropropane	0.21	U	1.0	0.21
594-20-7	2,2-Dichloropropane	0.78	U	1.0	0.78
563-58-6	1,1-Dichloropropene	0.36	U	1.0	0.36
108-20-3	Diisopropyl ether	0.17	U	10	0.17
100-41-4	Ethylbenzene	0.42	U	1.0	0.42

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Client Sample ID: GSP-DUP01-042622 Lab Sample ID: 240-165585-6
 Matrix: Water Lab File ID: UX001600.D
 Analysis Method: 8260C Date Collected: 04/26/2022 00:00
 Sample wt/vol: 5 (mL) Date Analyzed: 04/28/2022 16:04
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 524313 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
637-92-3	Ethyl tert-Butyl Ether (ETBE)	0.40	U	5.0	0.40
87-68-3	Hexachlorobutadiene	0.83	U	1.0	0.83
591-78-6	2-Hexanone	1.1	U	10	1.1
98-82-8	Isopropylbenzene	0.49	U	1.0	0.49
75-09-2	Methylene Chloride	2.6	U	5.0	2.6
108-10-1	4-Methyl-2-pentanone	0.99	U	10	0.99
1634-04-4	Methyl-tert-butyl Ether (MTBE)	0.47	U	1.0	0.47
179601-23-1	m-Xylene & p-Xylene	0.42	U	2.0	0.42
91-20-3	Naphthalene	0.80	U	1.0	0.80
104-51-8	n-Butylbenzene	0.60	U	1.0	0.60
103-65-1	n-Propylbenzene	0.57	U	1.0	0.57
95-47-6	o-Xylene	0.42	U	1.0	0.42
99-87-6	p-Isopropyltoluene	0.56	U	1.0	0.56
135-98-8	sec-Butylbenzene	0.53	U	1.0	0.53
100-42-5	Styrene	0.45	U	1.0	0.45
994-05-8	Tert-amyl-methyl ether (TAME)	0.43	U	5.0	0.43
75-65-0	tert-Butyl alcohol	7.2	U	40	7.2
98-06-6	tert-Butylbenzene	0.48	U	1.0	0.48
630-20-6	1,1,1,2-Tetrachloroethane	0.43	U	1.0	0.43
79-34-5	1,1,2,2-Tetrachloroethane	0.60	U	1.0	0.60
127-18-4	Tetrachloroethene	0.44	U	1.0	0.44
108-88-3	Toluene	0.44	U	1.0	0.44
156-60-5	trans-1,2-Dichloroethene	0.51	U	1.0	0.51
10061-02-6	trans-1,3-Dichloropropene	0.67	U	1.0	0.67
87-61-6	1,2,3-Trichlorobenzene	0.54	U	1.0	0.54
120-82-1	1,2,4-Trichlorobenzene	0.77	U	1.0	0.77
71-55-6	1,1,1-Trichloroethane	0.48	U	1.0	0.48
79-01-6	Trichloroethene	2.0		1.0	0.44
75-69-4	Trichlorofluoromethane	0.45	U	1.0	0.45
96-18-4	1,2,3-Trichloropropane	0.52	U	1.0	0.52
76-13-1	1,1,2-Trichloro-1,2,2-trichloroethane	0.41	U	1.0	0.41
526-73-8	1,2,3-Trimethylbenzene	0.31	U	5.0	0.31
95-63-6	1,2,4-Trimethylbenzene	0.52	U	1.0	0.52
108-05-4	Vinyl acetate	0.61	U	2.0	0.61
75-01-4	Vinyl chloride	0.79	J	1.0	0.45

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Client Sample ID: GSP-DUP01-042622 Lab Sample ID: 240-165585-6
 Matrix: Water Lab File ID: UX001600.D
 Analysis Method: 8260C Date Collected: 04/26/2022 00:00
 Sample wt/vol: 5 (mL) Date Analyzed: 04/28/2022 16:04
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 524313 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1330-20-7	Xylenes, Total	0.42	U	2.0	0.42

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	91		56-136
1868-53-7	Dibromofluoromethane (Surr)	102		73-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		62-137
2037-26-5	Toluene-d8 (Surr)	95		78-122

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Client Sample ID: GSP-DUP01-042622 Lab Sample ID: 240-165585-6
 Matrix: Water Lab File ID: UX001600.D
 Analysis Method: 8260C Date Collected: 04/26/2022 00:00
 Sample wt/vol: 5 (mL) Date Analyzed: 04/28/2022 16:04
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 524313 Units: ug/L
 Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TARGETED TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Client Sample ID: GSP-DUP01-042622 Lab Sample ID: 240-165585-6
 Matrix: Water Lab File ID: UX001600.D
 Analysis Method: 8260C Date Collected: 04/26/2022 00:00
 Sample wt/vol: 5 (mL) Date Analyzed: 04/28/2022 16:04
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 524313 Units: ug/L

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
75-45-6	Chlorodifluoromethane TIC		1.0	U	

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Client Sample ID: TB-042722 Lab Sample ID: 240-165675-1
 Matrix: Water Lab File ID: UX001618.D
 Analysis Method: 8260C Date Collected: 04/27/2022 00:00
 Sample wt/vol: 5 (mL) Date Analyzed: 04/29/2022 13:56
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 524475 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	5.4	U	10	5.4
71-43-2	Benzene	0.42	U	1.0	0.42
108-86-1	Bromobenzene	0.50	U	1.0	0.50
74-97-5	Bromochloromethane	0.54	U	1.0	0.54
75-27-4	Bromodichloromethane	0.17	U	1.0	0.17
75-25-2	Bromoform	0.76	U	1.0	0.76
74-83-9	Bromomethane	0.42	U	1.0	0.42
78-93-3	2-Butanone	1.2	U	10	1.2
75-15-0	Carbon disulfide	0.59	U	1.0	0.59
56-23-5	Carbon tetrachloride	0.26	U	1.0	0.26
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
75-00-3	Chloroethane	0.83	U	1.0	0.83
110-75-8	2-Chloroethyl vinyl ether	1.5	U	10	1.5
67-66-3	Chloroform	0.47	U	1.0	0.47
74-87-3	Chloromethane	0.63	U	1.0	0.63
95-49-8	2-Chlorotoluene	0.57	U	1.0	0.57
106-43-4	4-Chlorotoluene	0.43	U	1.0	0.43
156-59-2	cis-1,2-Dichloroethene	0.46	U	1.0	0.46
10061-01-5	cis-1,3-Dichloropropene	0.61	U	1.0	0.61
124-48-1	Dibromochloromethane	0.39	U	1.0	0.39
96-12-8	1,2-Dibromo-3-Chloropropane	0.91	U	2.0	0.91
106-93-4	1,2-Dibromoethane	0.41	U	1.0	0.41
74-95-3	Dibromomethane	0.40	U	1.0	0.40
95-50-1	1,2-Dichlorobenzene	0.48	U	1.0	0.48
541-73-1	1,3-Dichlorobenzene	0.45	U	1.0	0.45
106-46-7	1,4-Dichlorobenzene	0.41	U	1.0	0.41
75-71-8	Dichlorodifluoromethane	0.35	U	1.0	0.35
75-34-3	1,1-Dichloroethane	0.47	U	1.0	0.47
107-06-2	1,2-Dichloroethane	0.21	U	1.0	0.21
75-35-4	1,1-Dichloroethene	0.49	U	1.0	0.49
78-87-5	1,2-Dichloropropane	0.47	U	1.0	0.47
142-28-9	1,3-Dichloropropane	0.21	U	1.0	0.21
594-20-7	2,2-Dichloropropane	0.78	U	1.0	0.78
563-58-6	1,1-Dichloropropene	0.36	U	1.0	0.36
108-20-3	Diisopropyl ether	0.17	U	10	0.17
100-41-4	Ethylbenzene	0.42	U	1.0	0.42

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Client Sample ID: TB-042722 Lab Sample ID: 240-165675-1
 Matrix: Water Lab File ID: UX001618.D
 Analysis Method: 8260C Date Collected: 04/27/2022 00:00
 Sample wt/vol: 5 (mL) Date Analyzed: 04/29/2022 13:56
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 524475 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
637-92-3	Ethyl tert-Butyl Ether (ETBE)	0.40	U	5.0	0.40
87-68-3	Hexachlorobutadiene	0.83	U	1.0	0.83
591-78-6	2-Hexanone	1.1	U	10	1.1
98-82-8	Isopropylbenzene	0.49	U	1.0	0.49
75-09-2	Methylene Chloride	2.6	U	5.0	2.6
108-10-1	4-Methyl-2-pentanone	0.99	U	10	0.99
1634-04-4	Methyl-tert-butyl Ether (MTBE)	0.47	U	1.0	0.47
179601-23-1	m-Xylene & p-Xylene	0.42	U	2.0	0.42
91-20-3	Naphthalene	0.80	U	1.0	0.80
104-51-8	n-Butylbenzene	0.60	U	1.0	0.60
103-65-1	n-Propylbenzene	0.57	U	1.0	0.57
95-47-6	o-Xylene	0.42	U	1.0	0.42
99-87-6	p-Isopropyltoluene	0.56	U	1.0	0.56
135-98-8	sec-Butylbenzene	0.53	U	1.0	0.53
100-42-5	Styrene	0.45	U	1.0	0.45
994-05-8	Tert-amyl-methyl ether (TAME)	0.43	U	5.0	0.43
75-65-0	tert-Butyl alcohol	7.2	U	40	7.2
98-06-6	tert-Butylbenzene	0.48	U	1.0	0.48
630-20-6	1,1,1,2-Tetrachloroethane	0.43	U	1.0	0.43
79-34-5	1,1,2,2-Tetrachloroethane	0.60	U	1.0	0.60
127-18-4	Tetrachloroethene	0.44	U	1.0	0.44
108-88-3	Toluene	0.44	U	1.0	0.44
156-60-5	trans-1,2-Dichloroethene	0.51	U	1.0	0.51
10061-02-6	trans-1,3-Dichloropropene	0.67	U	1.0	0.67
87-61-6	1,2,3-Trichlorobenzene	0.54	U	1.0	0.54
120-82-1	1,2,4-Trichlorobenzene	0.77	U	1.0	0.77
71-55-6	1,1,1-Trichloroethane	0.48	U	1.0	0.48
79-01-6	Trichloroethene	0.44	U	1.0	0.44
75-69-4	Trichlorofluoromethane	0.45	U	1.0	0.45
96-18-4	1,2,3-Trichloropropane	0.52	U	1.0	0.52
76-13-1	1,1,2-Trichloro-1,2,2-trichloroethane	0.41	U	1.0	0.41
526-73-8	1,2,3-Trimethylbenzene	0.31	U	5.0	0.31
95-63-6	1,2,4-Trimethylbenzene	0.52	U	1.0	0.52
108-05-4	Vinyl acetate	0.61	U	2.0	0.61
75-01-4	Vinyl chloride	0.45	U	1.0	0.45

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Client Sample ID: TB-042722 Lab Sample ID: 240-165675-1
 Matrix: Water Lab File ID: UX001618.D
 Analysis Method: 8260C Date Collected: 04/27/2022 00:00
 Sample wt/vol: 5 (mL) Date Analyzed: 04/29/2022 13:56
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 524475 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1330-20-7	Xylenes, Total	0.42	U	2.0	0.42

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	88		56-136
1868-53-7	Dibromofluoromethane (Surr)	99		73-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	90		62-137
2037-26-5	Toluene-d8 (Surr)	90		78-122

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Client Sample ID: TB-042722 Lab Sample ID: 240-165675-1
 Matrix: Water Lab File ID: UX001618.D
 Analysis Method: 8260C Date Collected: 04/27/2022 00:00
 Sample wt/vol: 5 (mL) Date Analyzed: 04/29/2022 13:56
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 524475 Units: ug/L
 Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TARGETED TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Client Sample ID: TB-042722 Lab Sample ID: 240-165675-1
 Matrix: Water Lab File ID: UX001618.D
 Analysis Method: 8260C Date Collected: 04/27/2022 00:00
 Sample wt/vol: 5 (mL) Date Analyzed: 04/29/2022 13:56
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 524475 Units: ug/L

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
75-45-6	Chlorodifluoromethane TIC		1.0	U	

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Client Sample ID: GSP-MW-23I-042722 Lab Sample ID: 240-165675-2
 Matrix: Water Lab File ID: UX001619.D
 Analysis Method: 8260C Date Collected: 04/27/2022 09:59
 Sample wt/vol: 5(mL) Date Analyzed: 04/29/2022 14:20
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 524475 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	5.4	U	10	5.4
71-43-2	Benzene	0.82	J	1.0	0.42
108-86-1	Bromobenzene	0.50	U	1.0	0.50
74-97-5	Bromochloromethane	0.54	U	1.0	0.54
75-27-4	Bromodichloromethane	0.17	U	1.0	0.17
75-25-2	Bromoform	0.76	U	1.0	0.76
74-83-9	Bromomethane	0.42	U	1.0	0.42
78-93-3	2-Butanone	1.2	U	10	1.2
75-15-0	Carbon disulfide	0.59	U	1.0	0.59
56-23-5	Carbon tetrachloride	0.26	U	1.0	0.26
108-90-7	Chlorobenzene	0.43	J	1.0	0.38
75-00-3	Chloroethane	0.83	U	1.0	0.83
110-75-8	2-Chloroethyl vinyl ether	1.5	U F1	10	1.5
67-66-3	Chloroform	0.47	U	1.0	0.47
74-87-3	Chloromethane	0.63	U	1.0	0.63
95-49-8	2-Chlorotoluene	0.57	U	1.0	0.57
106-43-4	4-Chlorotoluene	0.43	U	1.0	0.43
156-59-2	cis-1,2-Dichloroethene	4.2		1.0	0.46
10061-01-5	cis-1,3-Dichloropropene	0.61	U	1.0	0.61
124-48-1	Dibromochloromethane	0.39	U	1.0	0.39
96-12-8	1,2-Dibromo-3-Chloropropane	0.91	U	2.0	0.91
106-93-4	1,2-Dibromoethane	0.41	U	1.0	0.41
74-95-3	Dibromomethane	0.40	U	1.0	0.40
95-50-1	1,2-Dichlorobenzene	0.48	U	1.0	0.48
541-73-1	1,3-Dichlorobenzene	0.45	U	1.0	0.45
106-46-7	1,4-Dichlorobenzene	0.41	U	1.0	0.41
75-71-8	Dichlorodifluoromethane	0.35	U	1.0	0.35
75-34-3	1,1-Dichloroethane	0.47	U	1.0	0.47
107-06-2	1,2-Dichloroethane	0.21	U	1.0	0.21
75-35-4	1,1-Dichloroethene	0.49	U	1.0	0.49
78-87-5	1,2-Dichloropropane	0.47	U	1.0	0.47
142-28-9	1,3-Dichloropropane	0.21	U	1.0	0.21
594-20-7	2,2-Dichloropropane	0.78	U	1.0	0.78
563-58-6	1,1-Dichloropropene	0.36	U	1.0	0.36
108-20-3	Diisopropyl ether	0.17	U	10	0.17
100-41-4	Ethylbenzene	0.42	U	1.0	0.42

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Client Sample ID: GSP-MW-23I-042722 Lab Sample ID: 240-165675-2
 Matrix: Water Lab File ID: UX001619.D
 Analysis Method: 8260C Date Collected: 04/27/2022 09:59
 Sample wt/vol: 5 (mL) Date Analyzed: 04/29/2022 14:20
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 524475 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
637-92-3	Ethyl tert-Butyl Ether (ETBE)	0.40	U	5.0	0.40
87-68-3	Hexachlorobutadiene	0.83	U	1.0	0.83
591-78-6	2-Hexanone	1.1	U	10	1.1
98-82-8	Isopropylbenzene	0.49	U	1.0	0.49
75-09-2	Methylene Chloride	2.6	U	5.0	2.6
108-10-1	4-Methyl-2-pentanone	0.99	U	10	0.99
1634-04-4	Methyl-tert-butyl Ether (MTBE)	0.47	U	1.0	0.47
179601-23-1	m-Xylene & p-Xylene	0.42	U	2.0	0.42
91-20-3	Naphthalene	0.80	U	1.0	0.80
104-51-8	n-Butylbenzene	0.60	U	1.0	0.60
103-65-1	n-Propylbenzene	0.57	U	1.0	0.57
95-47-6	o-Xylene	0.42	U	1.0	0.42
99-87-6	p-Isopropyltoluene	0.56	U	1.0	0.56
135-98-8	sec-Butylbenzene	0.53	U	1.0	0.53
100-42-5	Styrene	0.45	U	1.0	0.45
994-05-8	Tert-amyl-methyl ether (TAME)	0.43	U	5.0	0.43
75-65-0	tert-Butyl alcohol	7.2	U	40	7.2
98-06-6	tert-Butylbenzene	0.48	U	1.0	0.48
630-20-6	1,1,1,2-Tetrachloroethane	0.43	U	1.0	0.43
79-34-5	1,1,2,2-Tetrachloroethane	0.60	U	1.0	0.60
127-18-4	Tetrachloroethene	0.44	U	1.0	0.44
108-88-3	Toluene	0.44	U	1.0	0.44
156-60-5	trans-1,2-Dichloroethene	0.51	U	1.0	0.51
10061-02-6	trans-1,3-Dichloropropene	0.67	U	1.0	0.67
87-61-6	1,2,3-Trichlorobenzene	0.54	U	1.0	0.54
120-82-1	1,2,4-Trichlorobenzene	0.77	U	1.0	0.77
71-55-6	1,1,1-Trichloroethane	0.48	U	1.0	0.48
75-69-4	Trichlorofluoromethane	0.45	U	1.0	0.45
96-18-4	1,2,3-Trichloropropane	0.52	U	1.0	0.52
76-13-1	1,1,2-Trichloro-1,2,2-trichloroethane	0.41	U	1.0	0.41
526-73-8	1,2,3-Trimethylbenzene	0.31	U	5.0	0.31
95-63-6	1,2,4-Trimethylbenzene	0.52	U	1.0	0.52
108-05-4	Vinyl acetate	0.61	U	2.0	0.61
75-01-4	Vinyl chloride	0.45	U	1.0	0.45
1330-20-7	Xylenes, Total	0.42	U	2.0	0.42

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Client Sample ID: GSP-MW-23I-042722 Lab Sample ID: 240-165675-2
 Matrix: Water Lab File ID: UX001619.D
 Analysis Method: 8260C Date Collected: 04/27/2022 09:59
 Sample wt/vol: 5 (mL) Date Analyzed: 04/29/2022 14:20
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 524475 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	87		56-136
1868-53-7	Dibromofluoromethane (Surr)	95		73-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	88		62-137
2037-26-5	Toluene-d8 (Surr)	88		78-122

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Client Sample ID: GSP-MW-23I-042722 Lab Sample ID: 240-165675-2
 Matrix: Water Lab File ID: UX001619.D
 Analysis Method: 8260C Date Collected: 04/27/2022 09:59
 Sample wt/vol: 5 (mL) Date Analyzed: 04/29/2022 14:20
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 524475 Units: ug/L
 Number TICs Found: 2 TIC Result Total: 10.4

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
593-60-2	Ethene, bromo-	2.32	4.4	T J N	86%
540-49-8	Ethene, 1,2-dibromo-	7.34	6.0	T J N	95%

FORM I
 GC/MS VOA ORGANICS ANALYSIS DATA SHEET
 TARGETED TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Client Sample ID: GSP-MW-23I-042722 Lab Sample ID: 240-165675-2
 Matrix: Water Lab File ID: UX001619.D
 Analysis Method: 8260C Date Collected: 04/27/2022 09:59
 Sample wt/vol: 5 (mL) Date Analyzed: 04/29/2022 14:20
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 524475 Units: ug/L

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
75-45-6	Chlorodifluoromethane TIC		1.0	U	

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Client Sample ID: GSP-MW-23I-042722 Lab Sample ID: 240-165675-2
 Matrix: Water Lab File ID: UX001646.D
 Analysis Method: 8260C Date Collected: 04/27/2022 09:59
 Sample wt/vol: 5 (mL) Date Analyzed: 05/02/2022 12:34
 Soil Aliquot Vol: _____ Dilution Factor: 2
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 524633 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	91		2.0	0.88

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	95		56-136
1868-53-7	Dibromofluoromethane (Surr)	104		73-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		62-137
2037-26-5	Toluene-d8 (Surr)	95		78-122

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Client Sample ID: GSP-MW-23I-042722 Lab Sample ID: 240-165675-2
 Matrix: Water Lab File ID: UX001646.D
 Analysis Method: 8260C Date Collected: 04/27/2022 09:59
 Sample wt/vol: 5 (mL) Date Analyzed: 05/02/2022 12:34
 Soil Aliquot Vol: _____ Dilution Factor: 2
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 524633 Units: ug/L
 Number TICs Found: 2 TIC Result Total: 11

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
593-60-2	Ethene, bromo-	2.33	5.1	T J N	86%
540-49-8	Ethene, 1,2-dibromo-	7.34	5.9	T J N	95%

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Client Sample ID: GSP-MW-07-042722 Lab Sample ID: 240-165675-3
 Matrix: Water Lab File ID: UX001622.D
 Analysis Method: 8260C Date Collected: 04/27/2022 11:54
 Sample wt/vol: 5 (mL) Date Analyzed: 04/29/2022 15:33
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 524475 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	5.4	U	10	5.4
71-43-2	Benzene	0.42	U	1.0	0.42
108-86-1	Bromobenzene	0.50	U	1.0	0.50
74-97-5	Bromochloromethane	0.54	U	1.0	0.54
75-27-4	Bromodichloromethane	0.17	U	1.0	0.17
75-25-2	Bromoform	0.76	U	1.0	0.76
74-83-9	Bromomethane	0.42	U	1.0	0.42
78-93-3	2-Butanone	1.2	U	10	1.2
75-15-0	Carbon disulfide	0.59	U	1.0	0.59
56-23-5	Carbon tetrachloride	0.26	U	1.0	0.26
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
75-00-3	Chloroethane	0.83	U	1.0	0.83
110-75-8	2-Chloroethyl vinyl ether	1.5	U	10	1.5
67-66-3	Chloroform	0.47	U	1.0	0.47
74-87-3	Chloromethane	0.63	U	1.0	0.63
95-49-8	2-Chlorotoluene	0.57	U	1.0	0.57
106-43-4	4-Chlorotoluene	0.43	U	1.0	0.43
156-59-2	cis-1,2-Dichloroethene	2.0		1.0	0.46
10061-01-5	cis-1,3-Dichloropropene	0.61	U	1.0	0.61
124-48-1	Dibromochloromethane	0.39	U	1.0	0.39
96-12-8	1,2-Dibromo-3-Chloropropane	0.91	U	2.0	0.91
106-93-4	1,2-Dibromoethane	0.41	U	1.0	0.41
74-95-3	Dibromomethane	0.40	U	1.0	0.40
95-50-1	1,2-Dichlorobenzene	0.48	U	1.0	0.48
541-73-1	1,3-Dichlorobenzene	0.45	U	1.0	0.45
106-46-7	1,4-Dichlorobenzene	0.41	U	1.0	0.41
75-71-8	Dichlorodifluoromethane	0.35	U	1.0	0.35
75-34-3	1,1-Dichloroethane	0.47	U	1.0	0.47
107-06-2	1,2-Dichloroethane	0.21	U	1.0	0.21
75-35-4	1,1-Dichloroethene	0.49	U	1.0	0.49
78-87-5	1,2-Dichloropropane	0.47	U	1.0	0.47
142-28-9	1,3-Dichloropropane	0.21	U	1.0	0.21
594-20-7	2,2-Dichloropropane	0.78	U	1.0	0.78
563-58-6	1,1-Dichloropropene	0.36	U	1.0	0.36
108-20-3	Diisopropyl ether	0.17	U	10	0.17
100-41-4	Ethylbenzene	0.42	U	1.0	0.42

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Client Sample ID: GSP-MW-07-042722 Lab Sample ID: 240-165675-3
 Matrix: Water Lab File ID: UX001622.D
 Analysis Method: 8260C Date Collected: 04/27/2022 11:54
 Sample wt/vol: 5 (mL) Date Analyzed: 04/29/2022 15:33
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 524475 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
637-92-3	Ethyl tert-Butyl Ether (ETBE)	0.40	U	5.0	0.40
87-68-3	Hexachlorobutadiene	0.83	U	1.0	0.83
591-78-6	2-Hexanone	1.1	U	10	1.1
98-82-8	Isopropylbenzene	0.49	U	1.0	0.49
75-09-2	Methylene Chloride	2.6	U	5.0	2.6
108-10-1	4-Methyl-2-pentanone	0.99	U	10	0.99
1634-04-4	Methyl-tert-butyl Ether (MTBE)	0.47	U	1.0	0.47
179601-23-1	m-Xylene & p-Xylene	0.42	U	2.0	0.42
91-20-3	Naphthalene	0.80	U	1.0	0.80
104-51-8	n-Butylbenzene	0.60	U	1.0	0.60
103-65-1	n-Propylbenzene	0.57	U	1.0	0.57
95-47-6	o-Xylene	0.42	U	1.0	0.42
99-87-6	p-Isopropyltoluene	0.56	U	1.0	0.56
135-98-8	sec-Butylbenzene	0.53	U	1.0	0.53
100-42-5	Styrene	0.45	U	1.0	0.45
994-05-8	Tert-amyl-methyl ether (TAME)	0.43	U	5.0	0.43
75-65-0	tert-Butyl alcohol	7.2	U	40	7.2
98-06-6	tert-Butylbenzene	0.48	U	1.0	0.48
630-20-6	1,1,1,2-Tetrachloroethane	0.43	U	1.0	0.43
79-34-5	1,1,2,2-Tetrachloroethane	0.60	U	1.0	0.60
127-18-4	Tetrachloroethene	0.44	U	1.0	0.44
108-88-3	Toluene	0.44	U	1.0	0.44
156-60-5	trans-1,2-Dichloroethene	0.51	U	1.0	0.51
10061-02-6	trans-1,3-Dichloropropene	0.67	U	1.0	0.67
87-61-6	1,2,3-Trichlorobenzene	0.54	U	1.0	0.54
120-82-1	1,2,4-Trichlorobenzene	0.77	U	1.0	0.77
71-55-6	1,1,1-Trichloroethane	0.48	U	1.0	0.48
79-01-6	Trichloroethene	41		1.0	0.44
75-69-4	Trichlorofluoromethane	0.45	U	1.0	0.45
96-18-4	1,2,3-Trichloropropane	0.52	U	1.0	0.52
76-13-1	1,1,2-Trichloro-1,2,2-trichloroethane	0.41	U	1.0	0.41
526-73-8	1,2,3-Trimethylbenzene	0.31	U	5.0	0.31
95-63-6	1,2,4-Trimethylbenzene	0.52	U	1.0	0.52
108-05-4	Vinyl acetate	0.61	U	2.0	0.61
75-01-4	Vinyl chloride	0.45	U	1.0	0.45

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Client Sample ID: GSP-MW-07-042722 Lab Sample ID: 240-165675-3
 Matrix: Water Lab File ID: UX001622.D
 Analysis Method: 8260C Date Collected: 04/27/2022 11:54
 Sample wt/vol: 5 (mL) Date Analyzed: 04/29/2022 15:33
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 524475 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1330-20-7	Xylenes, Total	0.42	U	2.0	0.42

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	90		56-136
1868-53-7	Dibromofluoromethane (Surr)	99		73-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		62-137
2037-26-5	Toluene-d8 (Surr)	90		78-122

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Client Sample ID: GSP-MW-07-042722 Lab Sample ID: 240-165675-3
 Matrix: Water Lab File ID: UX001622.D
 Analysis Method: 8260C Date Collected: 04/27/2022 11:54
 Sample wt/vol: 5 (mL) Date Analyzed: 04/29/2022 15:33
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 524475 Units: ug/L
 Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TARGETED TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Client Sample ID: GSP-MW-07-042722 Lab Sample ID: 240-165675-3
 Matrix: Water Lab File ID: UX001622.D
 Analysis Method: 8260C Date Collected: 04/27/2022 11:54
 Sample wt/vol: 5 (mL) Date Analyzed: 04/29/2022 15:33
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 524475 Units: ug/L

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
75-45-6	Chlorodifluoromethane TIC		1.0	U	

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Client Sample ID: GSP-MW-13-042722 Lab Sample ID: 240-165675-4
 Matrix: Water Lab File ID: UX001623.D
 Analysis Method: 8260C Date Collected: 04/27/2022 13:52
 Sample wt/vol: 5 (mL) Date Analyzed: 04/29/2022 15:58
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 524475 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	5.4	U	10	5.4
71-43-2	Benzene	0.42	U	1.0	0.42
108-86-1	Bromobenzene	0.50	U	1.0	0.50
74-97-5	Bromochloromethane	0.54	U	1.0	0.54
75-27-4	Bromodichloromethane	0.17	U	1.0	0.17
75-25-2	Bromoform	0.76	U	1.0	0.76
74-83-9	Bromomethane	0.42	U	1.0	0.42
78-93-3	2-Butanone	1.2	U	10	1.2
75-15-0	Carbon disulfide	0.59	U	1.0	0.59
56-23-5	Carbon tetrachloride	0.26	U	1.0	0.26
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
75-00-3	Chloroethane	0.83	U	1.0	0.83
110-75-8	2-Chloroethyl vinyl ether	1.5	U	10	1.5
67-66-3	Chloroform	0.47	U	1.0	0.47
74-87-3	Chloromethane	0.63	U	1.0	0.63
95-49-8	2-Chlorotoluene	0.57	U	1.0	0.57
106-43-4	4-Chlorotoluene	0.43	U	1.0	0.43
156-59-2	cis-1,2-Dichloroethene	0.46	U	1.0	0.46
10061-01-5	cis-1,3-Dichloropropene	0.61	U	1.0	0.61
124-48-1	Dibromochloromethane	0.39	U	1.0	0.39
96-12-8	1,2-Dibromo-3-Chloropropane	0.91	U	2.0	0.91
106-93-4	1,2-Dibromoethane	0.41	U	1.0	0.41
74-95-3	Dibromomethane	0.40	U	1.0	0.40
95-50-1	1,2-Dichlorobenzene	0.48	U	1.0	0.48
541-73-1	1,3-Dichlorobenzene	0.45	U	1.0	0.45
106-46-7	1,4-Dichlorobenzene	0.41	U	1.0	0.41
75-71-8	Dichlorodifluoromethane	0.35	U	1.0	0.35
75-34-3	1,1-Dichloroethane	0.47	U	1.0	0.47
107-06-2	1,2-Dichloroethane	0.21	U	1.0	0.21
75-35-4	1,1-Dichloroethene	0.49	U	1.0	0.49
78-87-5	1,2-Dichloropropane	0.47	U	1.0	0.47
142-28-9	1,3-Dichloropropane	0.21	U	1.0	0.21
594-20-7	2,2-Dichloropropane	0.78	U	1.0	0.78
563-58-6	1,1-Dichloropropene	0.36	U	1.0	0.36
108-20-3	Diisopropyl ether	0.17	U	10	0.17
100-41-4	Ethylbenzene	0.42	U	1.0	0.42

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Client Sample ID: GSP-MW-13-042722 Lab Sample ID: 240-165675-4
 Matrix: Water Lab File ID: UX001623.D
 Analysis Method: 8260C Date Collected: 04/27/2022 13:52
 Sample wt/vol: 5 (mL) Date Analyzed: 04/29/2022 15:58
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 524475 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
637-92-3	Ethyl tert-Butyl Ether (ETBE)	0.40	U	5.0	0.40
87-68-3	Hexachlorobutadiene	0.83	U	1.0	0.83
591-78-6	2-Hexanone	1.1	U	10	1.1
98-82-8	Isopropylbenzene	0.49	U	1.0	0.49
75-09-2	Methylene Chloride	2.6	U	5.0	2.6
108-10-1	4-Methyl-2-pentanone	0.99	U	10	0.99
1634-04-4	Methyl-tert-butyl Ether (MTBE)	0.47	U	1.0	0.47
179601-23-1	m-Xylene & p-Xylene	0.42	U	2.0	0.42
91-20-3	Naphthalene	0.80	U	1.0	0.80
104-51-8	n-Butylbenzene	0.60	U	1.0	0.60
103-65-1	n-Propylbenzene	0.57	U	1.0	0.57
95-47-6	o-Xylene	0.42	U	1.0	0.42
99-87-6	p-Isopropyltoluene	0.56	U	1.0	0.56
135-98-8	sec-Butylbenzene	0.53	U	1.0	0.53
100-42-5	Styrene	0.45	U	1.0	0.45
994-05-8	Tert-amyl-methyl ether (TAME)	0.43	U	5.0	0.43
75-65-0	tert-Butyl alcohol	7.2	U	40	7.2
98-06-6	tert-Butylbenzene	0.48	U	1.0	0.48
630-20-6	1,1,1,2-Tetrachloroethane	0.43	U	1.0	0.43
79-34-5	1,1,2,2-Tetrachloroethane	0.60	U	1.0	0.60
127-18-4	Tetrachloroethene	0.44	U	1.0	0.44
108-88-3	Toluene	0.44	U	1.0	0.44
156-60-5	trans-1,2-Dichloroethene	0.51	U	1.0	0.51
10061-02-6	trans-1,3-Dichloropropene	0.67	U	1.0	0.67
87-61-6	1,2,3-Trichlorobenzene	0.54	U	1.0	0.54
120-82-1	1,2,4-Trichlorobenzene	0.77	U	1.0	0.77
71-55-6	1,1,1-Trichloroethane	0.48	U	1.0	0.48
79-01-6	Trichloroethene	0.44	U	1.0	0.44
75-69-4	Trichlorofluoromethane	0.45	U	1.0	0.45
96-18-4	1,2,3-Trichloropropane	0.52	U	1.0	0.52
76-13-1	1,1,2-Trichloro-1,2,2-trichloroethane	0.41	U	1.0	0.41
526-73-8	1,2,3-Trimethylbenzene	0.31	U	5.0	0.31
95-63-6	1,2,4-Trimethylbenzene	0.52	U	1.0	0.52
108-05-4	Vinyl acetate	0.61	U	2.0	0.61
75-01-4	Vinyl chloride	0.45	U	1.0	0.45

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Client Sample ID: GSP-MW-13-042722 Lab Sample ID: 240-165675-4
 Matrix: Water Lab File ID: UX001623.D
 Analysis Method: 8260C Date Collected: 04/27/2022 13:52
 Sample wt/vol: 5 (mL) Date Analyzed: 04/29/2022 15:58
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 524475 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1330-20-7	Xylenes, Total	0.42	U	2.0	0.42

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	89		56-136
1868-53-7	Dibromofluoromethane (Surr)	100		73-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		62-137
2037-26-5	Toluene-d8 (Surr)	91		78-122

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Client Sample ID: GSP-MW-13-042722 Lab Sample ID: 240-165675-4
 Matrix: Water Lab File ID: UX001623.D
 Analysis Method: 8260C Date Collected: 04/27/2022 13:52
 Sample wt/vol: 5 (mL) Date Analyzed: 04/29/2022 15:58
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 524475 Units: ug/L
 Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

FORM I
 GC/MS VOA ORGANICS ANALYSIS DATA SHEET
 TARGETED TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Client Sample ID: GSP-MW-13-042722 Lab Sample ID: 240-165675-4
 Matrix: Water Lab File ID: UX001623.D
 Analysis Method: 8260C Date Collected: 04/27/2022 13:52
 Sample wt/vol: 5 (mL) Date Analyzed: 04/29/2022 15:58
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 524475 Units: ug/L

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
75-45-6	Chlorodifluoromethane TIC		1.0	U	

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Client Sample ID: TB-042822 Lab Sample ID: 240-165824-1
 Matrix: Water Lab File ID: u1290474.D
 Analysis Method: 8260C Date Collected: 04/28/2022 00:00
 Sample wt/vol: 5 (mL) Date Analyzed: 05/09/2022 13:02
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 525559 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	5.4	U	10	5.4
71-43-2	Benzene	0.42	U	1.0	0.42
108-86-1	Bromobenzene	0.50	U	1.0	0.50
74-97-5	Bromochloromethane	0.54	U	1.0	0.54
75-27-4	Bromodichloromethane	0.17	U	1.0	0.17
75-25-2	Bromoform	0.76	U	1.0	0.76
74-83-9	Bromomethane	0.42	U	1.0	0.42
78-93-3	2-Butanone	1.2	U	10	1.2
75-15-0	Carbon disulfide	0.59	U	1.0	0.59
56-23-5	Carbon tetrachloride	0.26	U	1.0	0.26
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
75-00-3	Chloroethane	0.83	U	1.0	0.83
110-75-8	2-Chloroethyl vinyl ether	1.5	U	10	1.5
67-66-3	Chloroform	0.47	U	1.0	0.47
74-87-3	Chloromethane	0.63	U	1.0	0.63
95-49-8	2-Chlorotoluene	0.57	U	1.0	0.57
106-43-4	4-Chlorotoluene	0.43	U	1.0	0.43
156-59-2	cis-1,2-Dichloroethene	0.46	U	1.0	0.46
10061-01-5	cis-1,3-Dichloropropene	0.61	U	1.0	0.61
124-48-1	Dibromochloromethane	0.39	U	1.0	0.39
96-12-8	1,2-Dibromo-3-Chloropropane	0.91	U	2.0	0.91
106-93-4	1,2-Dibromoethane	0.41	U	1.0	0.41
74-95-3	Dibromomethane	0.40	U	1.0	0.40
95-50-1	1,2-Dichlorobenzene	0.48	U	1.0	0.48
541-73-1	1,3-Dichlorobenzene	0.45	U	1.0	0.45
106-46-7	1,4-Dichlorobenzene	0.41	U	1.0	0.41
75-71-8	Dichlorodifluoromethane	0.35	U	1.0	0.35
75-34-3	1,1-Dichloroethane	0.47	U	1.0	0.47
107-06-2	1,2-Dichloroethane	0.21	U	1.0	0.21
75-35-4	1,1-Dichloroethene	0.49	U	1.0	0.49
78-87-5	1,2-Dichloropropane	0.47	U	1.0	0.47
142-28-9	1,3-Dichloropropane	0.21	U	1.0	0.21
594-20-7	2,2-Dichloropropane	0.78	U	1.0	0.78
563-58-6	1,1-Dichloropropene	0.36	U	1.0	0.36
108-20-3	Diisopropyl ether	0.17	U	10	0.17
100-41-4	Ethylbenzene	0.42	U	1.0	0.42

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Client Sample ID: TB-042822 Lab Sample ID: 240-165824-1
 Matrix: Water Lab File ID: u1290474.D
 Analysis Method: 8260C Date Collected: 04/28/2022 00:00
 Sample wt/vol: 5 (mL) Date Analyzed: 05/09/2022 13:02
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 525559 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
637-92-3	Ethyl tert-Butyl Ether (ETBE)	0.40	U	5.0	0.40
87-68-3	Hexachlorobutadiene	0.83	U	1.0	0.83
591-78-6	2-Hexanone	1.1	U	10	1.1
98-82-8	Isopropylbenzene	0.49	U	1.0	0.49
75-09-2	Methylene Chloride	2.6	U	5.0	2.6
108-10-1	4-Methyl-2-pentanone	0.99	U	10	0.99
1634-04-4	Methyl-tert-butyl Ether (MTBE)	0.47	U	1.0	0.47
179601-23-1	m-Xylene & p-Xylene	0.42	U	2.0	0.42
91-20-3	Naphthalene	0.80	U	1.0	0.80
104-51-8	n-Butylbenzene	0.60	U	1.0	0.60
103-65-1	n-Propylbenzene	0.57	U	1.0	0.57
95-47-6	o-Xylene	0.42	U	1.0	0.42
99-87-6	p-Isopropyltoluene	0.56	U	1.0	0.56
135-98-8	sec-Butylbenzene	0.53	U	1.0	0.53
100-42-5	Styrene	0.45	U	1.0	0.45
994-05-8	Tert-amyl-methyl ether (TAME)	0.43	U	5.0	0.43
75-65-0	tert-Butyl alcohol	7.2	U	40	7.2
98-06-6	tert-Butylbenzene	0.48	U	1.0	0.48
630-20-6	1,1,1,2-Tetrachloroethane	0.43	U	1.0	0.43
79-34-5	1,1,2,2-Tetrachloroethane	0.60	U	1.0	0.60
127-18-4	Tetrachloroethene	0.44	U	1.0	0.44
108-88-3	Toluene	0.44	U	1.0	0.44
156-60-5	trans-1,2-Dichloroethene	0.51	U	1.0	0.51
10061-02-6	trans-1,3-Dichloropropene	0.67	U	1.0	0.67
87-61-6	1,2,3-Trichlorobenzene	0.54	U	1.0	0.54
120-82-1	1,2,4-Trichlorobenzene	0.77	U	1.0	0.77
71-55-6	1,1,1-Trichloroethane	0.48	U	1.0	0.48
79-01-6	Trichloroethene	0.44	U	1.0	0.44
75-69-4	Trichlorofluoromethane	0.45	U	1.0	0.45
96-18-4	1,2,3-Trichloropropane	0.52	U	1.0	0.52
76-13-1	1,1,2-Trichloro-1,2,2-trichloroethane	0.41	U	1.0	0.41
526-73-8	1,2,3-Trimethylbenzene	0.31	U	5.0	0.31
95-63-6	1,2,4-Trimethylbenzene	0.52	U	1.0	0.52
108-05-4	Vinyl acetate	0.61	U	2.0	0.61
75-01-4	Vinyl chloride	0.45	U	1.0	0.45

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Client Sample ID: TB-042822 Lab Sample ID: 240-165824-1
 Matrix: Water Lab File ID: u1290474.D
 Analysis Method: 8260C Date Collected: 04/28/2022 00:00
 Sample wt/vol: 5 (mL) Date Analyzed: 05/09/2022 13:02
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 525559 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1330-20-7	Xylenes, Total	0.42	U	2.0	0.42

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	97		56-136
1868-53-7	Dibromofluoromethane (Surr)	103		73-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	110		62-137
2037-26-5	Toluene-d8 (Surr)	98		78-122

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Client Sample ID: TB-042822 Lab Sample ID: 240-165824-1
 Matrix: Water Lab File ID: u1290474.D
 Analysis Method: 8260C Date Collected: 04/28/2022 00:00
 Sample wt/vol: 5 (mL) Date Analyzed: 05/09/2022 13:02
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 525559 Units: ug/L
 Number TICs Found: 1 TIC Result Total: 2.7

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Unknown	1.84	2.7	T J	

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TARGETED TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Client Sample ID: TB-042822 Lab Sample ID: 240-165824-1
 Matrix: Water Lab File ID: u1290474.D
 Analysis Method: 8260C Date Collected: 04/28/2022 00:00
 Sample wt/vol: 5 (mL) Date Analyzed: 05/09/2022 13:02
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 525559 Units: ug/L

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
75-45-6	Chlorodifluoromethane TIC		1.0	U	

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Client Sample ID: GSP-MW-32S-042822 Lab Sample ID: 240-165824-2
 Matrix: Water Lab File ID: u1290475.D
 Analysis Method: 8260C Date Collected: 04/28/2022 09:36
 Sample wt/vol: 5 (mL) Date Analyzed: 05/09/2022 13:24
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 525559 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	5.4	U	10	5.4
71-43-2	Benzene	0.66	J	1.0	0.42
108-86-1	Bromobenzene	0.50	U	1.0	0.50
74-97-5	Bromochloromethane	0.54	U	1.0	0.54
75-27-4	Bromodichloromethane	0.17	U	1.0	0.17
75-25-2	Bromoform	0.76	U	1.0	0.76
74-83-9	Bromomethane	0.42	U	1.0	0.42
78-93-3	2-Butanone	1.2	U	10	1.2
75-15-0	Carbon disulfide	0.59	U	1.0	0.59
56-23-5	Carbon tetrachloride	0.87	J	1.0	0.26
108-90-7	Chlorobenzene	0.63	J	1.0	0.38
75-00-3	Chloroethane	0.83	U	1.0	0.83
110-75-8	2-Chloroethyl vinyl ether	1.5	U	10	1.5
67-66-3	Chloroform	1.3		1.0	0.47
74-87-3	Chloromethane	0.63	U	1.0	0.63
95-49-8	2-Chlorotoluene	0.57	U	1.0	0.57
106-43-4	4-Chlorotoluene	0.43	U	1.0	0.43
156-59-2	cis-1,2-Dichloroethene	4.3		1.0	0.46
10061-01-5	cis-1,3-Dichloropropene	0.61	U	1.0	0.61
124-48-1	Dibromochloromethane	0.39	U	1.0	0.39
96-12-8	1,2-Dibromo-3-Chloropropane	0.91	U	2.0	0.91
106-93-4	1,2-Dibromoethane	0.41	U	1.0	0.41
74-95-3	Dibromomethane	0.40	U	1.0	0.40
95-50-1	1,2-Dichlorobenzene	0.48	U	1.0	0.48
541-73-1	1,3-Dichlorobenzene	0.45	U	1.0	0.45
106-46-7	1,4-Dichlorobenzene	0.41	U	1.0	0.41
75-71-8	Dichlorodifluoromethane	0.35	U	1.0	0.35
75-34-3	1,1-Dichloroethane	0.47	U	1.0	0.47
107-06-2	1,2-Dichloroethane	0.21	U	1.0	0.21
75-35-4	1,1-Dichloroethene	0.49	U	1.0	0.49
78-87-5	1,2-Dichloropropane	0.47	U	1.0	0.47
142-28-9	1,3-Dichloropropane	0.21	U	1.0	0.21
594-20-7	2,2-Dichloropropane	0.78	U	1.0	0.78
563-58-6	1,1-Dichloropropene	0.36	U	1.0	0.36
108-20-3	Diisopropyl ether	0.17	U	10	0.17
100-41-4	Ethylbenzene	0.42	U	1.0	0.42

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Client Sample ID: GSP-MW-32S-042822 Lab Sample ID: 240-165824-2
 Matrix: Water Lab File ID: u1290475.D
 Analysis Method: 8260C Date Collected: 04/28/2022 09:36
 Sample wt/vol: 5 (mL) Date Analyzed: 05/09/2022 13:24
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 525559 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
637-92-3	Ethyl tert-Butyl Ether (ETBE)	0.40	U	5.0	0.40
87-68-3	Hexachlorobutadiene	0.83	U	1.0	0.83
591-78-6	2-Hexanone	1.1	U	10	1.1
98-82-8	Isopropylbenzene	0.49	U	1.0	0.49
75-09-2	Methylene Chloride	2.6	U	5.0	2.6
108-10-1	4-Methyl-2-pentanone	0.99	U	10	0.99
1634-04-4	Methyl-tert-butyl Ether (MTBE)	0.47	U	1.0	0.47
179601-23-1	m-Xylene & p-Xylene	0.42	U	2.0	0.42
91-20-3	Naphthalene	0.80	U	1.0	0.80
104-51-8	n-Butylbenzene	0.60	U	1.0	0.60
103-65-1	n-Propylbenzene	0.57	U	1.0	0.57
95-47-6	o-Xylene	0.42	U	1.0	0.42
99-87-6	p-Isopropyltoluene	0.56	U	1.0	0.56
135-98-8	sec-Butylbenzene	0.53	U	1.0	0.53
100-42-5	Styrene	0.45	U	1.0	0.45
994-05-8	Tert-amyl-methyl ether (TAME)	0.43	U	5.0	0.43
75-65-0	tert-Butyl alcohol	7.2	U	40	7.2
98-06-6	tert-Butylbenzene	0.48	U	1.0	0.48
630-20-6	1,1,1,2-Tetrachloroethane	0.43	U	1.0	0.43
79-34-5	1,1,2,2-Tetrachloroethane	0.60	U	1.0	0.60
127-18-4	Tetrachloroethene	0.44	U	1.0	0.44
108-88-3	Toluene	0.44	U	1.0	0.44
156-60-5	trans-1,2-Dichloroethene	0.51	U	1.0	0.51
10061-02-6	trans-1,3-Dichloropropene	0.67	U	1.0	0.67
87-61-6	1,2,3-Trichlorobenzene	0.54	U	1.0	0.54
120-82-1	1,2,4-Trichlorobenzene	0.77	U	1.0	0.77
71-55-6	1,1,1-Trichloroethane	0.48	U	1.0	0.48
75-69-4	Trichlorofluoromethane	0.45	U	1.0	0.45
96-18-4	1,2,3-Trichloropropane	0.52	U	1.0	0.52
76-13-1	1,1,2-Trichloro-1,2,2-trichloroethane	0.41	U	1.0	0.41
526-73-8	1,2,3-Trimethylbenzene	0.31	U	5.0	0.31
95-63-6	1,2,4-Trimethylbenzene	0.52	U	1.0	0.52
108-05-4	Vinyl acetate	0.61	U	2.0	0.61
75-01-4	Vinyl chloride	0.45	U	1.0	0.45
1330-20-7	Xylenes, Total	0.42	U	2.0	0.42

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Client Sample ID: GSP-MW-32S-042822 Lab Sample ID: 240-165824-2
 Matrix: Water Lab File ID: u1290475.D
 Analysis Method: 8260C Date Collected: 04/28/2022 09:36
 Sample wt/vol: 5 (mL) Date Analyzed: 05/09/2022 13:24
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 525559 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	95		56-136
1868-53-7	Dibromofluoromethane (Surr)	99		73-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		62-137
2037-26-5	Toluene-d8 (Surr)	99		78-122

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Client Sample ID: GSP-MW-32S-042822 Lab Sample ID: 240-165824-2
 Matrix: Water Lab File ID: u1290475.D
 Analysis Method: 8260C Date Collected: 04/28/2022 09:36
 Sample wt/vol: 5 (mL) Date Analyzed: 05/09/2022 13:24
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 525559 Units: ug/L
 Number TICs Found: 4 TIC Result Total: 79.8

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Unknown	1.85	53	T J	
593-60-2	Ethene, bromo-	3.08	6.9	T J N	91%
540-49-8	Ethene, 1,2-dibromo-	6.94	3.9	T J N	98%
540-49-8	Ethene, 1,2-dibromo-	7.60	16	T J N	91%

FORM I
 GC/MS VOA ORGANICS ANALYSIS DATA SHEET
 TARGETED TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Client Sample ID: GSP-MW-32S-042822 Lab Sample ID: 240-165824-2
 Matrix: Water Lab File ID: u1290475.D
 Analysis Method: 8260C Date Collected: 04/28/2022 09:36
 Sample wt/vol: 5 (mL) Date Analyzed: 05/09/2022 13:24
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 525559 Units: ug/L

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
75-45-6	Chlorodifluoromethane TIC		1.0	U	

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Client Sample ID: GSP-MW-32S-042822 Lab Sample ID: 240-165824-2
 Matrix: Water Lab File ID: u1290492.D
 Analysis Method: 8260C Date Collected: 04/28/2022 09:36
 Sample wt/vol: 5 (mL) Date Analyzed: 05/09/2022 19:46
 Soil Aliquot Vol: _____ Dilution Factor: 25
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 525559 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	790		25	11

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	100		56-136
1868-53-7	Dibromofluoromethane (Surr)	105		73-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	110		62-137
2037-26-5	Toluene-d8 (Surr)	103		78-122

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Client Sample ID: GSP-MW-32S-042822 Lab Sample ID: 240-165824-2
 Matrix: Water Lab File ID: u1290492.D
 Analysis Method: 8260C Date Collected: 04/28/2022 09:36
 Sample wt/vol: 5 (mL) Date Analyzed: 05/09/2022 19:46
 Soil Aliquot Vol: _____ Dilution Factor: 25
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 525559 Units: ug/L
 Number TICs Found: 2 TIC Result Total: 257

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Unknown	1.84	170	T J	
	Unknown	2.87	87	T J	

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Client Sample ID: GSP-MW-32D-042822 Lab Sample ID: 240-165824-3
 Matrix: Water Lab File ID: u1290476.D
 Analysis Method: 8260C Date Collected: 04/28/2022 10:39
 Sample wt/vol: 5 (mL) Date Analyzed: 05/09/2022 13:46
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 525559 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	5.4	U	10	5.4
71-43-2	Benzene	0.42	U	1.0	0.42
108-86-1	Bromobenzene	0.50	U	1.0	0.50
74-97-5	Bromochloromethane	0.54	U	1.0	0.54
75-27-4	Bromodichloromethane	0.17	U	1.0	0.17
75-25-2	Bromoform	0.76	U	1.0	0.76
74-83-9	Bromomethane	0.42	U	1.0	0.42
78-93-3	2-Butanone	1.2	U	10	1.2
75-15-0	Carbon disulfide	0.59	U	1.0	0.59
56-23-5	Carbon tetrachloride	24		1.0	0.26
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
75-00-3	Chloroethane	0.83	U	1.0	0.83
110-75-8	2-Chloroethyl vinyl ether	1.5	U	10	1.5
67-66-3	Chloroform	17		1.0	0.47
74-87-3	Chloromethane	0.63	U	1.0	0.63
95-49-8	2-Chlorotoluene	0.57	U	1.0	0.57
106-43-4	4-Chlorotoluene	0.43	U	1.0	0.43
156-59-2	cis-1,2-Dichloroethene	1.6		1.0	0.46
10061-01-5	cis-1,3-Dichloropropene	0.61	U	1.0	0.61
124-48-1	Dibromochloromethane	0.39	U	1.0	0.39
96-12-8	1,2-Dibromo-3-Chloropropane	0.91	U	2.0	0.91
106-93-4	1,2-Dibromoethane	0.41	U	1.0	0.41
74-95-3	Dibromomethane	0.40	U	1.0	0.40
95-50-1	1,2-Dichlorobenzene	0.48	U	1.0	0.48
541-73-1	1,3-Dichlorobenzene	0.45	U	1.0	0.45
106-46-7	1,4-Dichlorobenzene	0.41	U	1.0	0.41
75-71-8	Dichlorodifluoromethane	0.35	U	1.0	0.35
75-34-3	1,1-Dichloroethane	0.47	U	1.0	0.47
107-06-2	1,2-Dichloroethane	0.21	U	1.0	0.21
75-35-4	1,1-Dichloroethene	0.49	U	1.0	0.49
78-87-5	1,2-Dichloropropane	0.47	U	1.0	0.47
142-28-9	1,3-Dichloropropane	0.21	U	1.0	0.21
594-20-7	2,2-Dichloropropane	0.78	U	1.0	0.78
563-58-6	1,1-Dichloropropene	0.36	U	1.0	0.36
108-20-3	Diisopropyl ether	0.17	U	10	0.17
100-41-4	Ethylbenzene	0.42	U	1.0	0.42

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Client Sample ID: GSP-MW-32D-042822 Lab Sample ID: 240-165824-3
 Matrix: Water Lab File ID: u1290476.D
 Analysis Method: 8260C Date Collected: 04/28/2022 10:39
 Sample wt/vol: 5 (mL) Date Analyzed: 05/09/2022 13:46
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 525559 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
637-92-3	Ethyl tert-Butyl Ether (ETBE)	0.40	U	5.0	0.40
87-68-3	Hexachlorobutadiene	0.83	U	1.0	0.83
591-78-6	2-Hexanone	1.1	U	10	1.1
98-82-8	Isopropylbenzene	0.49	U	1.0	0.49
75-09-2	Methylene Chloride	2.6	U	5.0	2.6
108-10-1	4-Methyl-2-pentanone	0.99	U	10	0.99
1634-04-4	Methyl-tert-butyl Ether (MTBE)	0.47	U	1.0	0.47
179601-23-1	m-Xylene & p-Xylene	0.42	U	2.0	0.42
91-20-3	Naphthalene	0.80	U	1.0	0.80
104-51-8	n-Butylbenzene	0.60	U	1.0	0.60
103-65-1	n-Propylbenzene	0.57	U	1.0	0.57
95-47-6	o-Xylene	0.42	U	1.0	0.42
99-87-6	p-Isopropyltoluene	0.56	U	1.0	0.56
135-98-8	sec-Butylbenzene	0.53	U	1.0	0.53
100-42-5	Styrene	0.45	U	1.0	0.45
994-05-8	Tert-amyl-methyl ether (TAME)	0.43	U	5.0	0.43
75-65-0	tert-Butyl alcohol	7.2	U	40	7.2
98-06-6	tert-Butylbenzene	0.48	U	1.0	0.48
630-20-6	1,1,1,2-Tetrachloroethane	0.43	U	1.0	0.43
79-34-5	1,1,2,2-Tetrachloroethane	0.60	U	1.0	0.60
127-18-4	Tetrachloroethene	0.44	U	1.0	0.44
108-88-3	Toluene	0.44	U	1.0	0.44
156-60-5	trans-1,2-Dichloroethene	0.51	U	1.0	0.51
10061-02-6	trans-1,3-Dichloropropene	0.67	U	1.0	0.67
87-61-6	1,2,3-Trichlorobenzene	0.54	U	1.0	0.54
120-82-1	1,2,4-Trichlorobenzene	0.77	U	1.0	0.77
71-55-6	1,1,1-Trichloroethane	0.48	U	1.0	0.48
79-01-6	Trichloroethene	26		1.0	0.44
75-69-4	Trichlorofluoromethane	0.45	U	1.0	0.45
96-18-4	1,2,3-Trichloropropane	0.52	U	1.0	0.52
76-13-1	1,1,2-Trichloro-1,2,2-trichloroethane	0.41	U	1.0	0.41
526-73-8	1,2,3-Trimethylbenzene	0.31	U	5.0	0.31
95-63-6	1,2,4-Trimethylbenzene	0.52	U	1.0	0.52
108-05-4	Vinyl acetate	0.61	U	2.0	0.61
75-01-4	Vinyl chloride	0.45	U	1.0	0.45

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Client Sample ID: GSP-MW-32D-042822 Lab Sample ID: 240-165824-3
 Matrix: Water Lab File ID: u1290476.D
 Analysis Method: 8260C Date Collected: 04/28/2022 10:39
 Sample wt/vol: 5 (mL) Date Analyzed: 05/09/2022 13:46
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 525559 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1330-20-7	Xylenes, Total	0.42	U	2.0	0.42

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	94		56-136
1868-53-7	Dibromofluoromethane (Surr)	103		73-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	109		62-137
2037-26-5	Toluene-d8 (Surr)	98		78-122

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Client Sample ID: GSP-MW-32D-042822 Lab Sample ID: 240-165824-3
 Matrix: Water Lab File ID: u1290476.D
 Analysis Method: 8260C Date Collected: 04/28/2022 10:39
 Sample wt/vol: 5 (mL) Date Analyzed: 05/09/2022 13:46
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 525559 Units: ug/L
 Number TICs Found: 1 TIC Result Total: 41

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Unknown	1.85	41	T J	

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TARGETED TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Client Sample ID: GSP-MW-32D-042822 Lab Sample ID: 240-165824-3
 Matrix: Water Lab File ID: u1290476.D
 Analysis Method: 8260C Date Collected: 04/28/2022 10:39
 Sample wt/vol: 5 (mL) Date Analyzed: 05/09/2022 13:46
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 525559 Units: ug/L

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
75-45-6	Chlorodifluoromethane TIC		1.0	U	

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Client Sample ID: GSP-MW-28-042822 Lab Sample ID: 240-165824-5
 Matrix: Water Lab File ID: u1290477.D
 Analysis Method: 8260C Date Collected: 04/28/2022 14:50
 Sample wt/vol: 5 (mL) Date Analyzed: 05/09/2022 14:08
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 525559 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	5.4	U	10	5.4
71-43-2	Benzene	0.42	U	1.0	0.42
108-86-1	Bromobenzene	0.50	U	1.0	0.50
74-97-5	Bromochloromethane	0.54	U	1.0	0.54
75-27-4	Bromodichloromethane	0.17	U	1.0	0.17
75-25-2	Bromoform	0.76	U	1.0	0.76
74-83-9	Bromomethane	0.42	U	1.0	0.42
78-93-3	2-Butanone	1.2	U	10	1.2
75-15-0	Carbon disulfide	0.59	U	1.0	0.59
56-23-5	Carbon tetrachloride	17		1.0	0.26
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
75-00-3	Chloroethane	0.83	U	1.0	0.83
110-75-8	2-Chloroethyl vinyl ether	1.5	U	10	1.5
67-66-3	Chloroform	3.7		1.0	0.47
74-87-3	Chloromethane	0.63	U	1.0	0.63
95-49-8	2-Chlorotoluene	0.57	U	1.0	0.57
106-43-4	4-Chlorotoluene	0.43	U	1.0	0.43
156-59-2	cis-1,2-Dichloroethene	4.4		1.0	0.46
10061-01-5	cis-1,3-Dichloropropene	0.61	U	1.0	0.61
124-48-1	Dibromochloromethane	0.39	U	1.0	0.39
96-12-8	1,2-Dibromo-3-Chloropropane	0.91	U	2.0	0.91
106-93-4	1,2-Dibromoethane	0.41	U	1.0	0.41
74-95-3	Dibromomethane	0.40	U	1.0	0.40
95-50-1	1,2-Dichlorobenzene	0.48	U	1.0	0.48
541-73-1	1,3-Dichlorobenzene	0.45	U	1.0	0.45
106-46-7	1,4-Dichlorobenzene	0.41	U	1.0	0.41
75-71-8	Dichlorodifluoromethane	0.35	U	1.0	0.35
75-34-3	1,1-Dichloroethane	0.47	U	1.0	0.47
107-06-2	1,2-Dichloroethane	0.21	U	1.0	0.21
75-35-4	1,1-Dichloroethene	0.49	U	1.0	0.49
78-87-5	1,2-Dichloropropane	0.47	U	1.0	0.47
142-28-9	1,3-Dichloropropane	0.21	U	1.0	0.21
594-20-7	2,2-Dichloropropane	0.78	U	1.0	0.78
563-58-6	1,1-Dichloropropene	0.36	U	1.0	0.36
108-20-3	Diisopropyl ether	0.17	U	10	0.17
100-41-4	Ethylbenzene	0.42	U	1.0	0.42

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Client Sample ID: GSP-MW-28-042822 Lab Sample ID: 240-165824-5
 Matrix: Water Lab File ID: u1290477.D
 Analysis Method: 8260C Date Collected: 04/28/2022 14:50
 Sample wt/vol: 5 (mL) Date Analyzed: 05/09/2022 14:08
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 525559 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
637-92-3	Ethyl tert-Butyl Ether (ETBE)	0.40	U	5.0	0.40
87-68-3	Hexachlorobutadiene	0.83	U	1.0	0.83
591-78-6	2-Hexanone	1.1	U	10	1.1
98-82-8	Isopropylbenzene	0.49	U	1.0	0.49
75-09-2	Methylene Chloride	2.6	U	5.0	2.6
108-10-1	4-Methyl-2-pentanone	0.99	U	10	0.99
1634-04-4	Methyl-tert-butyl Ether (MTBE)	0.47	U	1.0	0.47
179601-23-1	m-Xylene & p-Xylene	0.42	U	2.0	0.42
91-20-3	Naphthalene	0.80	U	1.0	0.80
104-51-8	n-Butylbenzene	0.60	U	1.0	0.60
103-65-1	n-Propylbenzene	0.57	U	1.0	0.57
95-47-6	o-Xylene	0.42	U	1.0	0.42
99-87-6	p-Isopropyltoluene	0.56	U	1.0	0.56
135-98-8	sec-Butylbenzene	0.53	U	1.0	0.53
100-42-5	Styrene	0.45	U	1.0	0.45
994-05-8	Tert-amyl-methyl ether (TAME)	0.43	U	5.0	0.43
75-65-0	tert-Butyl alcohol	7.2	U	40	7.2
98-06-6	tert-Butylbenzene	0.48	U	1.0	0.48
630-20-6	1,1,1,2-Tetrachloroethane	0.43	U	1.0	0.43
79-34-5	1,1,2,2-Tetrachloroethane	0.60	U	1.0	0.60
127-18-4	Tetrachloroethene	0.44	U	1.0	0.44
108-88-3	Toluene	0.44	U	1.0	0.44
156-60-5	trans-1,2-Dichloroethene	0.51	U	1.0	0.51
10061-02-6	trans-1,3-Dichloropropene	0.67	U	1.0	0.67
87-61-6	1,2,3-Trichlorobenzene	0.54	U	1.0	0.54
120-82-1	1,2,4-Trichlorobenzene	0.77	U	1.0	0.77
71-55-6	1,1,1-Trichloroethane	0.48	U	1.0	0.48
79-01-6	Trichloroethene	25		1.0	0.44
75-69-4	Trichlorofluoromethane	0.45	U	1.0	0.45
96-18-4	1,2,3-Trichloropropane	0.52	U	1.0	0.52
76-13-1	1,1,2-Trichloro-1,2,2-trichloroethane	0.41	U	1.0	0.41
526-73-8	1,2,3-Trimethylbenzene	0.31	U	5.0	0.31
95-63-6	1,2,4-Trimethylbenzene	0.52	U	1.0	0.52
108-05-4	Vinyl acetate	0.61	U	2.0	0.61
75-01-4	Vinyl chloride	0.45	U	1.0	0.45

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Client Sample ID: GSP-MW-28-042822 Lab Sample ID: 240-165824-5
 Matrix: Water Lab File ID: u1290477.D
 Analysis Method: 8260C Date Collected: 04/28/2022 14:50
 Sample wt/vol: 5 (mL) Date Analyzed: 05/09/2022 14:08
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 525559 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1330-20-7	Xylenes, Total	0.42	U	2.0	0.42

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	98		56-136
1868-53-7	Dibromofluoromethane (Surr)	106		73-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	115		62-137
2037-26-5	Toluene-d8 (Surr)	99		78-122

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Client Sample ID: GSP-MW-28-042822 Lab Sample ID: 240-165824-5
 Matrix: Water Lab File ID: u1290477.D
 Analysis Method: 8260C Date Collected: 04/28/2022 14:50
 Sample wt/vol: 5 (mL) Date Analyzed: 05/09/2022 14:08
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 525559 Units: ug/L
 Number TICs Found: 1 TIC Result Total: 37

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Unknown	1.85	37	T J	

FORM I
 GC/MS VOA ORGANICS ANALYSIS DATA SHEET
 TARGETED TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Client Sample ID: GSP-MW-28-042822 Lab Sample ID: 240-165824-5
 Matrix: Water Lab File ID: u1290477.D
 Analysis Method: 8260C Date Collected: 04/28/2022 14:50
 Sample wt/vol: 5 (mL) Date Analyzed: 05/09/2022 14:08
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 525559 Units: ug/L

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
75-45-6	Chlorodifluoromethane TIC		1.0	U	

FORM I
GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Client Sample ID: GSP-MW-32S-042822 Lab Sample ID: 240-165824-2
 Matrix: Water Lab File ID: Z0503009.D
 Analysis Method: RSK-175 Date Collected: 04/28/2022 09:36
 Sample wt/vol: 23 (mL) Date Analyzed: 05/03/2022 17:07
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: HP-PLOT/Q ID: 0.53 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 524954 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-82-8	Methane	110		1.0	0.17
74-84-0	Ethane	0.29	U	1.0	0.29
74-85-1	Ethylene	0.27	J	1.0	0.27

CAS NO.	SURROGATE	%REC	Q	LIMITS
420-46-2	1,1,1-Trifluoroethane	106		60-140

FORM I
GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Client Sample ID: GSP-MW-32D-042822 Lab Sample ID: 240-165824-3
 Matrix: Water Lab File ID: Z0503010.D
 Analysis Method: RSK-175 Date Collected: 04/28/2022 10:39
 Sample wt/vol: 23 (mL) Date Analyzed: 05/03/2022 17:24
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: HP-PLOT/Q ID: 0.53 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 524954 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-82-8	Methane	0.52	J	1.0	0.17
74-84-0	Ethane	0.29	U	1.0	0.29
74-85-1	Ethylene	0.27	U	1.0	0.27

CAS NO.	SURROGATE	%REC	Q	LIMITS
420-46-2	1,1,1-Trifluoroethane	106		60-140

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Client Sample ID: GSP-MW-29-042522 Lab Sample ID: 240-165545-2
 Matrix: Water Lab File ID: F0050305.D
 Analysis Method: 8015D Date Collected: 04/25/2022 09:43
 Extraction Method: 3510C LVI Date Extracted: 05/02/2022 09:11
 Sample wt/vol: 260 (mL) Date Analyzed: 05/03/2022 15:13
 Con. Extract Vol.: 5 (mL) Dilution Factor: 1
 Injection Volume: 1 (uL) GC Column: Rxi-5HT ID: 0.53 (mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 524844 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00141	DRO (C10-C32)	220	U	480	220

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl (Surr)	144	S1+	52-121

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Client Sample ID: GSP-MW-27-042522 Lab Sample ID: 240-165545-3
 Matrix: Water Lab File ID: F0050306.D
 Analysis Method: 8015D Date Collected: 04/25/2022 11:43
 Extraction Method: 3510C LVI Date Extracted: 05/02/2022 09:11
 Sample wt/vol: 250 (mL) Date Analyzed: 05/03/2022 15:42
 Con. Extract Vol.: 5 (mL) Dilution Factor: 1
 Injection Volume: 1 (uL) GC Column: Rxi-5HT ID: 0.53 (mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 524844 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00141	DRO (C10-C32)	230	U	500	230

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl (Surr)	143	S1+	52-121

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Client Sample ID: GSP-MW-04-042622 Lab Sample ID: 240-165585-2
 Matrix: Water Lab File ID: F0050309.D
 Analysis Method: 8015D Date Collected: 04/26/2022 09:16
 Extraction Method: 3510C LVI Date Extracted: 05/02/2022 09:11
 Sample wt/vol: 250 (mL) Date Analyzed: 05/03/2022 17:07
 Con. Extract Vol.: 5 (mL) Dilution Factor: 1
 Injection Volume: 1 (uL) GC Column: Rxi-5HT ID: 0.53 (mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 524844 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00141	DRO (C10-C32)	230	U	500	230

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl (Surr)	72		52-121

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Client Sample ID: GSP-MW-20-042622 Lab Sample ID: 240-165585-3
 Matrix: Water Lab File ID: F0050310.D
 Analysis Method: 8015D Date Collected: 04/26/2022 11:15
 Extraction Method: 3510C LVI Date Extracted: 05/02/2022 09:11
 Sample wt/vol: 240 (mL) Date Analyzed: 05/03/2022 17:36
 Con. Extract Vol.: 5 (mL) Dilution Factor: 1
 Injection Volume: 1 (uL) GC Column: Rxi-5HT ID: 0.53 (mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 524844 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00141	DRO (C10-C32)	310	J	520	240

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl (Surr)	21	S1-	52-121

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Client Sample ID: GSP-MW-20-042622 RE Lab Sample ID: 240-165585-3 RE
 Matrix: Water Lab File ID: R0050609.D
 Analysis Method: 8015D Date Collected: 04/26/2022 11:15
 Extraction Method: 3510C LVI Date Extracted: 05/05/2022 11:43
 Sample wt/vol: 250 (mL) Date Analyzed: 05/06/2022 15:12
 Con. Extract Vol.: 5 (mL) Dilution Factor: 1
 Injection Volume: 1 (uL) GC Column: Rxi-5HT ID: 0.53 (mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 525429 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
<i>STL00141</i>	<i>DRO (C10-C32)</i>	<i>520</i>	<i>H</i>	<i>500</i>	<i>230</i>

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl (Surr)	62		52-121

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Client Sample ID: GSP-MW-05-042622 Lab Sample ID: 240-165585-4
 Matrix: Water Lab File ID: F0050311.D
 Analysis Method: 8015D Date Collected: 04/26/2022 12:21
 Extraction Method: 3510C LVI Date Extracted: 05/02/2022 09:11
 Sample wt/vol: 250 (mL) Date Analyzed: 05/03/2022 18:05
 Con. Extract Vol.: 5 (mL) Dilution Factor: 1
 Injection Volume: 1 (uL) GC Column: Rxi-5HT ID: 0.53 (mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 524844 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00141	DRO (C10-C32)	820		500	230

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl (Surr)	76		52-121

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Client Sample ID: GSP-MW-06-042622 Lab Sample ID: 240-165585-5
 Matrix: Water Lab File ID: R0050305.D
 Analysis Method: 8015D Date Collected: 04/26/2022 14:54
 Extraction Method: 3510C LVI Date Extracted: 05/02/2022 09:11
 Sample wt/vol: 250 (mL) Date Analyzed: 05/03/2022 15:13
 Con. Extract Vol.: 5 (mL) Dilution Factor: 1
 Injection Volume: 1 (uL) GC Column: Rxi-5HT ID: 0.53 (mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 524846 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00141	DRO (C10-C32)	230	U	500	230

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl (Surr)	69		52-121

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Client Sample ID: GSP-DUP01-042622 Lab Sample ID: 240-165585-6
 Matrix: Water Lab File ID: R0050306.D
 Analysis Method: 8015D Date Collected: 04/26/2022 00:00
 Extraction Method: 3510C LVI Date Extracted: 05/02/2022 09:11
 Sample wt/vol: 240 (mL) Date Analyzed: 05/03/2022 15:42
 Con. Extract Vol.: 5 (mL) Dilution Factor: 1
 Injection Volume: 1 (uL) GC Column: Rxi-5HT ID: 0.53 (mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 524846 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00141	DRO (C10-C32)	240	U	520	240

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl (Surr)	76		52-121

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Client Sample ID: GSP-MW-30-042822 Lab Sample ID: 240-165824-4
 Matrix: Water Lab File ID: F0050609.D
 Analysis Method: 8015D Date Collected: 04/28/2022 12:48
 Extraction Method: 3510C LVI Date Extracted: 05/05/2022 11:43
 Sample wt/vol: 260 (mL) Date Analyzed: 05/06/2022 15:12
 Con. Extract Vol.: 5 (mL) Dilution Factor: 1
 Injection Volume: 1 (uL) GC Column: Rxi-5HT ID: 0.53 (mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 525427 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00141	DRO (C10-C32)	220	U	480	220

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl (Surr)	64		52-121

1A-IN
 INORGANIC ANALYSIS DATA SHEET
 METALS - TOTAL RECOVERABLE

Client Sample ID: GSP-MW-33-042722

Lab Sample ID: 240-165675-5

Lab Name: Eurofins Canton

Job No.: 240-165545-1

SDG ID.: _____

Matrix: Water

Date Sampled: 04/27/2022 14:53

Reporting Basis: WET

Date Received: 04/28/2022 09:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-41-7	Beryllium	27	5.0	0.60	ug/L			1	6010D
7440-48-4	Cobalt	1000	10	0.75	ug/L			1	6010D
7439-89-6	Iron	54000	200	83	ug/L			1	6010D
7439-96-5	Manganese	2900	15	6.2	ug/L			1	6010D
7440-02-0	Nickel	1400	40	2.2	ug/L			1	6010D
7440-28-0	Thallium	6.4	20	2.7	ug/L	J		1	6010D
7440-62-2	Vanadium	17	50	5.6	ug/L	J		1	6010D
7440-66-6	Zinc	1700	50	9.7	ug/L			1	6010D

1A-IN
 INORGANIC ANALYSIS DATA SHEET
 METALS - DISSOLVED

Client Sample ID: GSP-MW-33-042722

Lab Sample ID: 240-165675-5

Lab Name: Eurofins Canton

Job No.: 240-165545-1

SDG ID.: _____

Matrix: Water

Date Sampled: 04/27/2022 14:53

Reporting Basis: WET

Date Received: 04/28/2022 09:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-41-7	Beryllium	27	5.0	0.60	ug/L			1	6010D
7440-48-4	Cobalt	990	10	0.75	ug/L			1	6010D
7439-89-6	Iron	54000	200	83	ug/L			1	6010D
7439-96-5	Manganese	2900	15	6.2	ug/L			1	6010D
7440-02-0	Nickel	1400	40	2.2	ug/L			1	6010D
7440-28-0	Thallium	4.2	20	2.7	ug/L	J		1	6010D
7440-62-2	Vanadium	21	50	5.6	ug/L	J		1	6010D
7440-66-6	Zinc	1700	50	9.7	ug/L			1	6010D

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: GSP-MW-05-042622

Lab Sample ID: 240-165585-4

Lab Name: Eurofins Canton

Job No.: 240-165545-1

SDG ID.: _____

Matrix: Water

Date Sampled: 04/26/2022 12:21

Reporting Basis: WET

Date Received: 04/27/2022 09:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
	Alkalinity	230	5.0	2.6	mg/L			1	2320B-19 97

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: GSP-MW-06-042622

Lab Sample ID: 240-165585-5

Lab Name: Eurofins Canton

Job No.: 240-165545-1

SDG ID.: _____

Matrix: Water

Date Sampled: 04/26/2022 14:54

Reporting Basis: WET

Date Received: 04/27/2022 09:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
	Alkalinity	440	5.0	2.6	mg/L			1	2320B-19 97

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: GSP-MW-32S-042822

Lab Sample ID: 240-165824-2

Lab Name: Eurofins Canton

Job No.: 240-165545-1

SDG ID.: _____

Matrix: Water

Date Sampled: 04/28/2022 09:36

Reporting Basis: WET

Date Received: 05/02/2022 09:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
	Alkalinity	5.1	5.0	2.6	mg/L			1	2320B-19 97

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: GSP-MW-32D-042822

Lab Sample ID: 240-165824-3

Lab Name: Eurofins Canton

Job No.: 240-165545-1

SDG ID.: _____

Matrix: Water

Date Sampled: 04/28/2022 10:39

Reporting Basis: WET

Date Received: 05/02/2022 09:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
	Alkalinity	80	5.0	2.6	mg/L			1	2320B-19 97

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: GSP-MW-30-042822

Lab Sample ID: 240-165824-4

Lab Name: Eurofins Canton

Job No.: 240-165545-1

SDG ID.: _____

Matrix: Water

Date Sampled: 04/28/2022 12:48

Reporting Basis: WET

Date Received: 05/02/2022 09:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
	Alkalinity	54	5.0	2.6	mg/L			1	2320B-19 97

Appendix C

Support Documentation

ANALYTE	ORIGINAL GSP-MW-04- 042622	DUPLICATE GSP-DUP01- 042622	RL	RPD	RPD > 30% Aqueous	ORIGINAL SAMPLE CONC >2xRL	DUPLICATE SAMPLE CONC >2xRL	DIFFERENCE >2XRL
CIS-1,2-DICHLOROETHENE	2.7	2.7	1	0.00	FALSE	TRUE	TRUE	FALSE
TRICHLOROETHENE	1.9	2	1	5.13	FALSE	FALSE	FALSE	FALSE
VINYL CHLORIDE	0.72	0.79	1	9.27	FALSE	FALSE	FALSE	FALSE

Eurofins Environment Testing America - Canton
180 S. Van Buren Ave,
Barberton, OH, 44203

Baltimore
#201

Chain of Custody Record

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TestAmerica Laboratories, Inc.

2-6/26

Client Contact Tetra Tech 20251 Century Blvd, Suite 200 Germantown, MD 20874 (301) 528-3021 Phone (301) 528-3000 FAX Project Name: GSP MNA LTM Site: GSP Project # 112IC09076		Project Manager: Samantha Brenner Tel: (301) 528-3056 Analysis Turnaround Time Calendar (C) or Work Days (W) TAT if different from Below STANDARD <input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day		Site Contact: Josh Mullis Lab Contact: Cisneros		Date: 4/26/22 Carrier: Fedex		COC No: 1 of 2 COCs Job No: SDG No: Sampler: Walt Pryor Sample Specific Notes: see metals list				
Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	VOCs (8260B)	TPH-DRO (8015B)	Alkalinity (SM)	Methane, Ethane, Ethene (RSK-175)	Metals (6010C)**	Dissolved Metals (6010C)**
Page 19 of 28 TB- 042622 GSP-MW-04-042622 GSP-MW-20-042622 GSP-MW-05-042622 GSP-MW-06-042622 GSP-Dup01-042622	4/26/22	0000	BLANK	Water	2	X	2	2	-	-	-	-
		0916	G	GW	5	2	2	2	-	-	-	-
		1115			2	-	2	2	-	-	-	-
		1221			3	-	2	2	-	-	-	-
		1454			3	-	2	2	-	-	-	-
		0000			5	3	2	2	-	-	-	-
Preservation Used: 1=Ice, 2=HCl, 3=H2SO4, 4=HNO3, 5=NaOH, 6=Other Ammonium Chloride						2	1	1	2	4	4	
Possible Hazard Identification <input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown						Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input checked="" type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months						
Special Instructions/QC Requirements & Comments: GSP MNA LTM Groundwater sampling - please limit SDGs to 20 samples per SDG.												
**Specific Metals list: Beryllium, nickel, thallium, zinc, cobalt, iron, manganese, vanadium												
Relinquished by: [Signature]		Company: TR ZINC 1530		Date/Time: 4/26/22		Received by: [Signature]		Company: [Signature]		Date/Time: 4/26/22 1530		
Relinquished by: [Signature]		Company: [Signature]		Date/Time: 4/26/22		Received by: [Signature]		Company: EET INC		Date/Time: 4/27-22 930		
Relinquished by:		Company:		Date/Time:		Received by:		Company:		Date/Time:		



05/11/2022

1.0/1.0

Baltimore #201

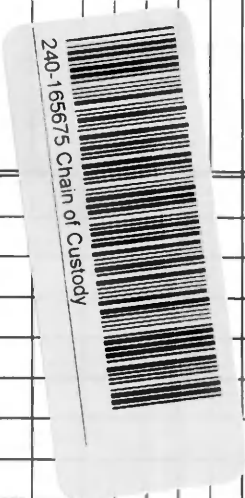
Eurofins Environment Testing America - Canton
180 S. Van Buren Ave,
Barberton, OH, 44203

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client Contact Tetra Tech 20251 Century Blvd, Suite 200 Germantown, MD 20874 (301) 528-3021 Phone (301) 528-3000 FAX Project Name: GSP MNA LTM Site: GSP Project # 1121C09076		Project Manager: Samantha Brenner Tel: (301) 528-3056		Site Contact: Josh Mullis Lab Contact: Cisneros		Date: 4/27/22 Carrier: Fedex		COC No: 1 of 1 COCs				
Analysis Turnaround Time Calendar (C) or Work Days (W) TAT if different from Below: STANDARD <input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day		Job No.		SDG No.		Sampler: Walt Pryor		Sample Specific Notes: see metals list				
Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	VOCs (8260B)	TPH-DRO (8015B)	Alkalinity (SM)	Methane, Ethane, Ethene (RSK-175)	Metals (6010C)**	Dissolved Metals (6010C)**
TB-042722 GSP-MW-23I-042722 GSP-MW-07-042722 GSP-MW-13-042722 GSP-MW-33-042722	4/27/22	0000 0959 1154 1352 1453	BLANK G ↓ ↓	Water GW ↓ ↓	2 9 3 3 2	X 9 3 2 -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - 11	- - - - -
Preservation Used: 1=Ice, 2=HCl, 3=H2SO4, 4=HNO3, 5=NaOH, 6=Other Ammonium Chloride						2 1 1 2 4 4						
Possible Hazard Identification <input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown						Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input checked="" type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months						
Special Instructions/QC Requirements & Comments: GSP MNA LTM Groundwater sampling - please limit SDGs to 20 samples per SDG.												
**Specific Metals list: Beryllium, nickel, thallium, zinc, cobalt, iron, manganese, vanadium												
Relinquished by: <i>Walt Pryor</i>		Company: <i>A INC</i>		Date/Time: <i>4/27/22 1530</i>		Received by: <i>[Signature]</i>		Company: <i>[Signature]</i>		Date/Time: <i>4/27/22 1530</i>		
Relinquished by: <i>[Signature]</i>		Company: <i>EETNC</i>		Date/Time: <i>4/27/22 1700</i>		Received by: <i>[Signature]</i>		Company: <i>EETNC</i>		Date/Time: <i>4-28-22 930</i>		
Relinquished by:		Company:		Date/Time:		Received by:		Company:		Date/Time:		



05/11/2022

Eurofins Environment Testing America - Canton
180 S. Van Buren Ave,
Barberton, OH, 44203

Baltimore
#201

Chain of Custody Record

30/30

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client Contact		Project Manager: Samantha Brenner		Site Contact: Josh Mullis		Date: 4/28/22		COC No:	
Tetra Tech		Tel: (301) 528-3056		Lab Contact: Cisneros		Carrier: Fedex		(of COCs	
20251 Century Blvd, Suite 200		Analysis Turnaround Time		Filtered Sample VOCs (8260B) TPH-DRO (8015B) Alkalinity (SM) Methane, Ethane, Ethene (RSK-175) Metals (6010C)** Dissolved Metals (6010C)**				Job No.	
Germantown, MD 20874		Calendar (C) or Work Days (W)						SDG No.	
(301) 528-3021 Phone		TAT if different from Below: STANDARD						Sampler: Walt Pryor	
(301) 528-3000 FAX		<input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day						Sample Specific Notes: see metals list	
Project Name: GSP MNA LTM									
Site: GSP									
Project # 112IC09076									
Sample Identification		Sample Date	Sample Time	Sample Type	Matrix	# of Cont.			
TB- 042822		4/28/22	0000	BLANK	Water	2	X	-	-
GSP MW-325-042822			0936	G	GW	7	3	-	4
GSP MW-320-042822			1039			7	3	-	1
GSP MW-30-042822			1248			3	-	2	1
GSP MW-28-042822			1450			3	3	-	-
Preservation Used: 1=Ice, 2=HCl, 3=H2SO4, 4=HNO3, 5=NaOH, 6=Other Ammonium Chloride								2	1
Possible Hazard Identification		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)							
<input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown		<input type="checkbox"/> Return To Client <input checked="" type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months							
Special Instructions/QC Requirements & Comments: GSP MNA LTM Groundwater sampling - please limit SDGs to 20 samples per SDG.									
**Specific Metals list: Beryllium, nickel, thallium, zinc, cobalt, iron, manganese, vanadium									
Relinquished by: <i>Walt Pryor</i>		Company: <i>Tetra Tech</i>		Date/Time: 4/28/22 1530		Received by: <i>JM</i>		Company: <i>Tetra Tech</i>	
Relinquished by: <i>JM</i>		Company: <i>Tetra Tech</i>		Date/Time: 4/28/22 1700		Received by: <i>Walt Pryor</i>		Company: <i>Tetra Tech</i>	
Relinquished by:		Company:		Date/Time:		Received by:		Company:	



05/11/2022

**Job Narrative
240-165545-1**

Comments

No additional comments.

Receipt

The samples were received on 4/26/2022 9:30 AM, 4/27/2022 9:30 AM, 4/28/2022 9:30 AM and 4/29/2022 9:30 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 4 coolers at receipt time were 0.6° C, 1.0° C, 2.6° C and 3.0° C.

GC/MS VOA

Method 8260C: The continuing calibration verification (CCV) analyzed in batch 240-524182 was outside the method criteria for some analytes. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Methods 8260C: Method required MS/MSD were prepared and analyzed at required batch frequency for analytical batch 240-524182 using samples from other sites, and are not reported with this project.

Method 8260C: The preservative used in the sample containers provided is not compatible with one of the Method 8260 analytes requested. The following samples were received preserved with hydrochloric acid: TB-042522 (240-165545-1) and GSP-MW-31-042522 (240-165545-4). The requested target analyte list includes 2-Chloroethyl vinyl ether, an acid-labile compound that degrades in an acidic medium.

Methods 8260C: The continuing calibration verification (CCV) analyzed in batch 240-524313 was outside the method criteria for Chloromethane and Bromomethane. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated. TB-042622 (240-165585-1), GSP-MW-04-042622 (240-165585-2), GSP-DUP01-042622 (240-165585-6) and (CCVIS 240-524313/3)

Methods 8260C: The preservative used in the sample containers provided is not compatible with one of the Method 8260 analytes requested. The following samples were received preserved with hydrochloric acid: TB-042622 (240-165585-1), GSP-MW-04-042622 (240-165585-2) and GSP-DUP01-042622 (240-165585-6). The requested target analyte list includes 2-Chloroethyl vinyl ether, an acid-labile compound that degrades in an acidic medium.

Method 8260C: The preservative used in the sample containers provided is not compatible with one of the Method 8260 analytes requested. The following samples were received preserved with hydrochloric acid: TB-042722 (240-165675-1), GSP-MW-231-042722 (240-165675-2), GSP-MW-07-042722 (240-165675-3) and GSP-MW-13-042722 (240-165675-4). The requested target analyte list includes 2-Chloroethyl vinyl ether, an acid-labile compound that degrades in an acidic medium.

Method 8260C: The continuing calibration verification (CCV) analyzed in batch 240-524475 was outside the method criteria for Tert-butyl ethyl ether and Bromomethane. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated. TB-042722 (240-165675-1), GSP-MW-231-042722 (240-165675-2), GSP-MW-07-042722 (240-165675-3), GSP-MW-13-042722 (240-165675-4), (CCV 240-524475/4) and (CCVIS 240-524475/3)

Method 8260C: The continuing calibration verification (CCV) analyzed in batch 240-525559 was outside the method criteria for 2-chloroethyl vinyl ether, and vinyl acetate. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8260C: The preservative used in the sample containers provided is not compatible with one of the Method 8260 analytes requested. The following samples were received preserved with hydrochloric acid: TB-042822 (240-165824-1), GSP-MW-32S-042822 (240-165824-2), GSP-MW-32D-042822 (240-165824-3) and GSP-MW-28-042822 (240-165824-5). The requested target analyte list includes 2-Chloroethyl vinyl ether, an acid-labile compound that degrades in an acidic medium.

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

GC VOA

Method RSK-175: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 240-524954.

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

GC Semi VOA

Method 8015D: Surrogate recovery for the following samples were outside the upper control limit: 240-165549-1, 240-165549-2, GSP-MW-29-042522 (240-165545-2) and GSP-MW-27-042522 (240-165545-3). These sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Method 8015D: Reanalysis of the following sample was performed outside of the analytical holding time due to QC failure (surrogate failing low) during the initial analysis. GSP-MW-20-042622 (240-165585-3). Both sets of data are reported.

Method 8015D: Surrogate recovery for the following sample failed low outside control limits: GSP-MW-20-042622 (240-165585-3). Re-extraction and re-analysis was performed outside of holding time with acceptable results. Both sets of data are reported.

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

Metals

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

Field Service / Mobile Lab

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

General Chemistry

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

Organic Prep

Method 3510C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 240-524642.

Method 3510C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 240-525295.

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

VOA Prep

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

Sample Summary

Client: Tetra Tech, Inc.
Project/Site: GSP MNA LTM

Job ID: 240-165545-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-165545-1	TB-042522	Water	04/25/22 00:00	04/26/22 09:30
240-165545-2	GSP-MW-29-042522	Water	04/25/22 09:43	04/26/22 09:30
240-165545-3	GSP-MW-27-042522	Water	04/25/22 11:43	04/26/22 09:30
240-165545-4	GSP-MW-31-042522	Water	04/25/22 14:05	04/26/22 09:30
240-165585-1	TB-042622	Water	04/26/22 00:00	04/27/22 09:30
240-165585-2	GSP-MW-04-042622	Water	04/26/22 09:16	04/27/22 09:30
240-165585-3	GSP-MW-20-042622	Water	04/26/22 11:15	04/27/22 09:30
240-165585-4	GSP-MW-05-042622	Water	04/26/22 12:21	04/27/22 09:30
240-165585-5	GSP-MW-06-042622	Water	04/26/22 14:54	04/27/22 09:30
240-165585-6	GSP-DUP01-042622	Water	04/26/22 00:00	04/27/22 09:30
240-165675-1	TB-042722	Water	04/27/22 00:00	04/28/22 09:30
240-165675-2	GSP-MW-23I-042722	Water	04/27/22 09:59	04/28/22 09:30
240-165675-3	GSP-MW-07-042722	Water	04/27/22 11:54	04/28/22 09:30
240-165675-4	GSP-MW-13-042722	Water	04/27/22 13:52	04/28/22 09:30
240-165675-5	GSP-MW-33-042722	Water	04/27/22 14:53	04/28/22 09:30
240-165824-1	TB-042822	Water	04/28/22 00:00	05/02/22 09:30
240-165824-2	GSP-MW-32S-042822	Water	04/28/22 09:36	05/02/22 09:30
240-165824-3	GSP-MW-32D-042822	Water	04/28/22 10:39	05/02/22 09:30
240-165824-4	GSP-MW-30-042822	Water	04/28/22 12:48	05/02/22 09:30
240-165824-5	GSP-MW-28-042822	Water	04/28/22 14:50	05/02/22 09:30

Definitions/Glossary

Client: Tetra Tech, Inc.
Project/Site: GSP MNA LTM

Job ID: 240-165545-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
E	Result exceeded calibration range.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

GC/MS VOA TICs

Qualifier	Qualifier Description
J	Indicates an Estimated Value for TICs
N	This flag indicates the presumptive evidence of a compound.
T	Result is a tentatively identified compound (TIC) and an estimated value.
U	Indicates the analyte was analyzed for but not detected.

GC VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

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

Definitions/Glossary

Client: Tetra Tech, Inc.
Project/Site: GSP MNA LTM

Job ID: 240-165545-1

Glossary (Continued)

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

Method Summary

Client: Tetra Tech, Inc.
Project/Site: GSP MNA LTM

Job ID: 240-165545-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL CAN
RSK-175	Dissolved Gases (GC)	RSK	TAL CAN
8015D	Diesel Range Organics (DRO) (GC)	SW846	TAL CAN
6010D	Metals (ICP)	SW846	TAL CAN
2320B-1997	Alkalinity, Total	SM	TAL CAN
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	TAL CAN
3510C LVI	Liquid-Liquid Extraction (Separatory Funnel) LVI	SW846	TAL CAN
5030C	Purge and Trap	SW846	TAL CAN

Protocol References:

RSK = Sample Prep And Calculations For Dissolved Gas Analysis In Water Samples Using A GC Headspace Equilibration Technique, RSKSOP-175, Rev. 0, 8/11/94, USEPA Research Lab
SM = "Standard Methods For The Examination Of Water And Wastewater"
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL CAN = Eurofins Canton, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

Method 8260C

Volatile Organic Compounds (GC/MS)
by Method 8260C

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins Canton

Job No.: 240-165545-1

SDG No.: _____

Matrix: Water

Level: Low

GC Column (1): DB-624 ID: 0.18 (mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
TB-042522	240-165545-1	110	112	103	100
GSP-MW-31-042522	240-165545-4	109	113	102	98
TB-042622	240-165585-1	103	96	92	92
GSP-MW-04-042622	240-165585-2	100	89	93	89
GSP-DUP01-042622	240-165585-6	102	95	95	91
TB-042722	240-165675-1	99	90	90	88
GSP-MW-23I-042722	240-165675-2	95	88	88	87
GSP-MW-23I-042722	240-165675-2	104	98	95	95
GSP-MW-07-042722	240-165675-3	99	95	90	90
GSP-MW-13-042722	240-165675-4	100	99	91	89
TB-042822	240-165824-1	103	110	98	97
GSP-MW-32S-042822	240-165824-2	99	104	99	95
GSP-MW-32S-042822	240-165824-2	105	110	103	100
GSP-MW-32D-042822	240-165824-3	103	109	98	94
GSP-MW-28-042822	240-165824-5	106	115	99	98
	MB 240-524182/8	107	110	102	100
	MB 240-524313/8	104	94	94	93
	MB 240-524475/8	99	93	91	89
	MB 240-524633/8	104	97	95	94
	MB 240-525559/8	92	98	90	86
	LCS 240-524182/5	113	110	106	106
	LCS 240-524313/5	100	93	95	97
	LCS 240-524475/5	97	92	91	93
	LCS 240-524633/5	105	98	98	99
	LCS 240-525559/5	99	110	102	104
GSP-MW-23I-042722 MS	240-165675-2 MS	98	93	92	93
GSP-MW-23I-042722 MS	240-165675-2 MS	99	94	94	96
GSP-MW-23I-042722 MSD	240-165675-2 MSD	96	94	94	95
GSP-MW-23I-042722 MSD	240-165675-2 MSD	101	96	95	97

QC LIMITS

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

73-120
62-137
78-122
56-136

Column to be used to flag recovery values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: U1927127.D
 Lab ID: LCS 240-524182/5 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Acetone	40.0	38.2	95	50-149	
Benzene	20.0	20.4	102	77-123	
Bromobenzene	20.0	20.0	100	80-122	
Bromochloromethane	20.0	18.9	94	71-121	
Bromodichloromethane	20.0	20.9	104	69-126	
Bromoform	20.0	19.8	99	57-129	
Bromomethane	20.0	25.4	127	36-142	
2-Butanone	40.0	40.0	100	54-156	
Carbon disulfide	20.0	17.0	85	43-140	
Carbon tetrachloride	20.0	21.2	106	55-137	
Chlorobenzene	20.0	18.4	92	80-121	
Chloroethane	20.0	23.9	120	38-152	
2-Chloroethyl vinyl ether	20.0	20.0	100	40-157	
Chloroform	20.0	21.0	105	74-122	
Chloromethane	20.0	22.6	113	47-143	
2-Chlorotoluene	20.0	19.9	100	79-124	
4-Chlorotoluene	20.0	20.4	102	80-125	
cis-1,2-Dichloroethene	20.0	20.7	103	77-123	
cis-1,3-Dichloropropene	20.0	20.3	102	64-130	
Dibromochloromethane	20.0	20.3	101	70-124	
1,2-Dibromo-3-Chloropropane	20.0	18.1	91	53-135	
1,2-Dibromoethane	20.0	20.3	101	71-134	
Dibromomethane	20.0	20.8	104	67-131	
1,2-Dichlorobenzene	20.0	19.2	96	78-120	
1,3-Dichlorobenzene	20.0	19.6	98	80-120	
1,4-Dichlorobenzene	20.0	19.4	97	80-120	
Dichlorodifluoromethane	20.0	21.9	110	34-153	
1,1-Dichloroethane	20.0	19.4	97	72-127	
1,2-Dichloroethane	20.0	20.3	101	66-128	
1,1-Dichloroethene	20.0	19.5	97	63-134	
1,2-Dichloropropane	20.0	20.0	100	75-133	
1,3-Dichloropropane	20.0	19.4	97	68-139	
2,2-Dichloropropane	20.0	24.8	124	48-142	
1,1-Dichloropropene	20.0	20.7	103	71-124	
Ethylbenzene	20.0	20.0	100	80-121	
Hexachlorobutadiene	20.0	17.2	86	37-162	
2-Hexanone	40.0	36.6	92	43-167	
Isopropylbenzene	20.0	20.4	102	74-128	
Methylene Chloride	20.0	16.5	83	71-125	
4-Methyl-2-pentanone	40.0	37.3	93	46-158	
Methyl-tert-butyl Ether (MTBE)	20.0	19.3	96	65-126	
m-Xylene & p-Xylene	20.0	20.1	100	80-120	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: U1927127.D
 Lab ID: LCS 240-524182/5 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Naphthalene	20.0	17.5	88	53-138	
n-Butylbenzene	20.0	19.7	99	62-139	
n-Propylbenzene	20.0	20.4	102	76-127	
o-Xylene	20.0	20.3	101	80-123	
p-Isopropyltoluene	20.0	20.3	102	71-132	
sec-Butylbenzene	20.0	20.5	103	69-135	
Styrene	20.0	20.3	101	80-135	
tert-Butyl alcohol	200	200	100	33-153	
tert-Butylbenzene	20.0	20.5	102	64-134	
1,1,1,2-Tetrachloroethane	20.0	19.9	100	71-124	
1,1,2,2-Tetrachloroethane	20.0	19.5	98	58-157	
Tetrachloroethene	20.0	20.2	101	76-123	
Toluene	20.0	19.9	99	80-123	
trans-1,2-Dichloroethene	20.0	19.3	96	75-124	
trans-1,3-Dichloropropene	20.0	20.1	100	57-129	
1,2,3-Trichlorobenzene	20.0	16.6	83	45-149	
1,2,4-Trichlorobenzene	20.0	17.3	87	44-147	
1,1,1-Trichloroethane	20.0	20.8	104	64-131	
Trichloroethene	20.0	21.4	107	70-122	
Trichlorofluoromethane	20.0	25.1	126	30-170	
1,2,3-Trichloropropane	20.0	19.1	95	57-150	
1,1,2-Trichloro-1,2,2-trichfluoroethane	20.0	20.5	102	51-146	
1,2,4-Trimethylbenzene	20.0	20.3	101	77-129	
Vinyl acetate	20.0	15.7	78	44-145	
Vinyl chloride	20.0	25.7	129	60-144	
Xylenes, Total	40.0	40.4	101	80-121	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: UX001586.D
 Lab ID: LCS 240-524313/5 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Acetone	40.0	31.3	78	50-149	
Benzene	20.0	17.5	88	77-123	
Bromobenzene	20.0	18.2	91	80-122	
Bromochloromethane	20.0	16.4	82	71-121	
Bromodichloromethane	20.0	17.4	87	69-126	
Bromoform	20.0	15.3	76	57-129	
Bromomethane	20.0	12.2	61	36-142	
2-Butanone	40.0	32.1	80	54-156	
Carbon disulfide	20.0	15.5	77	43-140	
Carbon tetrachloride	20.0	17.2	86	55-137	
Chlorobenzene	20.0	18.1	90	80-121	
Chloroethane	20.0	20.7	104	38-152	
2-Chloroethyl vinyl ether	20.0	16.6	83	40-157	
Chloroform	20.0	17.7	88	74-122	
Chloromethane	20.0	15.9	80	47-143	
2-Chlorotoluene	20.0	17.6	88	79-124	
4-Chlorotoluene	20.0	17.8	89	80-125	
cis-1,2-Dichloroethene	20.0	17.5	87	77-123	
cis-1,3-Dichloropropene	20.0	16.8	84	64-130	
Dibromochloromethane	20.0	16.2	81	70-124	
1,2-Dibromo-3-Chloropropane	20.0	15.5	77	53-135	
1,2-Dibromoethane	20.0	17.2	86	71-134	
Dibromomethane	20.0	19.3	96	67-131	
1,2-Dichlorobenzene	20.0	18.2	91	78-120	
1,3-Dichlorobenzene	20.0	17.7	89	80-120	
1,4-Dichlorobenzene	20.0	18.1	90	80-120	
Dichlorodifluoromethane	20.0	21.4	107	34-153	
1,1-Dichloroethane	20.0	16.6	83	72-127	
1,2-Dichloroethane	20.0	18.2	91	66-128	
1,1-Dichloroethene	20.0	16.7	83	63-134	
1,2-Dichloropropane	20.0	17.4	87	75-133	
1,3-Dichloropropane	20.0	16.8	84	68-139	
2,2-Dichloropropane	20.0	17.2	86	48-142	
1,1-Dichloropropene	20.0	17.2	86	71-124	
Ethylbenzene	20.0	17.8	89	80-121	
Hexachlorobutadiene	20.0	17.0	85	37-162	
2-Hexanone	40.0	32.3	81	43-167	
Isopropylbenzene	20.0	17.0	85	74-128	
Methylene Chloride	20.0	15.9	80	71-125	
4-Methyl-2-pentanone	40.0	32.3	81	46-158	
Methyl-tert-butyl Ether (MTBE)	20.0	16.9	84	65-126	
m-Xylene & p-Xylene	20.0	17.2	86	80-120	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: UX001586.D
 Lab ID: LCS 240-524313/5 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Naphthalene	20.0	17.6	88	53-138	
n-Butylbenzene	20.0	15.9	80	62-139	
n-Propylbenzene	20.0	16.6	83	76-127	
o-Xylene	20.0	17.7	88	80-123	
p-Isopropyltoluene	20.0	16.5	82	71-132	
sec-Butylbenzene	20.0	17.1	86	69-135	
Styrene	20.0	18.0	90	80-135	
tert-Butyl alcohol	200	164	82	33-153	
tert-Butylbenzene	20.0	16.1	80	64-134	
1,1,1,2-Tetrachloroethane	20.0	17.4	87	71-124	
1,1,2,2-Tetrachloroethane	20.0	17.7	88	58-157	
Tetrachloroethene	20.0	18.3	92	76-123	
Toluene	20.0	16.8	84	80-123	
trans-1,2-Dichloroethene	20.0	15.8	79	75-124	
trans-1,3-Dichloropropene	20.0	16.5	83	57-129	
1,2,3-Trichlorobenzene	20.0	16.2	81	45-149	
1,2,4-Trichlorobenzene	20.0	16.3	82	44-147	
1,1,1-Trichloroethane	20.0	17.7	89	64-131	
Trichloroethene	20.0	18.9	94	70-122	
Trichlorofluoromethane	20.0	22.1	110	30-170	
1,2,3-Trichloropropane	20.0	17.5	88	57-150	
1,1,2-Trichloro-1,2,2-trichloroethane	20.0	17.7	89	51-146	
1,2,4-Trimethylbenzene	20.0	16.8	84	77-129	
Vinyl acetate	20.0	15.4	77	44-145	
Vinyl chloride	20.0	18.2	91	60-144	
Xylenes, Total	40.0	34.9	87	80-121	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: UX001613.D
 Lab ID: LCS 240-524475/5 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Acetone	40.0	33.6	84	50-149	
Benzene	20.0	19.5	98	77-123	
Bromobenzene	20.0	19.3	97	80-122	
Bromochloromethane	20.0	18.5	92	71-121	
Bromodichloromethane	20.0	19.1	95	69-126	
Bromoform	20.0	16.4	82	57-129	
Bromomethane	20.0	12.9	64	36-142	
2-Butanone	40.0	35.6	89	54-156	
Carbon disulfide	20.0	19.1	96	43-140	
Carbon tetrachloride	20.0	18.9	95	55-137	
Chlorobenzene	20.0	19.4	97	80-121	
Chloroethane	20.0	18.5	93	38-152	
2-Chloroethyl vinyl ether	20.0	18.2	91	40-157	
Chloroform	20.0	19.4	97	74-122	
Chloromethane	20.0	15.3	76	47-143	
2-Chlorotoluene	20.0	18.8	94	79-124	
4-Chlorotoluene	20.0	18.8	94	80-125	
cis-1,2-Dichloroethene	20.0	19.4	97	77-123	
cis-1,3-Dichloropropene	20.0	18.5	92	64-130	
Dibromochloromethane	20.0	17.5	88	70-124	
1,2-Dibromo-3-Chloropropane	20.0	16.1	80	53-135	
1,2-Dibromoethane	20.0	18.8	94	71-134	
Dibromomethane	20.0	21.2	106	67-131	
1,2-Dichlorobenzene	20.0	19.1	96	78-120	
1,3-Dichlorobenzene	20.0	18.3	92	80-120	
1,4-Dichlorobenzene	20.0	18.8	94	80-120	
Dichlorodifluoromethane	20.0	19.6	98	34-153	
1,1-Dichloroethane	20.0	18.7	93	72-127	
1,2-Dichloroethane	20.0	20.0	100	66-128	
1,1-Dichloroethene	20.0	19.6	98	63-134	
1,2-Dichloropropane	20.0	18.8	94	75-133	
1,3-Dichloropropane	20.0	18.4	92	68-139	
2,2-Dichloropropane	20.0	18.9	94	48-142	
1,1-Dichloropropene	20.0	18.8	94	71-124	
Ethylbenzene	20.0	19.1	96	80-121	
Hexachlorobutadiene	20.0	17.8	89	37-162	
2-Hexanone	40.0	34.2	86	43-167	
Isopropylbenzene	20.0	18.1	91	74-128	
Methylene Chloride	20.0	17.6	88	71-125	
4-Methyl-2-pentanone	40.0	35.0	87	46-158	
Methyl-tert-butyl Ether (MTBE)	20.0	19.0	95	65-126	
m-Xylene & p-Xylene	20.0	18.6	93	80-120	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: UX001613.D
 Lab ID: LCS 240-524475/5 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Naphthalene	20.0	18.5	93	53-138	
n-Butylbenzene	20.0	16.8	84	62-139	
n-Propylbenzene	20.0	17.2	86	76-127	
o-Xylene	20.0	18.8	94	80-123	
p-Isopropyltoluene	20.0	17.2	86	71-132	
sec-Butylbenzene	20.0	17.9	89	69-135	
Styrene	20.0	18.8	94	80-135	
tert-Butyl alcohol	200	166	83	33-153	
tert-Butylbenzene	20.0	17.1	85	64-134	
1,1,1,2-Tetrachloroethane	20.0	19.0	95	71-124	
1,1,2,2-Tetrachloroethane	20.0	18.7	94	58-157	
Tetrachloroethene	20.0	19.7	98	76-123	
Toluene	20.0	18.4	92	80-123	
trans-1,2-Dichloroethene	20.0	18.3	91	75-124	
trans-1,3-Dichloropropene	20.0	18.1	90	57-129	
1,2,3-Trichlorobenzene	20.0	17.4	87	45-149	
1,2,4-Trichlorobenzene	20.0	17.3	87	44-147	
1,1,1-Trichloroethane	20.0	19.4	97	64-131	
Trichloroethene	20.0	20.3	102	70-122	
Trichlorofluoromethane	20.0	20.7	103	30-170	
1,2,3-Trichloropropane	20.0	18.3	92	57-150	
1,1,2-Trichloro-1,2,2-trichfluoroethane	20.0	21.0	105	51-146	
1,2,4-Trimethylbenzene	20.0	17.9	89	77-129	
Vinyl acetate	20.0	20.1	101	44-145	
Vinyl chloride	20.0	17.1	86	60-144	
Xylenes, Total	40.0	37.4	94	80-121	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: UX001642.D
 Lab ID: LCS 240-524633/5 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Acetone	40.0	35.0	88	50-149	
Benzene	20.0	19.1	96	77-123	
Bromobenzene	20.0	19.1	96	80-122	
Bromochloromethane	20.0	17.8	89	71-121	
Bromodichloromethane	20.0	19.0	95	69-126	
Bromoform	20.0	15.9	80	57-129	
Bromomethane	20.0	12.5	62	36-142	
2-Butanone	40.0	34.8	87	54-156	
Carbon disulfide	20.0	19.2	96	43-140	
Carbon tetrachloride	20.0	19.1	95	55-137	
Chlorobenzene	20.0	18.9	95	80-121	
Chloroethane	20.0	21.2	106	38-152	
2-Chloroethyl vinyl ether	20.0	17.5	87	40-157	
Chloroform	20.0	19.3	96	74-122	
Chloromethane	20.0	16.5	82	47-143	
2-Chlorotoluene	20.0	18.9	94	79-124	
4-Chlorotoluene	20.0	18.8	94	80-125	
cis-1,2-Dichloroethene	20.0	19.3	96	77-123	
cis-1,3-Dichloropropene	20.0	18.2	91	64-130	
Dibromochloromethane	20.0	17.1	86	70-124	
1,2-Dibromo-3-Chloropropane	20.0	16.5	82	53-135	
1,2-Dibromoethane	20.0	18.3	92	71-134	
Dibromomethane	20.0	20.3	102	67-131	
1,2-Dichlorobenzene	20.0	18.8	94	78-120	
1,3-Dichlorobenzene	20.0	18.3	92	80-120	
1,4-Dichlorobenzene	20.0	18.5	93	80-120	
Dichlorodifluoromethane	20.0	21.7	108	34-153	
1,1-Dichloroethane	20.0	18.6	93	72-127	
1,2-Dichloroethane	20.0	19.7	98	66-128	
1,1-Dichloroethene	20.0	19.8	99	63-134	
1,2-Dichloropropane	20.0	18.3	92	75-133	
1,3-Dichloropropane	20.0	18.2	91	68-139	
2,2-Dichloropropane	20.0	19.1	96	48-142	
1,1-Dichloropropene	20.0	18.9	94	71-124	
Ethylbenzene	20.0	18.7	93	80-121	
Hexachlorobutadiene	20.0	17.8	89	37-162	
2-Hexanone	40.0	34.4	86	43-167	
Isopropylbenzene	20.0	17.7	89	74-128	
Methylene Chloride	20.0	17.8	89	71-125	
4-Methyl-2-pentanone	40.0	34.2	85	46-158	
Methyl-tert-butyl Ether (MTBE)	20.0	18.4	92	65-126	
m-Xylene & p-Xylene	20.0	18.0	90	80-120	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: UX001642.D
 Lab ID: LCS 240-524633/5 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Naphthalene	20.0	17.9	90	53-138	
n-Butylbenzene	20.0	16.6	83	62-139	
n-Propylbenzene	20.0	17.7	88	76-127	
o-Xylene	20.0	18.3	91	80-123	
p-Isopropyltoluene	20.0	17.1	85	71-132	
sec-Butylbenzene	20.0	17.9	90	69-135	
Styrene	20.0	18.4	92	80-135	
tert-Butyl alcohol	200	181	90	33-153	
tert-Butylbenzene	20.0	17.4	87	64-134	
1,1,1,2-Tetrachloroethane	20.0	18.4	92	71-124	
1,1,2,2-Tetrachloroethane	20.0	18.5	93	58-157	
Tetrachloroethene	20.0	18.8	94	76-123	
Toluene	20.0	18.3	91	80-123	
trans-1,2-Dichloroethene	20.0	18.3	92	75-124	
trans-1,3-Dichloropropene	20.0	17.7	88	57-129	
1,2,3-Trichlorobenzene	20.0	16.6	83	45-149	
1,2,4-Trichlorobenzene	20.0	16.9	84	44-147	
1,1,1-Trichloroethane	20.0	19.5	97	64-131	
Trichloroethene	20.0	19.9	99	70-122	
Trichlorofluoromethane	20.0	22.6	113	30-170	
1,2,3-Trichloropropane	20.0	18.3	92	57-150	
1,1,2-Trichloro-1,2,2-trichloroethane	20.0	20.7	103	51-146	
1,2,4-Trimethylbenzene	20.0	17.6	88	77-129	
Vinyl acetate	20.0	19.8	99	44-145	
Vinyl chloride	20.0	18.7	94	60-144	
Xylenes, Total	40.0	36.3	91	80-121	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: u1290466.D
 Lab ID: LCS 240-525559/5 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Acetone	40.0	39.3	98	50-149	
Benzene	20.0	20.6	103	77-123	
Bromobenzene	20.0	19.9	100	80-122	
Bromochloromethane	20.0	19.7	99	71-121	
Bromodichloromethane	20.0	20.4	102	69-126	
Bromoform	20.0	21.4	107	57-129	
Bromomethane	20.0	21.8	109	36-142	
2-Butanone	40.0	45.2	113	54-156	
Carbon disulfide	20.0	22.4	112	43-140	
Carbon tetrachloride	20.0	20.6	103	55-137	
Chlorobenzene	20.0	19.8	99	80-121	
Chloroethane	20.0	21.7	108	38-152	
2-Chloroethyl vinyl ether	20.0	23.9	120	40-157	
Chloroform	20.0	19.6	98	74-122	
Chloromethane	20.0	21.4	107	47-143	
2-Chlorotoluene	20.0	20.4	102	79-124	
4-Chlorotoluene	20.0	19.8	99	80-125	
cis-1,2-Dichloroethene	20.0	20.3	101	77-123	
cis-1,3-Dichloropropene	20.0	21.6	108	64-130	
Dibromochloromethane	20.0	20.9	104	70-124	
1,2-Dibromo-3-Chloropropane	20.0	20.0	100	53-135	
1,2-Dibromoethane	20.0	20.8	104	71-134	
Dibromomethane	20.0	21.3	106	67-131	
1,2-Dichlorobenzene	20.0	19.3	97	78-120	
1,3-Dichlorobenzene	20.0	19.3	97	80-120	
1,4-Dichlorobenzene	20.0	19.0	95	80-120	
Dichlorodifluoromethane	20.0	19.0	95	34-153	
1,1-Dichloroethane	20.0	19.6	98	72-127	
1,2-Dichloroethane	20.0	20.7	104	66-128	
1,1-Dichloroethene	20.0	21.7	108	63-134	
1,2-Dichloropropane	20.0	21.5	108	75-133	
1,3-Dichloropropane	20.0	20.5	103	68-139	
2,2-Dichloropropane	20.0	19.7	98	48-142	
1,1-Dichloropropene	20.0	19.8	99	71-124	
Ethylbenzene	20.0	20.2	101	80-121	
Hexachlorobutadiene	20.0	21.2	106	37-162	
2-Hexanone	40.0	45.0	113	43-167	
Isopropylbenzene	20.0	20.4	102	74-128	
Methylene Chloride	20.0	21.5	107	71-125	
4-Methyl-2-pentanone	40.0	44.0	110	46-158	
Methyl-tert-butyl Ether (MTBE)	20.0	18.4	92	65-126	
m-Xylene & p-Xylene	20.0	20.5	102	80-120	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: u1290466.D
 Lab ID: LCS 240-525559/5 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Naphthalene	20.0	21.2	106	53-138	
n-Butylbenzene	20.0	20.4	102	62-139	
n-Propylbenzene	20.0	19.9	99	76-127	
o-Xylene	20.0	20.4	102	80-123	
p-Isopropyltoluene	20.0	21.2	106	71-132	
sec-Butylbenzene	20.0	20.8	104	69-135	
Styrene	20.0	20.7	103	80-135	
tert-Butyl alcohol	200	207	104	33-153	
tert-Butylbenzene	20.0	20.8	104	64-134	
1,1,1,2-Tetrachloroethane	20.0	19.9	100	71-124	
1,1,2,2-Tetrachloroethane	20.0	20.1	101	58-157	
Tetrachloroethene	20.0	19.5	97	76-123	
Toluene	20.0	20.0	100	80-123	
trans-1,2-Dichloroethene	20.0	19.6	98	75-124	
trans-1,3-Dichloropropene	20.0	21.4	107	57-129	
1,2,3-Trichlorobenzene	20.0	22.2	111	45-149	
1,2,4-Trichlorobenzene	20.0	21.8	109	44-147	
1,1,1-Trichloroethane	20.0	20.2	101	64-131	
Trichloroethene	20.0	19.5	98	70-122	
Trichlorofluoromethane	20.0	21.6	108	30-170	
1,2,3-Trichloropropane	20.0	19.3	97	57-150	
1,1,2-Trichloro-1,2,2-trichfluoroethane	20.0	22.2	111	51-146	
1,2,4-Trimethylbenzene	20.0	21.1	105	77-129	
Vinyl acetate	20.0	24.9	125	44-145	
Vinyl chloride	20.0	22.1	110	60-144	
Xylenes, Total	40.0	40.9	102	80-121	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Canton

Job No.: 240-165545-1

SDG No.: _____

Matrix: Water Level: Low

Lab File ID: UX001620.D

Lab ID: 240-165675-2 MS

Client ID: GSP-MW-23I-042722 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Acetone	40.0	5.4 U	29.6	74	33-149	
Benzene	20.0	0.82 J	18.9	90	64-128	
Bromobenzene	20.0	0.50 U	18.2	91	77-120	
Bromochloromethane	20.0	0.54 U	17.2	86	65-124	
Bromodichloromethane	20.0	0.17 U	17.7	88	62-125	
Bromoform	20.0	0.76 U	14.4	72	47-125	
Bromomethane	20.0	0.42 U	11.9	60	28-150	
2-Butanone	40.0	1.2 U	33.3	83	40-151	
Carbon disulfide	20.0	0.59 U	18.2	91	38-140	
Carbon tetrachloride	20.0	0.26 U	18.1	90	51-133	
Chlorobenzene	20.0	0.43 J	18.4	90	74-121	
Chloroethane	20.0	0.83 U	18.3	92	10-199	
2-Chloroethyl vinyl ether	20.0	1.5 U	1.5 U	0	10-120	F1
Chloroform	20.0	0.47 U	18.3	92	70-122	
Chloromethane	20.0	0.63 U	15.1	75	32-149	
2-Chlorotoluene	20.0	0.57 U	17.7	89	75-120	
4-Chlorotoluene	20.0	0.43 U	17.6	88	75-120	
cis-1,2-Dichloroethene	20.0	4.2	22.7	92	66-128	
cis-1,3-Dichloropropene	20.0	0.61 U	17.1	86	47-125	
Dibromochloromethane	20.0	0.39 U	15.8	79	65-120	
1,2-Dibromo-3-Chloropropane	20.0	0.91 U	14.7	74	41-129	
1,2-Dibromoethane	20.0	0.41 U	17.6	88	69-125	
Dibromomethane	20.0	0.40 U	19.6	98	64-126	
1,2-Dichlorobenzene	20.0	0.48 U	18.4	92	73-120	
1,3-Dichlorobenzene	20.0	0.45 U	17.4	87	73-120	
1,4-Dichlorobenzene	20.0	0.41 U	17.9	89	74-120	
Dichlorodifluoromethane	20.0	0.35 U	19.4	97	38-139	
1,1-Dichloroethane	20.0	0.47 U	17.2	86	68-125	
1,2-Dichloroethane	20.0	0.21 U	18.6	93	63-126	
1,1-Dichloroethene	20.0	0.49 U	18.7	93	56-135	
1,2-Dichloropropane	20.0	0.47 U	17.6	88	69-130	
1,3-Dichloropropane	20.0	0.21 U	17.1	85	72-122	
2,2-Dichloropropane	20.0	0.78 U	18.2	91	38-145	
1,1-Dichloropropene	20.0	0.36 U	17.9	90	59-125	
Ethylbenzene	20.0	0.42 U	17.8	89	67-127	
Hexachlorobutadiene	20.0	0.83 U	16.4	82	24-165	
2-Hexanone	40.0	1.1 U	31.5	79	35-156	
Isopropylbenzene	20.0	0.49 U	16.8	84	64-129	
Methylene Chloride	20.0	2.6 U	16.7	83	62-129	
4-Methyl-2-pentanone	40.0	0.99 U	32.9	82	31-153	
Methyl-tert-butyl Ether (MTBE)	20.0	0.47 U	17.8	89	47-134	
m-Xylene & p-Xylene	20.0	0.42 U	16.9	84	71-123	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: UX001620.D
 Lab ID: 240-165675-2 MS Client ID: GSP-MW-23I-042722 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Naphthalene	20.0	0.80 U	17.6	88	49-139	
n-Butylbenzene	20.0	0.60 U	15.6	78	51-134	
n-Propylbenzene	20.0	0.57 U	16.6	83	67-122	
o-Xylene	20.0	0.42 U	17.3	86	70-125	
p-Isopropyltoluene	20.0	0.56 U	16.0	80	64-128	
sec-Butylbenzene	20.0	0.53 U	16.7	83	62-130	
Styrene	20.0	0.45 U	17.4	87	70-139	
tert-Butyl alcohol	200	7.2 U	153	76	32-163	
tert-Butylbenzene	20.0	0.48 U	16.3	82	47-140	
1,1,1,2-Tetrachloroethane	20.0	0.43 U	17.4	87	68-121	
1,1,2,2-Tetrachloroethane	20.0	0.60 U	18.1	90	54-145	
Tetrachloroethene	20.0	0.44 U	18.3	92	62-131	
Toluene	20.0	0.44 U	17.1	85	58-135	
trans-1,2-Dichloroethene	20.0	0.51 U	17.3	86	56-136	
trans-1,3-Dichloropropene	20.0	0.67 U	16.5	83	47-120	
1,2,3-Trichlorobenzene	20.0	0.54 U	16.2	81	46-148	
1,2,4-Trichlorobenzene	20.0	0.77 U	16.3	82	29-156	
1,1,1-Trichloroethane	20.0	0.48 U	18.3	92	60-130	
Trichlorofluoromethane	20.0	0.45 U	20.8	104	24-177	
1,2,3-Trichloropropane	20.0	0.52 U	17.6	88	54-134	
1,1,2-Trichloro-1,2,2-trichfluoroethane	20.0	0.41 U	19.8	99	41-147	
1,2,4-Trimethylbenzene	20.0	0.52 U	16.8	84	69-125	
Vinyl acetate	20.0	0.61 U	19.4	97	28-131	
Vinyl chloride	20.0	0.45 U	17.1	85	43-157	
Xylenes, Total	40.0	0.42 U	34.2	86	71-123	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: UX001647.D
 Lab ID: 240-165675-2 MS Client ID: GSP-MW-23I-042722 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Trichloroethene	40.0	91	130	98	61-124	E

Column to be used to flag recovery and RPD values
 FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Canton

Job No.: 240-165545-1

SDG No.:

Matrix: Water Level: Low

Lab File ID: UX001621.D

Lab ID: 240-165675-2 MSD

Client ID: GSP-MW-23I-042722 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Acetone	40.0	32.0	80	8	34	33-149	
Benzene	20.0	20.3	97	7	14	64-128	
Bromobenzene	20.0	19.3	96	6	16	77-120	
Bromochloromethane	20.0	18.8	94	9	15	65-124	
Bromodichloromethane	20.0	19.3	96	8	13	62-125	
Bromoform	20.0	16.1	80	11	15	47-125	
Bromomethane	20.0	13.5	67	12	26	28-150	
2-Butanone	40.0	35.3	88	6	20	40-151	
Carbon disulfide	20.0	19.2	96	5	23	38-140	
Carbon tetrachloride	20.0	19.3	96	6	24	51-133	
Chlorobenzene	20.0	19.9	97	8	14	74-121	
Chloroethane	20.0	19.0	95	4	30	10-199	
2-Chloroethyl vinyl ether	20.0	1.5	0	NC	35	10-120	F1
Chloroform	20.0	19.6	98	7	14	70-122	
Chloromethane	20.0	15.6	78	4	27	32-149	
2-Chlorotoluene	20.0	19.1	95	7	19	75-120	
4-Chlorotoluene	20.0	19.2	96	9	18	75-120	
cis-1,2-Dichloroethene	20.0	23.5	97	4	14	66-128	
cis-1,3-Dichloropropene	20.0	18.2	91	6	13	47-125	
Dibromochloromethane	20.0	17.4	87	9	13	65-120	
1,2-Dibromo-3-Chloropropane	20.0	16.3	82	10	22	41-129	
1,2-Dibromoethane	20.0	19.1	96	8	14	69-125	
Dibromomethane	20.0	21.0	105	7	12	64-126	
1,2-Dichlorobenzene	20.0	19.4	97	5	14	73-120	
1,3-Dichlorobenzene	20.0	19.0	95	8	14	73-120	
1,4-Dichlorobenzene	20.0	19.2	96	7	15	74-120	
Dichlorodifluoromethane	20.0	20.5	102	6	35	38-139	
1,1-Dichloroethane	20.0	18.6	93	8	13	68-125	
1,2-Dichloroethane	20.0	20.1	101	8	12	63-126	
1,1-Dichloroethene	20.0	20.1	101	7	26	56-135	
1,2-Dichloropropane	20.0	18.7	93	6	13	69-130	
1,3-Dichloropropane	20.0	18.9	95	10	14	72-122	
2,2-Dichloropropane	20.0	19.2	96	5	21	38-145	
1,1-Dichloropropene	20.0	18.9	94	5	24	59-125	
Ethylbenzene	20.0	19.5	97	9	15	67-127	
Hexachlorobutadiene	20.0	17.8	89	8	35	24-165	
2-Hexanone	40.0	33.9	85	7	17	35-156	
Isopropylbenzene	20.0	18.0	90	7	18	64-129	
Methylene Chloride	20.0	18.1	91	8	17	62-129	
4-Methyl-2-pentanone	40.0	35.4	89	7	15	31-153	
Methyl-tert-butyl Ether (MTBE)	20.0	19.3	97	8	16	47-134	
m-Xylene & p-Xylene	20.0	18.2	91	8	16	71-123	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: UX001621.D
 Lab ID: 240-165675-2 MSD Client ID: GSP-MW-23I-042722 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Naphthalene	20.0	19.0	95	8	21	49-139	
n-Butylbenzene	20.0	16.9	84	8	28	51-134	
n-Propylbenzene	20.0	17.6	88	6	22	67-122	
o-Xylene	20.0	18.8	94	9	15	70-125	
p-Isopropyltoluene	20.0	17.2	86	7	23	64-128	
sec-Butylbenzene	20.0	17.9	89	7	28	62-130	
Styrene	20.0	18.9	95	8	18	70-139	
tert-Butyl alcohol	200	167	83	9	24	32-163	
tert-Butylbenzene	20.0	17.3	87	6	24	47-140	
1,1,1,2-Tetrachloroethane	20.0	18.9	95	8	14	68-121	
1,1,2,2-Tetrachloroethane	20.0	19.3	96	6	15	54-145	
Tetrachloroethene	20.0	19.8	99	8	20	62-131	
Toluene	20.0	18.4	92	8	14	58-135	
trans-1,2-Dichloroethene	20.0	18.4	92	6	15	56-136	
trans-1,3-Dichloropropene	20.0	18.2	91	10	14	47-120	
1,2,3-Trichlorobenzene	20.0	17.5	87	7	23	46-148	
1,2,4-Trichlorobenzene	20.0	17.9	89	9	19	29-156	
1,1,1-Trichloroethane	20.0	19.6	98	7	17	60-130	
Trichlorofluoromethane	20.0	21.6	108	4	34	24-177	
1,2,3-Trichloropropane	20.0	18.8	94	6	17	54-134	
1,1,2-Trichloro-1,2,2-trichfluoroethane	20.0	21.1	105	6	35	41-147	
1,2,4-Trimethylbenzene	20.0	17.9	90	7	20	69-125	
Vinyl acetate	20.0	21.3	106	9	14	28-131	
Vinyl chloride	20.0	18.0	90	5	24	43-157	
Xylenes, Total	40.0	37.0	93	8	15	71-123	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: UX001648.D
 Lab ID: 240-165675-2 MSD Client ID: GSP-MW-23I-042722 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Trichloroethene	40.0	131	101	1	15	61-124	E

Column to be used to flag recovery and RPD values
 FORM III 8260C

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Lab File ID: U1927130.D Lab Sample ID: MB 240-524182/8
 Matrix: Water Heated Purge: (Y/N) N
 Instrument ID: A3UX19 Date Analyzed: 04/27/2022 12:24
 GC Column: DB-624 ID: 0.18 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 240-524182/5	U1927127.D	04/27/2022 11:17
TB-042522	240-165545-1	U1927147.D	04/27/2022 18:55
GSP-MW-31-042522	240-165545-4	U1927148.D	04/27/2022 19:18

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 240-524182/8
 Matrix: Water Lab File ID: U1927130.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 04/27/2022 12:24
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 524182 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	5.4	U	10	5.4
71-43-2	Benzene	0.42	U	1.0	0.42
108-86-1	Bromobenzene	0.50	U	1.0	0.50
74-97-5	Bromochloromethane	0.54	U	1.0	0.54
75-27-4	Bromodichloromethane	0.17	U	1.0	0.17
75-25-2	Bromoform	0.76	U	1.0	0.76
74-83-9	Bromomethane	0.42	U	1.0	0.42
78-93-3	2-Butanone	1.2	U	10	1.2
75-15-0	Carbon disulfide	0.59	U	1.0	0.59
56-23-5	Carbon tetrachloride	0.26	U	1.0	0.26
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
75-00-3	Chloroethane	0.83	U	1.0	0.83
110-75-8	2-Chloroethyl vinyl ether	1.5	U	10	1.5
67-66-3	Chloroform	0.47	U	1.0	0.47
74-87-3	Chloromethane	0.63	U	1.0	0.63
95-49-8	2-Chlorotoluene	0.57	U	1.0	0.57
106-43-4	4-Chlorotoluene	0.43	U	1.0	0.43
156-59-2	cis-1,2-Dichloroethene	0.46	U	1.0	0.46
10061-01-5	cis-1,3-Dichloropropene	0.61	U	1.0	0.61
124-48-1	Dibromochloromethane	0.39	U	1.0	0.39
96-12-8	1,2-Dibromo-3-Chloropropane	0.91	U	2.0	0.91
106-93-4	1,2-Dibromoethane	0.41	U	1.0	0.41
74-95-3	Dibromomethane	0.40	U	1.0	0.40
95-50-1	1,2-Dichlorobenzene	0.48	U	1.0	0.48
541-73-1	1,3-Dichlorobenzene	0.45	U	1.0	0.45
106-46-7	1,4-Dichlorobenzene	0.41	U	1.0	0.41
75-71-8	Dichlorodifluoromethane	0.35	U	1.0	0.35
75-34-3	1,1-Dichloroethane	0.47	U	1.0	0.47
107-06-2	1,2-Dichloroethane	0.21	U	1.0	0.21
75-35-4	1,1-Dichloroethene	0.49	U	1.0	0.49
78-87-5	1,2-Dichloropropane	0.47	U	1.0	0.47
142-28-9	1,3-Dichloropropane	0.21	U	1.0	0.21
594-20-7	2,2-Dichloropropane	0.78	U	1.0	0.78
563-58-6	1,1-Dichloropropene	0.36	U	1.0	0.36
108-20-3	Diisopropyl ether	0.17	U	10	0.17
100-41-4	Ethylbenzene	0.42	U	1.0	0.42

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 240-524182/8
 Matrix: Water Lab File ID: U1927130.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 04/27/2022 12:24
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 524182 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
637-92-3	Ethyl tert-Butyl Ether (ETBE)	0.40	U	5.0	0.40
87-68-3	Hexachlorobutadiene	0.83	U	1.0	0.83
591-78-6	2-Hexanone	1.1	U	10	1.1
98-82-8	Isopropylbenzene	0.49	U	1.0	0.49
75-09-2	Methylene Chloride	2.6	U	5.0	2.6
108-10-1	4-Methyl-2-pentanone	0.99	U	10	0.99
1634-04-4	Methyl-tert-butyl Ether (MTBE)	0.47	U	1.0	0.47
179601-23-1	m-Xylene & p-Xylene	0.42	U	2.0	0.42
91-20-3	Naphthalene	0.80	U	1.0	0.80
104-51-8	n-Butylbenzene	0.60	U	1.0	0.60
103-65-1	n-Propylbenzene	0.57	U	1.0	0.57
95-47-6	o-Xylene	0.42	U	1.0	0.42
99-87-6	p-Isopropyltoluene	0.56	U	1.0	0.56
135-98-8	sec-Butylbenzene	0.53	U	1.0	0.53
100-42-5	Styrene	0.45	U	1.0	0.45
994-05-8	Tert-amyl-methyl ether (TAME)	0.43	U	5.0	0.43
75-65-0	tert-Butyl alcohol	7.2	U	40	7.2
98-06-6	tert-Butylbenzene	0.48	U	1.0	0.48
630-20-6	1,1,1,2-Tetrachloroethane	0.43	U	1.0	0.43
79-34-5	1,1,2,2-Tetrachloroethane	0.60	U	1.0	0.60
127-18-4	Tetrachloroethene	0.44	U	1.0	0.44
108-88-3	Toluene	0.44	U	1.0	0.44
156-60-5	trans-1,2-Dichloroethene	0.51	U	1.0	0.51
10061-02-6	trans-1,3-Dichloropropene	0.67	U	1.0	0.67
87-61-6	1,2,3-Trichlorobenzene	0.54	U	1.0	0.54
120-82-1	1,2,4-Trichlorobenzene	0.77	U	1.0	0.77
71-55-6	1,1,1-Trichloroethane	0.48	U	1.0	0.48
79-01-6	Trichloroethene	0.44	U	1.0	0.44
75-69-4	Trichlorofluoromethane	0.45	U	1.0	0.45
96-18-4	1,2,3-Trichloropropane	0.52	U	1.0	0.52
76-13-1	1,1,2-Trichloro-1,2,2-trichloroethane	0.41	U	1.0	0.41
526-73-8	1,2,3-Trimethylbenzene	0.31	U	5.0	0.31
95-63-6	1,2,4-Trimethylbenzene	0.52	U	1.0	0.52
108-05-4	Vinyl acetate	0.61	U	2.0	0.61
75-01-4	Vinyl chloride	0.45	U	1.0	0.45

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 240-524182/8
 Matrix: Water Lab File ID: U1927130.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 04/27/2022 12:24
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 524182 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1330-20-7	Xylenes, Total	0.42	U	2.0	0.42

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	100		56-136
1868-53-7	Dibromofluoromethane (Surr)	107		73-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	110		62-137
2037-26-5	Toluene-d8 (Surr)	102		78-122

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 240-524182/8
 Matrix: Water Lab File ID: U1927130.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 04/27/2022 12:24
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 524182 Units: ug/L
 Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Lab File ID: UX001589.D Lab Sample ID: MB 240-524313/8
 Matrix: Water Heated Purge: (Y/N) N
 Instrument ID: A3UX9 Date Analyzed: 04/28/2022 11:35
 GC Column: DB-624 ID: 0.18 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 240-524313/5	UX001586.D	04/28/2022 10:21
TB-042622	240-165585-1	UX001598.D	04/28/2022 15:15
GSP-MW-04-042622	240-165585-2	UX001599.D	04/28/2022 15:40
GSP-DUP01-042622	240-165585-6	UX001600.D	04/28/2022 16:04

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 240-524313/8
 Matrix: Water Lab File ID: UX001589.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 04/28/2022 11:35
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 524313 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	5.4	U	10	5.4
71-43-2	Benzene	0.42	U	1.0	0.42
108-86-1	Bromobenzene	0.50	U	1.0	0.50
74-97-5	Bromochloromethane	0.54	U	1.0	0.54
75-27-4	Bromodichloromethane	0.17	U	1.0	0.17
75-25-2	Bromoform	0.76	U	1.0	0.76
74-83-9	Bromomethane	0.42	U	1.0	0.42
78-93-3	2-Butanone	1.2	U	10	1.2
75-15-0	Carbon disulfide	0.59	U	1.0	0.59
56-23-5	Carbon tetrachloride	0.26	U	1.0	0.26
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
75-00-3	Chloroethane	0.83	U	1.0	0.83
110-75-8	2-Chloroethyl vinyl ether	1.5	U	10	1.5
67-66-3	Chloroform	0.47	U	1.0	0.47
74-87-3	Chloromethane	0.63	U	1.0	0.63
95-49-8	2-Chlorotoluene	0.57	U	1.0	0.57
106-43-4	4-Chlorotoluene	0.43	U	1.0	0.43
156-59-2	cis-1,2-Dichloroethene	0.46	U	1.0	0.46
10061-01-5	cis-1,3-Dichloropropene	0.61	U	1.0	0.61
124-48-1	Dibromochloromethane	0.39	U	1.0	0.39
96-12-8	1,2-Dibromo-3-Chloropropane	0.91	U	2.0	0.91
106-93-4	1,2-Dibromoethane	0.41	U	1.0	0.41
74-95-3	Dibromomethane	0.40	U	1.0	0.40
95-50-1	1,2-Dichlorobenzene	0.48	U	1.0	0.48
541-73-1	1,3-Dichlorobenzene	0.45	U	1.0	0.45
106-46-7	1,4-Dichlorobenzene	0.41	U	1.0	0.41
75-71-8	Dichlorodifluoromethane	0.35	U	1.0	0.35
75-34-3	1,1-Dichloroethane	0.47	U	1.0	0.47
107-06-2	1,2-Dichloroethane	0.21	U	1.0	0.21
75-35-4	1,1-Dichloroethene	0.49	U	1.0	0.49
78-87-5	1,2-Dichloropropane	0.47	U	1.0	0.47
142-28-9	1,3-Dichloropropane	0.21	U	1.0	0.21
594-20-7	2,2-Dichloropropane	0.78	U	1.0	0.78
563-58-6	1,1-Dichloropropene	0.36	U	1.0	0.36
108-20-3	Diisopropyl ether	0.17	U	10	0.17
100-41-4	Ethylbenzene	0.42	U	1.0	0.42

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 240-524313/8
 Matrix: Water Lab File ID: UX001589.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 04/28/2022 11:35
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 524313 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
637-92-3	Ethyl tert-Butyl Ether (ETBE)	0.40	U	5.0	0.40
87-68-3	Hexachlorobutadiene	0.83	U	1.0	0.83
591-78-6	2-Hexanone	1.1	U	10	1.1
98-82-8	Isopropylbenzene	0.49	U	1.0	0.49
75-09-2	Methylene Chloride	2.6	U	5.0	2.6
108-10-1	4-Methyl-2-pentanone	0.99	U	10	0.99
1634-04-4	Methyl-tert-butyl Ether (MTBE)	0.47	U	1.0	0.47
179601-23-1	m-Xylene & p-Xylene	0.42	U	2.0	0.42
91-20-3	Naphthalene	0.80	U	1.0	0.80
104-51-8	n-Butylbenzene	0.60	U	1.0	0.60
103-65-1	n-Propylbenzene	0.57	U	1.0	0.57
95-47-6	o-Xylene	0.42	U	1.0	0.42
99-87-6	p-Isopropyltoluene	0.56	U	1.0	0.56
135-98-8	sec-Butylbenzene	0.53	U	1.0	0.53
100-42-5	Styrene	0.45	U	1.0	0.45
994-05-8	Tert-amyl-methyl ether (TAME)	0.43	U	5.0	0.43
75-65-0	tert-Butyl alcohol	7.2	U	40	7.2
98-06-6	tert-Butylbenzene	0.48	U	1.0	0.48
630-20-6	1,1,1,2-Tetrachloroethane	0.43	U	1.0	0.43
79-34-5	1,1,2,2-Tetrachloroethane	0.60	U	1.0	0.60
127-18-4	Tetrachloroethene	0.44	U	1.0	0.44
108-88-3	Toluene	0.44	U	1.0	0.44
156-60-5	trans-1,2-Dichloroethene	0.51	U	1.0	0.51
10061-02-6	trans-1,3-Dichloropropene	0.67	U	1.0	0.67
87-61-6	1,2,3-Trichlorobenzene	0.54	U	1.0	0.54
120-82-1	1,2,4-Trichlorobenzene	0.77	U	1.0	0.77
71-55-6	1,1,1-Trichloroethane	0.48	U	1.0	0.48
79-01-6	Trichloroethene	0.44	U	1.0	0.44
75-69-4	Trichlorofluoromethane	0.45	U	1.0	0.45
96-18-4	1,2,3-Trichloropropane	0.52	U	1.0	0.52
76-13-1	1,1,2-Trichloro-1,2,2-trichloroethane	0.41	U	1.0	0.41
526-73-8	1,2,3-Trimethylbenzene	0.31	U	5.0	0.31
95-63-6	1,2,4-Trimethylbenzene	0.52	U	1.0	0.52
108-05-4	Vinyl acetate	0.61	U	2.0	0.61
75-01-4	Vinyl chloride	0.45	U	1.0	0.45

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 240-524313/8
 Matrix: Water Lab File ID: UX001589.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 04/28/2022 11:35
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 524313 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1330-20-7	Xylenes, Total	0.42	U	2.0	0.42

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	93		56-136
1868-53-7	Dibromofluoromethane (Surr)	104		73-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		62-137
2037-26-5	Toluene-d8 (Surr)	94		78-122

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 240-524313/8
 Matrix: Water Lab File ID: UX001589.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 04/28/2022 11:35
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 524313 Units: ug/L
 Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Lab File ID: UX001616.D Lab Sample ID: MB 240-524475/8
 Matrix: Water Heated Purge: (Y/N) N
 Instrument ID: A3UX9 Date Analyzed: 04/29/2022 13:06
 GC Column: DB-624 ID: 0.18 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 240-524475/5	UX001613.D	04/29/2022 11:53
TB-042722	240-165675-1	UX001618.D	04/29/2022 13:56
GSP-MW-23I-042722	240-165675-2	UX001619.D	04/29/2022 14:20
GSP-MW-23I-042722 MS	240-165675-2 MS	UX001620.D	04/29/2022 14:44
GSP-MW-23I-042722 MSD	240-165675-2 MSD	UX001621.D	04/29/2022 15:09
GSP-MW-07-042722	240-165675-3	UX001622.D	04/29/2022 15:33
GSP-MW-13-042722	240-165675-4	UX001623.D	04/29/2022 15:58

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 240-524475/8
 Matrix: Water Lab File ID: UX001616.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 04/29/2022 13:06
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 524475 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	5.4	U	10	5.4
71-43-2	Benzene	0.42	U	1.0	0.42
108-86-1	Bromobenzene	0.50	U	1.0	0.50
74-97-5	Bromochloromethane	0.54	U	1.0	0.54
75-27-4	Bromodichloromethane	0.17	U	1.0	0.17
75-25-2	Bromoform	0.76	U	1.0	0.76
74-83-9	Bromomethane	0.42	U	1.0	0.42
78-93-3	2-Butanone	1.2	U	10	1.2
75-15-0	Carbon disulfide	0.59	U	1.0	0.59
56-23-5	Carbon tetrachloride	0.26	U	1.0	0.26
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
75-00-3	Chloroethane	0.83	U	1.0	0.83
110-75-8	2-Chloroethyl vinyl ether	1.5	U	10	1.5
67-66-3	Chloroform	0.47	U	1.0	0.47
74-87-3	Chloromethane	0.63	U	1.0	0.63
95-49-8	2-Chlorotoluene	0.57	U	1.0	0.57
106-43-4	4-Chlorotoluene	0.43	U	1.0	0.43
156-59-2	cis-1,2-Dichloroethene	0.46	U	1.0	0.46
10061-01-5	cis-1,3-Dichloropropene	0.61	U	1.0	0.61
124-48-1	Dibromochloromethane	0.39	U	1.0	0.39
96-12-8	1,2-Dibromo-3-Chloropropane	0.91	U	2.0	0.91
106-93-4	1,2-Dibromoethane	0.41	U	1.0	0.41
74-95-3	Dibromomethane	0.40	U	1.0	0.40
95-50-1	1,2-Dichlorobenzene	0.48	U	1.0	0.48
541-73-1	1,3-Dichlorobenzene	0.45	U	1.0	0.45
106-46-7	1,4-Dichlorobenzene	0.41	U	1.0	0.41
75-71-8	Dichlorodifluoromethane	0.35	U	1.0	0.35
75-34-3	1,1-Dichloroethane	0.47	U	1.0	0.47
107-06-2	1,2-Dichloroethane	0.21	U	1.0	0.21
75-35-4	1,1-Dichloroethene	0.49	U	1.0	0.49
78-87-5	1,2-Dichloropropane	0.47	U	1.0	0.47
142-28-9	1,3-Dichloropropane	0.21	U	1.0	0.21
594-20-7	2,2-Dichloropropane	0.78	U	1.0	0.78
563-58-6	1,1-Dichloropropene	0.36	U	1.0	0.36
108-20-3	Diisopropyl ether	0.17	U	10	0.17
100-41-4	Ethylbenzene	0.42	U	1.0	0.42

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 240-524475/8
 Matrix: Water Lab File ID: UX001616.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 04/29/2022 13:06
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 524475 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
637-92-3	Ethyl tert-Butyl Ether (ETBE)	0.40	U	5.0	0.40
87-68-3	Hexachlorobutadiene	0.83	U	1.0	0.83
591-78-6	2-Hexanone	1.1	U	10	1.1
98-82-8	Isopropylbenzene	0.49	U	1.0	0.49
75-09-2	Methylene Chloride	2.6	U	5.0	2.6
108-10-1	4-Methyl-2-pentanone	0.99	U	10	0.99
1634-04-4	Methyl-tert-butyl Ether (MTBE)	0.47	U	1.0	0.47
179601-23-1	m-Xylene & p-Xylene	0.42	U	2.0	0.42
91-20-3	Naphthalene	0.80	U	1.0	0.80
104-51-8	n-Butylbenzene	0.60	U	1.0	0.60
103-65-1	n-Propylbenzene	0.57	U	1.0	0.57
95-47-6	o-Xylene	0.42	U	1.0	0.42
99-87-6	p-Isopropyltoluene	0.56	U	1.0	0.56
135-98-8	sec-Butylbenzene	0.53	U	1.0	0.53
100-42-5	Styrene	0.45	U	1.0	0.45
994-05-8	Tert-amyl-methyl ether (TAME)	0.43	U	5.0	0.43
75-65-0	tert-Butyl alcohol	7.2	U	40	7.2
98-06-6	tert-Butylbenzene	0.48	U	1.0	0.48
630-20-6	1,1,1,2-Tetrachloroethane	0.43	U	1.0	0.43
79-34-5	1,1,2,2-Tetrachloroethane	0.60	U	1.0	0.60
127-18-4	Tetrachloroethene	0.44	U	1.0	0.44
108-88-3	Toluene	0.44	U	1.0	0.44
156-60-5	trans-1,2-Dichloroethene	0.51	U	1.0	0.51
10061-02-6	trans-1,3-Dichloropropene	0.67	U	1.0	0.67
87-61-6	1,2,3-Trichlorobenzene	0.54	U	1.0	0.54
120-82-1	1,2,4-Trichlorobenzene	0.77	U	1.0	0.77
71-55-6	1,1,1-Trichloroethane	0.48	U	1.0	0.48
79-01-6	Trichloroethene	0.44	U	1.0	0.44
75-69-4	Trichlorofluoromethane	0.45	U	1.0	0.45
96-18-4	1,2,3-Trichloropropane	0.52	U	1.0	0.52
76-13-1	1,1,2-Trichloro-1,2,2-trichloroethane	0.41	U	1.0	0.41
526-73-8	1,2,3-Trimethylbenzene	0.31	U	5.0	0.31
95-63-6	1,2,4-Trimethylbenzene	0.52	U	1.0	0.52
108-05-4	Vinyl acetate	0.61	U	2.0	0.61
75-01-4	Vinyl chloride	0.45	U	1.0	0.45

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 240-524475/8
 Matrix: Water Lab File ID: UX001616.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 04/29/2022 13:06
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 524475 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1330-20-7	Xylenes, Total	0.42	U	2.0	0.42

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	89		56-136
1868-53-7	Dibromofluoromethane (Surr)	99		73-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		62-137
2037-26-5	Toluene-d8 (Surr)	91		78-122

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 240-524475/8
 Matrix: Water Lab File ID: UX001616.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 04/29/2022 13:06
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 524475 Units: ug/L
 Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Lab File ID: UX001645.D Lab Sample ID: MB 240-524633/8
 Matrix: Water Heated Purge: (Y/N) N
 Instrument ID: A3UX9 Date Analyzed: 05/02/2022 12:10
 GC Column: DB-624 ID: 0.18 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 240-524633/5	UX001642.D	05/02/2022 10:56
GSP-MW-23I-042722	240-165675-2	UX001646.D	05/02/2022 12:34
GSP-MW-23I-042722 MS	240-165675-2 MS	UX001647.D	05/02/2022 12:59
GSP-MW-23I-042722 MSD	240-165675-2 MSD	UX001648.D	05/02/2022 13:23

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 240-524633/8
 Matrix: Water Lab File ID: UX001645.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 05/02/2022 12:10
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 524633 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	5.4	U	10	5.4
71-43-2	Benzene	0.42	U	1.0	0.42
108-86-1	Bromobenzene	0.50	U	1.0	0.50
74-97-5	Bromochloromethane	0.54	U	1.0	0.54
75-27-4	Bromodichloromethane	0.17	U	1.0	0.17
75-25-2	Bromoform	0.76	U	1.0	0.76
74-83-9	Bromomethane	0.42	U	1.0	0.42
78-93-3	2-Butanone	1.2	U	10	1.2
75-15-0	Carbon disulfide	0.59	U	1.0	0.59
56-23-5	Carbon tetrachloride	0.26	U	1.0	0.26
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
75-00-3	Chloroethane	0.83	U	1.0	0.83
110-75-8	2-Chloroethyl vinyl ether	1.5	U	10	1.5
67-66-3	Chloroform	0.47	U	1.0	0.47
74-87-3	Chloromethane	0.63	U	1.0	0.63
95-49-8	2-Chlorotoluene	0.57	U	1.0	0.57
106-43-4	4-Chlorotoluene	0.43	U	1.0	0.43
156-59-2	cis-1,2-Dichloroethene	0.46	U	1.0	0.46
10061-01-5	cis-1,3-Dichloropropene	0.61	U	1.0	0.61
124-48-1	Dibromochloromethane	0.39	U	1.0	0.39
96-12-8	1,2-Dibromo-3-Chloropropane	0.91	U	2.0	0.91
106-93-4	1,2-Dibromoethane	0.41	U	1.0	0.41
74-95-3	Dibromomethane	0.40	U	1.0	0.40
95-50-1	1,2-Dichlorobenzene	0.48	U	1.0	0.48
541-73-1	1,3-Dichlorobenzene	0.45	U	1.0	0.45
106-46-7	1,4-Dichlorobenzene	0.41	U	1.0	0.41
75-71-8	Dichlorodifluoromethane	0.35	U	1.0	0.35
75-34-3	1,1-Dichloroethane	0.47	U	1.0	0.47
107-06-2	1,2-Dichloroethane	0.21	U	1.0	0.21
75-35-4	1,1-Dichloroethene	0.49	U	1.0	0.49
78-87-5	1,2-Dichloropropane	0.47	U	1.0	0.47
142-28-9	1,3-Dichloropropane	0.21	U	1.0	0.21
594-20-7	2,2-Dichloropropane	0.78	U	1.0	0.78
563-58-6	1,1-Dichloropropene	0.36	U	1.0	0.36
108-20-3	Diisopropyl ether	0.17	U	10	0.17
100-41-4	Ethylbenzene	0.42	U	1.0	0.42

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 240-524633/8
 Matrix: Water Lab File ID: UX001645.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 05/02/2022 12:10
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 524633 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
637-92-3	Ethyl tert-Butyl Ether (ETBE)	0.40	U	5.0	0.40
87-68-3	Hexachlorobutadiene	0.83	U	1.0	0.83
591-78-6	2-Hexanone	1.1	U	10	1.1
98-82-8	Isopropylbenzene	0.49	U	1.0	0.49
75-09-2	Methylene Chloride	2.6	U	5.0	2.6
108-10-1	4-Methyl-2-pentanone	0.99	U	10	0.99
1634-04-4	Methyl-tert-butyl Ether (MTBE)	0.47	U	1.0	0.47
179601-23-1	m-Xylene & p-Xylene	0.42	U	2.0	0.42
91-20-3	Naphthalene	0.80	U	1.0	0.80
104-51-8	n-Butylbenzene	0.60	U	1.0	0.60
103-65-1	n-Propylbenzene	0.57	U	1.0	0.57
95-47-6	o-Xylene	0.42	U	1.0	0.42
99-87-6	p-Isopropyltoluene	0.56	U	1.0	0.56
135-98-8	sec-Butylbenzene	0.53	U	1.0	0.53
100-42-5	Styrene	0.45	U	1.0	0.45
994-05-8	Tert-amyl-methyl ether (TAME)	0.43	U	5.0	0.43
75-65-0	tert-Butyl alcohol	7.2	U	40	7.2
98-06-6	tert-Butylbenzene	0.48	U	1.0	0.48
630-20-6	1,1,1,2-Tetrachloroethane	0.43	U	1.0	0.43
79-34-5	1,1,2,2-Tetrachloroethane	0.60	U	1.0	0.60
127-18-4	Tetrachloroethene	0.44	U	1.0	0.44
108-88-3	Toluene	0.44	U	1.0	0.44
156-60-5	trans-1,2-Dichloroethene	0.51	U	1.0	0.51
10061-02-6	trans-1,3-Dichloropropene	0.67	U	1.0	0.67
87-61-6	1,2,3-Trichlorobenzene	0.54	U	1.0	0.54
120-82-1	1,2,4-Trichlorobenzene	0.77	U	1.0	0.77
71-55-6	1,1,1-Trichloroethane	0.48	U	1.0	0.48
79-01-6	Trichloroethene	0.44	U	1.0	0.44
75-69-4	Trichlorofluoromethane	0.45	U	1.0	0.45
96-18-4	1,2,3-Trichloropropane	0.52	U	1.0	0.52
76-13-1	1,1,2-Trichloro-1,2,2-trichloroethane	0.41	U	1.0	0.41
526-73-8	1,2,3-Trimethylbenzene	0.31	U	5.0	0.31
95-63-6	1,2,4-Trimethylbenzene	0.52	U	1.0	0.52
108-05-4	Vinyl acetate	0.61	U	2.0	0.61
75-01-4	Vinyl chloride	0.45	U	1.0	0.45

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 240-524633/8
 Matrix: Water Lab File ID: UX001645.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 05/02/2022 12:10
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 524633 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1330-20-7	Xylenes, Total	0.42	U	2.0	0.42

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	94		56-136
1868-53-7	Dibromofluoromethane (Surr)	104		73-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		62-137
2037-26-5	Toluene-d8 (Surr)	95		78-122

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 240-524633/8
 Matrix: Water Lab File ID: UX001645.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 05/02/2022 12:10
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 524633 Units: ug/L
 Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Lab File ID: u1290469.D Lab Sample ID: MB 240-525559/8
 Matrix: Water Heated Purge: (Y/N) N
 Instrument ID: A3UX12 Date Analyzed: 05/09/2022 11:05
 GC Column: DB-624 ID: 0.18 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 240-525559/5	u1290466.D	05/09/2022 09:59
TB-042822	240-165824-1	u1290474.D	05/09/2022 13:02
GSP-MW-32S-042822	240-165824-2	u1290475.D	05/09/2022 13:24
GSP-MW-32D-042822	240-165824-3	u1290476.D	05/09/2022 13:46
GSP-MW-28-042822	240-165824-5	u1290477.D	05/09/2022 14:08
GSP-MW-32S-042822	240-165824-2	u1290492.D	05/09/2022 19:46

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 240-525559/8
 Matrix: Water Lab File ID: u1290469.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 05/09/2022 11:05
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 525559 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	5.4	U	10	5.4
71-43-2	Benzene	0.42	U	1.0	0.42
108-86-1	Bromobenzene	0.50	U	1.0	0.50
74-97-5	Bromochloromethane	0.54	U	1.0	0.54
75-27-4	Bromodichloromethane	0.17	U	1.0	0.17
75-25-2	Bromoform	0.76	U	1.0	0.76
74-83-9	Bromomethane	0.42	U	1.0	0.42
78-93-3	2-Butanone	1.2	U	10	1.2
75-15-0	Carbon disulfide	0.59	U	1.0	0.59
56-23-5	Carbon tetrachloride	0.26	U	1.0	0.26
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
75-00-3	Chloroethane	0.83	U	1.0	0.83
110-75-8	2-Chloroethyl vinyl ether	1.5	U	10	1.5
67-66-3	Chloroform	0.47	U	1.0	0.47
74-87-3	Chloromethane	0.63	U	1.0	0.63
95-49-8	2-Chlorotoluene	0.57	U	1.0	0.57
106-43-4	4-Chlorotoluene	0.43	U	1.0	0.43
156-59-2	cis-1,2-Dichloroethene	0.46	U	1.0	0.46
10061-01-5	cis-1,3-Dichloropropene	0.61	U	1.0	0.61
124-48-1	Dibromochloromethane	0.39	U	1.0	0.39
96-12-8	1,2-Dibromo-3-Chloropropane	0.91	U	2.0	0.91
106-93-4	1,2-Dibromoethane	0.41	U	1.0	0.41
74-95-3	Dibromomethane	0.40	U	1.0	0.40
95-50-1	1,2-Dichlorobenzene	0.48	U	1.0	0.48
541-73-1	1,3-Dichlorobenzene	0.45	U	1.0	0.45
106-46-7	1,4-Dichlorobenzene	0.41	U	1.0	0.41
75-71-8	Dichlorodifluoromethane	0.35	U	1.0	0.35
75-34-3	1,1-Dichloroethane	0.47	U	1.0	0.47
107-06-2	1,2-Dichloroethane	0.21	U	1.0	0.21
75-35-4	1,1-Dichloroethene	0.49	U	1.0	0.49
78-87-5	1,2-Dichloropropane	0.47	U	1.0	0.47
142-28-9	1,3-Dichloropropane	0.21	U	1.0	0.21
594-20-7	2,2-Dichloropropane	0.78	U	1.0	0.78
563-58-6	1,1-Dichloropropene	0.36	U	1.0	0.36
108-20-3	Diisopropyl ether	0.17	U	10	0.17
100-41-4	Ethylbenzene	0.42	U	1.0	0.42

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 240-525559/8
 Matrix: Water Lab File ID: u1290469.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 05/09/2022 11:05
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 525559 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
637-92-3	Ethyl tert-Butyl Ether (ETBE)	0.40	U	5.0	0.40
87-68-3	Hexachlorobutadiene	0.83	U	1.0	0.83
591-78-6	2-Hexanone	1.1	U	10	1.1
98-82-8	Isopropylbenzene	0.49	U	1.0	0.49
75-09-2	Methylene Chloride	2.6	U	5.0	2.6
108-10-1	4-Methyl-2-pentanone	0.99	U	10	0.99
1634-04-4	Methyl-tert-butyl Ether (MTBE)	0.47	U	1.0	0.47
179601-23-1	m-Xylene & p-Xylene	0.42	U	2.0	0.42
91-20-3	Naphthalene	0.80	U	1.0	0.80
104-51-8	n-Butylbenzene	0.60	U	1.0	0.60
103-65-1	n-Propylbenzene	0.57	U	1.0	0.57
95-47-6	o-Xylene	0.42	U	1.0	0.42
99-87-6	p-Isopropyltoluene	0.56	U	1.0	0.56
135-98-8	sec-Butylbenzene	0.53	U	1.0	0.53
100-42-5	Styrene	0.45	U	1.0	0.45
994-05-8	Tert-amyl-methyl ether (TAME)	0.43	U	5.0	0.43
75-65-0	tert-Butyl alcohol	7.2	U	40	7.2
98-06-6	tert-Butylbenzene	0.48	U	1.0	0.48
630-20-6	1,1,1,2-Tetrachloroethane	0.43	U	1.0	0.43
79-34-5	1,1,2,2-Tetrachloroethane	0.60	U	1.0	0.60
127-18-4	Tetrachloroethene	0.44	U	1.0	0.44
108-88-3	Toluene	0.44	U	1.0	0.44
156-60-5	trans-1,2-Dichloroethene	0.51	U	1.0	0.51
10061-02-6	trans-1,3-Dichloropropene	0.67	U	1.0	0.67
87-61-6	1,2,3-Trichlorobenzene	0.54	U	1.0	0.54
120-82-1	1,2,4-Trichlorobenzene	0.77	U	1.0	0.77
71-55-6	1,1,1-Trichloroethane	0.48	U	1.0	0.48
79-01-6	Trichloroethene	0.44	U	1.0	0.44
75-69-4	Trichlorofluoromethane	0.45	U	1.0	0.45
96-18-4	1,2,3-Trichloropropane	0.52	U	1.0	0.52
76-13-1	1,1,2-Trichloro-1,2,2-trichloroethane	0.41	U	1.0	0.41
526-73-8	1,2,3-Trimethylbenzene	0.31	U	5.0	0.31
95-63-6	1,2,4-Trimethylbenzene	0.52	U	1.0	0.52
108-05-4	Vinyl acetate	0.61	U	2.0	0.61
75-01-4	Vinyl chloride	0.45	U	1.0	0.45

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 240-525559/8
 Matrix: Water Lab File ID: u1290469.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 05/09/2022 11:05
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 525559 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1330-20-7	Xylenes, Total	0.42	U	2.0	0.42

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	86		56-136
1868-53-7	Dibromofluoromethane (Surr)	92		73-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		62-137
2037-26-5	Toluene-d8 (Surr)	90		78-122

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 240-525559/8
 Matrix: Water Lab File ID: u1290469.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 05/09/2022 11:05
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 525559 Units: ug/L
 Number TICs Found: 1 TIC Result Total: 5.02

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Unknown	1.89	5.02	T J	

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Lab File ID: bfb4838.D BFB Injection Date: 04/20/2022
 Instrument ID: A3UX12 BFB Injection Time: 09:19
 Analysis Batch No.: 523289

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	20.4
75	30.0 - 60.0 % of mass 95	51.0
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	6.5
173	Less than 2.0 % of mass 174	0.0 (0.0) 1
174	Greater than 50% of mass 95	88.5
175	5.0 - 9.0 % of mass 174	6.6 (7.5) 1
176	95.0 - 101.0 % of mass 174	86.6 (97.9) 1
177	5.0 - 9.0 % of mass 176	5.8 (6.7) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD8260 240-523289/9	u1290136.D	04/20/2022	12:50
	STD8260 240-523289/10	u1290137.D	04/20/2022	13:12
	STD8260 240-523289/11	u1290138.D	04/20/2022	13:34
	STD8260 240-523289/12	u1290139.D	04/20/2022	13:56
	ICIS 240-523289/13	u1290140.D	04/20/2022	14:18
	STD8260 240-523289/14	u1290141.D	04/20/2022	14:40
	STD8260 240-523289/15	u1290142.D	04/20/2022	15:02
	STD8260 240-523289/16	u1290143.D	04/20/2022	15:24
	ICV 240-523289/17	u1290144.D	04/20/2022	15:46
	STDA9 240-523289/21	u1290147.D	04/20/2022	16:52
	STDA9 240-523289/22	u1290148.D	04/20/2022	17:15
	STDA9 240-523289/23	u1290149.D	04/20/2022	17:37
	STDA9 240-523289/24	u1290150.D	04/20/2022	17:59
	STDA9 240-523289/25	u1290151.D	04/20/2022	18:21
	STDA9 240-523289/26	u1290152.D	04/20/2022	18:43
	ICV 240-523289/27	u1290153.D	04/20/2022	19:05

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Canton Job No.: 240-165545-1 Analy Batch No.: 523289

SDG No.: _____

Instrument ID: A3UX12 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/20/2022 12:50 Calibration End Date: 04/20/2022 15:24 Calibration ID: 65337

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8260 240-523289/9	u1290136.D
Level 2	STD8260 240-523289/10	u1290137.D
Level 3	STD8260 240-523289/11	u1290138.D
Level 4	STD8260 240-523289/12	u1290139.D
Level 5	ICIS 240-523289/13	u1290140.D
Level 6	STD8260 240-523289/14	u1290141.D
Level 7	STD8260 240-523289/15	u1290142.D
Level 8	STD8260 240-523289/16	u1290143.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
Dichlorodifluoromethane	0.3906 0.3351	0.3618 0.3211	0.4044 0.3286	0.3278	0.3400	Ave	0.351 2			0.1000	8.9		20.0				
Chloromethane	0.4039 0.3265	0.3677 0.3158	0.4113 0.3229	0.3487	0.3354	Ave	0.354 0			0.1000	10.4		20.0				
Vinyl chloride	0.3459 0.3265	0.3731 0.3145	0.4076 0.3253	0.3358	0.3288	Ave	0.344 7			0.1000	9.0		20.0				
Butadiene	0.3951 0.3325	0.3852 0.3191	0.3974 0.3248	0.3387	0.3313	Ave	0.353 0				9.5		20.0				
Bromomethane	0.2626 0.2196	0.2433 0.2133	0.2632 0.2237	0.2259	0.2203	Ave	0.234 0			0.0500	8.5		20.0				
Chloroethane	0.2420 0.2129	0.2227 0.2061	0.2506 0.2137	0.2211	0.2136	Ave	0.222 8			0.0500	7.0		20.0				
Dichlorofluoromethane	0.5733 0.4802	0.5264 0.4672	0.5971 0.4788	0.5077	0.4911	Ave	0.515 2				9.2		20.0				
Trichlorofluoromethane	0.4469 0.4406	0.4471 0.4264	0.5249 0.4334	0.4405	0.4399	Ave	0.450 0			0.1000	6.9		20.0				
Ethyl ether	0.2141 0.1941	0.1988 0.1978	0.2066 0.1898	0.1955	0.1918	Ave	0.198 5				4.1		20.0				
Acrolein	0.0332 0.0417	0.0291 0.0418	0.0321 0.0403	0.0297	0.0325	Ave	0.035 0				15.2		20.0				
1,1-Dichloroethene	0.4178 0.3782	0.3715 0.3711	0.4177 0.3841	0.3901	0.3806	Ave	0.388 9			0.1000	4.9		20.0				
1,1,2-Trichloro-1,2,2-trichfluoroe thane	0.2921 0.2508	0.2350 0.2427	0.2922 0.2484	0.2617	0.2548	Ave	0.259 7			0.0500	8.3		20.0				
Acetone	++++ 0.0688	0.0925 0.0670	0.0908 0.0592	0.0651	0.0679	Ave	0.073 0			0.0100	17.9		20.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Canton Job No.: 240-165545-1 Analy Batch No.: 523289

SDG No.: _____

Instrument ID: A3UX12 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/20/2022 12:50 Calibration End Date: 04/20/2022 15:24 Calibration ID: 65337

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
Iodomethane	0.4177 0.3806	0.3719 0.3736	0.4096 0.3855	0.3927	0.3865	Ave		0.389 7			4.2		20.0				
Carbon disulfide	0.9593 0.7044	0.7973 0.6831	0.8346 0.7083	0.7591	0.7168	Ave		0.770 4		0.1000	12.0		20.0				
Methyl acetate	0.2420 0.1975	0.1964 0.1971	0.2026 0.1814	0.1826	0.1900	Ave		0.198 7		0.1000	9.6		20.0				
3-Chloro-1-propene	0.4811 0.3723	0.4194 0.3658	0.4112 0.3753	0.3770	0.3717	Ave		0.396 7			9.9		20.0				
Methylene Chloride	++++ 0.3263	0.8324 0.3192	0.5909 0.3262	0.3771	0.3423	Lin1	0.531 4	0.315 5		0.1000	2.9			1.0000		0.9900	
tert-Butyl alcohol	0.0243 0.0212	0.0220 0.0202	0.0224 0.0183	0.0199	0.0222	Ave		0.021 3			8.6		20.0				
Acrylonitrile	0.0799 0.0971	0.0837 0.0957	0.0830 0.0882	0.0866	0.0925	Ave		0.088 3			7.1		20.0				
Methyl-tert-butyl Ether (MTBE)	0.6725 0.7485	0.6018 0.7355	0.5808 0.7467	0.6225	0.6414	Ave		0.668 7		0.1000	10.1		20.0				
trans-1,2-Dichloroethene	0.4038 0.3709	0.3468 0.3660	0.3895 0.3792	0.3764	0.3797	Ave		0.376 6		0.1000	4.4		20.0				
Hexane	0.4224 0.4049	0.3503 0.4101	0.4055 0.4050	0.3920	0.3798	Ave		0.396 3			5.7		20.0				
Vinyl acetate	0.4844 0.4367	0.4170 0.4593	0.4548 0.4115	0.4051	0.4014	Ave		0.433 8			6.9		20.0				
1,1-Dichloroethane	0.4857 0.4712	0.4509 0.4683	0.4861 0.4753	0.4779	0.4668	Ave		0.472 8		0.2000	2.4		20.0				
2-Butanone	0.0310 0.0365	0.0318 0.0363	0.0306 0.0317	0.0311	0.0347	Ave		0.033 0		0.0100	7.5		20.0				
cis-1,2-Dichloroethene	0.2833 0.2823	0.2644 0.2720	0.2724 0.2678	0.2645	0.2689	Ave		0.272 0		0.1000	2.7		20.0				
2,2-Dichloropropane	0.3396 0.3037	0.2762 0.2874	0.3282 0.3000	0.3081	0.2973	Ave		0.305 1			6.8		20.0				
Bromochloromethane	0.2407 0.1987	0.2158 0.1970	0.2082 0.1992	0.1943	0.1990	Ave		0.206 6			7.5		20.0				
Tetrahydrofuran	++++ 0.0891	0.0910 0.0894	0.0813 0.0815	0.0820	0.0863	Ave		0.085 8			4.8		20.0				
Chloroform	0.4908 0.4393	0.4630 0.4383	0.4634 0.4472	0.4441	0.4373	Ave		0.452 9		0.2000	4.1		20.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Canton Job No.: 240-165545-1 Analy Batch No.: 523289

SDG No.: _____

Instrument ID: A3UX12 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/20/2022 12:50 Calibration End Date: 04/20/2022 15:24 Calibration ID: 65337

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
1,1,1-Trichloroethane	0.4185 0.4021	0.3545 0.3969	0.4158 0.4034	0.3953	0.3932	Ave		0.397 4		0.1000	4.9		20.0				
Cyclohexane	0.4287 0.4214	0.3726 0.4077	0.4295 0.4175	0.4197	0.4134	Ave		0.413 8		0.1000	4.4		20.0				
1,1-Dichloropropene	0.3947 0.3980	0.3815 0.3898	0.4114 0.3959	0.3929	0.3913	Ave		0.394 4			2.1		20.0				
Carbon tetrachloride	0.3619 0.3417	0.3043 0.3336	0.3455 0.3438	0.3403	0.3304	Ave		0.337 7		0.1000	4.9		20.0				
Isobutyl alcohol	0.0099 0.0112	0.0077 0.0110	0.0072 0.0089	0.0089	0.0108	Ave		0.009 5			16.1		20.0				
Benzene	1.1259 1.0866	1.0376 1.0614	1.1271 1.0676	1.0799	1.0650	Ave		1.081 4		0.5000	2.9		20.0				
1,2-Dichloroethane	0.3487 0.3597	0.3417 0.3540	0.3756 0.3474	0.3453	0.3489	Ave		0.352 7		0.1000	3.0		20.0				
n-Heptane	++++ 0.1769	++++ 0.1745	0.1609 0.1696	0.1542	0.1882	Ave		0.170 7			7.1		20.0				
Trichloroethene	0.3431 0.2962	0.2874 0.2931	0.3179 0.2935	0.2887	0.2952	Ave		0.301 9		0.1500	6.3		20.0				
Methylcyclohexane	0.4221 0.4500	0.3942 0.4460	0.4562 0.4506	0.4320	0.4309	Ave		0.435 2		0.1000	4.7		20.0				
1,2-Dichloropropane	0.2664 0.2540	0.2400 0.2568	0.2480 0.2561	0.2413	0.2492	Ave		0.251 5		0.1000	3.5		20.0				
1,4-Dioxane	++++ 0.0024	0.0006 0.0022	0.0027 ++++	0.0024	0.0024	Lin1	-0.01 8	0.002 4			25.5			0.9950		0.9900	
Dibromomethane	0.1791 0.1877	0.1740 0.1832	0.1844 0.1808	0.1849	0.1765	Ave		0.181 3			2.5		20.0				
Bromodichloromethane	0.3686 0.3262	0.3203 0.3254	0.3335 0.3282	0.3130	0.3143	Ave		0.328 7		0.1500	5.3		20.0				
2-Chloroethyl vinyl ether	0.1686 0.1813	0.1445 0.1885	0.1526 0.1807	0.1525	0.1669	Ave		0.167 0			9.6		20.0				
cis-1,3-Dichloropropene	0.4113 0.4123	0.3458 0.4190	0.3875 0.4186	0.3773	0.3912	Ave		0.395 4		0.1500	6.4		20.0				
4-Methyl-2-pentanone	0.2747 0.3110	0.2749 0.3143	0.2740 0.2947	0.2721	0.2878	Ave		0.287 9		0.0500	6.0		20.0				
Toluene	1.6763 1.5711	1.4932 1.5751	1.5793 1.5541	1.6003	1.5820	Ave		1.578 9		0.4000	3.2		20.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Canton Job No.: 240-165545-1 Analy Batch No.: 523289

SDG No.: _____

Instrument ID: A3UX12 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/20/2022 12:50 Calibration End Date: 04/20/2022 15:24 Calibration ID: 65337

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
trans-1,3-Dichloropropene	0.5296 0.5384	0.4700 0.5440	0.4862 0.5366	0.5005	0.5097	Ave		0.514 4		0.1000	5.3		20.0				
Ethyl methacrylate	0.3819 0.4723	0.3405 0.4930	0.3927 0.4772	0.4158	0.4368	Ave		0.426 3			12.5		20.0				
1,1,2-Trichloroethane	0.3168 0.3127	0.2831 0.3083	0.3098 0.3000	0.3029	0.2964	Ave		0.303 7		0.1000	3.5		20.0				
Tetrachloroethene	0.4772 0.4297	0.4253 0.4300	0.4566 0.4256	0.4406	0.4307	Ave		0.439 5		0.1500	4.2		20.0				
1,3-Dichloropropane	0.6112 0.5642	0.5475 0.5606	0.5499 0.5478	0.5437	0.5403	Ave		0.558 1			4.1		20.0				
2-Hexanone	0.2557 0.3074	0.2468 0.3161	0.2673 0.2887	0.2789	0.2869	Ave		0.281 0		0.0500	8.5		20.0				
Dibromochloromethane	0.3396 0.3258	0.2779 0.3261	0.2952 0.3279	0.3074	0.3083	Ave		0.313 5			6.4		20.0				
1,2-Dibromoethane	0.3364 0.3292	0.3047 0.3283	0.3306 0.3226	0.3127	0.3166	Ave		0.322 6			3.3		20.0				
Chlorobenzene	1.1239 0.9629	0.9728 0.9780	1.0212 0.9570	0.9755	0.9614	Ave		0.994 1		0.3000	5.6		20.0				
1,1,1,2-Tetrachloroethane	0.3510 0.3239	0.3130 0.3219	0.3104 0.3284	0.3198	0.3126	Ave		0.322 6			4.0		20.0				
Ethylbenzene	0.4987 0.5422	0.4920 0.5476	0.5071 0.5415	0.5284	0.5310	Ave		0.523 6			4.1		20.0				
m-Xylene & p-Xylene	0.6208 0.6649	0.5472 0.6691	0.6305 0.6624	0.6497	0.6533	Ave		0.637 2			6.3		20.0				
o-Xylene	0.6099 0.6263	0.5037 0.6232	0.5882 0.6255	0.6062	0.6081	Ave		0.598 9			6.8		20.0				
Styrene	0.9720 1.0714	0.8621 1.0755	0.9107 1.0628	0.9937	1.0297	Ave		0.997 2		0.3000	7.9		20.0				
Bromoform	0.2175 0.2385	0.1959 0.2437	0.2007 0.2397	0.2145	0.2212	Ave		0.221 4		0.1000	8.1		20.0				
Isopropylbenzene	1.4897 1.6460	1.3244 1.6338	1.5147 1.6312	1.5904	1.6075	Ave		1.554 7		0.1000	7.0		20.0				
1,1,2,2-Tetrachloroethane	0.9159 0.8309	0.7812 0.8203	0.8272 0.7648	0.7909	0.8111	Ave		0.817 8		0.3000	5.6		20.0				
trans-1,4-Dichloro-2-butene	0.2891 0.2799	0.2630 0.2927	0.2618 0.2700	0.2516	0.2668	Ave		0.271 9			5.2		20.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Canton Job No.: 240-165545-1 Analy Batch No.: 523289

SDG No.: _____

Instrument ID: A3UX12 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/20/2022 12:50 Calibration End Date: 04/20/2022 15:24 Calibration ID: 65337

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
Bromobenzene	0.9083 0.8130	0.7857 0.8171	0.8223 0.7868	0.7868	0.8237	Ave		0.817 9			4.9		20.0				
1,2,3-Trichloropropane	0.3638 0.2827	0.2783 0.2760	0.2795 0.2591	0.2678	0.2726	Ave		0.285 0			11.5		20.0				
n-Propylbenzene	0.7619 0.8746	0.7368 0.8752	0.8250 0.8346	0.8165	0.8639	Ave		0.823 6			6.2		20.0				
2-Chlorotoluene	0.7020 0.7126	0.6377 0.7332	0.6994 0.7034	0.7115	0.7232	Ave		0.702 9			4.1		20.0				
1,3,5-Trimethylbenzene	2.1820 2.4053	1.9244 2.4265	2.1805 2.3691	2.2781	2.4026	Ave		2.271 1			7.5		20.0				
4-Chlorotoluene	0.7747 0.7617	0.6517 0.7803	0.8048 0.7378	0.7492	0.7734	Ave		0.754 2			6.1		20.0				
tert-Butylbenzene	1.9096 2.1736	1.8208 2.1878	1.9834 2.1179	2.0430	2.1737	Ave		2.051 2			6.7		20.0				
1,2,4-Trimethylbenzene	2.0352 2.4255	1.9087 2.4298	2.2229 2.3834	2.3015	2.4209	Ave		2.266 0			8.7		20.0				
sec-Butylbenzene	2.5113 2.9491	2.3688 2.9357	2.7234 2.8813	2.8096	2.9731	Ave		2.769 0			8.0		20.0				
p-Isopropyltoluene	2.1538 2.4844	1.8926 2.5119	2.2277 2.4772	2.3250	2.4933	Ave		2.320 7			9.5		20.0				
1,3-Dichlorobenzene	1.5213 1.4534	1.5057 1.4370	1.5706 1.4010	1.4362	1.4723	Ave		1.474 7		0.6000	3.7		20.0				
1,4-Dichlorobenzene	1.8538 1.4663	1.5516 1.4637	1.6413 1.4278	1.4584	1.5092	Ave		1.546 5		0.5000	9.1		20.0				
n-Butylbenzene	1.9600 2.0416	1.7263 2.0449	1.9697 2.0599	1.8776	2.0431	Ave		1.965 4			5.8		20.0				
1,2-Dichlorobenzene	1.5827 1.3566	1.2740 1.3350	1.4453 1.3142	1.3154	1.3634	Ave		1.373 3		0.4000	7.2		20.0				
1,2-Dibromo-3-Chloropropane	0.1905 0.2084	0.1715 0.2042	0.1817 0.1933	0.1747	0.1981	Ave		0.190 3		0.0500	7.0		20.0				
1,2,4-Trichlorobenzene	0.8812 0.7321	0.6931 0.7339	0.7562 0.8123	0.6965	0.7353	Ave		0.755 1		0.2000	8.3		20.0				
Hexachlorobutadiene	++++ 0.3173	0.3403 0.3063	0.3589 0.3381	0.3236	0.3261	Ave		0.330 1			5.2		20.0				
Naphthalene	2.2251 2.4711	1.8863 2.4346	2.0775 2.5205	2.0383	2.3315	Ave		2.248 1			10.2		20.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Canton Job No.: 240-165545-1 Analy Batch No.: 523289

SDG No.: _____

Instrument ID: A3UX12 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/20/2022 12:50 Calibration End Date: 04/20/2022 15:24 Calibration ID: 65337

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
1,2,3-Trichlorobenzene	0.7973 0.7099	0.6651 0.7124	0.7201 0.7924	0.6342	0.7047	Ave		0.717 0			7.8		20.0				
Dibromofluoromethane (Surr)	0.3037 0.2422	0.2403 0.2364	0.2471 0.2362	0.2395	0.2368	Ave		0.247 8			9.2		20.0				
1,2-Dichloroethane-d4 (Surr)	0.3641 0.2778	0.3201 0.2705	0.2902 0.2686	0.2790	0.2752	Ave		0.293 2			11.3		20.0				
Toluene-d8 (Surr)	++++ 1.3265	1.3398 1.3153	1.3928 1.2996	1.3284	1.3116	Ave		1.330 6			2.3		20.0				
4-Bromofluorobenzene (Surr)	++++ 0.4682	0.5105 0.4587	0.4973 0.4600	0.4558	0.4465	Ave		0.471 0			5.0		20.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Canton Job No.: 240-165545-1 Analy Batch No.: 523289

SDG No.: _____

Instrument ID: A3UX12 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/20/2022 12:50 Calibration End Date: 04/20/2022 15:24 Calibration ID: 65337

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8260 240-523289/9	u1290136.D
Level 2	STD8260 240-523289/10	u1290137.D
Level 3	STD8260 240-523289/11	u1290138.D
Level 4	STD8260 240-523289/12	u1290139.D
Level 5	ICIS 240-523289/13	u1290140.D
Level 6	STD8260 240-523289/14	u1290141.D
Level 7	STD8260 240-523289/15	u1290142.D
Level 8	STD8260 240-523289/16	u1290143.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
			LVL 6	LVL 7	LVL 8			LVL 6	LVL 7	LVL 8		
Dichlorodifluoromethane	FB	Ave	8792 678845	16053 1042462	36158 1398258	154988	333910	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Chloromethane	FB	Ave	9092 661363	16317 1025099	36777 1373722	164876	329325	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Vinyl chloride	FB	Ave	7787 661404	16553 1021044	36447 1384210	158787	322856	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Butadiene	FB	Ave	8894 673625	17094 1035900	35533 1381844	160151	325339	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Bromomethane	FB	Ave	5911 444764	10796 692466	23538 951879	106834	216326	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Chloroethane	FB	Ave	5447 431314	9882 669134	22404 909428	104558	209713	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Dichlorofluoromethane	FB	Ave	12905 972834	23357 1516806	53391 2037265	240060	482282	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Trichlorofluoromethane	FB	Ave	10060 892478	19837 1384417	46937 1844094	208266	432000	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Ethyl ether	FB	Ave	4819 393136	8820 642103	18470 807411	92464	188372	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Acrolein	FB	Ave	3737 422014	6448 678484	14360 856785	70206	159597	2.50 200	5.00 300	10.0 400	50.0	100
1,1-Dichloroethene	FB	Ave	9406 766091	16483 1204669	37348 1634293	184449	373740	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
1,1,2-Trichloro-1,2,2-trichloroethane	FB	Ave	6575 507985	10426 788063	26132 1057047	123729	250186	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Acetone	FB	Ave	+++++	8205	16245	61524	133367	+++++	2.00	4.00	20.0	40.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Canton Job No.: 240-165545-1 Analy Batch No.: 523289

SDG No.: _____

Instrument ID: A3UX12 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/20/2022 12:50 Calibration End Date: 04/20/2022 15:24 Calibration ID: 65337

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
			278914	434887	503520			80.0	120	160		
Iodomethane	FB	Ave	9402 770973	16503 1212789	36625 1640363	185668	379499	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Carbon disulfide	FB	Ave	21596 1426963	35379 2217805	74626 3013912	358930	703924	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Methyl acetate	FB	Ave	10897 800290	17425 1279458	36238 1543906	172688	373095	1.00 80.0	2.00 120	4.00 160	20.0	40.0
3-Chloro-1-propene	FB	Ave	10830 754244	18609 1187505	36765 1596901	178272	364994	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Methylene Chloride	FB	Lin1	++++ 660916	36936 1036320	52833 1388020	178319	336152	++++ 40.0	1.00 60.0	2.00 80.0	10.0	20.0
tert-Butyl alcohol	FB	Ave	5470 429142	9752 657244	20025 780578	93925	217930	5.00 400	10.0 600	20.0 800	100	200
Acrylonitrile	FB	Ave	17979 1966692	37133 3106355	74254 3754178	409296	908245	5.00 400	10.0 600	20.0 800	100	200
Methyl-tert-butyl Ether (MTBE)	FB	Ave	15139 1516217	26702 2387900	51934 3177021	294326	629807	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
trans-1,2-Dichloroethene	FB	Ave	9091 751362	15388 1188320	34826 1613672	177981	372889	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Hexane	FB	Ave	9508 820221	15543 1331475	36257 1723263	185361	373001	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Vinyl acetate	FB	Ave	10904 884642	18505 1491132	40671 1750891	191560	394205	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
1,1-Dichloroethane	FB	Ave	10933 954528	20009 1520201	43468 2022506	225951	458369	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
2-Butanone	FB	Ave	1394 147988	2818 235474	5478 269923	29386	68142	1.00 80.0	2.00 120	4.00 160	20.0	40.0
cis-1,2-Dichloroethene	FB	Ave	6377 571873	11730 883150	24361 1139564	125081	264101	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
2,2-Dichloropropane	FB	Ave	7645 615185	12256 933191	29348 1276354	145686	291961	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Bromochloromethane	FB	Ave	5419 402437	9576 639439	18620 847557	91875	195429	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Tetrahydrofuran	FB	Ave	++++ 360883	8074 580375	14548 693817	77534	169557	++++ 80.0	2.00 120	4.00 160	20.0	40.0
Chloroform	FB	Ave	11048	20544	41433	210000	429458	0.500	1.00	2.00	10.0	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Canton Job No.: 240-165545-1 Analy Batch No.: 523289

SDG No.: _____

Instrument ID: A3UX12 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/20/2022 12:50 Calibration End Date: 04/20/2022 15:24 Calibration ID: 65337

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
			890003	1423000	1902912			40.0	60.0	80.0		
1,1,1-Trichloroethane	FB	Ave	9420 814468	15728 1288480	37179 1716608	186909	386135	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Cyclohexane	FB	Ave	9650 853734	16534 1323637	38405 1776282	198434	405988	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
1,1-Dichloropropene	FB	Ave	8886 806261	16928 1265478	36785 1684475	185782	384303	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Carbon tetrachloride	FB	Ave	8147 692167	13501 1082913	30896 1463014	160894	324418	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Isobutyl alcohol	FB	Ave	5584 568699	8574 894865	16118 947749	105027	264712	12.5 1000	25.0 1500	50.0 2000	250	500
Benzene	FB	Ave	25345 2201207	46038 3445856	100784 4542729	510614	1045784	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
1,2-Dichloroethane	FB	Ave	7850 728649	15162 1149357	33587 1478315	163291	342615	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
n-Heptane	FB	Ave	++++ 358375	++++ 566387	14391 721709	72905	184847	++++ 40.0	++++ 60.0	2.00 80.0	10.0	20.0
Trichloroethene	FB	Ave	7724 600017	12751 951450	28423 1248951	136523	289869	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Methylcyclohexane	FB	Ave	9502 911494	17492 1448027	40790 1917080	204278	423163	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
1,2-Dichloropropane	FB	Ave	5997 514466	10650 833709	22179 1089601	114096	244695	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
1,4-Dioxane	FB	Lin1	++++ 97683	501 145371	4791 ++++	22271	47718	++++ 800	20.0 1200	40.0 ++++	200	400
Dibromomethane	FB	Ave	4031 380207	7721 594661	16492 769452	87446	173364	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Bromodichloromethane	FB	Ave	8298 660844	14211 1056530	29816 1396691	148018	308684	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
2-Chloroethyl vinyl ether	FB	Ave	7591 734384	12820 1224037	27292 1537583	144241	327890	1.00 80.0	2.00 120	4.00 160	20.0	40.0
cis-1,3-Dichloropropene	FB	Ave	9260 835262	15345 1360208	34650 1781232	178420	384144	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
4-Methyl-2-pentanone	FB	Ave	12368 1259964	24395 2040539	49001 2507692	257327	565196	1.00 80.0	2.00 120	4.00 160	20.0	40.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Canton Job No.: 240-165545-1 Analy Batch No.: 523289

SDG No.: _____

Instrument ID: A3UX12 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/20/2022 12:50 Calibration End Date: 04/20/2022 15:24 Calibration ID: 65337

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Toluene	CBNZ d5	Ave	26614	48395	99925	526662	1100010	0.500	1.00	2.00	10.0	20.0
			2317621	3759603	4821613			40.0	60.0	80.0		
trans-1,3-Dichloropropene	CBNZ d5	Ave	8409	15234	30763	164725	354431	0.500	1.00	2.00	10.0	20.0
			794174	1298518	1664928			40.0	60.0	80.0		
Ethyl methacrylate	CBNZ d5	Ave	6063	11035	24844	136826	303692	0.500	1.00	2.00	10.0	20.0
			696774	1176750	1480486			40.0	60.0	80.0		
1,1,2-Trichloroethane	CBNZ d5	Ave	5029	9176	19601	99700	206061	0.500	1.00	2.00	10.0	20.0
			461266	735870	930840			40.0	60.0	80.0		
Tetrachloroethene	CBNZ d5	Ave	7576	13785	28890	144997	299446	0.500	1.00	2.00	10.0	20.0
			633817	1026330	1320577			40.0	60.0	80.0		
1,3-Dichloropropane	CBNZ d5	Ave	9704	17744	34790	178916	375692	0.500	1.00	2.00	10.0	20.0
			832209	1338068	1699648			40.0	60.0	80.0		
2-Hexanone	CBNZ d5	Ave	8120	15997	33827	183551	399041	1.00	2.00	4.00	20.0	40.0
			906878	1509234	1791700			80.0	120	160		
Dibromochloromethane	CBNZ d5	Ave	5391	9008	18675	101178	214400	0.500	1.00	2.00	10.0	20.0
			480531	778410	1017305			40.0	60.0	80.0		
1,2-Dibromoethane	CBNZ d5	Ave	5341	9876	20920	102912	220106	0.500	1.00	2.00	10.0	20.0
			485629	783741	1000805			40.0	60.0	80.0		
Chlorobenzene	CBNZ d5	Ave	17844	31530	64615	321021	668465	0.500	1.00	2.00	10.0	20.0
			1420448	2334520	2969054			40.0	60.0	80.0		
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	5572	10144	19641	105262	217384	0.500	1.00	2.00	10.0	20.0
			477761	768275	1018925			40.0	60.0	80.0		
Ethylbenzene	CBNZ d5	Ave	7918	15947	32087	173882	369187	0.500	1.00	2.00	10.0	20.0
			799826	1307076	1680035			40.0	60.0	80.0		

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Canton Job No.: 240-165545-1 Analy Batch No.: 523289

SDG No.: _____

Instrument ID: A3UX12 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/20/2022 12:50 Calibration End Date: 04/20/2022 15:24 Calibration ID: 65337

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
m-Xylene & p-Xylene	CBNZ d5	Ave	9857	17734	39890	213829	454276	0.500	1.00	2.00	10.0	20.0
			980810	1597206	2055069			40.0	60.0	80.0		
o-Xylene	CBNZ d5	Ave	9684	16324	37215	199504	422814	0.500	1.00	2.00	10.0	20.0
			923941	1487495	1940610			40.0	60.0	80.0		
Styrene	CBNZ d5	Ave	15432	27941	57621	327041	715970	0.500	1.00	2.00	10.0	20.0
			1580461	2567266	3297454			40.0	60.0	80.0		
Bromoform	CBNZ d5	Ave	3453	6349	12698	70581	153771	0.500	1.00	2.00	10.0	20.0
			351767	581622	743690			40.0	60.0	80.0		
Isopropylbenzene	CBNZ d5	Ave	23652	42924	95835	523412	1117763	0.500	1.00	2.00	10.0	20.0
			2428124	3899774	5061076			40.0	60.0	80.0		
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	7227	12468	26319	139903	292945	0.500	1.00	2.00	10.0	20.0
			654906	1023661	1290319			40.0	60.0	80.0		
trans-1,4-Dichloro-2-butene	DCBd 4	Ave	2281	4198	8328	44504	96373	0.500	1.00	2.00	10.0	20.0
			220642	365293	455614			40.0	60.0	80.0		
Bromobenzene	DCBd 4	Ave	7167	12541	26163	139181	297492	0.500	1.00	2.00	10.0	20.0
			640799	1019587	1327438			40.0	60.0	80.0		
1,2,3-Trichloropropane	DCBd 4	Ave	2871	4442	8893	47378	98451	0.500	1.00	2.00	10.0	20.0
			222804	344469	437172			40.0	60.0	80.0		
n-Propylbenzene	DCBd 4	Ave	6012	11760	26247	144432	312043	0.500	1.00	2.00	10.0	20.0
			689361	1092197	1408225			40.0	60.0	80.0		
2-Chlorotoluene	DCBd 4	Ave	5539	10179	22251	125857	261211	0.500	1.00	2.00	10.0	20.0
			561647	914925	1186790			40.0	60.0	80.0		
1,3,5-Trimethylbenzene	DCBd 4	Ave	17218	30716	69376	402997	867792	0.500	1.00	2.00	10.0	20.0
			1895900	3028043	3997093			40.0	60.0	80.0		

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Canton Job No.: 240-165545-1 Analy Batch No.: 523289

SDG No.: _____

Instrument ID: A3UX12 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/20/2022 12:50 Calibration End Date: 04/20/2022 15:24 Calibration ID: 65337

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
4-Chlorotoluene	DCBd 4	Ave	6113	10401	25607	132531	279350	0.500	1.00	2.00	10.0	20.0
			600383	973689	1244886			40.0	60.0	80.0		
tert-Butylbenzene	DCBd 4	Ave	15068	29061	63106	361404	785127	0.500	1.00	2.00	10.0	20.0
			1713215	2730169	3573328			40.0	60.0	80.0		
1,2,4-Trimethylbenzene	DCBd 4	Ave	16059	30465	70723	407145	874400	0.500	1.00	2.00	10.0	20.0
			1911784	3032096	4021362			40.0	60.0	80.0		
sec-Butylbenzene	DCBd 4	Ave	19816	37808	86648	497021	1073844	0.500	1.00	2.00	10.0	20.0
			2324470	3663378	4861393			40.0	60.0	80.0		
p-Isopropyltoluene	DCBd 4	Ave	16995	30207	70876	411298	900565	0.500	1.00	2.00	10.0	20.0
			1958252	3134510	4179590			40.0	60.0	80.0		
1,3-Dichlorobenzene	DCBd 4	Ave	12004	24032	49971	254066	531768	0.500	1.00	2.00	10.0	20.0
			1145558	1793200	2363826			40.0	60.0	80.0		
1,4-Dichlorobenzene	DCBd 4	Ave	14628	24765	52219	257998	545098	0.500	1.00	2.00	10.0	20.0
			1155749	1826496	2408970			40.0	60.0	80.0		
n-Butylbenzene	DCBd 4	Ave	15466	27553	62667	332149	737938	0.500	1.00	2.00	10.0	20.0
			1609233	2551741	3475568			40.0	60.0	80.0		
1,2-Dichlorobenzene	DCBd 4	Ave	12489	20335	45985	232697	492431	0.500	1.00	2.00	10.0	20.0
			1069289	1665920	2217322			40.0	60.0	80.0		
1,2-Dibromo-3-Chloropropane	DCBd 4	Ave	1503	2738	5782	30903	71553	0.500	1.00	2.00	10.0	20.0
			164261	254826	326185			40.0	60.0	80.0		
1,2,4-Trichlorobenzene	DCBd 4	Ave	6953	11062	24060	123220	265579	0.500	1.00	2.00	10.0	20.0
			577008	915799	1370505			40.0	60.0	80.0		
Hexachlorobutadiene	DCBd 4	Ave	+++++	5432	11420	57251	117785	+++++	1.00	2.00	10.0	20.0
			250061	382195	570367			40.0	60.0	80.0		

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Canton Job No.: 240-165545-1 Analy Batch No.: 523289

SDG No.: _____

Instrument ID: A3UX12 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/20/2022 12:50 Calibration End Date: 04/20/2022 15:24 Calibration ID: 65337

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Naphthalene	DCBd 4	Ave	17558	30108	66099	360581	842108	0.500	1.00	2.00	10.0	20.0
			1947755	3038088	4252687			40.0	60.0	80.0		
1,2,3-Trichlorobenzene	DCBd 4	Ave	6291	10615	22912	112194	254533	0.500	1.00	2.00	10.0	20.0
			559579	889043	1337019			40.0	60.0	80.0		
Dibromofluoromethane (Surr)	FB	Ave	6836	10664	22098	113262	232503	0.500	1.00	2.00	10.0	20.0
			490545	767365	1004934			40.0	60.0	80.0		
1,2-Dichloroethane-d4 (Surr)	FB	Ave	8196	14205	25953	131914	270270	0.500	1.00	2.00	10.0	20.0
			562716	878221	1142719			40.0	60.0	80.0		
Toluene-d8 (Surr)	CBNZ d5	Ave	+++++	43424	88127	437175	912004	+++++	1.00	2.00	10.0	20.0
			1956742	3139610	4032053			40.0	60.0	80.0		
4-Bromofluorobenzene (Surr)	CBNZ d5	Ave	+++++	16547	31462	150005	310427	+++++	1.00	2.00	10.0	20.0
			690613	1094878	1427307			40.0	60.0	80.0		

Curve Type Legend

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Canton Job No.: 240-165545-1 Analy Batch No.: 523289

SDG No.: _____

Instrument ID: A3UX12 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/20/2022 12:50 Calibration End Date: 04/20/2022 15:24 Calibration ID: 65337

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8260 240-523289/9	u1290136.D
Level 2	STD8260 240-523289/10	u1290137.D
Level 3	STD8260 240-523289/11	u1290138.D
Level 4	STD8260 240-523289/12	u1290139.D
Level 5	ICIS 240-523289/13	u1290140.D
Level 6	STD8260 240-523289/14	u1290141.D
Level 7	STD8260 240-523289/15	u1290142.D
Level 8	STD8260 240-523289/16	u1290143.D

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
	LVL 7 #	LVL 8 #					LVL 7	LVL 8				
Methylene Chloride	+++++	-4.6						50				
1,4-Dioxane	+++++	-38.7 +++++						50				

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Canton Job No.: 240-165545-1 Analy Batch No.: 523289

SDG No.: _____

Instrument ID: A3UX12 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/20/2022 16:52 Calibration End Date: 04/20/2022 18:43 Calibration ID: 65341

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STDA9 240-523289/21	u1290147.D
Level 2	STDA9 240-523289/22	u1290148.D
Level 3	STDA9 240-523289/23	u1290149.D
Level 4	STDA9 240-523289/24	u1290150.D
Level 5	STDA9 240-523289/25	u1290151.D
Level 6	STDA9 240-523289/26	u1290152.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Acetonitrile	0.0274 0.0385	0.0319	0.0297	0.0354	0.0311	Ave		0.032 3			12.4		20.0				
Diisopropyl ether	0.2187 0.2172	0.2173	0.2081	0.1965	0.1962	Ave		0.209 0			5.0		20.0				
2-Chloro-1,3-butadiene	0.4445 0.4169	0.4481	0.4274	0.4161	0.4219	Ave		0.429 2			3.2		20.0				
Ethyl tert-Butyl Ether (ETBE)	0.7712 0.7623	0.7545	0.7159	0.6881	0.7411	Ave		0.738 9			4.3		20.0				
Ethyl acetate	0.3670 0.3260	0.3026	0.2753	0.2943	0.3176	Ave		0.313 8			10.1		20.0				
Propionitrile	0.0341 0.0475	0.0338	0.0366	0.0411	0.0416	Ave		0.039 1			13.5		20.0				
Methacrylonitrile	0.1984 0.1969	0.1697	0.1692	0.1838	0.1873	Ave		0.184 2			6.9		20.0				
Tert-amyl-methyl ether (TAME)	0.7389 0.8184	0.7320	0.7231	0.7174	0.7296	Ave		0.743 2			5.1		20.0				
n-Butanol	0.0061 0.0096	0.0072	0.0074	0.0076	0.0083	Ave		0.007 7			14.9		20.0				
Ethyl acrylate	0.3634 0.4269	0.3428	0.3453	0.3845	0.4138	Ave		0.379 4			9.3		20.0				
Methyl methacrylate	0.2926 0.2899	0.2461	0.2372	0.2648	0.2795	Ave		0.268 4			8.6		20.0				
2-Nitropropane	0.0762 0.0788	0.0684	0.0597	0.0639	0.0683	Ave		0.069 2			10.4		20.0				
n-Butyl acetate	0.6326 0.6540	0.5277	0.5322	0.5710	0.6196	Ave		0.589 5			9.1		20.0				
1-Chlorohexane	0.5597 0.4850	0.4960	0.4516	0.4700	0.4867	Ave		0.491 5			7.5		20.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Canton Job No.: 240-165545-1 Analy Batch No.: 523289

SDG No.: _____

Instrument ID: A3UX12 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/20/2022 16:52 Calibration End Date: 04/20/2022 18:43 Calibration ID: 65341

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Cyclohexanone	0.0109 0.0134	0.0106	0.0102	0.0103	0.0115	Ave		0.011 2			10.8		20.0				
Pentachloroethane	0.2008 0.1269	0.2135	0.1225	0.1549	0.0858	Ave		0.150 8			32.6	*	20.0				
1,2,3-Trimethylbenzene	2.3053 2.4361	2.3557	2.2361	2.3621	2.4851	Ave		2.363 4			3.8		20.0				
Benzyl chloride	1.3927 1.5163	1.3252	1.2918	1.3437	1.4636	Ave		1.388 9			6.2		20.0				
1,3,5-Trichlorobenzene	0.9119 0.8604	0.9155	0.8291	0.8222	0.8508	Ave		0.865 0			4.6		20.0				
2-Methylnaphthalene	0.8025 ++++	0.9295	0.9319	1.0803	1.2677	Ave		1.002 4			17.8		20.0				
1-Methylnaphthalene	0.7146 ++++	0.8179	0.9533	1.0757	1.1981	Lin1	-0.59 8	1.141 8			12.6			0.9940		0.9900	

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Canton Job No.: 240-165545-1 Analy Batch No.: 523289

SDG No.: _____

Instrument ID: A3UX12 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/20/2022 16:52 Calibration End Date: 04/20/2022 18:43 Calibration ID: 65341

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STDA9 240-523289/21	u1290147.D
Level 2	STDA9 240-523289/22	u1290148.D
Level 3	STDA9 240-523289/23	u1290149.D
Level 4	STDA9 240-523289/24	u1290150.D
Level 5	STDA9 240-523289/25	u1290151.D
Level 6	STDA9 240-523289/26	u1290152.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Acetonitrile	FB	Ave	6608 1601772	14997	139416	347325	616908	5.00 800	10.0	100	200	400
Diisopropyl ether	FB	Ave	5279 904280	10230	97766	192964	389455	0.500 80.0	1.00	10.0	20.0	40.0
2-Chloro-1,3-butadiene	FB	Ave	10730 1735794	21097	200804	408615	837549	0.500 80.0	1.00	10.0	20.0	40.0
Ethyl tert-Butyl Ether (ETBE)	FB	Ave	18615 3173746	35521	336400	675756	1471282	0.500 80.0	1.00	10.0	20.0	40.0
Ethyl acetate	FB	Ave	17720 2714030	28489	258703	577984	1260763	1.00 160	2.00	20.0	40.0	80.0
Propionitrile	FB	Ave	8233 1975902	15935	171779	403360	825282	5.00 800	10.0	100	200	400
Methacrylonitrile	FB	Ave	47886 8198097	79879	794958	1804664	3718407	5.00 800	10.0	100	200	400
Tert-amyl-methyl ether (TAME)	FB	Ave	17837 3407086	34462	339759	704495	1448439	0.500 80.0	1.00	10.0	20.0	40.0
n-Butanol	FB	Ave	3705 994546	8454	87084	187715	409825	12.5 2000	25.0	250	500	1000
Ethyl acrylate	FB	Ave	8772 1777225	16138	162224	377566	821452	0.500 80.0	1.00	10.0	20.0	40.0
Methyl methacrylate	FB	Ave	14125 2414142	23170	222878	520087	1109800	1.00 160	2.00	20.0	40.0	80.0
2-Nitropropane	FB	Ave	3677 655849	6438	56097	125479	271342	1.00 160	2.00	20.0	40.0	80.0
n-Butyl acetate	CBNZ d5	Ave	11016 1992803	17369	176049	412375	900805	0.500 80.0	1.00	10.0	20.0	40.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Canton Job No.: 240-165545-1 Analy Batch No.: 523289

SDG No.: _____

Instrument ID: A3UX12 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/20/2022 16:52 Calibration End Date: 04/20/2022 18:43 Calibration ID: 65341

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1-Chlorohexane	CBNZ d5	Ave	9746 1477807	16326	149408	339478	707603	0.500 80.0	1.00	10.0	20.0	40.0
Cyclohexanone	CBNZ d5	Ave	1894 409502	3505	33851	74532	167035	5.00 800	10.0	100	200	400
Pentachloroethane	DCBd 4	Ave	3237 378358	6798	38924	103132	113498	1.00 160	2.00	20.0	40.0	80.0
1,2,3-Trimethylbenzene	DCBd 4	Ave	18579 3630243	37499	355260	786151	1643604	0.500 80.0	1.00	10.0	20.0	40.0
Benzyl chloride	DCBd 4	Ave	11224 2259561	21095	205242	447213	967969	0.500 80.0	1.00	10.0	20.0	40.0
1,3,5-Trichlorobenzene	DCBd 4	Ave	7349 1282196	14573	131729	273636	562709	0.500 80.0	1.00	10.0	20.0	40.0
2-Methylnaphthalene	DCBd 4	Ave	12935 +++++	29592	296125	719075	1676897	1.00 +++++	2.00	20.0	40.0	80.0
1-Methylnaphthalene	DCBd 4	Lin1	11518 +++++	26040	302917	716026	1584771	1.00 +++++	2.00	20.0	40.0	80.0

Curve Type Legend

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Canton Job No.: 240-165545-1 Analy Batch No.: 523289

SDG No.: _____

Instrument ID: A3UX12 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/20/2022 16:52 Calibration End Date: 04/20/2022 18:43 Calibration ID: 65341

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STDA9 240-523289/21	u1290147.D
Level 2	STDA9 240-523289/22	u1290148.D
Level 3	STDA9 240-523289/23	u1290149.D
Level 4	STDA9 240-523289/24	u1290150.D
Level 5	STDA9 240-523289/25	u1290151.D
Level 6	STDA9 240-523289/26	u1290152.D

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
1-Methylnaphthalene	15.0					+++++	50					

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Lab Sample ID: ICV 240-523289/17 Calibration Date: 04/20/2022 15:46
 Instrument ID: A3UX12 Calib Start Date: 04/20/2022 12:50
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 04/20/2022 15:24
 Lab File ID: u1290144.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.3512	0.3444	0.1000	0.0196	0.0200	-1.9	30.0
Chloromethane	Ave	0.3540	0.3432	0.1000	0.0194	0.0200	-3.0	30.0
Vinyl chloride	Ave	0.3447	0.3423	0.1000	0.0199	0.0200	-0.7	30.0
Butadiene	Ave	0.3530	0.3410		0.0193	0.0200	-3.4	30.0
Bromomethane	Ave	0.2340	0.2202	0.0500	0.0188	0.0200	-5.9	30.0
Chloroethane	Ave	0.2228	0.2140	0.0500	0.0192	0.0200	-4.0	30.0
Dichlorofluoromethane	Ave	0.5152	0.4866		0.0189	0.0200	-5.5	30.0
Trichlorofluoromethane	Ave	0.4500	0.4465	0.1000	0.0198	0.0200	-0.8	30.0
Ethyl ether	Ave	0.1985	0.1984		0.0200	0.0200	-0.0	30.0
Acrolein	Ave	0.0350	0.0386		0.110	0.100	10.1	30.0
1,1-Dichloroethene	Ave	0.3889	0.3883	0.1000	0.0200	0.0200	-0.2	30.0
1,1,2-Trichloro-1,2,2-trichf luoroethane	Ave	0.2597	0.2578	0.0500	0.0199	0.0200	-0.7	30.0
Acetone	Ave	0.0730	0.0560	0.0100	0.0307	0.0400	-23.3	50.0
Iodomethane	Ave	0.3897	0.3977		0.0204	0.0200	2.0	30.0
Carbon disulfide	Ave	0.7704	0.7354	0.1000	0.0191	0.0200	-4.5	30.0
Methyl acetate	Ave	0.1987	0.1895	0.1000	0.0382	0.0400	-4.6	50.0
3-Chloro-1-propene	Ave	0.3967	0.3867		0.0195	0.0200	-2.5	30.0
Methylene Chloride	Lin1		0.3384	0.1000	0.0198	0.0200	-1.2	50.0
tert-Butyl alcohol	Ave	0.0213	0.0215		0.201	0.200	0.7	30.0
Acrylonitrile	Ave	0.0883	0.0862		0.195	0.200	-2.4	30.0
Methyl-tert-butyl Ether (MTBE)	Ave	0.6687	0.6978	0.1000	0.0209	0.0200	4.4	30.0
trans-1,2-Dichloroethene	Ave	0.3766	0.3791	0.1000	0.0201	0.0200	0.7	30.0
Hexane	Ave	0.3963	0.3968		0.0200	0.0200	0.1	30.0
Vinyl acetate	Ave	0.4338	0.4105		0.0189	0.0200	-5.4	30.0
1,1-Dichloroethane	Ave	0.4728	0.4617	0.2000	0.0195	0.0200	-2.3	30.0
2-Butanone	Ave	0.0330	0.0327	0.0100	0.0397	0.0400	-0.7	50.0
cis-1,2-Dichloroethene	Ave	0.2720	0.2723	0.1000	0.0200	0.0200	0.1	30.0
2,2-Dichloropropane	Ave	0.3051	0.2864		0.0188	0.0200	-6.1	30.0
Bromochloromethane	Ave	0.2066	0.1947		0.0188	0.0200	-5.8	30.0
Tetrahydrofuran	Ave	0.0858	0.0823		0.0384	0.0400	-4.0	30.0
Chloroform	Ave	0.4529	0.4416	0.2000	0.0195	0.0200	-2.5	30.0
1,1,1-Trichloroethane	Ave	0.3974	0.3848	0.1000	0.0194	0.0200	-3.2	30.0
Cyclohexane	Ave	0.4138	0.4204	0.1000	0.0203	0.0200	1.6	30.0
1,1-Dichloropropene	Ave	0.3944	0.3897		0.0198	0.0200	-1.2	30.0
Carbon tetrachloride	Ave	0.3377	0.3313	0.1000	0.0196	0.0200	-1.9	30.0
Isobutyl alcohol	Ave	0.0095	0.0102		0.538	0.500	7.6	30.0
Benzene	Ave	1.081	1.064	0.5000	0.0197	0.0200	-1.6	30.0
1,2-Dichloroethane	Ave	0.3527	0.3396	0.1000	0.0193	0.0200	-3.7	30.0
n-Heptane	Ave	0.1707	0.1920		0.0225	0.0200	12.5	30.0
Trichloroethene	Ave	0.3019	0.2976	0.1500	0.0197	0.0200	-1.4	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Lab Sample ID: ICV 240-523289/17 Calibration Date: 04/20/2022 15:46
 Instrument ID: A3UX12 Calib Start Date: 04/20/2022 12:50
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 04/20/2022 15:24
 Lab File ID: u1290144.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methylcyclohexane	Ave	0.4352	0.4455	0.1000	0.0205	0.0200	2.4	30.0
1,2-Dichloropropane	Ave	0.2515	0.2480	0.1000	0.0197	0.0200	-1.4	30.0
1,4-Dioxane	Lin1		0.0024		0.415	0.400	3.7	50.0
Dibromomethane	Ave	0.1813	0.1783		0.0197	0.0200	-1.7	30.0
Bromodichloromethane	Ave	0.3287	0.3171	0.1500	0.0193	0.0200	-3.5	30.0
2-Chloroethyl vinyl ether	Ave	0.1670	0.1687		0.0202	0.0200	1.1	30.0
cis-1,3-Dichloropropene	Ave	0.3954	0.3986	0.1500	0.0202	0.0200	0.8	50.0
4-Methyl-2-pentanone	Ave	0.2879	0.2737	0.0500	0.0380	0.0400	-5.0	50.0
Toluene	Ave	1.579	1.592	0.4000	0.0202	0.0200	0.8	30.0
trans-1,3-Dichloropropene	Ave	0.5144	0.5453	0.1000	0.0212	0.0200	6.0	30.0
Ethyl methacrylate	Ave	0.4263	0.4621		0.0217	0.0200	8.4	30.0
1,1,2-Trichloroethane	Ave	0.3037	0.3132	0.1000	0.0206	0.0200	3.1	30.0
Tetrachloroethene	Ave	0.4395	0.4447	0.1500	0.0202	0.0200	1.2	30.0
1,3-Dichloropropane	Ave	0.5581	0.5518		0.0198	0.0200	-1.1	30.0
2-Hexanone	Ave	0.2810	0.3034	0.0500	0.0432	0.0400	8.0	50.0
Dibromochloromethane	Ave	0.3135	0.3183		0.0203	0.0200	1.5	30.0
1,2-Dibromoethane	Ave	0.3226	0.3226		0.0200	0.0200	-0.0	30.0
Chlorobenzene	Ave	0.9941	0.9907	0.3000	0.0199	0.0200	-0.3	30.0
1,1,1,2-Tetrachloroethane	Ave	0.3226	0.3094		0.0192	0.0200	-4.1	30.0
Ethylbenzene	Ave	0.5236	0.5421		0.0207	0.0200	3.5	30.0
m-Xylene & p-Xylene	Ave	0.6372	0.6640		0.0208	0.0200	4.2	30.0
o-Xylene	Ave	0.5989	0.6220		0.0208	0.0200	3.9	30.0
Styrene	Ave	0.997	1.036	0.3000	0.0208	0.0200	3.9	30.0
Bromoform	Ave	0.2214	0.2254	0.1000	0.0204	0.0200	1.8	30.0
Isopropylbenzene	Ave	1.555	1.645	0.1000	0.0212	0.0200	5.8	30.0
1,1,2,2-Tetrachloroethane	Ave	0.8178	0.8050	0.3000	0.0197	0.0200	-1.6	30.0
trans-1,4-Dichloro-2-butene	Ave	0.2719	0.2923		0.0215	0.0200	7.5	30.0
Bromobenzene	Ave	0.8179	0.8261		0.0202	0.0200	1.0	30.0
1,2,3-Trichloropropane	Ave	0.2850	0.2668		0.0187	0.0200	-6.4	30.0
n-Propylbenzene	Ave	0.8236	0.8969		0.0218	0.0200	8.9	30.0
2-Chlorotoluene	Ave	0.7029	0.7440		0.0212	0.0200	5.8	30.0
1,3,5-Trimethylbenzene	Ave	2.271	2.522		0.0222	0.0200	11.0	30.0
4-Chlorotoluene	Ave	0.7542	0.8015		0.0213	0.0200	6.3	30.0
tert-Butylbenzene	Ave	2.051	2.322		0.0226	0.0200	13.2	30.0
1,2,4-Trimethylbenzene	Ave	2.266	2.530		0.0223	0.0200	11.6	30.0
sec-Butylbenzene	Ave	2.769	3.209		0.0232	0.0200	15.9	30.0
1,3-Dichlorobenzene	Ave	1.475	1.495	0.6000	0.0203	0.0200	1.4	30.0
p-Isopropyltoluene	Ave	2.321	2.704		0.0233	0.0200	16.5	30.0
1,4-Dichlorobenzene	Ave	1.547	1.541	0.5000	0.0199	0.0200	-0.4	30.0
n-Butylbenzene	Ave	1.965	2.296		0.0234	0.0200	16.8	30.0
1,2-Dichlorobenzene	Ave	1.373	1.385	0.4000	0.0202	0.0200	0.9	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Lab Sample ID: ICV 240-523289/17 Calibration Date: 04/20/2022 15:46
 Instrument ID: A3UX12 Calib Start Date: 04/20/2022 12:50
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 04/20/2022 15:24
 Lab File ID: u1290144.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dibromo-3-Chloropropane	Ave	0.1903	0.1848	0.0500	0.0194	0.0200	-2.9	50.0
1,2,4-Trichlorobenzene	Ave	0.7551	0.8491	0.2000	0.0225	0.0200	12.5	50.0
Hexachlorobutadiene	Ave	0.3301	0.4865		0.0295	0.0200	47.4	50.0
Naphthalene	Ave	2.248	2.364		0.0210	0.0200	5.2	50.0
1,2,3-Trichlorobenzene	Ave	0.7170	0.7992		0.0223	0.0200	11.5	30.0
Dibromofluoromethane (Surr)	Ave	0.2478	0.2255		0.0182	0.0200	-9.0	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2932	0.2572		0.0175	0.0200	-12.3	30.0
Toluene-d8 (Surr)	Ave	1.331	1.307		0.0196	0.0200	-1.8	30.0
4-Bromofluorobenzene (Surr)	Ave	0.4710	0.4871		0.0207	0.0200	3.4	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Lab Sample ID: ICV 240-523289/27 Calibration Date: 04/20/2022 19:05
 Instrument ID: A3UX12 Calib Start Date: 04/20/2022 12:50
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 04/20/2022 15:24
 Lab File ID: u1290153.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dibromofluoromethane (Surr)	Ave	0.2478	0.2235		0.0180	0.0200	-9.8	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2932	0.2614		0.0178	0.0200	-10.8	30.0
Toluene-d8 (Surr)	Ave	1.331	1.325		0.0199	0.0200	-0.4	30.0
4-Bromofluorobenzene (Surr)	Ave	0.4710	0.4706		0.0200	0.0200	-0.0	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Lab Sample ID: ICV 240-523289/27 Calibration Date: 04/20/2022 19:05
 Instrument ID: A3UX12 Calib Start Date: 04/20/2022 16:52
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 04/20/2022 18:43
 Lab File ID: u1290153.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Acetonitrile	Ave	0.0323	0.0274		0.169	0.200	-15.3	30.0
Diisopropyl ether	Ave	0.2090	0.1930		0.0185	0.0200	-7.7	30.0
2-Chloro-1,3-butadiene	Ave	0.4292	0.4087		0.0190	0.0200	-4.8	30.0
Ethyl tert-Butyl Ether (ETBE)	Ave	0.7389	0.7269		0.0197	0.0200	-1.6	30.0
Ethyl acetate	Ave	0.3138	0.2873		0.0366	0.0400	-8.4	30.0
Propionitrile	Ave	0.0391	0.0352		0.180	0.200	-9.9	30.0
Methacrylonitrile	Ave	0.1842	0.1811		0.197	0.200	-1.7	30.0
Tert-amyl-methyl ether (TAME)	Ave	0.7432	0.6954		0.0187	0.0200	-6.4	30.0
n-Butanol	Ave	0.0077	0.0076		0.496	0.500	-0.8	30.0
Ethyl acrylate	Ave	0.3794	0.4110		0.0217	0.0200	8.3	30.0
Methyl methacrylate	Ave	0.2684	0.2722		0.0406	0.0400	1.4	30.0
2-Nitropropane	Ave	0.0692	0.0625		0.0361	0.0400	-9.7	30.0
n-Butyl acetate	Ave	0.5895	0.5955		0.0202	0.0200	1.0	30.0
1-Chlorohexane	Ave	0.4915	0.4824		0.0196	0.0200	-1.8	30.0
Cyclohexanone	Ave	0.0112	0.0097		0.173	0.200	-13.5	30.0
Pentachloroethane	Ave	0.1508	0.1159		0.0308	0.0400	-23.1	30.0
1,2,3-Trimethylbenzene	Ave	2.363	2.476		0.0210	0.0200	4.8	30.0
Benzyl chloride	Ave	1.389	1.180		0.0170	0.0200	-15.0	30.0
1,3,5-Trichlorobenzene	Ave	0.8650	0.9755		0.0226	0.0200	12.8	30.0
2-Methylnaphthalene	Ave	1.002	1.523		0.0608	0.0400	51.9*	30.0

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Lab File ID: bfb4851.D BFB Injection Date: 05/09/2022
 Instrument ID: A3UX12 BFB Injection Time: 08:53
 Analysis Batch No.: 525559

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	21.2
75	30.0 - 60.0 % of mass 95	51.9
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	6.5
173	Less than 2.0 % of mass 174	0.0 (0.0) 1
174	Greater than 50% of mass 95	88.9
175	5.0 - 9.0 % of mass 174	6.7 (7.6) 1
176	95.0 - 101.0 % of mass 174	86.4 (97.2) 1
177	5.0 - 9.0 % of mass 176	5.8 (6.7) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCV 240-525559/3	u1290464.D	05/09/2022	9:15
	CCVIS 240-525559/4	u1290465.D	05/09/2022	9:37
	LCS 240-525559/5	u1290466.D	05/09/2022	9:59
	MB 240-525559/8	u1290469.D	05/09/2022	11:05
TB-042822	240-165824-1	u1290474.D	05/09/2022	13:02
GSP-MW-32S-042822	240-165824-2	u1290475.D	05/09/2022	13:24
GSP-MW-32D-042822	240-165824-3	u1290476.D	05/09/2022	13:46
GSP-MW-28-042822	240-165824-5	u1290477.D	05/09/2022	14:08
GSP-MW-32S-042822	240-165824-2	u1290492.D	05/09/2022	19:46

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Lab Sample ID: CCV 240-525559/3 Calibration Date: 05/09/2022 09:15
 Instrument ID: A3UX12 Calib Start Date: 04/20/2022 16:52
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 04/20/2022 18:43
 Lab File ID: u1290464.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Acetonitrile	Ave	0.0323	0.0340		0.210	0.200	5.2	20.0
Diisopropyl ether	Ave	0.2090	0.2043		0.0196	0.0200	-2.2	20.0
2-Chloro-1,3-butadiene	Ave	0.4292	0.4263		0.0199	0.0200	-0.7	20.0
Ethyl tert-Butyl Ether (ETBE)	Ave	0.7389	0.7471		0.0202	0.0200	1.1	20.0
Ethyl acetate	Ave	0.3138	0.3178		0.0405	0.0400	1.3	20.0
Propionitrile	Ave	0.0391	0.0417		0.213	0.200	6.5	20.0
Methacrylonitrile	Ave	0.1842	0.1912		0.208	0.200	3.8	20.0
Tert-amyl-methyl ether (TAME)	Ave	0.7432	0.7460		0.0201	0.0200	0.4	20.0
n-Butanol	Ave	0.0077	0.0062		0.403	0.500	-19.4	20.0
Ethyl acrylate	Ave	0.3794	0.3934		0.0207	0.0200	3.7	20.0
Methyl methacrylate	Ave	0.2684	0.2716		0.0405	0.0400	1.2	20.0
2-Nitropropane	Ave	0.0692	0.0752		0.0435	0.0400	8.7	20.0
n-Butyl acetate	Ave	0.5895	0.5657		0.0192	0.0200	-4.0	20.0
1-Chlorohexane	Ave	0.4915	0.4822		0.0196	0.0200	-1.9	20.0
Cyclohexanone	Ave	0.0112	0.0097		0.173	0.200	-13.5	20.0
Pentachloroethane	Ave	0.1508	0.3478		0.0923	0.0400	130.7*	20.0
1,2,3-Trimethylbenzene	Ave	2.363	2.335		0.0198	0.0200	-1.2	20.0
Benzyl chloride	Ave	1.389	1.561		0.0225	0.0200	12.4	20.0
1,3,5-Trichlorobenzene	Ave	0.8650	0.8467		0.0196	0.0200	-2.1	20.0
2-Methylnaphthalene	Ave	1.002	1.182		0.0472	0.0400	17.9	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Lab Sample ID: CCVIS 240-525559/4 Calibration Date: 05/09/2022 09:37
 Instrument ID: A3UX12 Calib Start Date: 04/20/2022 12:50
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 04/20/2022 15:24
 Lab File ID: u1290465.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.3512	0.3408	0.1000	0.0194	0.0200	-2.9	20.0
Chloromethane	Ave	0.3540	0.3774	0.1000	0.0213	0.0200	6.6	20.0
Vinyl chloride	Ave	0.3447	0.3818	0.1000	0.0222	0.0200	10.8	20.0
Butadiene	Ave	0.3530	0.3778		0.0214	0.0200	7.0	20.0
Bromomethane	Ave	0.2340	0.2569	0.0500	0.0220	0.0200	9.8	20.0
Chloroethane	Ave	0.2228	0.2493	0.0500	0.0224	0.0200	11.9	20.0
Dichlorofluoromethane	Ave	0.5152	0.5777		0.0224	0.0200	12.1	20.0
Trichlorofluoromethane	Ave	0.4500	0.5166	0.1000	0.0230	0.0200	14.8	20.0
Ethyl ether	Ave	0.1985	0.2071		0.0209	0.0200	4.3	20.0
Acrolein	Ave	0.0350	0.0205		0.0585	0.100	-41.5*	20.0
1,1,2-Trichloro-1,2,2-trichf luoroethane	Ave	0.2597	0.2877	0.0500	0.0222	0.0200	10.8	20.0
1,1-Dichloroethene	Ave	0.3889	0.4210	0.1000	0.0217	0.0200	8.3	20.0
Acetone	Ave	0.0730	0.0716	0.0100	0.0392	0.0400	-2.0	50.0
Iodomethane	Ave	0.3897	0.4312		0.0221	0.0200	10.6	20.0
Carbon disulfide	Ave	0.7704	0.8321	0.1000	0.0216	0.0200	8.0	20.0
Methyl acetate	Ave	0.1987	0.2046	0.1000	0.0412	0.0400	3.0	50.0
3-Chloro-1-propene	Ave	0.3967	0.3847		0.0194	0.0200	-3.0	20.0
Methylene Chloride	Lin1		0.3614	0.1000	0.0212	0.0200	6.1	50.0
tert-Butyl alcohol	Ave	0.0213	0.0207		0.194	0.200	-3.1	20.0
Acrylonitrile	Ave	0.0883	0.0971		0.220	0.200	9.9	20.0
Methyl-tert-butyl Ether (MTBE)	Ave	0.6687	0.6907	0.1000	0.0207	0.0200	3.3	20.0
trans-1,2-Dichloroethene	Ave	0.3766	0.3685	0.1000	0.0196	0.0200	-2.1	20.0
Hexane	Ave	0.3963	0.4011		0.0202	0.0200	1.2	20.0
Vinyl acetate	Ave	0.4338	0.5559		0.0256	0.0200	28.1*	20.0
1,1-Dichloroethane	Ave	0.4728	0.4743	0.2000	0.0201	0.0200	0.3	20.0
2-Butanone	Ave	0.0330	0.0383	0.0100	0.0465	0.0400	16.2	50.0
cis-1,2-Dichloroethene	Ave	0.2720	0.2755	0.1000	0.0203	0.0200	1.3	20.0
2,2-Dichloropropane	Ave	0.3051	0.3153		0.0207	0.0200	3.4	20.0
Bromochloromethane	Ave	0.2066	0.2117		0.0205	0.0200	2.4	20.0
Tetrahydrofuran	Ave	0.0858	0.0949		0.0443	0.0400	10.7	20.0
Chloroform	Ave	0.4529	0.4479	0.2000	0.0198	0.0200	-1.1	20.0
1,1,1-Trichloroethane	Ave	0.3974	0.4182	0.1000	0.0210	0.0200	5.2	20.0
Cyclohexane	Ave	0.4138	0.4411	0.1000	0.0213	0.0200	6.6	20.0
1,1-Dichloropropene	Ave	0.3944	0.4042		0.0205	0.0200	2.5	20.0
Carbon tetrachloride	Ave	0.3377	0.3480	0.1000	0.0206	0.0200	3.1	20.0
Isobutyl alcohol	Ave	0.0095	0.0093		0.489	0.500	-2.2	20.0
Benzene	Ave	1.081	1.122	0.5000	0.0208	0.0200	3.8	20.0
1,2-Dichloroethane	Ave	0.3527	0.3673	0.1000	0.0208	0.0200	4.1	20.0
n-Heptane	Ave	0.1707	0.2020		0.0237	0.0200	18.3	20.0
Trichloroethene	Ave	0.3019	0.3014	0.1500	0.0200	0.0200	-0.2	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Lab Sample ID: CCVIS 240-525559/4 Calibration Date: 05/09/2022 09:37
 Instrument ID: A3UX12 Calib Start Date: 04/20/2022 12:50
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 04/20/2022 15:24
 Lab File ID: u1290465.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methylcyclohexane	Ave	0.4352	0.4546	0.1000	0.0209	0.0200	4.5	20.0
1,2-Dichloropropane	Ave	0.2515	0.2666	0.1000	0.0212	0.0200	6.0	20.0
1,4-Dioxane	Lin1		0.0021		0.367	0.400	-8.4	50.0
Dibromomethane	Ave	0.1813	0.1898		0.0209	0.0200	4.7	20.0
Bromodichloromethane	Ave	0.3287	0.3396	0.1500	0.0207	0.0200	3.3	20.0
2-Chloroethyl vinyl ether	Ave	0.1670	0.2026		0.0485	0.0400	21.4*	20.0
cis-1,3-Dichloropropene	Ave	0.3954	0.4402	0.1500	0.0223	0.0200	11.3	50.0
4-Methyl-2-pentanone	Ave	0.2879	0.3325	0.0500	0.0462	0.0400	15.5	50.0
Toluene	Ave	1.579	1.584	0.4000	0.0201	0.0200	0.3	20.0
trans-1,3-Dichloropropene	Ave	0.5144	0.5410	0.1000	0.0210	0.0200	5.2	20.0
Ethyl methacrylate	Ave	0.4263	0.4739		0.0222	0.0200	11.2	20.0
1,1,2-Trichloroethane	Ave	0.3037	0.3113	0.1000	0.0205	0.0200	2.5	20.0
Tetrachloroethene	Ave	0.4395	0.4275	0.1500	0.0195	0.0200	-2.7	20.0
1,3-Dichloropropane	Ave	0.5581	0.5759		0.0206	0.0200	3.2	20.0
2-Hexanone	Ave	0.2810	0.3150	0.0500	0.0448	0.0400	12.1	50.0
Dibromochloromethane	Ave	0.3135	0.3246		0.0207	0.0200	3.5	20.0
1,2-Dibromoethane	Ave	0.3226	0.3361		0.0208	0.0200	4.2	20.0
Chlorobenzene	Ave	0.9941	0.9730	0.3000	0.0196	0.0200	-2.1	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3226	0.3206		0.0199	0.0200	-0.6	20.0
Ethylbenzene	Ave	0.5236	0.5282		0.0202	0.0200	0.9	20.0
m-Xylene & p-Xylene	Ave	0.6372	0.6482		0.0203	0.0200	1.7	20.0
o-Xylene	Ave	0.5989	0.6196		0.0207	0.0200	3.5	20.0
Styrene	Ave	0.997	1.048	0.3000	0.0210	0.0200	5.1	20.0
Bromoform	Ave	0.2214	0.2381	0.1000	0.0215	0.0200	7.5	20.0
Isopropylbenzene	Ave	1.555	1.600	0.1000	0.0206	0.0200	2.9	20.0
1,1,2,2-Tetrachloroethane	Ave	0.8178	0.8087	0.3000	0.0198	0.0200	-1.1	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2719	0.2966		0.0218	0.0200	9.1	20.0
Bromobenzene	Ave	0.8179	0.8110		0.0198	0.0200	-0.8	20.0
1,2,3-Trichloropropane	Ave	0.2850	0.2722		0.0191	0.0200	-4.5	20.0
n-Propylbenzene	Ave	0.8236	0.8402		0.0204	0.0200	2.0	20.0
2-Chlorotoluene	Ave	0.7029	0.7235		0.0206	0.0200	2.9	20.0
1,3,5-Trimethylbenzene	Ave	2.271	2.396		0.0211	0.0200	5.5	20.0
4-Chlorotoluene	Ave	0.7542	0.7683		0.0204	0.0200	1.9	20.0
tert-Butylbenzene	Ave	2.051	2.135		0.0208	0.0200	4.1	20.0
1,2,4-Trimethylbenzene	Ave	2.266	2.386		0.0211	0.0200	5.3	20.0
sec-Butylbenzene	Ave	2.769	2.920		0.0211	0.0200	5.5	20.0
p-Isopropyltoluene	Ave	2.321	2.462		0.0212	0.0200	6.1	20.0
1,3-Dichlorobenzene	Ave	1.475	1.426	0.6000	0.0193	0.0200	-3.3	20.0
1,4-Dichlorobenzene	Ave	1.547	1.470	0.5000	0.0190	0.0200	-4.9	20.0
n-Butylbenzene	Ave	1.965	1.975		0.0201	0.0200	0.5	20.0
1,2-Dichlorobenzene	Ave	1.373	1.343	0.4000	0.0196	0.0200	-2.2	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Lab Sample ID: CCVIS 240-525559/4 Calibration Date: 05/09/2022 09:37
 Instrument ID: A3UX12 Calib Start Date: 04/20/2022 12:50
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 04/20/2022 15:24
 Lab File ID: u1290465.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dibromo-3-Chloropropane	Ave	0.1903	0.1879	0.0500	0.0197	0.0200	-1.3	50.0
1,2,4-Trichlorobenzene	Ave	0.7551	0.7308	0.2000	0.0194	0.0200	-3.2	50.0
Hexachlorobutadiene	Ave	0.3301	0.3137		0.0190	0.0200	-5.0	50.0
Naphthalene	Ave	2.248	2.325		0.0207	0.0200	3.4	50.0
1,2,3-Trichlorobenzene	Ave	0.7170	0.7417		0.0207	0.0200	3.4	20.0
Dibromofluoromethane (Surr)	Ave	0.2478	0.2410		0.0195	0.0200	-2.7	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2932	0.2984		0.0204	0.0200	1.8	20.0
Toluene-d8 (Surr)	Ave	1.331	1.319		0.0198	0.0200	-0.9	20.0
4-Bromofluorobenzene (Surr)	Ave	0.4710	0.4687		0.0199	0.0200	-0.5	20.0

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Lab File ID: bfb994.d BFB Injection Date: 02/09/2022
 Instrument ID: A3UX19 BFB Injection Time: 14:36
 Analysis Batch No.: 517690

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	19.4	
75	30.0 - 60.0 % of mass 95	52.0	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.5	
173	Less than 2.0 % of mass 174	0.0	(0.0) 1
174	Greater than 50% of mass 95	88.0	
175	5.0 - 9.0 % of mass 174	6.7	(7.6) 1
176	95.0 - 101.0 % of mass 174	84.2	(95.7) 1
177	5.0 - 9.0 % of mass 176	5.7	(6.7) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD8260 240-517690/9	U1926068.d	02/09/2022	15:45
	STD8260 240-517690/10	U1926069.d	02/09/2022	16:07
	STD8260 240-517690/11	U1926070.d	02/09/2022	16:30
	STD8260 240-517690/12	U1926071.d	02/09/2022	16:52
	ICIS 240-517690/13	U1926072.d	02/09/2022	17:15
	STD8260 240-517690/14	U1926073.d	02/09/2022	17:37
	STD8260 240-517690/15	U1926074.d	02/09/2022	17:59
	STD8260 240-517690/16	U1926075.d	02/09/2022	18:21

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Canton Job No.: 240-165545-1 Analy Batch No.: 517690

SDG No.: _____

Instrument ID: A3UX19 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/09/2022 15:45 Calibration End Date: 02/09/2022 18:21 Calibration ID: 63822

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8260 240-517690/9	U1926068.d
Level 2	STD8260 240-517690/10	U1926069.d
Level 3	STD8260 240-517690/11	U1926070.d
Level 4	STD8260 240-517690/12	U1926071.d
Level 5	ICIS 240-517690/13	U1926072.d
Level 6	STD8260 240-517690/14	U1926073.d
Level 7	STD8260 240-517690/15	U1926074.d
Level 8	STD8260 240-517690/16	U1926075.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
Dichlorodifluoromethane	0.5235 0.4339	0.5358 0.4416	0.4541 0.4075	0.4640	0.4372	Ave	0.462 2			0.1000	9.7		20.0				
Chloromethane	0.5389 0.4096	0.5657 0.4185	0.4682 0.3851	0.4384	0.4337	Ave	0.457 2			0.1000	13.9		20.0				
Vinyl chloride	0.5351 0.4352	0.5218 0.4450	0.4654 0.4097	0.4587	0.4532	Ave	0.465 5			0.1000	9.1		20.0				
Butadiene	++++ 0.4054	0.6013 0.4084	0.4631 0.3733	0.4222	0.4211	Ave	0.442 1				17.0		20.0				
Bromomethane	++++ 0.3316	0.4625 0.3440	0.3623 0.3216	0.3455	0.3409	Ave	0.358 3			0.0500	13.3		20.0				
Chloroethane	++++ 0.2823	0.3759 0.2904	0.2946 0.2712	0.2954	0.2856	Ave	0.299 4			0.0500	11.6		20.0				
Dichlorofluoromethane	++++ 0.6884	1.0076 0.7001	0.8415 0.6442	0.7309	0.7293	Ave	0.763 1				16.2		20.0				
Trichlorofluoromethane	0.7254 0.6407	0.8177 0.6489	0.6823 0.5908	0.6793	0.6652	Ave	0.681 3			0.1000	9.9		20.0				
Ethyl ether	0.2493 0.2355	0.2791 0.2353	0.2379 0.2318	0.2315	0.2310	Ave	0.241 4				6.8		20.0				
Acrolein	++++ 0.0623	0.0864 0.0603	0.0630 0.0598	0.0696	0.0643	Ave	0.066 5				14.1		20.0				
1,1-Dichloroethene	0.4511 0.4675	0.5515 0.4753	0.4711 0.4463	0.4666	0.4621	Ave	0.473 9			0.1000	6.9		20.0				
1,1,2-Trichloro-1,2,2-trifluoroethane	0.3623 0.3278	0.3779 0.3317	0.3132 0.3107	0.3258	0.3254	Ave	0.334 4			0.0500	7.1		20.0				
Acetone	++++ 0.0987	0.1798 0.0887	0.1309 0.0832	0.1200	0.1026	Lin1	0.215 8	0.088 6		0.0100	16.1			0.9920		0.9900	

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Canton Job No.: 240-165545-1 Analy Batch No.: 517690

SDG No.: _____

Instrument ID: A3UX19 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/09/2022 15:45 Calibration End Date: 02/09/2022 18:21 Calibration ID: 63822

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
Iodomethane	0.5451 0.5286	0.6359 0.5403	0.5465 0.5089	0.5345	0.5149	Ave		0.544 3			7.2		20.0				
Carbon disulfide	0.9280 0.7815	0.9585 0.8040	0.8437 0.7260	0.7960	0.7844	Ave		0.827 8		0.1000	9.5		20.0				
Methyl acetate	0.3670 0.3008	0.3945 0.2928	0.3149 0.2812	0.3132	0.3079	Ave		0.321 5		0.1000	12.1		20.0				
3-Chloro-1-propene	0.6685 0.4328	0.6442 0.4298	0.5179 0.4205	0.4449	0.4323	Lin1	0.161 4	0.424 1			9.5			1.0000		0.9900	
Methylene Chloride	++++ 0.4091	0.5332 0.4157	0.4428 0.3862	0.4219	0.4050	Ave		0.430 5		0.1000	11.2		20.0				
2-Methyl-2-propanol	0.0674 ++++	0.0728 ++++	0.0554 ++++	0.0483	0.0558	Ave		0.059 9			16.6		20.0				
Acrylonitrile	0.1679 0.1308	0.1835 0.1259	0.1585 0.1196	0.1462	0.1332	Ave		0.145 7			15.4		20.0				
Methyl tert-butyl ether	0.9933 0.8608	1.0729 0.8775	0.9138 0.8544	0.8904	0.8617	Ave		0.915 6		0.1000	8.5		20.0				
trans-1,2-Dichloroethene	0.4236 0.4313	0.5409 0.4235	0.4439 0.4162	0.4182	0.4173	Ave		0.439 4		0.1000	9.6		20.0				
Hexane	0.3912 0.3998	0.5154 0.3924	0.4041 0.3836	0.3812	0.4069	Ave		0.409 3			10.7		20.0				
Vinyl acetate	0.7702 0.6892	0.8264 0.6625	0.6670 0.6244	0.6603	0.6681	Ave		0.696 0			9.7		20.0				
1,1-Dichloroethane	0.5666 0.5345	0.6303 0.5239	0.5460 0.5198	0.5356	0.5189	Ave		0.546 9		0.2000	6.8		20.0				
2-Butanone (MEK)	0.0573 0.0654	0.0646 0.0656	0.0582 0.0647	0.0543	0.0559	Ave		0.060 8		0.0100	7.8		20.0				
cis-1,2-Dichloroethene	0.3748 0.3368	0.4129 0.3352	0.3368 0.3336	0.3322	0.3300	Ave		0.349 1		0.1000	8.5		20.0				
2,2-Dichloropropane	0.3690 0.3111	0.4096 0.2930	0.3411 0.2830	0.3123	0.3218	Ave		0.330 1			12.7		20.0				
Chlorobromomethane	0.3004 0.2612	0.3328 0.2573	0.2662 0.2524	0.2579	0.2534	Ave		0.272 7			10.6		20.0				
Tetrahydrofuran	0.1796 0.1318	0.1783 0.1595	0.1694 0.1247	0.1449	0.1297	Ave		0.152 2			14.7		20.0				
Chloroform	0.6180 0.5611	0.6855 0.5595	0.5966 0.5503	0.5569	0.5549	Ave		0.585 4		0.2000	8.0		20.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Canton Job No.: 240-165545-1 Analy Batch No.: 517690

SDG No.: _____

Instrument ID: A3UX19 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/09/2022 15:45 Calibration End Date: 02/09/2022 18:21 Calibration ID: 63822

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
1,1,1-Trichloroethane	0.5441 0.5512	0.6441 0.5424	0.5585 0.5322	0.5295	0.5370	Ave		0.554 9		0.1000	6.7		20.0				
Cyclohexane	0.5238 0.4843	0.5501 0.4888	0.5027 0.5513	0.4631	0.5674	Ave		0.516 5		0.1000	7.3		20.0				
1,1-Dichloropropene	0.4179 0.4412	0.5255 0.4348	0.4582 0.4332	0.4279	0.4326	Ave		0.446 4			7.6		20.0				
Isobutyl alcohol	0.0186 0.0252	0.0247 0.0253	0.0192 0.0244	0.0213	0.0174	Ave		0.022 0			14.9		20.0				
Carbon tetrachloride	0.4714 0.4952	0.5668 0.4940	0.4923 0.4785	0.4786	0.4867	Ave		0.495 4		0.1000	6.1		20.0				
Benzene	1.2701 1.1914	1.3944 1.1795	1.2406 1.1477	1.1607	1.1467	Ave		1.216 4		0.5000	6.9		20.0				
1,2-Dichloroethane	0.4852 0.4625	0.5111 0.4553	0.4595 0.4482	0.4473	0.4363	Ave		0.463 2		0.1000	5.2		20.0				
n-Heptane	++++ 0.2064	0.9785 0.1992	0.5683 0.1919	0.2547	0.2241	Lin1	0.782 8	0.184 1			3.9			1.0000		0.9900	
Trichloroethene	0.3652 0.3489	0.3940 0.3465	0.3494 0.3495	0.3330	0.3385	Ave		0.353 1		0.1500	5.4		20.0				
Methylcyclohexane	0.5171 0.5455	0.6037 0.5434	0.5381 0.5268	0.5115	0.5318	Ave		0.539 7		0.1000	5.3		20.0				
1,2-Dichloropropane	0.3361 0.2922	0.3336 0.2930	0.3047 0.2900	0.2868	0.2884	Ave		0.303 1		0.1000	6.7		20.0				
1,4-Dioxane	0.0041 0.0059	0.0053 0.0059	0.0057 0.0060	0.0049	0.0057	Ave		0.005 4			11.9		20.0				
Dibromomethane	0.2705 0.2412	0.2727 0.2399	0.2317 0.2408	0.2331	0.2363	Ave		0.245 8			6.6		20.0				
Dichlorobromomethane	0.4766 0.4317	0.4890 0.4307	0.4276 0.4230	0.4188	0.4181	Ave		0.439 4		0.1500	6.2		20.0				
2-Chloroethyl vinyl ether	0.2429 0.2250	0.2593 0.2247	0.2257 0.2236	0.2169	0.2177	Ave		0.229 5			6.3		20.0				
cis-1,3-Dichloropropene	0.4966 0.4838	0.5649 0.4857	0.4843 0.4820	0.4673	0.4711	Ave		0.492 0		0.1500	6.3		20.0				
4-Methyl-2-pentanone (MIBK)	0.4911 0.4615	0.5477 0.4599	0.4615 0.4500	0.4511	0.4563	Ave		0.472 4		0.0500	7.0		20.0				
Toluene	1.5773 1.4472	1.7463 1.4258	1.5182 1.4055	1.4523	1.4272	Ave		1.500 0		0.4000	7.6		20.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Canton Job No.: 240-165545-1 Analy Batch No.: 517690

SDG No.: _____

Instrument ID: A3UX19 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/09/2022 15:45 Calibration End Date: 02/09/2022 18:21 Calibration ID: 63822

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
trans-1,3-Dichloropropene	0.6123 0.5229	0.6016 0.5202	0.5028 0.5185	0.5037	0.5036	Ave		0.535 7		0.1000	8.4		20.0				
Ethyl methacrylate	0.5624 0.5162	0.5912 0.5139	0.5193 0.5171	0.4916	0.5078	Ave		0.527 4			6.2		20.0				
1,1,2-Trichloroethane	0.3601 0.3105	0.3592 0.3068	0.3251 0.3048	0.3088	0.3029	Ave		0.322 3		0.1000	7.5		20.0				
Tetrachloroethene	0.4132 0.4105	0.4739 0.4135	0.4114 0.4080	0.3948	0.4082	Ave		0.416 7		0.1500	5.7		20.0				
1,3-Dichloropropane	0.5678 0.5338	0.6098 0.5243	0.5464 0.5260	0.5315	0.5225	Ave		0.545 3			5.5		20.0				
2-Hexanone	0.4416 0.3847	0.4618 0.3761	0.3954 0.3734	0.3837	0.3833	Ave		0.400 0		0.0500	8.2		20.0				
Chlorodibromomethane	0.4011 0.3775	0.4330 0.3788	0.3804 0.3799	0.3662	0.3632	Ave		0.385 0			5.8		20.0				
Ethylene Dibromide	0.3945 0.3501	0.4001 0.3474	0.3573 0.3485	0.3432	0.3422	Ave		0.360 4			6.5		20.0				
Chlorobenzene	1.0636 0.9428	1.1091 0.9404	0.9779 0.9322	0.9420	0.9328	Ave		0.980 1		0.3000	7.0		20.0				
1,1,1,2-Tetrachloroethane	0.3980 0.3869	0.4314 0.3880	0.3861 0.3851	0.3682	0.3689	Ave		0.389 1			5.1		20.0				
Ethylbenzene	0.5352 0.5264	0.5743 0.5226	0.5586 0.5255	0.5105	0.5195	Ave		0.534 1			4.0		20.0				
m-Xylene & p-Xylene	0.6559 0.6424	0.7519 0.6427	0.6373 0.6476	0.6424	0.6288	Ave		0.656 1			6.0		20.0				
o-Xylene	0.6316 0.6414	0.7320 0.6429	0.6395 0.6364	0.6166	0.6247	Ave		0.645 6			5.6		20.0				
Styrene	1.0358 1.0514	1.1890 1.0470	1.0091 1.0418	1.0012	1.0167	Ave		1.049 0		0.3000	5.7		20.0				
Bromoform	0.3042 0.3005	0.3035 0.3008	0.2811 0.3058	0.2806	0.2894	Ave		0.295 7		0.1000	3.5		20.0				
Isopropylbenzene	1.6335 1.7200	1.9341 1.7148	1.6976 1.6474	1.6744	1.6854	Ave		1.713 4		0.1000	5.5		20.0				
1,1,2,2-Tetrachloroethane	1.1061 0.9010	1.0756 0.8999	0.9534 0.8820	0.9022	0.9065	Ave		0.953 3		0.3000	9.2		20.0				
trans-1,4-Dichloro-2-butene	0.4317 0.3118	0.3782 0.3093	0.3314 0.3003	0.3088	0.3141	Ave		0.335 7			13.7		20.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Canton Job No.: 240-165545-1 Analy Batch No.: 517690

SDG No.: _____

Instrument ID: A3UX19 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/09/2022 15:45 Calibration End Date: 02/09/2022 18:21 Calibration ID: 63822

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
Bromobenzene	0.8513 0.7441	0.8698 0.7507	0.8135 0.7476	0.7535	0.7454	Ave		0.784 5			6.7		20.0				
1,2,3-Trichloropropane	0.3501 0.3168	0.3608 0.3184	0.3356 0.3177	0.3292	0.3169	Ave		0.330 7			5.1		20.0				
N-Propylbenzene	0.8474 0.8119	0.9228 0.8256	0.8479 0.8124	0.8160	0.8105	Ave		0.836 8			4.5		20.0				
2-Chlorotoluene	0.7363 0.6999	0.8558 0.7023	0.7462 0.6974	0.6966	0.6935	Ave		0.728 5			7.6		20.0				
1,3,5-Trimethylbenzene	2.4966 2.4771	2.7625 2.4899	2.5398 2.4076	2.4342	2.4601	Ave		2.508 5			4.4		20.0				
4-Chlorotoluene	0.6948 0.7149	0.8004 0.7109	0.7631 0.7074	0.6970	0.7016	Ave		0.723 8			5.2		20.0				
tert-Butylbenzene	2.0956 2.1778	2.3378 2.1849	2.2089 2.1155	2.0850	2.1349	Ave		2.167 5			3.8		20.0				
1,2,4-Trimethylbenzene	2.6024 2.4844	2.8653 2.5042	2.5370 2.4190	2.4448	2.4743	Ave		2.541 4			5.6		20.0				
sec-Butylbenzene	3.0079 3.0688	3.3209 3.0814	3.1001 2.9262	2.9536	3.0719	Ave		3.066 3			3.9		20.0				
1,3-Dichlorobenzene	1.5615 1.3918	1.6248 1.3996	1.4598 1.3676	1.3659	1.3863	Ave		1.444 7		0.6000	6.8		20.0				
4-Isopropyltoluene	2.5217 2.6455	2.9412 2.6622	2.6275 2.5577	2.5310	2.6097	Ave		2.637 1			5.1		20.0				
1,4-Dichlorobenzene	1.5440 1.3953	1.6339 1.3981	1.5416 1.3687	1.3680	1.3809	Ave		1.453 8		0.5000	7.1		20.0				
n-Butylbenzene	2.3241 2.2115	2.5320 2.2144	2.2479 2.1021	2.1595	2.1779	Ave		2.246 2			5.9		20.0				
1,2-Dichlorobenzene	1.4172 1.3073	1.6172 1.3295	1.3652 1.3051	1.3101	1.3201	Ave		1.371 5		0.4000	7.8		20.0				
1,2-Dibromo-3-Chloropropane	0.3129 0.2968	0.3423 0.3050	0.2852 0.3050	0.2822	0.2881	Ave		0.302 2		0.0500	6.4		20.0				
1,2,4-Trichlorobenzene	0.9440 0.8074	0.9661 0.8471	0.8450 0.8476	0.7972	0.8012	Ave		0.856 9		0.2000	7.5		20.0				
Hexachlorobutadiene	0.3370 0.3254	0.3375 0.3326	0.3353 0.3192	0.3179	0.3304	Ave		0.329 4			2.4		20.0				
Naphthalene	2.8380 2.8027	3.2866 2.9316	2.8429 2.9139	2.7273	2.7873	Ave		2.891 3			6.0		20.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Canton Job No.: 240-165545-1 Analy Batch No.: 517690

SDG No.: _____

Instrument ID: A3UX19 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/09/2022 15:45 Calibration End Date: 02/09/2022 18:21 Calibration ID: 63822

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
1,2,3-Trichlorobenzene	0.8589 0.7618	0.8405 0.8217	0.8063 0.8290	0.7474	0.7468	Ave		0.801 6			5.5		20.0				
Dibromofluoromethane (Surr)	++++ 0.3161	0.4113 0.3144	0.3441 0.3087	0.3225	0.3130	Ave		0.332 9			11.0		20.0				
1,2-Dichloroethane-d4 (Surr)	++++ 0.3718	0.4872 0.3685	0.4261 0.3605	0.3798	0.3676	Ave		0.394 5			11.7		20.0				
Toluene-d8 (Surr)	++++ 1.2143	1.5536 1.2007	1.3466 1.1764	1.2212	1.2106	Ave		1.274 8			10.6		20.0				
4-Bromofluorobenzene (Surr)	++++ 0.4646	0.6631 0.4586	0.5379 0.4569	0.4680	0.4638	Ave		0.501 8			15.3		20.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Canton Job No.: 240-165545-1 Analy Batch No.: 517690

SDG No.: _____

Instrument ID: A3UX19 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/09/2022 15:45 Calibration End Date: 02/09/2022 18:21 Calibration ID: 63822

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8260 240-517690/9	U1926068.d
Level 2	STD8260 240-517690/10	U1926069.d
Level 3	STD8260 240-517690/11	U1926070.d
Level 4	STD8260 240-517690/12	U1926071.d
Level 5	ICIS 240-517690/13	U1926072.d
Level 6	STD8260 240-517690/14	U1926073.d
Level 7	STD8260 240-517690/15	U1926074.d
Level 8	STD8260 240-517690/16	U1926075.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
			LVL 6	LVL 7	LVL 8			LVL 6	LVL 7	LVL 8		
Dichlorodifluoromethane	FB	Ave	11443 836629	24101 1267064	41779 1685443	209335	408941	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Chloromethane	FB	Ave	11780 789719	25442 1200969	43078 1592772	197779	405642	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Vinyl chloride	FB	Ave	11696 839034	23469 1276839	42820 1694729	206937	423940	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Butadiene	FB	Ave	++++ 781574	27045 1171881	42606 1544171	190512	393910	++++ 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Bromomethane	FB	Ave	++++ 639331	20800 987127	33327 1330363	155878	318885	++++ 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Chloroethane	FB	Ave	++++ 544378	16907 833421	27102 1121979	133261	267173	++++ 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Dichlorofluoromethane	FB	Ave	++++ 1327252	45318 2008921	77419 2664863	329772	682194	++++ 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Trichlorofluoromethane	FB	Ave	15857 1235413	36778 1862036	62774 2443642	306468	622200	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Ethyl ether	FB	Ave	5449 454086	12551 675276	21886 958765	104445	216105	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Acrolein	FB	Ave	++++ 600758	19437 864603	28994 1236155	156953	300841	++++ 200	5.00 300	10.0 400	50.0	100
1,1-Dichloroethene	FB	Ave	9861 901430	24804 1363894	43339 1845991	210505	432270	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	7920 632135	16999 951775	28810 1285246	146993	304342	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Acetone	FB	Lin1	++++	16173	24087	108302	191894	++++	2.00	4.00	20.0	40.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Canton Job No.: 240-165545-1 Analy Batch No.: 517690

SDG No.: _____

Instrument ID: A3UX19 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/09/2022 15:45 Calibration End Date: 02/09/2022 18:21 Calibration ID: 63822

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
			380455	509164	688632			80.0	120	160		
Iodomethane	FB	Ave	11915 1019207	28600 1550330	50282 2105232	241159	481634	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Carbon disulfide	FB	Ave	20286 1506845	43110 2307269	77621 3003123	359145	733704	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Methyl acetate	FB	Ave	16044 1159986	35486 1680530	57935 2326124	282578	575953	1.00 80.0	2.00 120	4.00 160	20.0	40.0
3-Chloro-1-propene	FB	Lin1	14613 834459	28974 1233220	47646 1739328	200720	404401	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Methylene Chloride	FB	Ave	++++ 788811	23980 1192827	40737 1597339	190348	378787	++++ 40.0	1.00 60.0	2.00 80.0	10.0	20.0
2-Methyl-2-propanol	FB	Ave	14737 ++++	32741 ++++	50936 ++++	217956	521942	5.00 ++++	10.0 ++++	20.0 ++++	100	200
Acrylonitrile	FB	Ave	36695 2521686	82552 3611980	145792 4947024	659753	1245927	5.00 400	10.0 600	20.0 800	100	200
Methyl tert-butyl ether	FB	Ave	21712 1659752	48257 2518121	84070 3534025	401757	806031	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
trans-1,2-Dichloroethene	FB	Ave	9260 831517	24328 1215207	40839 1721566	188681	390308	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Hexane	FB	Ave	8552 770828	23179 1125927	37174 1586762	171975	380616	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Vinyl acetate	FB	Ave	16836 1328807	37171 1901045	61365 2582927	297923	624888	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
1,1-Dichloroethane	FB	Ave	12385 1030554	28351 1503364	50228 2150079	241660	485386	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
2-Butanone (MEK)	FB	Ave	2506 252301	5812 376206	10710 534995	49037	104634	1.00 80.0	2.00 120	4.00 160	20.0	40.0
cis-1,2-Dichloroethene	FB	Ave	8194 649337	18573 961749	30990 1380123	149876	308674	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
2,2-Dichloropropane	FB	Ave	8066 599936	18423 840884	31378 1170553	140913	300959	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Chlorobromomethane	FB	Ave	6566 503683	14969 738386	24487 1043937	116379	236988	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Tetrahydrofuran	FB	Ave	7851 508129	16036 915414	31162 1031357	130726	242622	1.00 80.0	2.00 120	4.00 160	20.0	40.0
Chloroform	FB	Ave	13510	30834	54890	251256	519062	0.500	1.00	2.00	10.0	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Canton Job No.: 240-165545-1 Analy Batch No.: 517690

SDG No.: _____

Instrument ID: A3UX19 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/09/2022 15:45 Calibration End Date: 02/09/2022 18:21 Calibration ID: 63822

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
			1081928	1605388	2276373			40.0	60.0	80.0		
1,1,1-Trichloroethane	FB	Ave	11893 1062805	28968 1556438	51383 2201216	238920	502325	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Cyclohexane	FB	Ave	11450 933884	24741 1402719	46249 2280593	208951	530771	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
1,1-Dichloropropene	FB	Ave	9136 850701	23635 1247649	42153 1792083	193051	404614	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Isobutyl alcohol	FB	Ave	10157 1214455	27783 1816422	44167 2519743	240723	406739	12.5 1000	25.0 1500	50.0 2000	250	500
Carbon tetrachloride	FB	Ave	10304 954806	25494 1417496	45287 1979284	215935	455204	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Benzene	FB	Ave	27763 2297183	62717 3384726	114136 4747544	523713	1072597	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
1,2-Dichloroethane	FB	Ave	10607 891736	22987 1306549	42277 1853873	201823	408077	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
n-Heptane	FB	Lin1	++++ 397893	44009 571505	52279 793584	114905	209601	++++ 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Trichloroethene	FB	Ave	7982 672709	17720 994314	32148 1445873	150263	316656	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Methylcyclohexane	FB	Ave	11304 1051774	27152 1559250	49504 2178960	230790	497471	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
1,2-Dichloropropane	FB	Ave	7348 563371	15006 840657	28030 1199759	129406	269793	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
1,4-Dioxane	FB	Ave	1798 226474	4741 338880	10427 495765	44032	105997	10.0 800	20.0 1200	40.0 1600	200	400
Dibromomethane	FB	Ave	5913 465005	12267 688495	21314 995962	105183	220996	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Dichlorobromomethane	FB	Ave	10418 832403	21994 1235820	39335 1749869	188959	391035	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
2-Chloroethyl vinyl ether	FB	Ave	10621 867490	23327 1289501	41521 1849947	195729	407231	1.00 80.0	2.00 120	4.00 160	20.0	40.0
cis-1,3-Dichloropropene	FB	Ave	10855 932786	25409 1393651	44552 1993964	210850	440620	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
4-Methyl-2-pentanone (MIBK)	FB	Ave	21470 1779757	49270 2639233	84921 3723182	407016	853596	1.00 80.0	2.00 120	4.00 160	20.0	40.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Canton Job No.: 240-165545-1 Analy Batch No.: 517690

SDG No.: _____

Instrument ID: A3UX19 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/09/2022 15:45 Calibration End Date: 02/09/2022 18:21 Calibration ID: 63822

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Toluene	CBNZ d5	Ave	30147	68531	121795	575843	1174796	0.500	1.00	2.00	10.0	20.0
			2485142	3683856	5188413			40.0	60.0	80.0		
trans-1,3-Dichloropropene	CBNZ d5	Ave	11703	23610	40338	199725	414540	0.500	1.00	2.00	10.0	20.0
			897980	1344113	1914103			40.0	60.0	80.0		
Ethyl methacrylate	CBNZ d5	Ave	10749	23200	41660	194942	417996	0.500	1.00	2.00	10.0	20.0
			886518	1327737	1908841			40.0	60.0	80.0		
1,1,2-Trichloroethane	CBNZ d5	Ave	6882	14098	26081	122458	249323	0.500	1.00	2.00	10.0	20.0
			533221	792683	1125092			40.0	60.0	80.0		
Tetrachloroethene	CBNZ d5	Ave	7897	18596	33003	156561	336004	0.500	1.00	2.00	10.0	20.0
			704859	1068353	1506094			40.0	60.0	80.0		
1,3-Dichloropropane	CBNZ d5	Ave	10852	23932	43838	210764	430120	0.500	1.00	2.00	10.0	20.0
			916694	1354792	1941737			40.0	60.0	80.0		
2-Hexanone	CBNZ d5	Ave	16881	36242	63441	304314	631014	1.00	2.00	4.00	20.0	40.0
			1321144	1943748	2756912			80.0	120	160		
Chlorodibromomethane	CBNZ d5	Ave	7667	16991	30517	145203	298917	0.500	1.00	2.00	10.0	20.0
			648249	978686	1402417			40.0	60.0	80.0		
Ethylene Dibromide	CBNZ d5	Ave	7540	15701	28661	136079	281643	0.500	1.00	2.00	10.0	20.0
			601198	897475	1286661			40.0	60.0	80.0		
Chlorobenzene	CBNZ d5	Ave	20328	43527	78454	373527	767840	0.500	1.00	2.00	10.0	20.0
			1619079	2429888	3441155			40.0	60.0	80.0		
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	7607	16931	30978	146011	303658	0.500	1.00	2.00	10.0	20.0
			664361	1002448	1421449			40.0	60.0	80.0		
Ethylbenzene	CBNZ d5	Ave	10229	22538	44812	202429	427582	0.500	1.00	2.00	10.0	20.0
			903870	1350345	1939992			40.0	60.0	80.0		

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Canton Job No.: 240-165545-1 Analy Batch No.: 517690

SDG No.: _____

Instrument ID: A3UX19 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/09/2022 15:45 Calibration End Date: 02/09/2022 18:21 Calibration ID: 63822

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
m-Xylene & p-Xylene	CBNZ d5	Ave	12536	29507	51126	254713	517541	0.500	1.00	2.00	10.0	20.0
			1103149	1660650	2390720			40.0	60.0	80.0		
o-Xylene	CBNZ d5	Ave	12071	28728	51301	244477	514202	0.500	1.00	2.00	10.0	20.0
			1101460	1660997	2349185			40.0	60.0	80.0		
Styrene	CBNZ d5	Ave	19798	46662	80953	396991	836828	0.500	1.00	2.00	10.0	20.0
			1805581	2705079	3846071			40.0	60.0	80.0		
Bromoform	CBNZ d5	Ave	5814	11912	22550	111266	238201	0.500	1.00	2.00	10.0	20.0
			516092	777083	1128745			40.0	60.0	80.0		
Isopropylbenzene	CBNZ d5	Ave	31221	75903	136189	663902	1387328	0.500	1.00	2.00	10.0	20.0
			2953614	4430718	6081399			40.0	60.0	80.0		
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	11491	23084	41215	198090	413609	0.500	1.00	2.00	10.0	20.0
			869904	1306661	1847583			40.0	60.0	80.0		
trans-1,4-Dichloro-2-butene	DCBd 4	Ave	4485	8118	14326	67800	143294	0.500	1.00	2.00	10.0	20.0
			300997	449134	629108			40.0	60.0	80.0		
Bromobenzene	DCBd 4	Ave	8844	18669	35167	165426	340103	0.500	1.00	2.00	10.0	20.0
			718424	1090035	1565934			40.0	60.0	80.0		
1,2,3-Trichloropropane	DCBd 4	Ave	3637	7743	14508	72284	144593	0.500	1.00	2.00	10.0	20.0
			305870	462351	665368			40.0	60.0	80.0		
N-Propylbenzene	DCBd 4	Ave	8803	19806	36653	179157	369782	0.500	1.00	2.00	10.0	20.0
			783920	1198767	1701617			40.0	60.0	80.0		
2-Chlorotoluene	DCBd 4	Ave	7649	18367	32259	152950	316403	0.500	1.00	2.00	10.0	20.0
			675741	1019746	1460763			40.0	60.0	80.0		
1,3,5-Trimethylbenzene	DCBd 4	Ave	25937	59291	109793	534452	1122462	0.500	1.00	2.00	10.0	20.0
			2391561	3615264	5043093			40.0	60.0	80.0		

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Canton Job No.: 240-165545-1 Analy Batch No.: 517690

SDG No.: _____

Instrument ID: A3UX19 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/09/2022 15:45 Calibration End Date: 02/09/2022 18:21 Calibration ID: 63822

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
4-Chlorotoluene	DCBd 4	Ave	7218	17179	32989	153028	320125	0.500	1.00	2.00	10.0	20.0
			690226	1032232	1481853			40.0	60.0	80.0		
tert-Butylbenzene	DCBd 4	Ave	21771	50174	95490	457778	974079	0.500	1.00	2.00	10.0	20.0
			2102586	3172379	4431195			40.0	60.0	80.0		
1,2,4-Trimethylbenzene	DCBd 4	Ave	27036	61496	109675	536779	1128917	0.500	1.00	2.00	10.0	20.0
			2398603	3635994	5067027			40.0	60.0	80.0		
sec-Butylbenzene	DCBd 4	Ave	31248	71274	134015	648490	1401602	0.500	1.00	2.00	10.0	20.0
			2962914	4474024	6129279			40.0	60.0	80.0		
1,3-Dichlorobenzene	DCBd 4	Ave	16222	34872	63108	299900	632503	0.500	1.00	2.00	10.0	20.0
			1343726	2032203	2864729			40.0	60.0	80.0		
4-Isopropyltoluene	DCBd 4	Ave	26197	63126	113585	555686	1190693	0.500	1.00	2.00	10.0	20.0
			2554211	3865432	5357475			40.0	60.0	80.0		
1,4-Dichlorobenzene	DCBd 4	Ave	16040	35068	66644	300361	630058	0.500	1.00	2.00	10.0	20.0
			1347113	2029916	2866875			40.0	60.0	80.0		
n-Butylbenzene	DCBd 4	Ave	24145	54342	97177	474123	993691	0.500	1.00	2.00	10.0	20.0
			2135190	3215214	4403232			40.0	60.0	80.0		
1,2-Dichlorobenzene	DCBd 4	Ave	14723	34709	59018	287645	602328	0.500	1.00	2.00	10.0	20.0
			1262127	1930315	2733732			40.0	60.0	80.0		
1,2-Dibromo-3-Chloropropane	DCBd 4	Ave	3251	7346	12327	61948	131442	0.500	1.00	2.00	10.0	20.0
			286580	442914	638798			40.0	60.0	80.0		
1,2,4-Trichlorobenzene	DCBd 4	Ave	9807	20734	36531	175030	365573	0.500	1.00	2.00	10.0	20.0
			779496	1229927	1775369			40.0	60.0	80.0		
Hexachlorobutadiene	DCBd 4	Ave	3501	7244	14494	69787	150770	0.500	1.00	2.00	10.0	20.0
			314213	482877	668514			40.0	60.0	80.0		

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Canton Job No.: 240-165545-1 Analy Batch No.: 517690

SDG No.: _____

Instrument ID: A3UX19 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/09/2022 15:45 Calibration End Date: 02/09/2022 18:21 Calibration ID: 63822

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Naphthalene	DCBd 4	Ave	29483	70539	122898	598802	1271736	0.500	1.00	2.00	10.0	20.0
			2705995	4256582	6103615			40.0	60.0	80.0		
1,2,3-Trichlorobenzene	DCBd 4	Ave	8923	18039	34857	164102	340748	0.500	1.00	2.00	10.0	20.0
			735537	1193008	1736433			40.0	60.0	80.0		
Dibromofluoromethane (Surr)	FB	Ave	++++	18498	31653	145502	292803	++++	1.00	2.00	10.0	20.0
			609549	902220	1276890			40.0	60.0	80.0		
1,2-Dichloroethane-d4 (Surr)	FB	Ave	++++	21914	39200	171378	343884	++++	1.00	2.00	10.0	20.0
			716938	1057498	1491127			40.0	60.0	80.0		
Toluene-d8 (Surr)	CBNZ d5	Ave	++++	60969	108031	484225	996470	++++	1.00	2.00	10.0	20.0
			2085171	3102302	4342867			40.0	60.0	80.0		
4-Bromofluorobenzene (Surr)	CBNZ d5	Ave	++++	26021	43156	185569	381775	++++	1.00	2.00	10.0	20.0
			797883	1184826	1686633			40.0	60.0	80.0		

Curve Type Legend

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Canton Job No.: 240-165545-1 Analy Batch No.: 517690

SDG No.: _____

Instrument ID: A3UX19 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/09/2022 15:45 Calibration End Date: 02/09/2022 18:21 Calibration ID: 63822

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8260 240-517690/9	U1926068.d
Level 2	STD8260 240-517690/10	U1926069.d
Level 3	STD8260 240-517690/11	U1926070.d
Level 4	STD8260 240-517690/12	U1926071.d
Level 5	ICIS 240-517690/13	U1926072.d
Level 6	STD8260 240-517690/14	U1926073.d
Level 7	STD8260 240-517690/15	U1926074.d
Level 8	STD8260 240-517690/16	U1926075.d

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
	LVL 7 #	LVL 8 #					LVL 7	LVL 8				
Acetone	+++++	-18.8						50				
3-Chloro-1-propene	-18.5						50					
n-Heptane	+++++	6.3						50				

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Lab File ID: bfb995.d BFB Injection Date: 02/10/2022
 Instrument ID: A3UX19 BFB Injection Time: 10:50
 Analysis Batch No.: 517767

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	18.9	
75	30.0 - 60.0 % of mass 95	50.3	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.6	
173	Less than 2.0 % of mass 174	0.0	(0.0) 1
174	Greater than 50% of mass 95	87.8	
175	5.0 - 9.0 % of mass 174	6.8	(7.7) 1
176	95.0 - 101.0 % of mass 174	85.0	(96.9) 1
177	5.0 - 9.0 % of mass 176	5.6	(6.6) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STDA9 240-517767/10	U1926085.d	02/10/2022	13:07
	STDA9 240-517767/11	U1926086.d	02/10/2022	13:29
	STDA9 240-517767/12	U1926087.d	02/10/2022	13:51
	STDA9 240-517767/13	U1926088.d	02/10/2022	14:14
	STDA9 240-517767/14	U1926089.d	02/10/2022	14:36
	STDA9 240-517767/15	U1926090.d	02/10/2022	14:58
	STDA9 240-517767/16	U1926091.d	02/10/2022	15:21
	ICV 240-517767/17	U1926092.d	02/10/2022	15:43

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Canton Job No.: 240-165545-1 Analy Batch No.: 517767

SDG No.: _____

Instrument ID: A3UX19 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/10/2022 13:07 Calibration End Date: 02/10/2022 15:21 Calibration ID: 63830

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STDA9 240-517767/10	U1926085.d
Level 2	STDA9 240-517767/11	U1926086.d
Level 3	STDA9 240-517767/12	U1926087.d
Level 4	STDA9 240-517767/13	U1926088.d
Level 5	STDA9 240-517767/14	U1926089.d
Level 6	STDA9 240-517767/15	U1926090.d
Level 7	STDA9 240-517767/16	U1926091.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7															
Acetonitrile	0.0458 ++++	0.0395 ++++	0.0580	0.0454	0.0365	Ave		0.045 1			18.3		20.0				
Diisopropyl ether	0.2683 0.2531	0.2549 0.2440	0.2443	0.2489	0.2464	Ave		0.251 4			3.4		20.0				
2-Chloro-1,3-butadiene	0.4970 0.4944	0.4845 0.4695	0.4851	0.4927	0.4837	Ave		0.486 7			1.9		20.0				
Ethyl tert-Butyl Ether (ETBE)	0.8591 0.8635	0.9036 0.8360	0.8788	0.8801	0.8455	Ave		0.866 7			2.6		20.0				
Ethyl acetate	0.4131 0.4034	0.4278 0.3832	0.3896	0.3939	0.3995	Ave		0.401 5			3.8		20.0				
Propionitrile	0.0618 0.0509	0.0527 0.0491	0.0531	0.0576	0.0516	Ave		0.053 8			8.2		20.0				
Methacrylonitrile	0.2409 0.2271	0.2412 0.2137	0.2293	0.2333	0.2266	Ave		0.230 3			4.1		20.0				
Tert-amyl-methyl ether (TAME)	0.9031 1.0486	0.9585 1.0078	0.9647	0.9565	0.9357	Ave		0.967 9			4.9		20.0				
n-Butanol	0.0179 0.0194	0.0159 0.0188	0.0155	0.0158	0.0188	Ave		0.017 5			9.5		20.0				
Ethyl acrylate	0.5329 0.5294	0.5400 0.5102	0.4824	0.4960	0.5060	Ave		0.513 8			4.1		20.0				
Methyl methacrylate	0.3329 0.3479	0.3340 0.3293	0.3242	0.3229	0.3317	Ave		0.331 9			2.5		20.0				
2-Nitropropane	0.1199 0.1443	0.1260 0.1369	0.1275	0.1236	0.1407	Ave		0.131 3			7.1		20.0				
n-Butyl acetate	0.6499 0.6868	0.7043 0.6367	0.6357	0.6414	0.6449	Ave		0.657 1			4.1		20.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Canton Job No.: 240-165545-1 Analy Batch No.: 517767

SDG No.: _____

Instrument ID: A3UX19 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/10/2022 13:07 Calibration End Date: 02/10/2022 15:21 Calibration ID: 63830

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7															
1-Chlorohexane	0.4916 0.4908	0.5163 0.4650	0.4513	0.4700	0.4597	Ave		0.477 8			4.8		20.0				
Cyclohexanone	++++ 0.0234	0.0201 0.0225	0.0180	0.0200	0.0225	Ave		0.021 1			9.8		20.0				
Pentachloroethane	0.3811 ++++	0.3105 ++++	0.2890	0.3405	0.2873	Ave		0.321 7			12.3		20.0				
1,2,3-Trimethylbenzene	2.2245 2.5596	2.3984 2.3824	2.3510	2.3502	2.3365	Ave		2.371 8			4.2		20.0				
Benzyl chloride	1.5332 1.7516	1.5896 1.6124	1.5446	1.5714	1.6133	Ave		1.602 3			4.5		20.0				
1,3,5-Trichlorobenzene	0.8223 0.9214	0.9034 0.8656	0.8394	0.8502	0.8355	Ave		0.862 5			4.3		20.0				
2-Methylnaphthalene	1.2605 1.7551	1.2676 1.6754	1.3400	1.4048	1.5291	Ave		1.461 8			13.5		20.0				
1-Methylnaphthalene	1.1341 1.6466	1.1787 1.5793	1.2642	1.3270	1.4549	Ave		1.369 3			14.4		20.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Canton Job No.: 240-165545-1 Analy Batch No.: 517767

SDG No.: _____

Instrument ID: A3UX19 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/10/2022 13:07 Calibration End Date: 02/10/2022 15:21 Calibration ID: 63830

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STDA9 240-517767/10	U1926085.d
Level 2	STDA9 240-517767/11	U1926086.d
Level 3	STDA9 240-517767/12	U1926087.d
Level 4	STDA9 240-517767/13	U1926088.d
Level 5	STDA9 240-517767/14	U1926089.d
Level 6	STDA9 240-517767/15	U1926090.d
Level 7	STDA9 240-517767/16	U1926091.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Acetonitrile	FB	Ave	10731 ++++	17556 ++++	273830	436620	707637	5.00 ++++	10.0 ++++	100	200	400
Diisopropyl ether	FB	Ave	6290 753249	11326 1007077	115240	239334	477285	0.500 60.0	1.00 80.0	10.0	20.0	40.0
2-Chloro-1,3-butadiene	FB	Ave	11652 1471268	21530 1938127	228827	473778	937032	0.500 60.0	1.00 80.0	10.0	20.0	40.0
Ethyl tert-Butyl Ether (ETBE)	FB	Ave	20141 2569394	40157 3450869	414549	846355	1638137	0.500 60.0	1.00 80.0	10.0	20.0	40.0
Ethyl acetate	FB	Ave	19371 2400836	38024 3163840	367563	757664	1547938	1.00 120	2.00 160	20.0	40.0	80.0
Propionitrile	FB	Ave	14499 1515879	23406 2027295	250448	553930	999137	5.00 600	10.0 800	100	200	400
Methacrylonitrile	FB	Ave	56481 6757360	107169 8820531	1081890	2243757	4389872	5.00 600	10.0 800	100	200	400
Tert-amyl-methyl ether (TAME)	FB	Ave	21173 3120321	42594 4159978	455078	919856	1812850	0.500 60.0	1.00 80.0	10.0	20.0	40.0
n-Butanol	FB	Ave	10520 1442598	17719 1939093	182826	379851	909332	12.5 1500	25.0 2000	250	500	1000
Ethyl acrylate	FB	Ave	12493 1575292	23997 2105844	227552	476954	980382	0.500 60.0	1.00 80.0	10.0	20.0	40.0
Methyl methacrylate	FB	Ave	15610 2070493	29689 2718294	305905	621112	1285245	1.00 120	2.00 160	20.0	40.0	80.0
2-Nitropropane	FB	Ave	5621 858667	11198 1130419	120256	237702	545034	1.00 120	2.00 160	20.0	40.0	80.0
n-Butyl acetate	CBNZ d5	Ave	13611 1811809	27953 2343700	267091	560737	1128060	0.500 60.0	1.00 80.0	10.0	20.0	40.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Canton Job No.: 240-165545-1 Analy Batch No.: 517767

SDG No.: _____

Instrument ID: A3UX19 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/10/2022 13:07 Calibration End Date: 02/10/2022 15:21 Calibration ID: 63830

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
1-Chlorohexane	CBNZ d5	Ave	10295	20489	189615	410942	804049	0.500	1.00	10.0	20.0	40.0
			1294785	1711732				60.0	80.0			
Cyclohexanone	CBNZ d5	Ave	++++	7963	75659	174687	394116	++++	10.0	100	200	400
			617928	828261				600	800			
Pentachloroethane	DCBd 4	Ave	8717	13274	131976	322944	549500	1.00	2.00	20.0	40.0	80.0
			++++	++++				++++	++++			
1,2,3-Trimethylbenzene	DCBd 4	Ave	25444	51264	536739	1114366	2234468	0.500	1.00	10.0	20.0	40.0
			3567467	4740099				60.0	80.0			
Benzyl chloride	DCBd 4	Ave	17537	33977	352638	745071	1542814	0.500	1.00	10.0	20.0	40.0
			2441272	3208200				60.0	80.0			
1,3,5-Trichlorobenzene	DCBd 4	Ave	9405	19310	191638	403149	799006	0.500	1.00	10.0	20.0	40.0
			1284193	1722278				60.0	80.0			
2-Methylnaphthalene	DCBd 4	Ave	28836	54188	611853	1332208	2924621	1.00	2.00	20.0	40.0	80.0
			4892246	6666874				120	160			
1-Methylnaphthalene	DCBd 4	Ave	25943	50388	577226	1258460	2782800	1.00	2.00	20.0	40.0	80.0
			4589843	6284477				120	160			

Curve Type Legend

Ave = Average ISTD

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Lab Sample ID: ICV 240-517767/17 Calibration Date: 02/10/2022 15:43
 Instrument ID: A3UX19 Calib Start Date: 02/09/2022 15:45
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 02/09/2022 18:21
 Lab File ID: U1926092.d Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dibromofluoromethane (Surr)	Ave	0.3329	0.3100		0.0186	0.0200	-6.9	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3945	0.3527		0.0179	0.0200	-10.6	30.0
Toluene-d8 (Surr)	Ave	1.275	1.176		0.0184	0.0200	-7.8	30.0
4-Bromofluorobenzene (Surr)	Ave	0.5018	0.4648		0.0185	0.0200	-7.4	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Lab Sample ID: ICV 240-517767/17 Calibration Date: 02/10/2022 15:43
 Instrument ID: A3UX19 Calib Start Date: 02/10/2022 13:07
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 02/10/2022 15:21
 Lab File ID: U1926092.d Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Acetonitrile	Ave	0.0451	0.0389		0.173	0.200	-13.7	30.0
Diisopropyl ether	Ave	0.2514	0.2602		0.0207	0.0200	3.5	30.0
2-Chloro-1,3-butadiene	Ave	0.4867	0.5056		0.0208	0.0200	3.9	30.0
Ethyl tert-Butyl Ether (ETBE)	Ave	0.8667	0.8868		0.0205	0.0200	2.3	30.0
Ethyl acetate	Ave	0.4015	0.4031		0.0402	0.0400	0.4	30.0
Propionitrile	Ave	0.0538	0.0545		0.202	0.200	1.1	30.0
Methacrylonitrile	Ave	0.2303	0.2335		0.203	0.200	1.4	30.0
Tert-amyl-methyl ether (TAME)	Ave	0.9679	0.9731		0.0201	0.0200	0.5	30.0
n-Butanol	Ave	0.0175	0.0192		0.551	0.500	10.2	30.0
Ethyl acrylate	Ave	0.5138	0.5016		0.0195	0.0200	-2.4	30.0
Methyl methacrylate	Ave	0.3319	0.3359		0.0405	0.0400	1.2	30.0
2-Nitropropane	Ave	0.1313	0.1373		0.0419	0.0400	4.6	30.0
n-Butyl acetate	Ave	0.6571	0.6566		0.0200	0.0200	-0.0	30.0
1-Chlorohexane	Ave	0.4778	0.4770		0.0200	0.0200	-0.2	30.0
Cyclohexanone	Ave	0.0211	0.0231		0.219	0.200	9.4	30.0
Pentachloroethane	Ave	0.3217	0.1203		0.0150	0.0400	-62.6*	30.0
1,2,3-Trimethylbenzene	Ave	2.372	2.488		0.0210	0.0200	4.9	30.0
Benzyl chloride	Ave	1.602	1.557		0.0194	0.0200	-2.8	30.0
1,3,5-Trichlorobenzene	Ave	0.8625	0.9194		0.0213	0.0200	6.6	30.0
2-Methylnaphthalene	Ave	1.462	1.707		0.0467	0.0400	16.8	30.0

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Lab File ID: bfb1013.d BFB Injection Date: 03/22/2022
 Instrument ID: A3UX19 BFB Injection Time: 12:15
 Analysis Batch No.: 520496

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	19.3	
75	30.0 - 60.0 % of mass 95	51.4	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.7	
173	Less than 2.0 % of mass 174	0.0	(0.0) 1
174	Greater than 50% of mass 95	89.2	
175	5.0 - 9.0 % of mass 174	7.1	(8.0) 1
176	95.0 - 101.0 % of mass 174	87.2	(97.7) 1
177	5.0 - 9.0 % of mass 176	5.7	(6.5) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD8260 240-520496/9	U1926563.D	03/22/2022	13:22
	STD8260 240-520496/10	U1926564.D	03/22/2022	13:44
	STD8260 240-520496/11	U1926565.D	03/22/2022	14:06
	STD8260 240-520496/12	U1926566.D	03/22/2022	14:29
	ICIS 240-520496/13	U1926567.D	03/22/2022	14:51
	STD8260 240-520496/14	U1926568.D	03/22/2022	15:13
	STD8260 240-520496/15	U1926569.D	03/22/2022	15:36
	STD8260 240-520496/16	U1926570.D	03/22/2022	15:58
	ICV 240-520496/17	U1926571.D	03/22/2022	16:20

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Canton Job No.: 240-165545-1 Analy Batch No.: 520496

SDG No.: _____

Instrument ID: A3UX19 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/22/2022 13:22 Calibration End Date: 03/22/2022 15:58 Calibration ID: 64995

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8260 240-520496/9	U1926563.D
Level 2	STD8260 240-520496/10	U1926564.D
Level 3	STD8260 240-520496/11	U1926565.D
Level 4	STD8260 240-520496/12	U1926566.D
Level 5	ICIS 240-520496/13	U1926567.D
Level 6	STD8260 240-520496/14	U1926568.D
Level 7	STD8260 240-520496/15	U1926569.D
Level 8	STD8260 240-520496/16	U1926570.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
Dichlorodifluoromethane	0.3355 0.3460	0.2800 0.3380	0.2920 0.3494	0.3220	0.3444	Ave		0.325 9		0.1000	8.0		20.0				
Chloromethane	0.3190 0.2757	0.2577 0.2820	0.2489 0.2994	0.2700	0.2596	Ave		0.276 6		0.1000	8.4		20.0				
Vinyl chloride	0.2619 0.2623	0.2206 0.2852	0.2516 0.2864	0.2837	0.2865	Ave		0.267 3		0.1000	8.7		20.0				
Butadiene	0.2276 0.2447	0.2121 0.2672	0.2340 0.2709	0.2520	0.2428	Ave		0.243 9			8.1		20.0				
Bromomethane	0.2511 0.2447	0.2258 0.2514	0.2192 0.2634	0.2352	0.2395	Ave		0.241 3		0.0500	6.0		20.0				
Chloroethane	0.1884 0.2061	0.1704 0.2166	0.1822 0.2219	0.1890	0.2008	Ave		0.196 9		0.0500	8.9		20.0				
Dichlorofluoromethane	0.5330 0.5059	0.4507 0.5056	0.4318 0.5322	0.4807	0.4881	Ave		0.491 0			7.4		20.0				
Trichlorofluoromethane	0.4560 0.4687	0.3538 0.4637	0.3786 0.4866	0.4549	0.4669	Ave		0.441 2		0.1000	10.8		20.0				
Ethyl ether	0.2082 0.1437	0.1985 0.1502	0.1249 0.2061	0.2032	0.2048	Ave		0.180 0			19.0		20.0				
Acrolein	0.0537 0.0458	0.0523 0.0374	0.0537 0.0483	0.0539	0.0545	Ave		0.049 9			11.9		20.0				
1,1-Dichloroethene	0.4034 0.4096	0.3550 0.3177	0.3549 0.4064	0.3909	0.4130	Ave		0.381 4		0.1000	9.1		20.0				
1,1,2-Trichloro-1,2,2-trichfluoroe thane	0.3063 0.3103	0.2793 0.2456	0.2523 0.3037	0.2933	0.3173	Ave		0.288 5		0.0500	9.4		20.0				
Acetone	++++ 0.0939	0.2094 0.1016	0.1568 0.0842	0.1261	0.1160	Qua	0.167 0	0.117 4	-0.000202	0.0100	9.0			0.9920		0.9900	

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Canton Job No.: 240-165545-1 Analy Batch No.: 520496

SDG No.: _____

Instrument ID: A3UX19 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/22/2022 13:22 Calibration End Date: 03/22/2022 15:58 Calibration ID: 64995

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
Iodomethane	0.4737 0.4747	0.4368 0.4684	0.4309 0.4731	0.4545	0.4818	Ave		0.461 7			4.1		20.0				
Carbon disulfide	0.7701 0.8051	0.7179 0.8053	0.6298 0.8210	0.7291	0.7879	Ave		0.758 3		0.1000	8.4		20.0				
Methyl acetate	0.2899 0.2648	0.2597 0.2687	0.2520 0.2724	0.2550	0.2634	Ave		0.265 7		0.1000	4.5		20.0				
3-Chloro-1-propene	0.3771 0.3551	0.3588 0.3557	0.3187 0.3603	0.3421	0.3491	Ave		0.352 1			4.8		20.0				
Methylene Chloride	++++ 0.3342	0.5099 0.3268	0.3984 0.3310	0.3405	0.3430	Ave		0.369 1		0.1000	18.1		20.0				
tert-Butyl alcohol	0.0407 0.0409	0.0426 0.0401	0.0366 0.0389	0.0434	0.0431	Ave		0.040 8			5.7		20.0				
Acrylonitrile	0.1441 0.1224	0.1294 0.1198	0.1343 0.1160	0.1354	0.1352	Ave		0.129 6			7.3		20.0				
Methyl-tert-butyl Ether (MTBE)	0.7580 0.7689	0.7492 0.8108	0.7475 0.8159	0.7665	0.7725	Ave		0.773 6		0.1000	3.4		20.0				
trans-1,2-Dichloroethene	0.3932 0.3674	0.3554 0.3704	0.3363 0.3644	0.3559	0.3680	Ave		0.363 9		0.1000	4.4		20.0				
Hexane	0.3476 0.3736	0.3235 0.3686	0.2932 0.3742	0.3481	0.3689	Ave		0.349 7			8.2		20.0				
Vinyl acetate	0.5175 0.5454	0.4902 0.5266	0.4896 0.5213	0.5358	0.5359	Ave		0.520 3			4.0		20.0				
1,1-Dichloroethane	0.4564 0.4512	0.4331 0.4531	0.4128 0.4559	0.4427	0.4505	Ave		0.444 5		0.2000	3.4		20.0				
2-Butanone	0.0488 0.0542	0.0463 0.0496	0.0460 0.0554	0.0500	0.0506	Ave		0.050 1		0.0100	6.7		20.0				
cis-1,2-Dichloroethene	0.3075 0.2974	0.2992 0.2953	0.2747 0.2996	0.2904	0.2965	Ave		0.295 1		0.1000	3.2		20.0				
2,2-Dichloropropane	0.2631 0.2737	0.2538 0.2730	0.2372 0.2638	0.2782	0.2757	Ave		0.264 8			5.2		20.0				
Bromochloromethane	0.2099 0.2158	0.2123 0.2125	0.2073 0.2144	0.2123	0.2144	Ave		0.212 4			1.3		20.0				
Tetrahydrofuran	0.1155 0.1211	0.1126 0.1230	0.1091 0.1242	0.1182	0.1162	Ave		0.117 5			4.4		20.0				
Chloroform	0.4839 0.4693	0.4634 0.4710	0.4436 0.4689	0.4684	0.4792	Ave		0.468 5		0.2000	2.6		20.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Canton Job No.: 240-165545-1 Analy Batch No.: 520496

SDG No.: _____

Instrument ID: A3UX19 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/22/2022 13:22 Calibration End Date: 03/22/2022 15:58 Calibration ID: 64995

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
1,1,1-Trichloroethane	0.3752 0.4550	0.3931 0.4480	0.3635 0.4585	0.4316	0.4449	Ave		0.421 2		0.1000	9.0		20.0				
Cyclohexane	0.4406 0.4448	0.3894 0.4436	0.3615 0.4397	0.4258	0.5235	Ave		0.433 6		0.1000	10.9		20.0				
1,1-Dichloropropene	0.3580 0.3789	0.3428 0.3775	0.3142 0.3736	0.3658	0.3764	Ave		0.360 9			6.2		20.0				
Isobutyl alcohol	0.0152 0.0167	0.0132 0.0164	0.0133 0.0170	0.0155	0.0175	Ave		0.015 6			10.6		20.0				
Carbon tetrachloride	0.3485 0.3989	0.3136 0.3960	0.3098 0.4007	0.3715	0.3974	Ave		0.367 0		0.1000	10.5		20.0				
Benzene	1.0878 1.0257	0.9652 1.0140	0.9552 1.0124	1.0160	1.0198	Ave		1.012 0		0.5000	4.0		20.0				
1,2-Dichloroethane	0.4057 0.3551	0.3618 0.3499	0.3444 0.3454	0.3567	0.3594	Ave		0.359 8		0.1000	5.4		20.0				
n-Heptane	++++ 0.1817	0.7938 0.1735	0.4537 0.1733	0.2195	0.1959	Lin1	0.609 2	0.164 7			7.1			1.0000		0.9900	
Trichloroethene	0.2854 0.2949	0.2697 0.2974	0.2533 0.2979	0.2874	0.2913	Ave		0.284 7		0.1500	5.5		20.0				
1,2-Dichloropropane	0.2341 0.2451	0.2338 0.2477	0.2226 0.2498	0.2392	0.2356	Ave		0.238 5		0.1000	3.8		20.0				
Methylcyclohexane	0.4425 0.4953	0.4031 0.4826	0.3817 0.4886	0.4530	0.4793	Ave		0.453 3		0.1000	9.3		20.0				
1,4-Dioxane	++++ 0.0044	0.0029 0.0047	0.0032 0.0045	0.0043	0.0044	Ave		0.004 0			16.8		20.0				
Dibromomethane	0.1906 0.1918	0.1840 0.1918	0.1754 0.1938	0.1821	0.1862	Ave		0.187 0			3.3		20.0				
Bromodichloromethane	0.2833 0.3319	0.2740 0.3367	0.2843 0.3415	0.3056	0.3171	Ave		0.309 3		0.1500	8.6		20.0				
2-Chloroethyl vinyl ether	0.1678 0.1858	0.1516 0.1898	0.1523 0.1892	0.1763	0.1768	Ave		0.173 7			8.8		20.0				
cis-1,3-Dichloropropene	0.3089 0.3838	0.2980 0.3930	0.3065 0.3975	0.3488	0.3624	Ave		0.349 9		0.1500	11.7		20.0				
4-Methyl-2-pentanone	0.3234 0.3623	0.3242 0.3652	0.3112 0.3652	0.3450	0.3572	Ave		0.344 2		0.0500	6.3		20.0				
Toluene	1.4066 1.4511	1.4031 1.4485	1.3201 1.4003	1.4063	1.4293	Ave		1.408 2		0.4000	2.9		20.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Canton Job No.: 240-165545-1 Analy Batch No.: 520496

SDG No.: _____

Instrument ID: A3UX19 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/22/2022 13:22 Calibration End Date: 03/22/2022 15:58 Calibration ID: 64995

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
trans-1,3-Dichloropropene	0.3613 0.4690	0.3698 0.4858	0.3690 0.4784	0.4261	0.4462	Ave		0.425 7		0.1000	12.3		20.0				
Ethyl methacrylate	0.3775 0.4832	0.4096 0.5001	0.3850 0.4941	0.4485	0.4639	Ave		0.445 2			11.0		20.0				
1,1,2-Trichloroethane	0.2881 0.3090	0.2849 0.3076	0.2815 0.3022	0.3041	0.2962	Ave		0.296 7		0.1000	3.6		20.0				
Tetrachloroethene	0.3833 0.3925	0.3558 0.3919	0.3438 0.3831	0.3822	0.3918	Ave		0.378 1		0.1500	4.8		20.0				
1,3-Dichloropropane	0.5008 0.5179	0.4878 0.5202	0.4776 0.5123	0.5101	0.5195	Ave		0.505 8			3.1		20.0				
2-Hexanone	0.3206 0.3455	0.3003 0.3525	0.3058 0.3435	0.3299	0.3397	Ave		0.329 7		0.0500	5.8		20.0				
Dibromochloromethane	0.2777 0.3265	0.2567 0.3376	0.2490 0.3350	0.2903	0.3061	Ave		0.297 4			11.6		20.0				
1,2-Dibromoethane	0.2999 0.3383	0.2910 0.3442	0.2936 0.3353	0.3237	0.3266	Ave		0.319 1			6.6		20.0				
Chlorobenzene	1.1705 0.9214	1.0069 0.9278	0.9316 0.9077	0.9267	0.9198	Ave		0.964 1		0.3000	9.2		20.0				
1,1,1,2-Tetrachloroethane	0.2856 0.3607	0.2922 0.3662	0.2997 0.3645	0.3327	0.3517	Ave		0.331 7			10.3		20.0				
Ethylbenzene	0.4938 0.5162	0.4743 0.5168	0.4301 0.5090	0.4869	0.5034	Ave		0.491 3			5.9		20.0				
m-Xylene & p-Xylene	0.5757 0.6335	0.5581 0.6391	0.5202 0.6286	0.6171	0.6235	Ave		0.599 5			7.2		20.0				
o-Xylene	0.5223 0.6251	0.5380 0.6327	0.5357 0.6247	0.5878	0.6088	Ave		0.584 4			7.8		20.0				
Styrene	0.8311 1.0115	0.8091 1.0306	0.8274 1.0080	0.9500	0.9821	Ave		0.931 2		0.3000	10.0		20.0				
Bromoform	0.1716 0.2433	0.1807 0.2548	0.1878 0.2548	0.2125	0.2290	Ave		0.216 8		0.1000	15.5		20.0				
Isopropylbenzene	1.4093 1.6901	1.4033 1.6778	1.3437 1.6391	1.5913	1.6558	Ave		1.551 3		0.1000	9.1		20.0				
1,1,2,2-Tetrachloroethane	0.8856 0.9543	0.8660 0.9617	0.9039 0.9487	0.9188	0.9271	Ave		0.920 8		0.3000	3.7		20.0				
trans-1,4-Dichloro-2-butene	0.2411 0.2962	0.2657 0.2975	0.2391 0.2942	0.2703	0.2766	Ave		0.272 6			8.6		20.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Canton Job No.: 240-165545-1 Analy Batch No.: 520496

SDG No.: _____

Instrument ID: A3UX19 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/22/2022 13:22 Calibration End Date: 03/22/2022 15:58 Calibration ID: 64995

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
Bromobenzene	0.7137 0.7567	0.7390 0.7628	0.7117 0.7525	0.7526	0.7366	Ave		0.740 7			2.6		20.0				
1,2,3-Trichloropropane	0.3440 0.3322	0.3301 0.3346	0.3036 0.3241	0.3301	0.3216	Ave		0.327 5			3.6		20.0				
n-Propylbenzene	0.6936 0.8544	0.6637 0.8547	0.6559 0.8486	0.8192	0.8145	Ave		0.775 6			11.4		20.0				
2-Chlorotoluene	0.6470 0.7387	0.6473 0.7355	0.6300 0.7342	0.7137	0.7094	Ave		0.694 5			6.5		20.0				
1,3,5-Trimethylbenzene	2.0195 2.6102	2.0958 2.5901	2.0733 2.5599	2.4909	2.4716	Ave		2.363 9			10.8		20.0				
4-Chlorotoluene	0.6637 0.7457	0.6637 0.7460	0.6619 0.7324	0.7143	0.7144	Ave		0.705 3			5.2		20.0				
tert-Butylbenzene	1.7832 2.2959	1.8355 2.3015	1.8075 2.2659	2.1221	2.1380	Ave		2.068 7			10.9		20.0				
1,2,4-Trimethylbenzene	2.0457 2.6015	2.0951 2.5785	2.1455 2.5553	2.4838	2.4786	Ave		2.373 0			9.9		20.0				
sec-Butylbenzene	2.6074 3.2442	2.5633 3.1925	2.5797 3.1325	3.0138	3.0683	Ave		2.925 2			10.0		20.0				
1,3-Dichlorobenzene	1.3945 1.4080	1.4444 1.4147	1.3366 1.3860	1.4035	1.3761	Ave		1.395 5		0.6000	2.3		20.0				
p-Isopropyltoluene	2.0845 2.7550	2.0793 2.7329	2.1343 2.6957	2.5344	2.5694	Ave		2.448 2			12.2		20.0				
1,4-Dichlorobenzene	1.5055 1.4146	1.4530 1.4033	1.4058 1.3909	1.4241	1.3800	Ave		1.422 2		0.5000	2.8		20.0				
n-Butylbenzene	1.9173 2.3143	1.8674 2.2989	1.7883 2.2893	2.1446	2.1744	Ave		2.099 3			10.1		20.0				
1,2-Dichlorobenzene	1.2732 1.3403	1.3392 1.3495	1.3067 1.3398	1.3349	1.3038	Ave		1.323 4		0.4000	2.0		20.0				
1,2-Dibromo-3-Chloropropane	0.1897 0.2657	0.1906 0.2877	0.1937 ++++	0.2223	0.2437	Ave		0.227 6		0.0500	17.3		20.0				
1,2,4-Trichlorobenzene	0.7504 0.8219	0.7397 0.8888	0.7522 0.9099	0.7581	0.7751	Ave		0.799 5		0.2000	8.4		20.0				
Hexachlorobutadiene	0.2701 0.3132	0.3087 0.3192	0.2616 0.3261	0.2950	0.2944	Ave		0.298 5			7.7		20.0				
Naphthalene	2.4015 2.9356	2.3496 3.1627	2.2857 3.2086	2.5052	2.7160	Ave		2.695 6			13.7		20.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Canton Job No.: 240-165545-1 Analy Batch No.: 520496

SDG No.: _____

Instrument ID: A3UX19 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/22/2022 13:22 Calibration End Date: 03/22/2022 15:58 Calibration ID: 64995

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
1,2,3-Trichlorobenzene	0.7380 0.7991	0.6995 0.8714	0.7066 0.8926	0.7432	0.7569	Ave		0.775 9			9.3		20.0				
Dibromofluoromethane (Surr)	0.3209 0.2611	0.2555 0.2594	0.2335 0.2598	0.2558	0.2517	Ave		0.262 2			9.6		20.0				
1,2-Dichloroethane-d4 (Surr)	0.4032 0.2888	0.3057 0.2875	0.2766 0.2816	0.2925	0.2900	Ave		0.303 2			13.6		20.0				
Toluene-d8 (Surr)	1.4057 1.1766	1.1235 1.1749	1.0488 1.1570	1.1573	1.1423	Ave		1.173 3			8.7		20.0				
4-Bromofluorobenzene (Surr)	++++ 0.4364	0.4569 0.4390	0.4114 0.4326	0.4216	0.4234	Ave		0.431 6			3.4		20.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Canton Job No.: 240-165545-1 Analy Batch No.: 520496

SDG No.: _____

Instrument ID: A3UX19 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/22/2022 13:22 Calibration End Date: 03/22/2022 15:58 Calibration ID: 64995

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8260 240-520496/9	U1926563.D
Level 2	STD8260 240-520496/10	U1926564.D
Level 3	STD8260 240-520496/11	U1926565.D
Level 4	STD8260 240-520496/12	U1926566.D
Level 5	ICIS 240-520496/13	U1926567.D
Level 6	STD8260 240-520496/14	U1926568.D
Level 7	STD8260 240-520496/15	U1926569.D
Level 8	STD8260 240-520496/16	U1926570.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
			LVL 6	LVL 7	LVL 8			LVL 6	LVL 7	LVL 8		
Dichlorodifluoromethane	FB	Ave	7272 652567	12332 988925	25629 1337961	148791	306046	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Chloromethane	FB	Ave	6915 520049	11351 825308	21845 1146662	124776	230726	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Vinyl chloride	FB	Ave	5677 494609	9716 834431	22082 1097024	131089	254621	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Butadiene	FB	Ave	4934 461400	9342 781852	20540 1037429	116431	215807	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Bromomethane	FB	Ave	5442 461456	9943 735724	19233 1008911	108659	212828	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Chloroethane	FB	Ave	4084 388664	7503 633872	15986 849672	87312	178424	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Dichlorofluoromethane	FB	Ave	11553 954117	19848 1479524	37891 2038220	222107	433834	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Trichlorofluoromethane	FB	Ave	9885 883914	15581 1356764	33226 1863666	210222	414958	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Ethyl ether	FB	Ave	4514 271062	8741 439565	10958 789236	93908	181989	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Acrolein	FB	Ave	5822 431467	11518 546710	23563 924844	124445	241999	2.50 200	5.00 300	10.0 400	50.0	100
1,1-Dichloroethene	FB	Ave	8744 772459	15633 929544	31147 1556603	180605	367068	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
1,1,2-Trichloro-1,2,2-trichloroethane	FB	Ave	6640 585172	12298 718636	22145 1163125	135544	282020	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Acetone	FB	Qua	+++++	18440	27523	116504	206099	+++++	2.00	4.00	20.0	40.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Canton Job No.: 240-165545-1 Analy Batch No.: 520496

SDG No.: _____

Instrument ID: A3UX19 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/22/2022 13:22 Calibration End Date: 03/22/2022 15:58 Calibration ID: 64995

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
			354357	594316	644927			80.0	120	160		
Iodomethane	FB	Ave	10268 895304	19238 1370587	37820 1811832	209994	428153	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Carbon disulfide	FB	Ave	16693 1518441	31614 2356521	55269 3144425	336887	700230	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Methyl acetate	FB	Ave	12567 998914	22872 1572471	44235 2086545	235704	468225	1.00 80.0	2.00 120	4.00 160	20.0	40.0
3-Chloro-1-propene	FB	Ave	8174 669733	15801 1040763	27973 1379991	158064	310214	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Methylene Chloride	FB	Ave	++++ 630233	22457 956161	34962 1267593	157315	304805	++++ 40.0	1.00 60.0	2.00 80.0	10.0	20.0
tert-Butyl alcohol	FB	Ave	8830 770642	18763 1174335	32077 1489067	200412	383106	5.00 400	10.0 600	20.0 800	100	200
Acrylonitrile	FB	Ave	31225 2307917	56997 3506578	117824 4443954	625426	1201818	5.00 400	10.0 600	20.0 800	100	200
Methyl-tert-butyl Ether (MTBE)	FB	Ave	16430 1450033	32994 2372660	65599 3124704	354168	686524	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
trans-1,2-Dichloroethene	FB	Ave	8522 692985	15651 1083767	29511 1395633	164475	327037	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Hexane	FB	Ave	7534 704544	14248 1078619	25729 1433003	160869	327816	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Vinyl acetate	FB	Ave	11218 1028622	21589 1540982	42967 1996372	247572	476272	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
1,1-Dichloroethane	FB	Ave	9893 851009	19072 1325858	36227 1745925	204580	400399	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
2-Butanone	FB	Ave	2114 204455	4076 290465	8073 424552	46227	89905	1.00 80.0	2.00 120	4.00 160	20.0	40.0
cis-1,2-Dichloroethene	FB	Ave	6665 560796	13175 863994	24107 1147587	134186	263522	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
2,2-Dichloropropane	FB	Ave	5703 516178	11177 798763	20817 1010454	128543	245062	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Bromochloromethane	FB	Ave	4549 406932	9351 621803	18192 821277	98116	190560	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Tetrahydrofuran	FB	Ave	5007 456809	9914 719944	19143 951678	109228	206558	1.00 80.0	2.00 120	4.00 160	20.0	40.0
Chloroform	FB	Ave	10490	20409	38933	216444	425870	0.500	1.00	2.00	10.0	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Canton Job No.: 240-165545-1 Analy Batch No.: 520496

SDG No.: _____

Instrument ID: A3UX19 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/22/2022 13:22 Calibration End Date: 03/22/2022 15:58 Calibration ID: 64995

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
			885025	1378169	1795802			40.0	60.0	80.0		
1,1,1-Trichloroethane	FB	Ave	8133 858102	17312 1310859	31899 1755834	199428	395410	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Cyclohexane	FB	Ave	9551 838862	17149 1298175	31725 1683772	196776	465298	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
1,1-Dichloropropene	FB	Ave	7761 714540	15095 1104575	27576 1430790	169042	334490	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Isobutyl alcohol	FB	Ave	8243 789399	14490 1202964	29099 1625803	179476	388437	12.5 1000	25.0 1500	50.0 2000	250	500
Carbon tetrachloride	FB	Ave	7554 752220	13810 1158790	27185 1534701	171668	353156	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Benzene	FB	Ave	23579 1934338	42506 2967199	83833 3877307	469454	906370	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
1,2-Dichloroethane	FB	Ave	8795 669784	15934 1023908	30227 1322945	164811	319370	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
n-Heptane	FB	Lin1	++++ 342711	34960 507566	39813 663609	101446	174112	++++ 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Trichloroethene	FB	Ave	6187 556081	11876 870240	22227 1141065	132809	258914	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
1,2-Dichloropropane	FB	Ave	5074 462201	10297 724893	19532 956670	110539	209366	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Methylcyclohexane	FB	Ave	9591 934041	17753 1412127	33497 1871358	209300	426012	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
1,4-Dioxane	FB	Ave	++++ 164791	2559 272134	5687 342668	39530	77938	++++ 800	20.0 1200	40.0 1600	200	400
Dibromomethane	FB	Ave	4132 361733	8103 561198	15391 742350	84159	165459	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Bromodichloromethane	FB	Ave	6140 625905	12067 985258	24947 1307867	141222	281794	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
2-Chloroethyl vinyl ether	FB	Ave	7274 700729	13352 1110596	26735 1449096	162945	314175	1.00 80.0	2.00 120	4.00 160	20.0	40.0
cis-1,3-Dichloropropene	FB	Ave	6696 723802	13123 1150080	26900 1522203	161167	322045	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
4-Methyl-2-pentanone	FB	Ave	14018 1366646	28559 2137009	54616 2797246	318809	634994	1.00 80.0	2.00 120	4.00 160	20.0	40.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Canton Job No.: 240-165545-1 Analy Batch No.: 520496

SDG No.: _____

Instrument ID: A3UX19 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/22/2022 13:22 Calibration End Date: 03/22/2022 15:58 Calibration ID: 64995

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Toluene	CBNZ d5	Ave	23242	46768	87287	492378	967473	0.500	1.00	2.00	10.0	20.0
			2086189	3203205	4145255			40.0	60.0	80.0		
trans-1,3-Dichloropropene	CBNZ d5	Ave	5970	12327	24399	149177	302017	0.500	1.00	2.00	10.0	20.0
			674251	1074284	1416290			40.0	60.0	80.0		
Ethyl methacrylate	CBNZ d5	Ave	6237	13654	25454	157026	314015	0.500	1.00	2.00	10.0	20.0
			694675	1105836	1462571			40.0	60.0	80.0		
1,1,2-Trichloroethane	CBNZ d5	Ave	4761	9496	18613	106467	200465	0.500	1.00	2.00	10.0	20.0
			444266	680190	894624			40.0	60.0	80.0		
Tetrachloroethene	CBNZ d5	Ave	6333	11859	22732	133827	265215	0.500	1.00	2.00	10.0	20.0
			564318	866581	1134143			40.0	60.0	80.0		
1,3-Dichloropropane	CBNZ d5	Ave	8275	16258	31580	178584	351627	0.500	1.00	2.00	10.0	20.0
			744607	1150461	1516389			40.0	60.0	80.0		
2-Hexanone	CBNZ d5	Ave	10595	20022	40443	231029	459908	1.00	2.00	4.00	20.0	40.0
			993437	1559194	2033769			80.0	120	160		
Dibromochloromethane	CBNZ d5	Ave	4588	8557	16464	101653	207210	0.500	1.00	2.00	10.0	20.0
			469441	746658	991826			40.0	60.0	80.0		
1,2-Dibromoethane	CBNZ d5	Ave	4955	9701	19413	113323	221038	0.500	1.00	2.00	10.0	20.0
			486327	761247	992553			40.0	60.0	80.0		
Chlorobenzene	CBNZ d5	Ave	19341	33562	61597	324441	622630	0.500	1.00	2.00	10.0	20.0
			1324711	2051745	2686902			40.0	60.0	80.0		
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	4719	9740	19813	116474	238072	0.500	1.00	2.00	10.0	20.0
			518621	809758	1079067			40.0	60.0	80.0		
Ethylbenzene	CBNZ d5	Ave	8159	15810	28435	170469	340738	0.500	1.00	2.00	10.0	20.0
			742179	1142793	1506654			40.0	60.0	80.0		

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Canton Job No.: 240-165545-1 Analy Batch No.: 520496

SDG No.: _____

Instrument ID: A3UX19 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/22/2022 13:22 Calibration End Date: 03/22/2022 15:58 Calibration ID: 64995

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
m-Xylene & p-Xylene	CBNZ d5	Ave	9513	18601	34397	216050	422007	0.500	1.00	2.00	10.0	20.0
			910808	1413265	1860884			40.0	60.0	80.0		
o-Xylene	CBNZ d5	Ave	8630	17933	35420	205808	412099	0.500	1.00	2.00	10.0	20.0
			898744	1399067	1849172			40.0	60.0	80.0		
Styrene	CBNZ d5	Ave	13733	26970	54706	332595	664771	0.500	1.00	2.00	10.0	20.0
			1454244	2279017	2983919			40.0	60.0	80.0		
Bromoform	CBNZ d5	Ave	2835	6023	12414	74402	154998	0.500	1.00	2.00	10.0	20.0
			349774	563514	754415			40.0	60.0	80.0		
Isopropylbenzene	CBNZ d5	Ave	23287	46774	88844	557132	1120763	0.500	1.00	2.00	10.0	20.0
			2429917	3710216	4852064			40.0	60.0	80.0		
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	7601	14643	30702	166167	334790	0.500	1.00	2.00	10.0	20.0
			712798	1107100	1451948			40.0	60.0	80.0		
trans-1,4-Dichloro-2-butene	DCBd 4	Ave	2069	4493	8122	48891	99885	0.500	1.00	2.00	10.0	20.0
			221215	342498	450193			40.0	60.0	80.0		
Bromobenzene	DCBd 4	Ave	6125	12495	24175	136117	265976	0.500	1.00	2.00	10.0	20.0
			565186	878086	1151651			40.0	60.0	80.0		
1,2,3-Trichloropropane	DCBd 4	Ave	2952	5581	10311	59708	116115	0.500	1.00	2.00	10.0	20.0
			248148	385113	495996			40.0	60.0	80.0		
n-Propylbenzene	DCBd 4	Ave	5953	11222	22278	148156	294124	0.500	1.00	2.00	10.0	20.0
			638183	983906	1298677			40.0	60.0	80.0		
2-Chlorotoluene	DCBd 4	Ave	5553	10945	21398	129079	256168	0.500	1.00	2.00	10.0	20.0
			551736	846694	1123712			40.0	60.0	80.0		
1,3,5-Trimethylbenzene	DCBd 4	Ave	17332	35436	70421	450509	892529	0.500	1.00	2.00	10.0	20.0
			1949705	2981526	3917716			40.0	60.0	80.0		

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Canton Job No.: 240-165545-1 Analy Batch No.: 520496

SDG No.: _____

Instrument ID: A3UX19 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/22/2022 13:22 Calibration End Date: 03/22/2022 15:58 Calibration ID: 64995

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
4-Chlorotoluene	DCBd 4	Ave	5696	11222	22481	129188	257965	0.500	1.00	2.00	10.0	20.0
			557035	858776	1120960			40.0	60.0	80.0		
tert-Butylbenzene	DCBd 4	Ave	15304	31035	61392	383808	772051	0.500	1.00	2.00	10.0	20.0
			1714945	2649330	3467768			40.0	60.0	80.0		
1,2,4-Trimethylbenzene	DCBd 4	Ave	17557	35425	72874	449213	895038	0.500	1.00	2.00	10.0	20.0
			1943175	2968228	3910675			40.0	60.0	80.0		
sec-Butylbenzene	DCBd 4	Ave	22378	43340	87623	545066	1108005	0.500	1.00	2.00	10.0	20.0
			2423257	3675000	4794012			40.0	60.0	80.0		
1,3-Dichlorobenzene	DCBd 4	Ave	11968	24423	45400	253827	496912	0.500	1.00	2.00	10.0	20.0
			1051671	1628477	2121253			40.0	60.0	80.0		
p-Isopropyltoluene	DCBd 4	Ave	17890	35157	72493	458372	927825	0.500	1.00	2.00	10.0	20.0
			2057837	3145894	4125630			40.0	60.0	80.0		
1,4-Dichlorobenzene	DCBd 4	Ave	12921	24568	47750	257567	498336	0.500	1.00	2.00	10.0	20.0
			1056619	1615347	2128754			40.0	60.0	80.0		
n-Butylbenzene	DCBd 4	Ave	16455	31574	60741	387862	785187	0.500	1.00	2.00	10.0	20.0
			1728677	2646299	3503557			40.0	60.0	80.0		
1,2-Dichlorobenzene	DCBd 4	Ave	10927	22643	44382	241423	470813	0.500	1.00	2.00	10.0	20.0
			1001122	1553473	2050533			40.0	60.0	80.0		
1,2-Dibromo-3-Chloropropane	DCBd 4	Ave	1628	3223	6579	40207	88008	0.500	1.00	2.00	10.0	20.0
			198496	331189	+++++			40.0	60.0	+++++		
1,2,4-Trichlorobenzene	DCBd 4	Ave	6440	12507	25548	137109	279889	0.500	1.00	2.00	10.0	20.0
			613925	1023172	1392532			40.0	60.0	80.0		
Hexachlorobutadiene	DCBd 4	Ave	2318	5220	8885	53354	106310	0.500	1.00	2.00	10.0	20.0
			233945	367406	499011			40.0	60.0	80.0		

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Canton Job No.: 240-165545-1 Analy Batch No.: 520496

SDG No.: _____

Instrument ID: A3UX19 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/22/2022 13:22 Calibration End Date: 03/22/2022 15:58 Calibration ID: 64995

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Naphthalene	DCBd 4	Ave	20611	39727	77635	453081	980762	0.500	1.00	2.00	10.0	20.0
			2192755	3640675	4910542			40.0	60.0	80.0		
1,2,3-Trichlorobenzene	DCBd 4	Ave	6334	11827	23999	134416	273331	0.500	1.00	2.00	10.0	20.0
			596867	1003149	1366013			40.0	60.0	80.0		
Dibromofluoromethane (Surr)	FB	Ave	6955	11254	20495	118222	223734	0.500	1.00	2.00	10.0	20.0
			492441	758962	994972			40.0	60.0	80.0		
1,2-Dichloroethane-d4 (Surr)	FB	Ave	8740	13462	24272	135167	257717	0.500	1.00	2.00	10.0	20.0
			544704	841243	1078382			40.0	60.0	80.0		
Toluene-d8 (Surr)	CBNZ d5	Ave	23228	37449	69348	405198	773202	0.500	1.00	2.00	10.0	20.0
			1691535	2598125	3425118			40.0	60.0	80.0		
4-Bromofluorobenzene (Surr)	CBNZ d5	Ave	+++++	15228	27202	147606	286581	+++++	1.00	2.00	10.0	20.0
			627462	970774	1280585			40.0	60.0	80.0		

Curve Type Legend

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD
Qua = Quadratic ISTD

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Canton Job No.: 240-165545-1 Analy Batch No.: 520496

SDG No.: _____

Instrument ID: A3UX19 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/22/2022 13:22 Calibration End Date: 03/22/2022 15:58 Calibration ID: 64995

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8260 240-520496/9	U1926563.D
Level 2	STD8260 240-520496/10	U1926564.D
Level 3	STD8260 240-520496/11	U1926565.D
Level 4	STD8260 240-520496/12	U1926566.D
Level 5	ICIS 240-520496/13	U1926567.D
Level 6	STD8260 240-520496/14	U1926568.D
Level 7	STD8260 240-520496/15	U1926569.D
Level 8	STD8260 240-520496/16	U1926570.D

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
	LVL 7 #	LVL 8 #					LVL 7	LVL 8				
Acetone	+++++	7.6						50				
n-Heptane	+++++	12.1						50				

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Lab Sample ID: ICV 240-520496/17 Calibration Date: 03/22/2022 16:20
 Instrument ID: A3UX19 Calib Start Date: 03/22/2022 13:22
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 03/22/2022 15:58
 Lab File ID: U1926571.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.3259	0.3362	0.1000	0.0206	0.0200	3.2	30.0
Chloromethane	Ave	0.2766	0.3003	0.1000	0.0217	0.0200	8.6	30.0
Vinyl chloride	Ave	0.2673	0.2754	0.1000	0.0206	0.0200	3.0	30.0
Butadiene	Ave	0.2439	0.2611		0.0214	0.0200	7.0	30.0
Bromomethane	Ave	0.2413	0.2254	0.0500	0.0187	0.0200	-6.6	30.0
Chloroethane	Ave	0.1969	0.1871	0.0500	0.0190	0.0200	-5.0	30.0
Dichlorofluoromethane	Ave	0.4910	0.4624		0.0188	0.0200	-5.8	30.0
Trichlorofluoromethane	Ave	0.4412	0.4455	0.1000	0.0202	0.0200	1.0	30.0
Ethyl ether	Ave	0.1800	0.1485		0.0165	0.0200	-17.5	30.0
Acrolein	Ave	0.0499	0.0275		0.0550	0.100	-45.0*	30.0
1,1-Dichloroethene	Ave	0.3814	0.2967	0.1000	0.0156	0.0200	-22.2	30.0
1,1,2-Trichloro-1,2,2-trichfluoroethane	Ave	0.2885	0.2231	0.0500	0.0155	0.0200	-22.7	30.0
Acetone	Qua		0.0803	0.0100	0.0272	0.0400	-32.0	50.0
Iodomethane	Ave	0.4617	0.3480		0.0151	0.0200	-24.6	30.0
Carbon disulfide	Ave	0.7583	0.5650	0.1000	0.0149	0.0200	-25.5	30.0
Methyl acetate	Ave	0.2657	0.1922	0.1000	0.0289	0.0400	-27.7	50.0
3-Chloro-1-propene	Ave	0.3521	0.2491		0.0141	0.0200	-29.3	30.0
Methylene Chloride	Ave	0.3691	0.2468	0.1000	0.0134	0.0200	-33.1	50.0
tert-Butyl alcohol	Ave	0.0408	0.0319		0.156	0.200	-21.8	30.0
Acrylonitrile	Ave	0.1296	0.1009		0.156	0.200	-22.1	30.0
Methyl-tert-butyl Ether (MTBE)	Ave	0.7736	0.5932	0.1000	0.0153	0.0200	-23.3	30.0
trans-1,2-Dichloroethene	Ave	0.3639	0.2702	0.1000	0.0149	0.0200	-25.7	30.0
Hexane	Ave	0.3497	0.2580		0.0148	0.0200	-26.2	30.0
Vinyl acetate	Ave	0.5203	0.3261		0.0125	0.0200	-37.3*	30.0
1,1-Dichloroethane	Ave	0.4445	0.3303	0.2000	0.0149	0.0200	-25.7	30.0
2-Butanone	Ave	0.0501	0.0518	0.0100	0.0413	0.0400	3.4	50.0
cis-1,2-Dichloroethene	Ave	0.2951	0.3037	0.1000	0.0206	0.0200	2.9	30.0
2,2-Dichloropropane	Ave	0.2648	0.2856		0.0216	0.0200	7.8	30.0
Bromochloromethane	Ave	0.2124	0.2167		0.0204	0.0200	2.1	30.0
Tetrahydrofuran	Ave	0.1175	0.1218		0.0415	0.0400	3.7	30.0
Chloroform	Ave	0.4685	0.4806	0.2000	0.0205	0.0200	2.6	30.0
1,1,1-Trichloroethane	Ave	0.4212	0.4482	0.1000	0.0213	0.0200	6.4	30.0
Cyclohexane	Ave	0.4336	0.4474	0.1000	0.0206	0.0200	3.2	30.0
1,1-Dichloropropene	Ave	0.3609	0.3747		0.0208	0.0200	3.8	30.0
Isobutyl alcohol	Ave	0.0156	0.0159		0.510	0.500	2.0	30.0
Carbon tetrachloride	Ave	0.3670	0.3877	0.1000	0.0211	0.0200	5.6	30.0
Benzene	Ave	1.012	1.044	0.5000	0.0206	0.0200	3.2	30.0
1,2-Dichloroethane	Ave	0.3598	0.3605	0.1000	0.0200	0.0200	0.2	30.0
n-Heptane	Lin1		0.1944		0.0199	0.0200	-0.5	30.0
Trichloroethene	Ave	0.2847	0.2989	0.1500	0.0210	0.0200	5.0	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Lab Sample ID: ICV 240-520496/17 Calibration Date: 03/22/2022 16:20
 Instrument ID: A3UX19 Calib Start Date: 03/22/2022 13:22
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 03/22/2022 15:58
 Lab File ID: U1926571.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dichloropropane	Ave	0.2385	0.2444	0.1000	0.0205	0.0200	2.5	30.0
Methylcyclohexane	Ave	0.4533	0.4818	0.1000	0.0213	0.0200	6.3	30.0
1,4-Dioxane	Ave	0.0040	0.0042		0.420	0.400	4.9	50.0
Dibromomethane	Ave	0.1870	0.1943		0.0208	0.0200	3.9	30.0
Bromodichloromethane	Ave	0.3093	0.3279	0.1500	0.0212	0.0200	6.0	30.0
2-Chloroethyl vinyl ether	Ave	0.1737	0.1799		0.0207	0.0200	3.6	30.0
cis-1,3-Dichloropropene	Ave	0.3499	0.3677	0.1500	0.0210	0.0200	5.1	50.0
4-Methyl-2-pentanone	Ave	0.3442	0.3547	0.0500	0.0412	0.0400	3.0	50.0
Toluene	Ave	1.408	1.436	0.4000	0.0204	0.0200	2.0	30.0
trans-1,3-Dichloropropene	Ave	0.4257	0.4631	0.1000	0.0218	0.0200	8.8	30.0
Ethyl methacrylate	Ave	0.4452	0.4769		0.0214	0.0200	7.1	30.0
1,1,2-Trichloroethane	Ave	0.2967	0.3122	0.1000	0.0210	0.0200	5.2	30.0
Tetrachloroethene	Ave	0.3781	0.3920	0.1500	0.0207	0.0200	3.7	30.0
1,3-Dichloropropane	Ave	0.5058	0.5245		0.0207	0.0200	3.7	30.0
2-Hexanone	Ave	0.3297	0.3521	0.0500	0.0427	0.0400	6.8	50.0
Dibromochloromethane	Ave	0.2974	0.3191		0.0215	0.0200	7.3	30.0
1,2-Dibromoethane	Ave	0.3191	0.3344		0.0210	0.0200	4.8	30.0
Chlorobenzene	Ave	0.9641	0.9271	0.3000	0.0192	0.0200	-3.8	30.0
1,1,1,2-Tetrachloroethane	Ave	0.3317	0.3483		0.0210	0.0200	5.0	30.0
Ethylbenzene	Ave	0.4913	0.5082		0.0207	0.0200	3.4	30.0
m-Xylene & p-Xylene	Ave	0.5995	0.6261		0.0209	0.0200	4.4	30.0
o-Xylene	Ave	0.5844	0.6179		0.0211	0.0200	5.7	30.0
Styrene	Ave	0.9312	0.9856	0.3000	0.0212	0.0200	5.8	30.0
Bromoform	Ave	0.2168	0.2354	0.1000	0.0217	0.0200	8.6	30.0
Isopropylbenzene	Ave	1.551	1.663	0.1000	0.0214	0.0200	7.2	30.0
1,1,2,2-Tetrachloroethane	Ave	0.9208	0.9656	0.3000	0.0210	0.0200	4.9	30.0
trans-1,4-Dichloro-2-butene	Ave	0.2726	0.2990		0.0219	0.0200	9.7	30.0
Bromobenzene	Ave	0.7407	0.7778		0.0210	0.0200	5.0	30.0
1,2,3-Trichloropropane	Ave	0.3275	0.3389		0.0207	0.0200	3.5	30.0
n-Propylbenzene	Ave	0.7756	0.8527		0.0220	0.0200	9.9	30.0
2-Chlorotoluene	Ave	0.6945	0.7440		0.0214	0.0200	7.1	30.0
1,3,5-Trimethylbenzene	Ave	2.364	2.615		0.0221	0.0200	10.6	30.0
4-Chlorotoluene	Ave	0.7053	0.7467		0.0212	0.0200	5.9	30.0
tert-Butylbenzene	Ave	2.069	2.274		0.0220	0.0200	9.9	30.0
1,2,4-Trimethylbenzene	Ave	2.373	2.627		0.0221	0.0200	10.7	30.0
sec-Butylbenzene	Ave	2.925	3.280		0.0224	0.0200	12.1	30.0
1,3-Dichlorobenzene	Ave	1.395	1.429	0.6000	0.0205	0.0200	2.4	30.0
p-Isopropyltoluene	Ave	2.448	2.743		0.0224	0.0200	12.0	30.0
1,4-Dichlorobenzene	Ave	1.422	1.457	0.5000	0.0205	0.0200	2.4	30.0
n-Butylbenzene	Ave	2.099	2.320		0.0221	0.0200	10.5	30.0
1,2-Dichlorobenzene	Ave	1.323	1.367	0.4000	0.0207	0.0200	3.3	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Lab Sample ID: ICV 240-520496/17 Calibration Date: 03/22/2022 16:20
 Instrument ID: A3UX19 Calib Start Date: 03/22/2022 13:22
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 03/22/2022 15:58
 Lab File ID: U1926571.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dibromo-3-Chloropropane	Ave	0.2276	0.2432	0.0500	0.0214	0.0200	6.8	50.0
1,2,4-Trichlorobenzene	Ave	0.7995	0.8582	0.2000	0.0215	0.0200	7.3	50.0
Hexachlorobutadiene	Ave	0.2985	0.3748		0.0251	0.0200	25.5	50.0
Naphthalene	Ave	2.696	2.974		0.0221	0.0200	10.3	50.0
1,2,3-Trichlorobenzene	Ave	0.7759	0.8250		0.0213	0.0200	6.3	30.0
Dibromofluoromethane (Surr)	Ave	0.2622	0.2550		0.0194	0.0200	-2.8	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3032	0.2970		0.0196	0.0200	-2.1	30.0
Toluene-d8 (Surr)	Ave	1.173	1.200		0.0205	0.0200	2.3	30.0
4-Bromofluorobenzene (Surr)	Ave	0.4316	0.4759		0.0221	0.0200	10.3	30.0

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Lab File ID: bfb1035.d BFB Injection Date: 04/27/2022
 Instrument ID: A3UX19 BFB Injection Time: 10:06
 Analysis Batch No.: 524182

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	18.7	
75	30.0 - 60.0 % of mass 95	50.8	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.6	
173	Less than 2.0 % of mass 174	0.0	(0.0) 1
174	Greater than 50% of mass 95	82.8	
175	5.0 - 9.0 % of mass 174	6.3	(7.7) 1
176	95.0 - 101.0 % of mass 174	79.4	(95.8) 1
177	5.0 - 9.0 % of mass 176	5.1	(6.5) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCV 240-524182/3	U1927125.D	04/27/2022	10:32
	CCVIS 240-524182/4	U1927126.D	04/27/2022	10:55
	LCS 240-524182/5	U1927127.D	04/27/2022	11:17
	MB 240-524182/8	U1927130.D	04/27/2022	12:24
TB-042522	240-165545-1	U1927147.D	04/27/2022	18:55
GSP-MW-31-042522	240-165545-4	U1927148.D	04/27/2022	19:18

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Lab Sample ID: CCV 240-524182/3 Calibration Date: 04/27/2022 10:32
 Instrument ID: A3UX19 Calib Start Date: 02/10/2022 13:07
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 02/10/2022 15:21
 Lab File ID: U1927125.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Acetonitrile	Ave	0.0451	0.0439		0.195	0.200	-2.6	20.0
Diisopropyl ether	Ave	0.2514	0.2184		0.0174	0.0200	-13.1	20.0
2-Chloro-1,3-butadiene	Ave	0.4867	0.3599		0.0148	0.0200	-26.1*	20.0
Ethyl tert-Butyl Ether (ETBE)	Ave	0.8667	0.7016		0.0162	0.0200	-19.0	20.0
Ethyl acetate	Ave	0.4015	0.2899		0.0289	0.0400	-27.8*	20.0
Propionitrile	Ave	0.0538	0.0537		0.199	0.200	-0.3	20.0
Methacrylonitrile	Ave	0.2303	0.1784		0.155	0.200	-22.5*	20.0
Tert-amyl-methyl ether (TAME)	Ave	0.9679	0.7487		0.0155	0.0200	-22.6*	20.0
n-Butanol	Ave	0.0175	0.0121		0.345	0.500	-30.9*	20.0
Ethyl acrylate	Ave	0.5138	0.3815		0.0149	0.0200	-25.7*	20.0
Methyl methacrylate	Ave	0.3319	0.2362		0.0285	0.0400	-28.8*	20.0
2-Nitropropane	Ave	0.1313	0.0773		0.0236	0.0400	-41.1*	20.0
n-Butyl acetate	Ave	0.6571	0.5033		0.0153	0.0200	-23.4*	20.0
1-Chlorohexane	Ave	0.4778	0.4522		0.0189	0.0200	-5.4	20.0
Cyclohexanone	Ave	0.0211	0.0154		0.147	0.200	-26.7*	20.0
Pentachloroethane	Ave	0.3217	0.3770		0.0469	0.0400	17.2	20.0
1,2,3-Trimethylbenzene	Ave	2.372	2.383		0.0201	0.0200	0.5	20.0
Benzyl chloride	Ave	1.602	1.324		0.0165	0.0200	-17.4	20.0
1,3,5-Trichlorobenzene	Ave	0.8625	0.7914		0.0184	0.0200	-8.2	20.0
2-Methylnaphthalene	Ave	1.462	1.198		0.0328	0.0400	-18.1	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Lab Sample ID: CCVIS 240-524182/4 Calibration Date: 04/27/2022 10:55
 Instrument ID: A3UX19 Calib Start Date: 03/22/2022 13:22
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 03/22/2022 15:58
 Lab File ID: U1927126.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.3259	0.3163	0.1000	0.0194	0.0200	-2.9	20.0
Chloromethane	Ave	0.2766	0.2925	0.1000	0.0211	0.0200	5.7	20.0
Vinyl chloride	Ave	0.2673	0.3180	0.1000	0.0238	0.0200	19.0	20.0
Butadiene	Ave	0.2439	0.3019		0.0248	0.0200	23.8*	20.0
Bromomethane	Ave	0.2413	0.2830	0.0500	0.0235	0.0200	17.3	20.0
Chloroethane	Ave	0.1969	0.2249	0.0500	0.0228	0.0200	14.2	20.0
Dichlorofluoromethane	Ave	0.4910	0.5674		0.0231	0.0200	15.6	20.0
Trichlorofluoromethane	Ave	0.4412	0.5405	0.1000	0.0245	0.0200	22.5*	20.0
Ethyl ether	Ave	0.1800	0.1995		0.0222	0.0200	10.9	20.0
Acrolein	Ave	0.0499	0.0411		0.0823	0.100	-17.7	20.0
1,1-Dichloroethene	Ave	0.3814	0.3882	0.1000	0.0204	0.0200	1.8	20.0
1,1,2-Trichloro-1,2,2-trichf luoroethane	Ave	0.2885	0.3060	0.0500	0.0212	0.0200	6.0	20.0
Acetone	Qua		0.1135	0.0100	0.0400	0.0400	0.0	50.0
Iodomethane	Ave	0.4617	0.4549		0.0197	0.0200	-1.5	20.0
Carbon disulfide	Ave	0.7583	0.7024	0.1000	0.0185	0.0200	-7.4	20.0
Methyl acetate	Ave	0.2657	0.2388	0.1000	0.0360	0.0400	-10.1	50.0
3-Chloro-1-propene	Ave	0.3521	0.3070		0.0174	0.0200	-12.8	20.0
Methylene Chloride	Ave	0.3691	0.3118	0.1000	0.0169	0.0200	-15.5	50.0
tert-Butyl alcohol	Ave	0.0408	0.0388		0.190	0.200	-4.8	20.0
Acrylonitrile	Ave	0.1296	0.1244		0.192	0.200	-4.0	20.0
Methyl-tert-butyl Ether (MTBE)	Ave	0.7736	0.7645	0.1000	0.0198	0.0200	-1.2	20.0
trans-1,2-Dichloroethene	Ave	0.3639	0.3657	0.1000	0.0201	0.0200	0.5	20.0
Hexane	Ave	0.3497	0.3557		0.0203	0.0200	1.7	20.0
Vinyl acetate	Ave	0.5203	0.4545		0.0175	0.0200	-12.7	20.0
1,1-Dichloroethane	Ave	0.4445	0.4562	0.2000	0.0205	0.0200	2.6	20.0
2-Butanone	Ave	0.0501	0.0508	0.0100	0.0406	0.0400	1.5	50.0
cis-1,2-Dichloroethene	Ave	0.2951	0.3086	0.1000	0.0209	0.0200	4.6	20.0
2,2-Dichloropropane	Ave	0.2648	0.3305		0.0250	0.0200	24.8*	20.0
Bromochloromethane	Ave	0.2124	0.2079		0.0196	0.0200	-2.1	20.0
Tetrahydrofuran	Ave	0.1175	0.1050		0.0357	0.0400	-10.6	20.0
Chloroform	Ave	0.4685	0.4929	0.2000	0.0210	0.0200	5.2	20.0
1,1,1-Trichloroethane	Ave	0.4212	0.4606	0.1000	0.0219	0.0200	9.3	20.0
Cyclohexane	Ave	0.4336	0.4438	0.1000	0.0205	0.0200	2.4	20.0
1,1-Dichloropropene	Ave	0.3609	0.3858		0.0214	0.0200	6.9	20.0
Isobutyl alcohol	Ave	0.0156	0.0134		0.429	0.500	-14.2	20.0
Carbon tetrachloride	Ave	0.3670	0.3953	0.1000	0.0215	0.0200	7.7	20.0
Benzene	Ave	1.012	1.044	0.5000	0.0206	0.0200	3.2	20.0
1,2-Dichloroethane	Ave	0.3598	0.3651	0.1000	0.0203	0.0200	1.5	20.0
n-Heptane	Lin1		0.1941		0.0199	0.0200	-0.7	20.0
Trichloroethene	Ave	0.2847	0.3040	0.1500	0.0214	0.0200	6.8	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Lab Sample ID: CCVIS 240-524182/4 Calibration Date: 04/27/2022 10:55
 Instrument ID: A3UX19 Calib Start Date: 03/22/2022 13:22
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 03/22/2022 15:58
 Lab File ID: U1927126.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dichloropropane	Ave	0.2385	0.2376	0.1000	0.0199	0.0200	-0.4	20.0
Methylcyclohexane	Ave	0.4533	0.4738	0.1000	0.0209	0.0200	4.5	20.0
1,4-Dioxane	Ave	0.0040	0.0045		0.444	0.400	11.1	50.0
Dibromomethane	Ave	0.1870	0.1987		0.0213	0.0200	6.3	20.0
Bromodichloromethane	Ave	0.3093	0.3258	0.1500	0.0211	0.0200	5.3	20.0
2-Chloroethyl vinyl ether	Ave	0.1737	0.1773		0.0408	0.0400	2.1	20.0
cis-1,3-Dichloropropene	Ave	0.3499	0.3613	0.1500	0.0207	0.0200	3.3	50.0
4-Methyl-2-pentanone	Ave	0.3442	0.3258	0.0500	0.0379	0.0400	-5.3	50.0
Toluene	Ave	1.408	1.424	0.4000	0.0202	0.0200	1.2	20.0
trans-1,3-Dichloropropene	Ave	0.4257	0.4190	0.1000	0.0197	0.0200	-1.6	20.0
Ethyl methacrylate	Ave	0.4452	0.4316		0.0194	0.0200	-3.1	20.0
1,1,2-Trichloroethane	Ave	0.2967	0.2967	0.1000	0.0200	0.0200	0.0	20.0
Tetrachloroethene	Ave	0.3781	0.3813	0.1500	0.0202	0.0200	0.8	20.0
1,3-Dichloropropane	Ave	0.5058	0.5003		0.0198	0.0200	-1.1	20.0
2-Hexanone	Ave	0.3297	0.3009	0.0500	0.0365	0.0400	-8.7	50.0
Dibromochloromethane	Ave	0.2974	0.3014		0.0203	0.0200	1.4	20.0
1,2-Dibromoethane	Ave	0.3191	0.3266		0.0205	0.0200	2.4	20.0
Chlorobenzene	Ave	0.9641	0.8929	0.3000	0.0185	0.0200	-7.4	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3317	0.3303		0.0199	0.0200	-0.4	20.0
Ethylbenzene	Ave	0.4913	0.4897		0.0199	0.0200	-0.3	20.0
m-Xylene & p-Xylene	Ave	0.5995	0.6060		0.0202	0.0200	1.1	20.0
o-Xylene	Ave	0.5844	0.5849		0.0200	0.0200	0.0	20.0
Styrene	Ave	0.9312	0.9545	0.3000	0.0205	0.0200	2.5	20.0
Bromoform	Ave	0.2168	0.2101	0.1000	0.0194	0.0200	-3.1	20.0
Isopropylbenzene	Ave	1.551	1.585	0.1000	0.0204	0.0200	2.2	20.0
1,1,2,2-Tetrachloroethane	Ave	0.9208	0.8977	0.3000	0.0195	0.0200	-2.5	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2726	0.2453		0.0180	0.0200	-10.0	20.0
Bromobenzene	Ave	0.7407	0.7390		0.0200	0.0200	-0.2	20.0
1,2,3-Trichloropropane	Ave	0.3275	0.3172		0.0194	0.0200	-3.2	20.0
n-Propylbenzene	Ave	0.7756	0.8208		0.0212	0.0200	5.8	20.0
2-Chlorotoluene	Ave	0.6945	0.7035		0.0203	0.0200	1.3	20.0
1,3,5-Trimethylbenzene	Ave	2.364	2.409		0.0204	0.0200	1.9	20.0
4-Chlorotoluene	Ave	0.7053	0.7244		0.0205	0.0200	2.7	20.0
tert-Butylbenzene	Ave	2.069	2.073		0.0200	0.0200	0.2	20.0
1,2,4-Trimethylbenzene	Ave	2.373	2.387		0.0201	0.0200	0.6	20.0
sec-Butylbenzene	Ave	2.925	3.010		0.0206	0.0200	2.9	20.0
1,3-Dichlorobenzene	Ave	1.395	1.370	0.6000	0.0196	0.0200	-1.8	20.0
p-Isopropyltoluene	Ave	2.448	2.489		0.0203	0.0200	1.7	20.0
1,4-Dichlorobenzene	Ave	1.422	1.362	0.5000	0.0192	0.0200	-4.2	20.0
n-Butylbenzene	Ave	2.099	2.061		0.0196	0.0200	-1.8	20.0
1,2-Dichlorobenzene	Ave	1.323	1.262	0.4000	0.0191	0.0200	-4.7	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Lab Sample ID: CCVIS 240-524182/4 Calibration Date: 04/27/2022 10:55
 Instrument ID: A3UX19 Calib Start Date: 03/22/2022 13:22
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 03/22/2022 15:58
 Lab File ID: U1927126.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dibromo-3-Chloropropane	Ave	0.2276	0.2125	0.0500	0.0187	0.0200	-6.7	50.0
1,2,4-Trichlorobenzene	Ave	0.7995	0.6731	0.2000	0.0168	0.0200	-15.8	50.0
Hexachlorobutadiene	Ave	0.2985	0.2440		0.0163	0.0200	-18.3	50.0
Naphthalene	Ave	2.696	2.298		0.0171	0.0200	-14.7	50.0
1,2,3-Trichlorobenzene	Ave	0.7759	0.6332		0.0163	0.0200	-18.4	20.0
Dibromofluoromethane (Surr)	Ave	0.2622	0.2925		0.0223	0.0200	11.5	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3032	0.3272		0.0216	0.0200	7.9	20.0
Toluene-d8 (Surr)	Ave	1.173	1.239		0.0211	0.0200	5.6	20.0
4-Bromofluorobenzene (Surr)	Ave	0.4316	0.4566		0.0212	0.0200	5.8	20.0

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Lab File ID: BFB1493.D BFB Injection Date: 03/21/2022
 Instrument ID: A3UX9 BFB Injection Time: 15:34
 Analysis Batch No.: 520426

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	20.0
75	30.0 - 60.0 % of mass 95	49.7
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	6.4
173	Less than 2.0 % of mass 174	0.0 (0.0) 1
174	Greater than 50% of mass 95	73.4
175	5.0 - 9.0 % of mass 174	5.7 (7.8) 1
176	95.0 - 101.0 % of mass 174	71.9 (98.0) 1
177	5.0 - 9.0 % of mass 176	4.2 (5.9) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD8260 240-520426/8	UX000684.D	03/21/2022	16:23
	STD8260 240-520426/9	UX000685.D	03/21/2022	16:48
	STD8260 240-520426/10	UX000686.D	03/21/2022	17:12
	ICIS 240-520426/11	UX000687.D	03/21/2022	17:37
	STD8260 240-520426/12	UX000688.D	03/21/2022	18:01
	STD8260 240-520426/13	UX000689.D	03/21/2022	18:25
	STD8260 240-520426/14	UX000690.D	03/21/2022	18:50
	ICV 240-520426/15	UX000691.D	03/21/2022	19:14
	STDA9 240-520426/18	UX000694.D	03/21/2022	20:28
	STDA9 240-520426/19	UX000695.D	03/21/2022	20:52
	STDA9 240-520426/20	UX000696.D	03/21/2022	21:17
	STDA9 240-520426/21	UX000697.D	03/21/2022	21:41
	STDA9 240-520426/22	UX000698.D	03/21/2022	22:06
	STDA9 240-520426/23	UX000699.D	03/21/2022	22:30
	ICV 240-520426/24	UX000700.D	03/21/2022	22:54

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Canton Job No.: 240-165545-1 Analy Batch No.: 520426

SDG No.: _____

Instrument ID: A3UX9 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/21/2022 16:23 Calibration End Date: 03/21/2022 18:50 Calibration ID: 64948

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8260 240-520426/8	UX000684.D
Level 2	STD8260 240-520426/9	UX000685.D
Level 3	STD8260 240-520426/10	UX000686.D
Level 4	ICIS 240-520426/11	UX000687.D
Level 5	STD8260 240-520426/12	UX000688.D
Level 6	STD8260 240-520426/13	UX000689.D
Level 7	STD8260 240-520426/14	UX000690.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7															
Dichlorodifluoromethane	0.2940 0.3023	0.2828 0.2999	0.3055	0.3017	0.2981	Ave	0.297 8			0.1000	2.5		20.0				
Chloromethane	0.3229 0.3265	0.3099 0.3167	0.3210	0.3216	0.3088	Ave	0.318 2			0.1000	2.1		20.0				
Vinyl chloride	0.3273 0.3350	0.2991 0.3271	0.3309	0.3343	0.3223	Ave	0.325 1			0.1000	3.8		20.0				
Butadiene	0.2915 0.3105	0.2844 0.2939	0.3009	0.2978	0.3008	Ave	0.297 1				2.8		20.0				
Bromomethane	0.2750 0.2397	0.2201 0.2344	0.2093	0.2095	0.2146	Ave	0.229 0			0.0500	10.3		20.0				
Chloroethane	0.1897 0.2342	0.1985 0.2351	0.2183	0.2206	0.2165	Ave	0.216 1			0.0500	7.8		20.0				
Trichlorofluoromethane	0.3563 0.4340	0.3903 0.4318	0.4262	0.4263	0.4255	Ave	0.412 9			0.1000	7.0		20.0				
Dichlorofluoromethane	0.5862 0.5145	0.5295 0.5065	0.5056	0.5053	0.4916	Ave	0.519 9				6.0		20.0				
Ethyl ether	0.1948 0.2087	0.1903 0.2085	0.2086	0.2067	0.1970	Ave	0.202 1				3.9		20.0				
1,1,2-Trichloro-1,2,2-trichfluoroe thane	0.2023 0.2379	0.2193 0.2310	0.2346	0.2310	0.2286	Ave	0.226 4			0.0500	5.4		20.0				
Acrolein	0.0694 0.0700	0.0709 0.0676	0.0684	0.0664	0.0649	Ave	0.068 2				3.1		20.0				
1,1-Dichloroethene	0.3574 0.3739	0.3437 0.3615	0.3697	0.3674	0.3590	Ave	0.361 8			0.1000	2.8		20.0				
Acetone	0.1262 0.0442	0.0827 0.0428	0.0440	0.0424	0.0413	Lin1	0.082 1	0.041 6		0.0100	4.4			0.9990		0.9900	

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Canton Job No.: 240-165545-1 Analy Batch No.: 520426

SDG No.: _____

Instrument ID: A3UX9 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/21/2022 16:23 Calibration End Date: 03/21/2022 18:50 Calibration ID: 64948

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7															
Iodomethane	0.2446 0.3189	0.2510 0.3114	0.2895	0.3070	0.2985	Ave		0.288 7			10.2		20.0				
Carbon disulfide	0.6974 0.7141	0.6391 0.6891	0.6915	0.7035	0.6838	Ave		0.688 4		0.1000	3.5		20.0				
3-Chloro-1-propene	0.4547 0.4002	0.3803 0.3801	0.4058	0.3970	0.3815	Ave		0.399 9			6.6		20.0				
Methyl acetate	0.3562 0.3192	0.3419 0.3097	0.3024	0.3022	0.2961	Ave		0.318 2		0.1000	7.1		20.0				
Methylene Chloride	++++ 0.3209	0.4094 0.3093	0.3178	0.3116	0.3050	Ave		0.329 0		0.1000	12.1		20.0				
tert-Butyl alcohol	0.0661 0.0702	0.0614 0.0662	0.0628	0.0618	0.0610	Ave		0.064 2			5.3		20.0				
Methyl-tert-butyl Ether (MTBE)	0.7619 0.8294	0.7915 0.8089	0.8107	0.7987	0.7828	Ave		0.797 7		0.1000	2.7		20.0				
trans-1,2-Dichloroethene	0.3559 0.3678	0.3362 0.3516	0.3681	0.3570	0.3480	Ave		0.355 0		0.1000	3.2		20.0				
Acrylonitrile	0.1539 0.1609	0.1516 0.1556	0.1550	0.1539	0.1498	Ave		0.154 4			2.3		20.0				
Hexane	0.3157 0.3514	0.2974 0.3437	0.3394	0.3389	0.3378	Ave		0.332 0			5.7		20.0				
1,1-Dichloroethane	0.4538 0.4794	0.4324 0.4618	0.4768	0.4615	0.4571	Ave		0.460 4		0.2000	3.4		20.0				
Vinyl acetate	0.5261 0.5047	0.5638 0.4903	0.5422	0.5346	0.5067	Ave		0.524 0			4.8		20.0				
2,2-Dichloropropane	0.4060 0.4282	0.4095 0.4097	0.4289	0.4249	0.4119	Ave		0.417 0			2.4		20.0				
cis-1,2-Dichloroethene	0.2884 0.2909	0.2683 0.2806	0.2853	0.2818	0.2776	Ave		0.281 8		0.1000	2.7		20.0				
2-Butanone	0.0610 0.0648	0.0647 0.0626	0.0593	0.0601	0.0595	Ave		0.061 7		0.0100	3.8		20.0				
Bromochloromethane	0.1995 0.2158	0.2077 0.2130	0.2165	0.2120	0.2071	Ave		0.210 2			2.8		20.0				
Tetrahydrofuran	0.1726 0.1490	0.1504 0.1437	0.1442	0.1407	0.1385	Ave		0.148 5			7.7		20.0				
Chloroform	0.4507 0.4622	0.4464 0.4430	0.4665	0.4528	0.4374	Ave		0.451 3		0.2000	2.3		20.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Canton Job No.: 240-165545-1 Analy Batch No.: 520426

SDG No.: _____

Instrument ID: A3UX9 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/21/2022 16:23 Calibration End Date: 03/21/2022 18:50 Calibration ID: 64948

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7															
Cyclohexane	0.3752 0.4193	0.3732 0.4038	0.4053	0.4047	0.3965	Ave		0.396 9		0.1000	4.3		20.0				
1,1,1-Trichloroethane	0.3841 0.4233	0.3856 0.4091	0.4237	0.4117	0.4053	Ave		0.406 1		0.1000	4.0		20.0				
Carbon tetrachloride	0.3111 0.3525	0.3196 0.3415	0.3507	0.3438	0.3372	Ave		0.336 6		0.1000	4.7		20.0				
1,1-Dichloropropene	0.3573 0.3854	0.3338 0.3729	0.3797	0.3792	0.3705	Ave		0.368 4			4.8		20.0				
Isobutyl alcohol	0.0190 0.0198	0.0161 0.0185	0.0175	0.0176	0.0176	Ave		0.018 0			6.6		20.0				
Benzene	1.0672 1.1139	1.0387 1.0681	1.0839	1.0821	1.0651	Ave		1.074 1		0.5000	2.1		20.0				
1,2-Dichloroethane	0.3568 0.3671	0.3641 0.3562	0.3653	0.3580	0.3502	Ave		0.359 7		0.1000	1.7		20.0				
n-Heptane	0.2060 0.2062	0.1761 0.1998	0.1951	0.1905	0.1931	Ave		0.195 3			5.3		20.0				
Trichloroethene	0.2652 0.2934	0.2610 0.2837	0.2891	0.2834	0.2800	Ave		0.279 4		0.1500	4.3		20.0				
Methylcyclohexane	0.3732 0.4327	0.3678 0.4202	0.4124	0.4152	0.4170	Ave		0.405 5		0.1000	6.1		20.0				
1,2-Dichloropropane	0.2514 0.2696	0.2503 0.2601	0.2649	0.2602	0.2546	Ave		0.258 7		0.1000	2.7		20.0				
1,4-Dioxane	0.0046 0.0058	0.0046 0.0052	0.0050	0.0051	0.0051	Ave		0.005 1			8.1		20.0				
Dibromomethane	0.1616 0.1781	0.1691 0.1748	0.1699	0.1704	0.1669	Ave		0.170 1			3.1		20.0				
Bromodichloromethane	0.3003 0.3534	0.3351 0.3455	0.3398	0.3407	0.3362	Ave		0.335 9		0.1500	5.0		20.0				
2-Chloroethyl vinyl ether	0.1835 0.2227	0.1891 0.2196	0.2105	0.2156	0.2096	Ave		0.207 2			7.3		20.0				
cis-1,3-Dichloropropene	0.4249 0.4590	0.4095 0.4438	0.4437	0.4425	0.4356	Ave		0.437 0		0.1500	3.6		20.0				
4-Methyl-2-pentanone	0.3850 0.4221	0.3734 0.4121	0.4004	0.3997	0.3948	Ave		0.398 2		0.0500	4.1		20.0				
Toluene	1.6201 1.6070	1.5324 1.5320	1.6012	1.5796	1.5635	Ave		1.576 5		0.4000	2.2		20.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Canton Job No.: 240-165545-1 Analy Batch No.: 520426

SDG No.: _____

Instrument ID: A3UX9 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/21/2022 16:23 Calibration End Date: 03/21/2022 18:50 Calibration ID: 64948

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7															
trans-1,3-Dichloropropene	0.5286 0.5793	0.5088 0.5626	0.5545	0.5590	0.5592	Ave		0.550 3		0.1000	4.3		20.0				
Ethyl methacrylate	0.5324 0.5831	0.4955 0.5640	0.5580	0.5556	0.5521	Ave		0.548 7			5.1		20.0				
1,1,2-Trichloroethane	0.3118 0.3322	0.3075 0.3210	0.3171	0.3221	0.3164	Ave		0.318 3		0.1000	2.5		20.0				
Tetrachloroethene	0.3214 0.3846	0.3401 0.3690	0.3734	0.3714	0.3702	Ave		0.361 4		0.1500	6.2		20.0				
1,3-Dichloropropane	0.5588 0.6015	0.5509 0.5775	0.5852	0.5788	0.5681	Ave		0.574 4			2.9		20.0				
2-Hexanone	0.4170 0.4421	0.3974 0.4256	0.4210	0.4211	0.4185	Ave		0.420 4		0.0500	3.1		20.0				
Dibromochloromethane	0.3218 0.3495	0.3218 0.3396	0.3293	0.3319	0.3330	Ave		0.332 4			3.0		20.0				
1,2-Dibromoethane	0.3482 0.3614	0.3110 0.3492	0.3479	0.3496	0.3398	Ave		0.343 9			4.6		20.0				
Chlorobenzene	0.9658 1.0081	0.9513 0.9642	0.9864	0.9885	0.9758	Ave		0.977 2		0.3000	1.9		20.0				
Ethylbenzene	0.5074 0.5619	0.4987 0.5379	0.5511	0.5581	0.5504	Ave		0.537 9			4.7		20.0				
1,1,1,2-Tetrachloroethane	0.2992 0.3609	0.3036 0.3446	0.3440	0.3458	0.3413	Ave		0.334 2			7.0		20.0				
m-Xylene & p-Xylene	0.6852 0.6954	0.6682 0.6609	0.6896	0.6879	0.6764	Ave		0.680 5			1.8		20.0				
o-Xylene	0.6576 0.6659	0.6070 0.6435	0.6574	0.6578	0.6482	Ave		0.648 2			3.0		20.0				
Styrene	1.0329 1.1744	1.0518 1.1208	1.1163	1.1432	1.1303	Ave		1.110 0		0.3000	4.5		20.0				
Bromoform	0.2336 0.2743	0.2255 0.2660	0.2537	0.2577	0.2591	Ave		0.252 9		0.1000	6.9		20.0				
Isopropylbenzene	1.6131 1.7301	1.5544 1.6466	1.7177	1.7253	1.7020	Ave		1.669 9		0.1000	4.0		20.0				
Bromobenzene	0.7730 0.8157	0.7189 0.7904	0.8184	0.7974	0.7860	Ave		0.785 7			4.3		20.0				
1,1,2,2-Tetrachloroethane	0.9415 1.0084	0.9573 0.9978	0.9961	0.9843	0.9719	Ave		0.979 6		0.3000	2.5		20.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Canton Job No.: 240-165545-1 Analy Batch No.: 520426

SDG No.: _____

Instrument ID: A3UX9 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/21/2022 16:23 Calibration End Date: 03/21/2022 18:50 Calibration ID: 64948

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7															
n-Propylbenzene	0.8235 0.9157	0.8032 0.8898	0.9118	0.8968	0.8979	Ave		0.876 9			5.1		20.0				
1,2,3-Trichloropropane	0.3141 0.3681	0.3748 0.3556	0.3545	0.3507	0.3433	Ave		0.351 6			5.6		20.0				
trans-1,4-Dichloro-2-butene	0.3892 0.4165	0.3586 0.4081	0.4050	0.3974	0.3975	Ave		0.396 0			4.7		20.0				
2-Chlorotoluene	0.6521 0.7799	0.6992 0.7584	0.7720	0.7665	0.7581	Ave		0.740 9			6.4		20.0				
1,3,5-Trimethylbenzene	2.4870 2.7112	2.3664 2.6403	2.6872	2.6892	2.6509	Ave		2.604 6			4.9		20.0				
4-Chlorotoluene	0.7601 0.8145	0.7581 0.7936	0.8168	0.8087	0.7989	Ave		0.792 9			3.1		20.0				
tert-Butylbenzene	2.1072 2.2687	2.0343 2.2128	2.2661	2.2482	2.2394	Ave		2.196 7			4.1		20.0				
1,2,4-Trimethylbenzene	2.5728 2.7378	2.4910 2.6540	2.7432	2.7210	2.6908	Ave		2.658 7			3.6		20.0				
sec-Butylbenzene	0.5414 0.6863	0.5910 0.6635	0.6739	0.6780	0.6737	Ave		0.644 0			8.6		20.0				
p-Isopropyltoluene	2.4932 2.8135	2.4813 2.7322	2.8058	2.7576	2.7571	Ave		2.691 5			5.3		20.0				
1,3-Dichlorobenzene	1.3736 1.5146	1.3931 1.4694	1.5252	1.4913	1.4795	Ave		1.463 8		0.6000	4.0		20.0				
1,4-Dichlorobenzene	1.4637 1.5359	1.4509 1.4855	1.5244	1.5233	1.5072	Ave		1.498 7		0.5000	2.2		20.0				
n-Butylbenzene	2.1035 2.3818	2.0965 2.3204	2.3361	2.3506	2.3426	Ave		2.275 9			5.3		20.0				
1,2-Dichlorobenzene	1.3407 1.4281	1.3204 1.3816	1.4294	1.4007	1.3796	Ave		1.382 9		0.4000	3.0		20.0				
1,2-Dibromo-3-Chloropropane	0.2816 0.3352	0.2871 0.3253	0.3105	0.3118	0.3119	Ave		0.309 0		0.0500	6.2		20.0				
1,2,4-Trichlorobenzene	0.8102 0.8507	0.7543 0.8257	0.8238	0.8147	0.8313	Ave		0.815 8		0.2000	3.7		20.0				
Hexachlorobutadiene	0.3350 0.3573	0.3248 0.3456	0.3517	0.3576	0.3546	Ave		0.346 7			3.6		20.0				
Naphthalene	2.5162 2.8313	2.4456 2.7546	2.6436	2.6841	2.6653	Ave		2.648 7			5.0		20.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Canton Job No.: 240-165545-1 Analy Batch No.: 520426

SDG No.: _____

Instrument ID: A3UX9 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/21/2022 16:23 Calibration End Date: 03/21/2022 18:50 Calibration ID: 64948

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7															
1,2,3-Trichlorobenzene	0.7666 0.8070	0.7148 0.7831	0.7842	0.7744	0.7797	Ave		0.772 8			3.7		20.0				
Dibromofluoromethane (Surr)	0.2404 0.2404	0.2174 0.2395	0.2293	0.2345	0.2312	Ave		0.233 3			3.6		20.0				
1,2-Dichloroethane-d4 (Surr)	0.2945 0.3058	0.2955 0.3005	0.2968	0.2968	0.2935	Ave		0.297 6			1.4		20.0				
Toluene-d8 (Surr)	1.3716 1.3236	1.2061 1.2841	1.2878	1.3241	1.2895	Ave		1.298 1			3.9		20.0				
4-Bromofluorobenzene (Surr)	0.5497 0.5049	0.4759 0.4915	0.4887	0.5063	0.4922	Ave		0.501 3			4.7		20.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Canton Job No.: 240-165545-1 Analy Batch No.: 520426

SDG No.: _____

Instrument ID: A3UX9 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/21/2022 16:23 Calibration End Date: 03/21/2022 18:50 Calibration ID: 64948

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8260 240-520426/8	UX000684.D
Level 2	STD8260 240-520426/9	UX000685.D
Level 3	STD8260 240-520426/10	UX000686.D
Level 4	ICIS 240-520426/11	UX000687.D
Level 5	STD8260 240-520426/12	UX000688.D
Level 6	STD8260 240-520426/13	UX000689.D
Level 7	STD8260 240-520426/14	UX000690.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
			LVL 6	LVL 7				LVL 6	LVL 7			
Dichlorodifluoromethane	FB	Ave	8531 743957	16389 1111613	183102	365923	551989	0.500 40.0	1.00 60.0	10.0	20.0	30.0
Chloromethane	FB	Ave	9371 803521	17960 1173561	192378	390053	571724	0.500 40.0	1.00 60.0	10.0	20.0	30.0
Vinyl chloride	FB	Ave	9499 824543	17336 1212108	198323	405543	596667	0.500 40.0	1.00 60.0	10.0	20.0	30.0
Butadiene	FB	Ave	8460 764309	16482 1089181	180341	361179	556904	0.500 40.0	1.00 60.0	10.0	20.0	30.0
Bromomethane	FB	Ave	7982 590008	12756 868663	125419	254164	397331	0.500 40.0	1.00 60.0	10.0	20.0	30.0
Chloroethane	FB	Ave	5506 576575	11503 871149	130836	267523	400831	0.500 40.0	1.00 60.0	10.0	20.0	30.0
Trichlorofluoromethane	FB	Ave	10341 1068131	22621 1600138	255449	517023	787889	0.500 40.0	1.00 60.0	10.0	20.0	30.0
Dichlorofluoromethane	FB	Ave	17012 1266460	30688 1877045	303020	612918	910193	0.500 40.0	1.00 60.0	10.0	20.0	30.0
Ethyl ether	FB	Ave	5654 513625	11028 772694	124996	250763	364729	0.500 40.0	1.00 60.0	10.0	20.0	30.0
1,1,2-Trichloro-1,2,2-trichfluoroethane	FB	Ave	5870 585614	12712 856179	140625	280222	423217	0.500 40.0	1.00 60.0	10.0	20.0	30.0
Acrolein	FB	Ave	10069 861744	20539 1252245	204960	402924	600550	2.50 200	5.00 300	50.0	100	150
1,1-Dichloroethene	FB	Ave	10372 920276	19920 1339897	221553	445659	664663	0.500 40.0	1.00 60.0	10.0	20.0	30.0
Acetone	FB	Lin1	7326 217524	9585 316938	52705	102740	153021	1.00 80.0	2.00 120	20.0	40.0	60.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Canton Job No.: 240-165545-1 Analy Batch No.: 520426

SDG No.: _____

Instrument ID: A3UX9 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/21/2022 16:23 Calibration End Date: 03/21/2022 18:50 Calibration ID: 64948

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Iodomethane	FB	Ave	7097 784879	14545 1154028	173467	372408	552753	0.500 40.0	1.00 60.0	10.0	20.0	30.0
Carbon disulfide	FB	Ave	20239 1757650	37041 2554022	414385	853359	1266006	0.500 40.0	1.00 60.0	10.0	20.0	30.0
3-Chloro-1-propene	FB	Ave	13195 985039	22042 1408716	243190	481520	706386	0.500 40.0	1.00 60.0	10.0	20.0	30.0
Methyl acetate	FB	Ave	20672 1571195	39627 2295445	362485	733138	1096563	1.00 80.0	2.00 120	20.0	40.0	60.0
Methylene Chloride	FB	Ave	++++ 789732	23729 1146419	190457	377945	564685	++++ 40.0	1.00 60.0	10.0	20.0	30.0
tert-Butyl alcohol	FB	Ave	19178 1728365	35596 2452702	376297	749551	1129727	5.00 400	10.0 600	100	200	300
Methyl-tert-butyl Ether (MTBE)	FB	Ave	22111 2041386	45871 2997764	485826	968732	1449439	0.500 40.0	1.00 60.0	10.0	20.0	30.0
trans-1,2-Dichloroethene	FB	Ave	10329 905412	19486 1303241	220626	433038	644287	0.500 40.0	1.00 60.0	10.0	20.0	30.0
Acrylonitrile	FB	Ave	44666 3960133	87868 5767799	928631	1866716	2774281	5.00 400	10.0 600	100	200	300
Hexane	FB	Ave	9162 864867	17234 1273734	203429	411050	625402	0.500 40.0	1.00 60.0	10.0	20.0	30.0
1,1-Dichloroethane	FB	Ave	13169 1179979	25062 1711449	285758	559771	846363	0.500 40.0	1.00 60.0	10.0	20.0	30.0
Vinyl acetate	FB	Ave	15267 1242139	32676 1817003	324963	648414	938121	0.500 40.0	1.00 60.0	10.0	20.0	30.0
2,2-Dichloropropane	FB	Ave	11783 1053932	23733 1518280	257058	515426	762661	0.500 40.0	1.00 60.0	10.0	20.0	30.0
cis-1,2-Dichloroethene	FB	Ave	8369 715994	15552 1039988	170974	341822	513954	0.500 40.0	1.00 60.0	10.0	20.0	30.0
2-Butanone	FB	Ave	3538 318893	7495 464335	71101	145910	220353	1.00 80.0	2.00 120	20.0	40.0	60.0
Bromochloromethane	FB	Ave	5790 531086	12039 789415	129741	257144	383488	0.500 40.0	1.00 60.0	10.0	20.0	30.0
Tetrahydrofuran	FB	Ave	10020 733435	17435 1065254	172840	341280	512930	1.00 80.0	2.00 120	20.0	40.0	60.0
Chloroform	FB	Ave	13080 1137642	25870 1641898	279599	549171	809889	0.500 40.0	1.00 60.0	10.0	20.0	30.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Canton Job No.: 240-165545-1 Analy Batch No.: 520426

SDG No.: _____

Instrument ID: A3UX9 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/21/2022 16:23 Calibration End Date: 03/21/2022 18:50 Calibration ID: 64948

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Cyclohexane	FB	Ave	10888 1032024	21631 1496477	242910	490843	734104	0.500 40.0	1.00 60.0	10.0	20.0	30.0
1,1,1-Trichloroethane	FB	Ave	11146 1041972	22349 1516173	253914	499345	750525	0.500 40.0	1.00 60.0	10.0	20.0	30.0
Carbon tetrachloride	FB	Ave	9027 867714	18522 1265527	210182	416985	624357	0.500 40.0	1.00 60.0	10.0	20.0	30.0
1,1-Dichloropropene	FB	Ave	10368 948645	19345 1382045	227551	459980	685953	0.500 40.0	1.00 60.0	10.0	20.0	30.0
Isobutyl alcohol	FB	Ave	13809 1218585	23376 1713165	262686	534043	815285	12.5 1000	25.0 1500	250	500	750
Benzene	FB	Ave	30971 2741817	60200 3958365	649568	1312463	1971996	0.500 40.0	1.00 60.0	10.0	20.0	30.0
1,2-Dichloroethane	FB	Ave	10355 903549	21102 1320276	218926	434265	648340	0.500 40.0	1.00 60.0	10.0	20.0	30.0
n-Heptane	FB	Ave	5978 507603	10203 740431	116946	231053	357595	0.500 40.0	1.00 60.0	10.0	20.0	30.0
Trichloroethene	FB	Ave	7697 722115	15125 1051400	173258	343753	518420	0.500 40.0	1.00 60.0	10.0	20.0	30.0
Methylcyclohexane	FB	Ave	10830 1064960	21313 1557469	247161	503578	772168	0.500 40.0	1.00 60.0	10.0	20.0	30.0
1,2-Dichloropropane	FB	Ave	7295 663693	14507 963901	158749	315574	471452	0.500 40.0	1.00 60.0	10.0	20.0	30.0
1,4-Dioxane	FB	Ave	2680 287724	5381 387395	59625	123952	189218	10.0 800	20.0 1200	200	400	600
Dibromomethane	FB	Ave	4690 438416	9799 647929	101805	206691	309011	0.500 40.0	1.00 60.0	10.0	20.0	30.0
Bromodichloromethane	FB	Ave	8715 869915	19420 1280618	203651	413295	622487	0.500 40.0	1.00 60.0	10.0	20.0	30.0
2-Chloroethyl vinyl ether	FB	Ave	10651 1096386	21914 1627862	252296	522905	776127	1.00 80.0	2.00 120	20.0	40.0	60.0
cis-1,3-Dichloropropene	FB	Ave	12331 1129841	23730 1644888	265909	536742	806525	0.500 40.0	1.00 60.0	10.0	20.0	30.0
4-Methyl-2-pentanone	FB	Ave	22348 2077794	43283 3054274	479955	969577	1462040	1.00 80.0	2.00 120	20.0	40.0	60.0
Toluene	CBNZ d5	Ave	35338	67287	724316	1446163	2166163	0.500	1.00	10.0	20.0	30.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Canton Job No.: 240-165545-1 Analy Batch No.: 520426

SDG No.: _____

Instrument ID: A3UX9 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/21/2022 16:23 Calibration End Date: 03/21/2022 18:50 Calibration ID: 64948

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			2982551	4306368				40.0	60.0			
trans-1,3-Dichloropropene	CBNZ d5	Ave	11529	22341	250818	511760	774673	0.500	1.00	10.0	20.0	30.0
			1075289	1581473				40.0	60.0			
Ethyl methacrylate	CBNZ d5	Ave	11612	21759	252430	508642	764949	0.500	1.00	10.0	20.0	30.0
			1082183	1585436				40.0	60.0			
1,1,2-Trichloroethane	CBNZ d5	Ave	6801	13504	143460	294874	438396	0.500	1.00	10.0	20.0	30.0
			616595	902164				40.0	60.0			
Tetrachloroethene	CBNZ d5	Ave	7010	14934	168901	340038	512926	0.500	1.00	10.0	20.0	30.0
			713760	1037306				40.0	60.0			
1,3-Dichloropropane	CBNZ d5	Ave	12189	24189	264731	529956	787121	0.500	1.00	10.0	20.0	30.0
			1116454	1623300				40.0	60.0			
2-Hexanone	CBNZ d5	Ave	18193	34897	380878	771014	1159492	1.00	2.00	20.0	40.0	60.0
			1641192	2392816				80.0	120			
Dibromochloromethane	CBNZ d5	Ave	7019	14129	148954	303893	461395	0.500	1.00	10.0	20.0	30.0
			648730	954545				40.0	60.0			
1,2-Dibromoethane	CBNZ d5	Ave	7595	13657	157390	320119	470710	0.500	1.00	10.0	20.0	30.0
			670787	981631				40.0	60.0			
Chlorobenzene	CBNZ d5	Ave	21066	41773	446184	905010	1351876	0.500	1.00	10.0	20.0	30.0
			1871025	2710342				40.0	60.0			
Ethylbenzene	CBNZ d5	Ave	11067	21900	249316	510975	762495	0.500	1.00	10.0	20.0	30.0
			1042909	1511923				40.0	60.0			
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	6526	13329	155590	316604	472878	0.500	1.00	10.0	20.0	30.0
			669865	968562				40.0	60.0			
m-Xylene & p-Xylene	CBNZ d5	Ave	14946	29341	311960	629804	937146	0.500	1.00	10.0	20.0	30.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Canton Job No.: 240-165545-1 Analy Batch No.: 520426

SDG No.: _____

Instrument ID: A3UX9 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/21/2022 16:23 Calibration End Date: 03/21/2022 18:50 Calibration ID: 64948

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			1290673	1857581				40.0	60.0			
o-Xylene	CBNZ d5	Ave	14343	26655	297379	602229	898022	0.500	1.00	10.0	20.0	30.0
			1235963	1808724				40.0	60.0			
Styrene	CBNZ d5	Ave	22530	46184	504985	1046664	1565914	0.500	1.00	10.0	20.0	30.0
			2179707	3150490				40.0	60.0			
Bromoform	CBNZ d5	Ave	5095	9903	114765	235969	358932	0.500	1.00	10.0	20.0	30.0
			509183	747756				40.0	60.0			
Isopropylbenzene	CBNZ d5	Ave	35184	68252	777006	1579567	2358068	0.500	1.00	10.0	20.0	30.0
			3211115	4628312				40.0	60.0			
Bromobenzene	DCBd 4	Ave	8811	16487	190924	382820	568725	0.500	1.00	10.0	20.0	30.0
			790070	1140045				40.0	60.0			
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	10732	21955	232363	472558	703161	0.500	1.00	10.0	20.0	30.0
			976663	1439144				40.0	60.0			
n-Propylbenzene	DCBd 4	Ave	9387	18421	212703	430540	649646	0.500	1.00	10.0	20.0	30.0
			886882	1283373				40.0	60.0			
1,2,3-Trichloropropane	DCBd 4	Ave	3580	8595	82695	168393	248407	0.500	1.00	10.0	20.0	30.0
			356473	512919				40.0	60.0			
trans-1,4-Dichloro-2-butene	DCBd 4	Ave	4437	8225	94471	190774	287631	0.500	1.00	10.0	20.0	30.0
			403349	588578				40.0	60.0			
2-Chlorotoluene	DCBd 4	Ave	7433	16036	180096	368014	548485	0.500	1.00	10.0	20.0	30.0
			755374	1093878				40.0	60.0			
1,3,5-Trimethylbenzene	DCBd 4	Ave	28350	54271	626869	1291110	1918016	0.500	1.00	10.0	20.0	30.0
			2625880	3808192				40.0	60.0			
4-Chlorotoluene	DCBd 4	Ave	8664	17387	190540	388246	578014	0.500	1.00	10.0	20.0	30.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Canton Job No.: 240-165545-1 Analy Batch No.: 520426

SDG No.: _____

Instrument ID: A3UX9 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/21/2022 16:23 Calibration End Date: 03/21/2022 18:50 Calibration ID: 64948

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			788830	1144661				40.0	60.0			
tert-Butylbenzene	DCBd 4	Ave	24020	46654	528633	1079391	1620283	0.500	1.00	10.0	20.0	30.0
			2197355	3191591				40.0	60.0			
1,2,4-Trimethylbenzene	DCBd 4	Ave	29328	57128	639942	1306381	1946890	0.500	1.00	10.0	20.0	30.0
			2651696	3827938				40.0	60.0			
sec-Butylbenzene	DCBd 4	Ave	6172	13553	157208	325535	487436	0.500	1.00	10.0	20.0	30.0
			664679	956911				40.0	60.0			
p-Isopropyltoluene	DCBd 4	Ave	28420	56905	654549	1323924	1994860	0.500	1.00	10.0	20.0	30.0
			2724972	3940697				40.0	60.0			
1,3-Dichlorobenzene	DCBd 4	Ave	15658	31950	355790	716005	1070460	0.500	1.00	10.0	20.0	30.0
			1466987	2119382				40.0	60.0			
1,4-Dichlorobenzene	DCBd 4	Ave	16685	33275	355612	731353	1090464	0.500	1.00	10.0	20.0	30.0
			1487619	2142486				40.0	60.0			
n-Butylbenzene	DCBd 4	Ave	23978	48081	544973	1128562	1694908	0.500	1.00	10.0	20.0	30.0
			2306832	3346737				40.0	60.0			
1,2-Dichlorobenzene	DCBd 4	Ave	15283	30281	333450	672476	998205	0.500	1.00	10.0	20.0	30.0
			1383213	1992668				40.0	60.0			
1,2-Dibromo-3-Chloropropane	DCBd 4	Ave	3210	6585	72429	149681	225654	0.500	1.00	10.0	20.0	30.0
			324632	469149				40.0	60.0			
1,2,4-Trichlorobenzene	DCBd 4	Ave	9236	17300	192177	391164	601464	0.500	1.00	10.0	20.0	30.0
			823902	1190903				40.0	60.0			
Hexachlorobutadiene	DCBd 4	Ave	3819	7450	82036	171699	256575	0.500	1.00	10.0	20.0	30.0
			346102	498407				40.0	60.0			
Naphthalene	DCBd 4	Ave	28682	56087	616710	1288655	1928425	0.500	1.00	10.0	20.0	30.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Canton Job No.: 240-165545-1 Analy Batch No.: 520426

SDG No.: _____

Instrument ID: A3UX9 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/21/2022 16:23 Calibration End Date: 03/21/2022 18:50 Calibration ID: 64948

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			2742239	3973030				40.0	60.0			
1,2,3-Trichlorobenzene	DCBd 4	Ave	8739	16392	182940	371774	564124	0.500	1.00	10.0	20.0	30.0
			781575	1129490				40.0	60.0			
Dibromofluoromethane (Surr)	FB	Ave	6976	12602	137428	284463	428170	0.500	1.00	10.0	20.0	30.0
			591619	887621				40.0	60.0			
1,2-Dichloroethane-d4 (Surr)	FB	Ave	8546	17125	177845	359993	543478	0.500	1.00	10.0	20.0	30.0
			752730	1113617				40.0	60.0			
Toluene-d8 (Surr)	CBNZ d5	Ave	29916	52958	582530	1212237	1786484	0.500	1.00	10.0	20.0	30.0
			2456650	3609332				40.0	60.0			
4-Bromofluorobenzene (Surr)	CBNZ d5	Ave	11989	20899	221071	463498	681895	0.500	1.00	10.0	20.0	30.0
			937200	1381473				40.0	60.0			

Curve Type Legend

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Canton Job No.: 240-165545-1 Analy Batch No.: 520426

SDG No.: _____

Instrument ID: A3UX9 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/21/2022 16:23 Calibration End Date: 03/21/2022 18:50 Calibration ID: 64948

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8260 240-520426/8	UX000684.D
Level 2	STD8260 240-520426/9	UX000685.D
Level 3	STD8260 240-520426/10	UX000686.D
Level 4	ICIS 240-520426/11	UX000687.D
Level 5	STD8260 240-520426/12	UX000688.D
Level 6	STD8260 240-520426/13	UX000689.D
Level 7	STD8260 240-520426/14	UX000690.D

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
Acetone	6.2						50					

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Canton Job No.: 240-165545-1 Analy Batch No.: 520426

SDG No.: _____

Instrument ID: A3UX9 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/21/2022 20:28 Calibration End Date: 03/21/2022 22:30 Calibration ID: 64952

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STDA9 240-520426/18	UX000694.D
Level 2	STDA9 240-520426/19	UX000695.D
Level 3	STDA9 240-520426/20	UX000696.D
Level 4	STDA9 240-520426/21	UX000697.D
Level 5	STDA9 240-520426/22	UX000698.D
Level 6	STDA9 240-520426/23	UX000699.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Acetonitrile	0.0735 0.0532	0.0662	0.0540	0.0532	0.0542	Ave		0.059 0			14.7		20.0				
Diisopropyl ether	0.1929 0.2231	0.2199	0.2237	0.2278	0.2360	Ave		0.220 6			6.6		20.0				
2-Chloro-1,3-butadiene	0.3900 0.4210	0.3886	0.4274	0.4218	0.4244	Ave		0.412 2			4.3		20.0				
Ethyl tert-Butyl Ether (ETBE)	0.7484 0.7981	0.7383	0.7861	0.7877	0.8077	Ave		0.777 7			3.6		20.0				
Ethyl acetate	0.4067 0.3841	0.3827	0.3837	0.3817	0.3946	Ave		0.388 9			2.5		20.0				
Propionitrile	0.0652 0.0659	0.0665	0.0653	0.0653	0.0673	Ave		0.065 9			1.3		20.0				
Methacrylonitrile	0.2241 0.2271	0.2287	0.2331	0.2278	0.2334	Ave		0.229 1			1.6		20.0				
Isooctane	0.5318 0.5870	0.5367	0.5640	0.5812	0.5970	Ave		0.566 3			4.8		20.0				
Tert-amyl-methyl ether (TAME)	0.7368 0.8208	0.7601	0.7941	0.8021	0.8447	Ave		0.793 1			5.0		20.0				
n-Butanol	0.0150 0.0160	0.0139	0.0139	0.0151	0.0166	Ave		0.015 1			7.1		20.0				
Ethyl acrylate	0.4458 0.4799	0.4515	0.4563	0.4661	0.4896	Ave		0.464 9			3.7		20.0				
Methyl methacrylate	0.2854 0.3076	0.2842	0.3035	0.3013	0.3150	Ave		0.299 5			4.1		20.0				
2-Nitropropane	0.1359 0.1262	0.1249	0.1267	0.1235	0.1282	Ave		0.127 6			3.5		20.0				
n-Butyl acetate	0.7459 0.7073	0.6879	0.7087	0.6942	0.7243	Ave		0.711 4			3.0		20.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Canton Job No.: 240-165545-1 Analy Batch No.: 520426

SDG No.: _____

Instrument ID: A3UX9 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/21/2022 20:28 Calibration End Date: 03/21/2022 22:30 Calibration ID: 64952

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1-Chlorohexane	0.5252 0.4886	0.4597	0.4782	0.4793	0.4849	Ave		0.486 0			4.5		20.0				
Cyclohexanone	0.0445 0.0468	0.0450	0.0429	0.0456	0.0492	Ave		0.045 7			4.7		20.0				
Pentachloroethane	0.0418 0.0423	0.0473	0.0590	0.0412	0.0429	Ave		0.045 7			15.0		20.0				
1,2,3-Trimethylbenzene	2.3997 2.7453	2.4563	2.6909	2.6926	2.7412	Ave		2.621 0			5.8		20.0				
Benzyl chloride	0.3560 0.4075	0.3381	0.3757	0.3851	0.4103	Ave		0.378 8			7.5		20.0				
1,3,5-Trichlorobenzene	0.7436 0.9398	0.7506	0.9044	0.8985	0.9321	Ave		0.861 5			10.4		20.0				
2-Methylnaphthalene	0.9814 1.0632	0.9732	1.0048	0.9930	1.0353	Ave		1.008 5			3.4		20.0				
1-Methylnaphthalene	0.8977 1.0330	0.9235	0.9761	0.9810	1.0181	Ave		0.971 6			5.4		20.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Canton Job No.: 240-165545-1 Analy Batch No.: 520426

SDG No.: _____

Instrument ID: A3UX9 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/21/2022 20:28 Calibration End Date: 03/21/2022 22:30 Calibration ID: 64952

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STDA9 240-520426/18	UX000694.D
Level 2	STDA9 240-520426/19	UX000695.D
Level 3	STDA9 240-520426/20	UX000696.D
Level 4	STDA9 240-520426/21	UX000697.D
Level 5	STDA9 240-520426/22	UX000698.D
Level 6	STDA9 240-520426/23	UX000699.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Acetonitrile	FB	Ave	21416 1989092	39198	321368	649670	1360239	5.00 600	10.0	100	200	400
Diisopropyl ether	FB	Ave	5619 834514	13032	133055	278038	592619	0.500 60.0	1.00	10.0	20.0	40.0
2-Chloro-1,3-butadiene	FB	Ave	11358 1575007	23024	254212	514915	1065484	0.500 60.0	1.00	10.0	20.0	40.0
Ethyl tert-Butyl Ether (ETBE)	FB	Ave	21797 2985541	43749	467549	961672	2028048	0.500 60.0	1.00	10.0	20.0	40.0
Ethyl acetate	FB	Ave	23690 2873485	45356	456390	931854	1981625	1.00 120	2.00	20.0	40.0	80.0
Propionitrile	FB	Ave	18993 2464009	39392	388338	797440	1690251	5.00 600	10.0	100	200	400
Methacrylonitrile	FB	Ave	65282 8496346	135520	1386349	2781538	5860285	5.00 600	10.0	100	200	400
Isooctane	FB	Ave	15489 2195628	31802	335452	709479	1498855	0.500 60.0	1.00	10.0	20.0	40.0
Tert-amyl-methyl ether (TAME)	FB	Ave	21458 3070464	45041	472312	979262	2120922	0.500 60.0	1.00	10.0	20.0	40.0
n-Butanol	FB	Ave	10907 1496250	20584	206928	461125	1039101	12.5 1500	25.0	250	500	1000
Ethyl acrylate	FB	Ave	12985 1795205	26755	271396	568984	1229205	0.500 60.0	1.00	10.0	20.0	40.0
Methyl methacrylate	FB	Ave	16623 2301063	33682	361004	735577	1581943	1.00 120	2.00	20.0	40.0	80.0
2-Nitropropane	FB	Ave	7919 944175	14799	150769	301492	643638	1.00 120	2.00	20.0	40.0	80.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Canton Job No.: 240-165545-1 Analy Batch No.: 520426

SDG No.: _____

Instrument ID: A3UX9 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/21/2022 20:28 Calibration End Date: 03/21/2022 22:30 Calibration ID: 64952

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
n-Butyl acetate	CBNZ d5	Ave	16762 2010336	31262	322426	649604	1383315	0.500 60.0	1.00	10.0	20.0	40.0
1-Chlorohexane	CBNZ d5	Ave	11803 1388708	20894	217540	448533	925973	0.500 60.0	1.00	10.0	20.0	40.0
Cyclohexanone	DCBd 4	Ave	5223 678853	10790	100273	216538	476038	5.00 600	10.0	100	200	400
Pentachloroethane	DCBd 4	Ave	982 122525	2265	27548	39133	82939	1.00 120	2.00	20.0	40.0	80.0
1,2,3-Trimethylbenzene	DCBd 4	Ave	28196 3978466	58840	628327	1279539	2652255	0.500 60.0	1.00	10.0	20.0	40.0
Benzyl chloride	DCBd 4	Ave	4183 590482	8098	87719	182989	396936	0.500 60.0	1.00	10.0	20.0	40.0
1,3,5-Trichlorobenzene	DCBd 4	Ave	8737 1361918	17981	211178	426964	901849	0.500 60.0	1.00	10.0	20.0	40.0
2-Methylnaphthalene	DCBd 4	Ave	23062 3081552	46624	469218	943769	2003301	1.00 120	2.00	20.0	40.0	80.0
1-Methylnaphthalene	DCBd 4	Ave	21096 2994014	44244	455816	932309	1970133	1.00 120	2.00	20.0	40.0	80.0

Curve Type Legend

Ave = Average ISTD

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Lab Sample ID: ICV 240-520426/15 Calibration Date: 03/21/2022 19:14
 Instrument ID: A3UX9 Calib Start Date: 03/21/2022 16:23
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 03/21/2022 18:50
 Lab File ID: UX000691.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.2978	0.2934	0.1000	0.0197	0.0200	-1.5	30.0
Chloromethane	Ave	0.3182	0.3191	0.1000	0.0201	0.0200	0.3	30.0
Vinyl chloride	Ave	0.3251	0.3294	0.1000	0.0203	0.0200	1.3	30.0
Butadiene	Ave	0.2971	0.2665		0.0179	0.0200	-10.3	30.0
Bromomethane	Ave	0.2290	0.2323	0.0500	0.0203	0.0200	1.5	30.0
Chloroethane	Ave	0.2161	0.2180	0.0500	0.0202	0.0200	0.9	30.0
Dichlorofluoromethane	Ave	0.5199	0.4876		0.0188	0.0200	-6.2	30.0
Trichlorofluoromethane	Ave	0.4129	0.4155	0.1000	0.0201	0.0200	0.6	30.0
Ethyl ether	Ave	0.2021	0.1999		0.0198	0.0200	-1.1	30.0
1,1,2-Trichloro-1,2,2-trichf luoroethane	Ave	0.2264	0.2261	0.0500	0.0200	0.0200	-0.1	30.0
Acrolein	Ave	0.0682	0.0410		0.0600	0.100	-40.0*	30.0
1,1-Dichloroethene	Ave	0.3618	0.3641	0.1000	0.0201	0.0200	0.6	30.0
Acetone	Lin1		0.0408	0.0100	0.0373	0.0400	-6.9	50.0
Iodomethane	Ave	0.2887	0.2916		0.0202	0.0200	1.0	30.0
Carbon disulfide	Ave	0.6884	0.7032	0.1000	0.0204	0.0200	2.2	30.0
3-Chloro-1-propene	Ave	0.3999	0.3866		0.0193	0.0200	-3.3	30.0
Methyl acetate	Ave	0.3182	0.2908	0.1000	0.0365	0.0400	-8.6	50.0
Methylene Chloride	Ave	0.3290	0.3068	0.1000	0.0186	0.0200	-6.8	50.0
tert-Butyl alcohol	Ave	0.0642	0.0648		0.202	0.200	0.9	30.0
Methyl-tert-butyl Ether (MTBE)	Ave	0.7977	0.7853	0.1000	0.0197	0.0200	-1.6	30.0
trans-1,2-Dichloroethene	Ave	0.3550	0.3464	0.1000	0.0195	0.0200	-2.4	30.0
Acrylonitrile	Ave	0.1544	0.1500		0.194	0.200	-2.9	30.0
Hexane	Ave	0.3320	0.3207		0.0193	0.0200	-3.4	30.0
1,1-Dichloroethane	Ave	0.4604	0.4381	0.2000	0.0190	0.0200	-4.8	30.0
Vinyl acetate	Ave	0.5240	0.4384		0.0167	0.0200	-16.3	30.0
2,2-Dichloropropane	Ave	0.4170	0.3970		0.0190	0.0200	-4.8	30.0
cis-1,2-Dichloroethene	Ave	0.2818	0.2753	0.1000	0.0195	0.0200	-2.3	30.0
2-Butanone	Ave	0.0617	0.0582	0.0100	0.0377	0.0400	-5.7	50.0
Bromochloromethane	Ave	0.2102	0.2047		0.0195	0.0200	-2.6	30.0
Tetrahydrofuran	Ave	0.1485	0.1393		0.0375	0.0400	-6.2	30.0
Chloroform	Ave	0.4513	0.4290	0.2000	0.0190	0.0200	-4.9	30.0
Cyclohexane	Ave	0.3969	0.3896	0.1000	0.0196	0.0200	-1.8	30.0
1,1,1-Trichloroethane	Ave	0.4061	0.3935	0.1000	0.0194	0.0200	-3.1	30.0
Carbon tetrachloride	Ave	0.3366	0.3280	0.1000	0.0195	0.0200	-2.5	30.0
1,1-Dichloropropene	Ave	0.3684	0.3548		0.0193	0.0200	-3.7	30.0
Isobutyl alcohol	Ave	0.0180	0.0187		0.519	0.500	3.9	30.0
Benzene	Ave	1.074	1.041	0.5000	0.0194	0.0200	-3.1	30.0
1,2-Dichloroethane	Ave	0.3597	0.3473	0.1000	0.0193	0.0200	-3.4	30.0
n-Heptane	Ave	0.1953	0.1841		0.0189	0.0200	-5.7	30.0
Trichloroethene	Ave	0.2794	0.2810	0.1500	0.0201	0.0200	0.6	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Lab Sample ID: ICV 240-520426/15 Calibration Date: 03/21/2022 19:14
 Instrument ID: A3UX9 Calib Start Date: 03/21/2022 16:23
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 03/21/2022 18:50
 Lab File ID: UX000691.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methylcyclohexane	Ave	0.4055	0.3905	0.1000	0.0193	0.0200	-3.7	30.0
1,2-Dichloropropane	Ave	0.2587	0.2532	0.1000	0.0196	0.0200	-2.1	30.0
1,4-Dioxane	Ave	0.0051	0.0068		0.534	0.400	33.4	50.0
Dibromomethane	Ave	0.1701	0.1678		0.0197	0.0200	-1.4	30.0
Bromodichloromethane	Ave	0.3359	0.3267	0.1500	0.0195	0.0200	-2.7	30.0
2-Chloroethyl vinyl ether	Ave	0.2072	0.2065		0.0199	0.0200	-0.4	30.0
cis-1,3-Dichloropropene	Ave	0.4370	0.4148	0.1500	0.0190	0.0200	-5.1	50.0
4-Methyl-2-pentanone	Ave	0.3982	0.3839	0.0500	0.0386	0.0400	-3.6	50.0
Toluene	Ave	1.577	1.496	0.4000	0.0190	0.0200	-5.1	30.0
trans-1,3-Dichloropropene	Ave	0.5503	0.5293	0.1000	0.0192	0.0200	-3.8	30.0
Ethyl methacrylate	Ave	0.5487	0.5357		0.0195	0.0200	-2.4	30.0
1,1,2-Trichloroethane	Ave	0.3183	0.3096	0.1000	0.0195	0.0200	-2.7	30.0
Tetrachloroethene	Ave	0.3614	0.3631	0.1500	0.0201	0.0200	0.5	30.0
1,3-Dichloropropane	Ave	0.5744	0.5546		0.0193	0.0200	-3.4	30.0
2-Hexanone	Ave	0.4204	0.4104	0.0500	0.0390	0.0400	-2.4	50.0
Dibromochloromethane	Ave	0.3324	0.3189		0.0192	0.0200	-4.1	30.0
1,2-Dibromoethane	Ave	0.3439	0.3309		0.0192	0.0200	-3.8	30.0
Chlorobenzene	Ave	0.9772	0.9479	0.3000	0.0194	0.0200	-3.0	30.0
Ethylbenzene	Ave	0.5379	0.5280		0.0196	0.0200	-1.8	30.0
1,1,1,2-Tetrachloroethane	Ave	0.3342	0.3241		0.0194	0.0200	-3.0	30.0
m-Xylene & p-Xylene	Ave	0.6805	0.6526		0.0192	0.0200	-4.1	30.0
o-Xylene	Ave	0.6482	0.6278		0.0194	0.0200	-3.1	30.0
Styrene	Ave	1.110	1.081	0.3000	0.0195	0.0200	-2.6	30.0
Bromoform	Ave	0.2529	0.2486	0.1000	0.0197	0.0200	-1.7	30.0
Isopropylbenzene	Ave	1.670	1.632	0.1000	0.0195	0.0200	-2.3	30.0
Bromobenzene	Ave	0.7857	0.7814		0.0199	0.0200	-0.6	30.0
1,1,2,2-Tetrachloroethane	Ave	0.9796	0.9645	0.3000	0.0197	0.0200	-1.5	30.0
n-Propylbenzene	Ave	0.8769	0.8707		0.0199	0.0200	-0.7	30.0
1,2,3-Trichloropropane	Ave	0.3516	0.3372		0.0192	0.0200	-4.1	30.0
trans-1,4-Dichloro-2-butene	Ave	0.3960	0.4030		0.0203	0.0200	1.7	30.0
2-Chlorotoluene	Ave	0.7409	0.7524		0.0203	0.0200	1.6	30.0
1,3,5-Trimethylbenzene	Ave	2.605	2.632		0.0202	0.0200	1.1	30.0
4-Chlorotoluene	Ave	0.7929	0.7823		0.0197	0.0200	-1.3	30.0
tert-Butylbenzene	Ave	2.197	2.224		0.0203	0.0200	1.3	30.0
1,2,4-Trimethylbenzene	Ave	2.659	2.687		0.0202	0.0200	1.1	30.0
sec-Butylbenzene	Ave	0.6440	0.6588		0.0205	0.0200	2.3	30.0
1,3-Dichlorobenzene	Ave	1.464	1.477	0.6000	0.0202	0.0200	0.9	30.0
p-Isopropyltoluene	Ave	2.692	2.749		0.0204	0.0200	2.1	30.0
1,4-Dichlorobenzene	Ave	1.499	1.496	0.5000	0.0200	0.0200	-0.2	30.0
n-Butylbenzene	Ave	2.276	2.292		0.0201	0.0200	0.7	30.0
1,2-Dichlorobenzene	Ave	1.383	1.396	0.4000	0.0202	0.0200	0.9	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Lab Sample ID: ICV 240-520426/15 Calibration Date: 03/21/2022 19:14
 Instrument ID: A3UX9 Calib Start Date: 03/21/2022 16:23
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 03/21/2022 18:50
 Lab File ID: UX000691.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dibromo-3-Chloropropane	Ave	0.3090	0.3029	0.0500	0.0196	0.0200	-2.0	50.0
1,2,4-Trichlorobenzene	Ave	0.8158	0.8205	0.2000	0.0201	0.0200	0.6	50.0
Hexachlorobutadiene	Ave	0.3467	0.3560		0.0205	0.0200	2.7	50.0
Naphthalene	Ave	2.649	2.700		0.0204	0.0200	1.9	50.0
1,2,3-Trichlorobenzene	Ave	0.7728	0.7846		0.0203	0.0200	1.5	30.0
Dibromofluoromethane (Surr)	Ave	0.2333	0.2557		0.0219	0.0200	9.6	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2976	0.3008		0.0202	0.0200	1.1	30.0
Toluene-d8 (Surr)	Ave	1.298	1.368		0.0211	0.0200	5.4	30.0
4-Bromofluorobenzene (Surr)	Ave	0.5013	0.5479		0.0219	0.0200	9.3	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Lab Sample ID: ICV 240-520426/24 Calibration Date: 03/21/2022 22:54
 Instrument ID: A3UX9 Calib Start Date: 03/21/2022 20:28
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 03/21/2022 22:30
 Lab File ID: UX000700.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Acetonitrile	Ave	0.0590	0.0538		0.182	0.200	-8.9	30.0
Diisopropyl ether	Ave	0.2206	0.2269		0.0206	0.0200	2.9	30.0
2-Chloro-1,3-butadiene	Ave	0.4122	0.4108		0.0199	0.0200	-0.3	30.0
Ethyl tert-Butyl Ether (ETBE)	Ave	0.7777	0.8031		0.0207	0.0200	3.3	30.0
Ethyl acetate	Ave	0.3889	0.3767		0.0387	0.0400	-3.1	30.0
Propionitrile	Ave	0.0659	0.0652		0.198	0.200	-1.0	30.0
Methacrylonitrile	Ave	0.2291	0.2275		0.199	0.200	-0.7	30.0
Tert-amyl-methyl ether (TAME)	Ave	0.7931	0.8198		0.0207	0.0200	3.4	30.0
n-Butanol	Ave	0.0151	0.0166		0.551	0.500	10.3	30.0
Ethyl acrylate	Ave	0.4649	0.4606		0.0198	0.0200	-0.9	30.0
Methyl methacrylate	Ave	0.2995	0.2979		0.0398	0.0400	-0.5	30.0
2-Nitropropane	Ave	0.1276	0.1209		0.0379	0.0400	-5.3	30.0
n-Butyl acetate	Ave	0.7114	0.6779		0.0191	0.0200	-4.7	30.0
1-Chlorohexane	Ave	0.4860	0.4579		0.0188	0.0200	-5.8	30.0
Cyclohexanone	Ave	0.0457	0.0518		0.227	0.200	13.5	30.0
Pentachloroethane	Ave	0.0457	0.0237		0.0207	0.0400	-48.2*	30.0
1,2,3-Trimethylbenzene	Ave	2.621	2.643		0.0202	0.0200	0.8	30.0
Benzyl chloride	Ave	0.3788	0.3598		0.0190	0.0200	-5.0	30.0
1,3,5-Trichlorobenzene	Ave	0.8615	0.8873		0.0206	0.0200	3.0	30.0
2-Methylnaphthalene	Ave	1.008	1.084		0.0430	0.0400	7.5	30.0

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Lab File ID: BFB1526.D BFB Injection Date: 04/28/2022
 Instrument ID: A3UX9 BFB Injection Time: 09:07
 Analysis Batch No.: 524313

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	17.9
75	30.0 - 60.0 % of mass 95	49.7
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	5.8
173	Less than 2.0 % of mass 174	0.6 (0.7) 1
174	Greater than 50% of mass 95	87.4
175	5.0 - 9.0 % of mass 174	6.2 (7.1) 1
176	95.0 - 101.0 % of mass 174	85.1 (97.4) 1
177	5.0 - 9.0 % of mass 176	5.8 (6.9) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 240-524313/3	UX001584.D	04/28/2022	9:32
	CCV 240-524313/4	UX001585.D	04/28/2022	9:57
	LCS 240-524313/5	UX001586.D	04/28/2022	10:21
	MB 240-524313/8	UX001589.D	04/28/2022	11:35
TB-042622	240-165585-1	UX001598.D	04/28/2022	15:15
GSP-MW-04-042622	240-165585-2	UX001599.D	04/28/2022	15:40
GSP-DUP01-042622	240-165585-6	UX001600.D	04/28/2022	16:04

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Lab Sample ID: CCVIS 240-524313/3 Calibration Date: 04/28/2022 09:32
 Instrument ID: A3UX9 Calib Start Date: 03/21/2022 16:23
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 03/21/2022 18:50
 Lab File ID: UX001584.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.2978	0.2999	0.1000	0.0201	0.0200	0.7	20.0
Chloromethane	Ave	0.3182	0.2378	0.1000	0.0149	0.0200	-25.3*	20.0
Vinyl chloride	Ave	0.3251	0.2768	0.1000	0.0170	0.0200	-14.9	20.0
Butadiene	Ave	0.2971	0.2434		0.0164	0.0200	-18.1	20.0
Bromomethane	Ave	0.2290	0.1256	0.0500	0.0110	0.0200	-45.2*	20.0
Chloroethane	Ave	0.2161	0.2107	0.0500	0.0195	0.0200	-2.5	20.0
Dichlorofluoromethane	Ave	0.5199	0.4756		0.0183	0.0200	-8.5	20.0
Trichlorofluoromethane	Ave	0.4129	0.4363	0.1000	0.0211	0.0200	5.7	20.0
Ethyl ether	Ave	0.2021	0.1739		0.0172	0.0200	-13.9	20.0
1,1,2-Trichloro-1,2,2-trichf luoroethane	Ave	0.2264	0.2288	0.0500	0.0202	0.0200	1.1	20.0
Acrolein	Ave	0.0682	0.0479		0.0702	0.100	-29.8*	20.0
1,1-Dichloroethene	Ave	0.3618	0.3412	0.1000	0.0189	0.0200	-5.7	20.0
Acetone	Lin1		0.0379	0.0100	0.0345	0.0400	-13.8	50.0
Iodomethane	Ave	0.2887	0.0955		0.00662	0.0200	-66.9*	20.0
Carbon disulfide	Ave	0.6884	0.6538	0.1000	0.0190	0.0200	-5.0	20.0
3-Chloro-1-propene	Ave	0.3999	0.3194		0.0160	0.0200	-20.1*	20.0
Methyl acetate	Ave	0.3182	0.2530	0.1000	0.0318	0.0400	-20.5	50.0
Methylene Chloride	Ave	0.3290	0.2863	0.1000	0.0174	0.0200	-13.0	50.0
tert-Butyl alcohol	Ave	0.0642	0.0524		0.163	0.200	-18.4	20.0
Methyl-tert-butyl Ether (MTBE)	Ave	0.7977	0.7229	0.1000	0.0181	0.0200	-9.4	20.0
trans-1,2-Dichloroethene	Ave	0.3550	0.3216	0.1000	0.0181	0.0200	-9.4	20.0
Acrylonitrile	Ave	0.1544	0.1341		0.174	0.200	-13.1	20.0
Hexane	Ave	0.3320	0.2661		0.0160	0.0200	-19.9	20.0
1,1-Dichloroethane	Ave	0.4604	0.4225	0.2000	0.0184	0.0200	-8.2	20.0
Vinyl acetate	Ave	0.5240	0.5029		0.0192	0.0200	-4.0	20.0
2,2-Dichloropropane	Ave	0.4170	0.4018		0.0193	0.0200	-3.6	20.0
cis-1,2-Dichloroethene	Ave	0.2818	0.2717	0.1000	0.0193	0.0200	-3.6	20.0
2-Butanone	Ave	0.0617	0.0536	0.0100	0.0347	0.0400	-13.2	50.0
Bromochloromethane	Ave	0.2102	0.1902		0.0181	0.0200	-9.5	20.0
Tetrahydrofuran	Ave	0.1485	0.1185		0.0319	0.0400	-20.2*	20.0
Chloroform	Ave	0.4513	0.4345	0.2000	0.0193	0.0200	-3.7	20.0
Cyclohexane	Ave	0.3969	0.3595	0.1000	0.0181	0.0200	-9.4	20.0
1,1,1-Trichloroethane	Ave	0.4061	0.3906	0.1000	0.0192	0.0200	-3.8	20.0
Carbon tetrachloride	Ave	0.3366	0.3193	0.1000	0.0190	0.0200	-5.1	20.0
1,1-Dichloropropene	Ave	0.3684	0.3503		0.0190	0.0200	-4.9	20.0
Isobutyl alcohol	Ave	0.0180	0.0153		0.425	0.500	-15.0	20.0
Benzene	Ave	1.074	1.008	0.5000	0.0188	0.0200	-6.2	20.0
1,2-Dichloroethane	Ave	0.3597	0.3465	0.1000	0.0193	0.0200	-3.7	20.0
n-Heptane	Ave	0.1953	0.1570		0.0161	0.0200	-19.6	20.0
Trichloroethene	Ave	0.2794	0.2759	0.1500	0.0197	0.0200	-1.3	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Lab Sample ID: CCVIS 240-524313/3 Calibration Date: 04/28/2022 09:32
 Instrument ID: A3UX9 Calib Start Date: 03/21/2022 16:23
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 03/21/2022 18:50
 Lab File ID: UX001584.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methylcyclohexane	Ave	0.4055	0.3423	0.1000	0.0169	0.0200	-15.6	20.0
1,2-Dichloropropane	Ave	0.2587	0.2400	0.1000	0.0186	0.0200	-7.2	20.0
1,4-Dioxane	Ave	0.0051	0.0048		0.377	0.400	-5.8	50.0
Dibromomethane	Ave	0.1701	0.1767		0.0208	0.0200	3.8	20.0
Bromodichloromethane	Ave	0.3359	0.3105	0.1500	0.0185	0.0200	-7.6	20.0
2-Chloroethyl vinyl ether	Ave	0.2072	0.1844		0.0356	0.0400	-11.0	20.0
cis-1,3-Dichloropropene	Ave	0.4370	0.4059	0.1500	0.0186	0.0200	-7.1	50.0
4-Methyl-2-pentanone	Ave	0.3982	0.3516	0.0500	0.0353	0.0400	-11.7	50.0
Toluene	Ave	1.577	1.423	0.4000	0.0181	0.0200	-9.7	20.0
trans-1,3-Dichloropropene	Ave	0.5503	0.4784	0.1000	0.0174	0.0200	-13.1	20.0
Ethyl methacrylate	Ave	0.5487	0.4546		0.0166	0.0200	-17.2	20.0
1,1,2-Trichloroethane	Ave	0.3183	0.2877	0.1000	0.0181	0.0200	-9.6	20.0
Tetrachloroethene	Ave	0.3614	0.3522	0.1500	0.0195	0.0200	-2.6	20.0
1,3-Dichloropropane	Ave	0.5744	0.5061		0.0176	0.0200	-11.9	20.0
2-Hexanone	Ave	0.4204	0.3440	0.0500	0.0327	0.0400	-18.2	50.0
Dibromochloromethane	Ave	0.3324	0.2795		0.0168	0.0200	-15.9	20.0
1,2-Dibromoethane	Ave	0.3439	0.3183		0.0185	0.0200	-7.4	20.0
Chlorobenzene	Ave	0.9772	0.9237	0.3000	0.0189	0.0200	-5.5	20.0
Ethylbenzene	Ave	0.5379	0.5050		0.0188	0.0200	-6.1	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3342	0.3151		0.0189	0.0200	-5.7	20.0
m-Xylene & p-Xylene	Ave	0.6805	0.6157		0.0181	0.0200	-9.5	20.0
o-Xylene	Ave	0.6482	0.5973		0.0184	0.0200	-7.9	20.0
Styrene	Ave	1.110	1.056	0.3000	0.0190	0.0200	-4.9	20.0
Bromoform	Ave	0.2529	0.2059	0.1000	0.0163	0.0200	-18.6	20.0
Isopropylbenzene	Ave	1.670	1.495	0.1000	0.0179	0.0200	-10.5	20.0
Bromobenzene	Ave	0.7857	0.7436		0.0189	0.0200	-5.4	20.0
1,1,2,2-Tetrachloroethane	Ave	0.9796	0.8964	0.3000	0.0183	0.0200	-8.5	20.0
n-Propylbenzene	Ave	0.8769	0.7619		0.0174	0.0200	-13.1	20.0
1,2,3-Trichloropropane	Ave	0.3516	0.3163		0.0180	0.0200	-10.0	20.0
trans-1,4-Dichloro-2-butene	Ave	0.3960	0.3369		0.0170	0.0200	-14.9	20.0
2-Chlorotoluene	Ave	0.7409	0.6916		0.0187	0.0200	-6.7	20.0
1,3,5-Trimethylbenzene	Ave	2.605	2.227		0.0171	0.0200	-14.5	20.0
4-Chlorotoluene	Ave	0.7929	0.7305		0.0184	0.0200	-7.9	20.0
tert-Butylbenzene	Ave	2.197	1.882		0.0171	0.0200	-14.3	20.0
1,2,4-Trimethylbenzene	Ave	2.659	2.302		0.0173	0.0200	-13.4	20.0
sec-Butylbenzene	Ave	0.6440	0.5709		0.0177	0.0200	-11.3	20.0
1,3-Dichlorobenzene	Ave	1.464	1.367	0.6000	0.0187	0.0200	-6.6	20.0
p-Isopropyltoluene	Ave	2.692	2.309		0.0172	0.0200	-14.2	20.0
1,4-Dichlorobenzene	Ave	1.499	1.398	0.5000	0.0187	0.0200	-6.7	20.0
n-Butylbenzene	Ave	2.276	1.901		0.0167	0.0200	-16.5	20.0
1,2-Dichlorobenzene	Ave	1.383	1.316	0.4000	0.0190	0.0200	-4.8	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Lab Sample ID: CCVIS 240-524313/3 Calibration Date: 04/28/2022 09:32
 Instrument ID: A3UX9 Calib Start Date: 03/21/2022 16:23
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 03/21/2022 18:50
 Lab File ID: UX001584.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dibromo-3-Chloropropane	Ave	0.3090	0.2549	0.0500	0.0165	0.0200	-17.5	50.0
1,2,4-Trichlorobenzene	Ave	0.8158	0.6902	0.2000	0.0169	0.0200	-15.4	50.0
Hexachlorobutadiene	Ave	0.3467	0.3075		0.0177	0.0200	-11.3	50.0
Naphthalene	Ave	2.649	2.335		0.0176	0.0200	-11.9	50.0
1,2,3-Trichlorobenzene	Ave	0.7728	0.6502		0.0168	0.0200	-15.9	20.0
Dibromofluoromethane (Surr)	Ave	0.2333	0.2299		0.0221	0.0225	-1.4	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2976	0.2659		0.0201	0.0225	-10.7	20.0
Toluene-d8 (Surr)	Ave	1.298	1.193		0.0207	0.0225	-8.1	20.0
4-Bromofluorobenzene (Surr)	Ave	0.5013	0.4655		0.0209	0.0225	-7.1	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Lab Sample ID: CCV 240-524313/4 Calibration Date: 04/28/2022 09:57
 Instrument ID: A3UX9 Calib Start Date: 03/21/2022 20:28
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 03/21/2022 22:30
 Lab File ID: UX001585.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Acetonitrile	Ave	0.0590	0.0437		0.148	0.200	-25.9*	20.0
Diisopropyl ether	Ave	0.2206	0.1977		0.0179	0.0200	-10.4	20.0
2-Chloro-1,3-butadiene	Ave	0.4122	0.3414		0.0166	0.0200	-17.2	20.0
Ethyl tert-Butyl Ether (ETBE)	Ave	0.7777	0.6378		0.0164	0.0200	-18.0	20.0
Ethyl acetate	Ave	0.3889	0.3014		0.0310	0.0400	-22.5*	20.0
Propionitrile	Ave	0.0659	0.0550		0.167	0.200	-16.5	20.0
Methacrylonitrile	Ave	0.2291	0.1862		0.163	0.200	-18.7	20.0
Tert-amyl-methyl ether (TAME)	Ave	0.7931	0.6974		0.0176	0.0200	-12.1	20.0
n-Butanol	Ave	0.0151	0.0129		0.427	0.500	-14.6	20.0
Ethyl acrylate	Ave	0.4649	0.3863		0.0166	0.0200	-16.9	20.0
Methyl methacrylate	Ave	0.2995	0.2572		0.0343	0.0400	-14.1	20.0
2-Nitropropane	Ave	0.1276	0.0874		0.0274	0.0400	-31.5*	20.0
n-Butyl acetate	Ave	0.7114	0.5511		0.0155	0.0200	-22.5*	20.0
1-Chlorohexane	Ave	0.4860	0.4011		0.0165	0.0200	-17.5	20.0
Cyclohexanone	Ave	0.0457	0.0391		0.171	0.200	-14.4	20.0
Pentachloroethane	Ave	0.0457	0.2498		0.218	0.0400	446.2*	20.0
1,2,3-Trimethylbenzene	Ave	2.621	2.227		0.0170	0.0200	-15.0	20.0
Benzyl chloride	Ave	0.3788	0.3573		0.0189	0.0200	-5.7	20.0
1,3,5-Trichlorobenzene	Ave	0.8615	0.7551		0.0175	0.0200	-12.3	20.0
2-Methylnaphthalene	Ave	1.008	0.8475		0.0336	0.0400	-16.0	20.0

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Lab File ID: BFB1527.D BFB Injection Date: 04/29/2022
 Instrument ID: A3UX9 BFB Injection Time: 10:36
 Analysis Batch No.: 524475

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	19.1
75	30.0 - 60.0 % of mass 95	50.9
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	6.5
173	Less than 2.0 % of mass 174	0.6 (0.7) 1
174	Greater than 50% of mass 95	87.7
175	5.0 - 9.0 % of mass 174	6.5 (7.4) 1
176	95.0 - 101.0 % of mass 174	85.2 (97.1) 1
177	5.0 - 9.0 % of mass 176	5.6 (6.6) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 240-524475/3	UX001611.D	04/29/2022	11:04
	CCV 240-524475/4	UX001612.D	04/29/2022	11:28
	LCS 240-524475/5	UX001613.D	04/29/2022	11:53
	MB 240-524475/8	UX001616.D	04/29/2022	13:06
TB-042722	240-165675-1	UX001618.D	04/29/2022	13:56
GSP-MW-23I-042722	240-165675-2	UX001619.D	04/29/2022	14:20
GSP-MW-23I-042722 MS	240-165675-2 MS	UX001620.D	04/29/2022	14:44
GSP-MW-23I-042722 MSD	240-165675-2 MSD	UX001621.D	04/29/2022	15:09
GSP-MW-07-042722	240-165675-3	UX001622.D	04/29/2022	15:33
GSP-MW-13-042722	240-165675-4	UX001623.D	04/29/2022	15:58

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Lab Sample ID: CCVIS 240-524475/3 Calibration Date: 04/29/2022 11:04
 Instrument ID: A3UX9 Calib Start Date: 03/21/2022 16:23
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 03/21/2022 18:50
 Lab File ID: UX001611.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.2978	0.3162	0.1000	0.0212	0.0200	6.2	20.0
Chloromethane	Ave	0.3182	0.2546	0.1000	0.0160	0.0200	-20.0	20.0
Vinyl chloride	Ave	0.3251	0.2919	0.1000	0.0180	0.0200	-10.2	20.0
Butadiene	Ave	0.2971	0.2638		0.0178	0.0200	-11.2	20.0
Bromomethane	Ave	0.2290	0.1518	0.0500	0.0133	0.0200	-33.7*	20.0
Chloroethane	Ave	0.2161	0.2112	0.0500	0.0195	0.0200	-2.3	20.0
Dichlorofluoromethane	Ave	0.5199	0.5119		0.0197	0.0200	-1.5	20.0
Trichlorofluoromethane	Ave	0.4129	0.4785	0.1000	0.0232	0.0200	15.9	20.0
Ethyl ether	Ave	0.2021	0.1859		0.0184	0.0200	-8.0	20.0
1,1,2-Trichloro-1,2,2-trichf luoroethane	Ave	0.2264	0.2353	0.0500	0.0208	0.0200	4.0	20.0
Acrolein	Ave	0.0682	0.0434		0.0636	0.100	-36.4*	20.0
1,1-Dichloroethene	Ave	0.3618	0.3435	0.1000	0.0190	0.0200	-5.1	20.0
Acetone	Lin1		0.0382	0.0100	0.0348	0.0400	-13.1	50.0
Iodomethane	Ave	0.2887	0.0881		0.00611	0.0200	-69.5*	20.0
Carbon disulfide	Ave	0.6884	0.6441	0.1000	0.0187	0.0200	-6.4	20.0
3-Chloro-1-propene	Ave	0.3999	0.3273		0.0164	0.0200	-18.2	20.0
Methyl acetate	Ave	0.3182	0.2580	0.1000	0.0324	0.0400	-18.9	50.0
Methylene Chloride	Ave	0.3290	0.2908	0.1000	0.0177	0.0200	-11.6	50.0
tert-Butyl alcohol	Ave	0.0642	0.0540		0.168	0.200	-15.9	20.0
Methyl-tert-butyl Ether (MTBE)	Ave	0.7977	0.7284	0.1000	0.0183	0.0200	-8.7	20.0
trans-1,2-Dichloroethene	Ave	0.3550	0.3220	0.1000	0.0181	0.0200	-9.3	20.0
Acrylonitrile	Ave	0.1544	0.1346		0.174	0.200	-12.8	20.0
Hexane	Ave	0.3320	0.2795		0.0168	0.0200	-15.8	20.0
1,1-Dichloroethane	Ave	0.4604	0.4247	0.2000	0.0185	0.0200	-7.7	20.0
Vinyl acetate	Ave	0.5240	0.5049		0.0193	0.0200	-3.7	20.0
2,2-Dichloropropane	Ave	0.4170	0.4037		0.0194	0.0200	-3.2	20.0
cis-1,2-Dichloroethene	Ave	0.2818	0.2714	0.1000	0.0193	0.0200	-3.7	20.0
2-Butanone	Ave	0.0617	0.0563	0.0100	0.0365	0.0400	-8.8	50.0
Bromochloromethane	Ave	0.2102	0.2029		0.0193	0.0200	-3.5	20.0
Tetrahydrofuran	Ave	0.1485	0.1209		0.0326	0.0400	-18.6	20.0
Chloroform	Ave	0.4513	0.4311	0.2000	0.0191	0.0200	-4.5	20.0
Cyclohexane	Ave	0.3969	0.3741	0.1000	0.0189	0.0200	-5.7	20.0
1,1,1-Trichloroethane	Ave	0.4061	0.4009	0.1000	0.0197	0.0200	-1.3	20.0
Carbon tetrachloride	Ave	0.3366	0.3296	0.1000	0.0196	0.0200	-2.1	20.0
1,1-Dichloropropene	Ave	0.3684	0.3501		0.0190	0.0200	-5.0	20.0
Isobutyl alcohol	Ave	0.0180	0.0162		0.450	0.500	-9.9	20.0
Benzene	Ave	1.074	1.027	0.5000	0.0191	0.0200	-4.4	20.0
1,2-Dichloroethane	Ave	0.3597	0.3562	0.1000	0.0198	0.0200	-1.0	20.0
n-Heptane	Ave	0.1953	0.1595		0.0163	0.0200	-18.3	20.0
Trichloroethene	Ave	0.2794	0.2842	0.1500	0.0203	0.0200	1.7	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Lab Sample ID: CCVIS 240-524475/3 Calibration Date: 04/29/2022 11:04
 Instrument ID: A3UX9 Calib Start Date: 03/21/2022 16:23
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 03/21/2022 18:50
 Lab File ID: UX001611.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methylcyclohexane	Ave	0.4055	0.3532	0.1000	0.0174	0.0200	-12.9	20.0
1,2-Dichloropropane	Ave	0.2587	0.2406	0.1000	0.0186	0.0200	-7.0	20.0
1,4-Dioxane	Ave	0.0051	0.0052		0.407	0.400	1.8	50.0
Dibromomethane	Ave	0.1701	0.1765		0.0208	0.0200	3.8	20.0
Bromodichloromethane	Ave	0.3359	0.3173	0.1500	0.0189	0.0200	-5.5	20.0
2-Chloroethyl vinyl ether	Ave	0.2072	0.1912		0.0369	0.0400	-7.7	20.0
cis-1,3-Dichloropropene	Ave	0.4370	0.4155	0.1500	0.0190	0.0200	-4.9	50.0
4-Methyl-2-pentanone	Ave	0.3982	0.3612	0.0500	0.0363	0.0400	-9.3	50.0
Toluene	Ave	1.577	1.439	0.4000	0.0183	0.0200	-8.7	20.0
trans-1,3-Dichloropropene	Ave	0.5503	0.4933	0.1000	0.0179	0.0200	-10.4	20.0
Ethyl methacrylate	Ave	0.5487	0.4679		0.0171	0.0200	-14.7	20.0
1,1,2-Trichloroethane	Ave	0.3183	0.2914	0.1000	0.0183	0.0200	-8.4	20.0
Tetrachloroethene	Ave	0.3614	0.3529	0.1500	0.0195	0.0200	-2.4	20.0
1,3-Dichloropropane	Ave	0.5744	0.5228		0.0182	0.0200	-9.0	20.0
2-Hexanone	Ave	0.4204	0.3483	0.0500	0.0331	0.0400	-17.2	50.0
Dibromochloromethane	Ave	0.3324	0.2895		0.0174	0.0200	-12.9	20.0
1,2-Dibromoethane	Ave	0.3439	0.3217		0.0187	0.0200	-6.4	20.0
Chlorobenzene	Ave	0.9772	0.9268	0.3000	0.0190	0.0200	-5.2	20.0
Ethylbenzene	Ave	0.5379	0.5068		0.0188	0.0200	-5.8	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3342	0.3163		0.0189	0.0200	-5.3	20.0
m-Xylene & p-Xylene	Ave	0.6805	0.6233		0.0183	0.0200	-8.4	20.0
o-Xylene	Ave	0.6482	0.6102		0.0188	0.0200	-5.9	20.0
Styrene	Ave	1.110	1.070	0.3000	0.0193	0.0200	-3.6	20.0
Bromoform	Ave	0.2529	0.2049	0.1000	0.0162	0.0200	-19.0	20.0
Isopropylbenzene	Ave	1.670	1.529	0.1000	0.0183	0.0200	-8.4	20.0
Bromobenzene	Ave	0.7857	0.7523		0.0191	0.0200	-4.3	20.0
1,1,2,2-Tetrachloroethane	Ave	0.9796	0.8943	0.3000	0.0183	0.0200	-8.7	20.0
n-Propylbenzene	Ave	0.8769	0.7806		0.0178	0.0200	-11.0	20.0
1,2,3-Trichloropropane	Ave	0.3516	0.3307		0.0188	0.0200	-5.9	20.0
trans-1,4-Dichloro-2-butene	Ave	0.3960	0.3386		0.0171	0.0200	-14.5	20.0
2-Chlorotoluene	Ave	0.7409	0.7037		0.0190	0.0200	-5.0	20.0
1,3,5-Trimethylbenzene	Ave	2.605	2.294		0.0176	0.0200	-11.9	20.0
4-Chlorotoluene	Ave	0.7929	0.7406		0.0187	0.0200	-6.6	20.0
tert-Butylbenzene	Ave	2.197	1.883		0.0171	0.0200	-14.3	20.0
1,2,4-Trimethylbenzene	Ave	2.659	2.351		0.0177	0.0200	-11.6	20.0
sec-Butylbenzene	Ave	0.6440	0.5774		0.0179	0.0200	-10.3	20.0
1,3-Dichlorobenzene	Ave	1.464	1.358	0.6000	0.0186	0.0200	-7.2	20.0
p-Isopropyltoluene	Ave	2.692	2.327		0.0173	0.0200	-13.6	20.0
1,4-Dichlorobenzene	Ave	1.499	1.412	0.5000	0.0188	0.0200	-5.8	20.0
n-Butylbenzene	Ave	2.276	1.949		0.0171	0.0200	-14.3	20.0
1,2-Dichlorobenzene	Ave	1.383	1.313	0.4000	0.0190	0.0200	-5.1	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Lab Sample ID: CCVIS 240-524475/3 Calibration Date: 04/29/2022 11:04
 Instrument ID: A3UX9 Calib Start Date: 03/21/2022 16:23
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 03/21/2022 18:50
 Lab File ID: UX001611.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dibromo-3-Chloropropane	Ave	0.3090	0.2549	0.0500	0.0165	0.0200	-17.5	50.0
1,2,4-Trichlorobenzene	Ave	0.8158	0.6970	0.2000	0.0171	0.0200	-14.6	50.0
Hexachlorobutadiene	Ave	0.3467	0.3082		0.0178	0.0200	-11.1	50.0
Naphthalene	Ave	2.649	2.350		0.0177	0.0200	-11.3	50.0
1,2,3-Trichlorobenzene	Ave	0.7728	0.6600		0.0171	0.0200	-14.6	20.0
Dibromofluoromethane (Surr)	Ave	0.2333	0.2162		0.0208	0.0225	-7.3	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2976	0.2620		0.0198	0.0225	-12.0	20.0
Toluene-d8 (Surr)	Ave	1.298	1.140		0.0197	0.0225	-12.2	20.0
4-Bromofluorobenzene (Surr)	Ave	0.5013	0.4461		0.0200	0.0225	-11.0	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Lab Sample ID: CCV 240-524475/4 Calibration Date: 04/29/2022 11:28
 Instrument ID: A3UX9 Calib Start Date: 03/21/2022 20:28
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 03/21/2022 22:30
 Lab File ID: UX001612.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Acetonitrile	Ave	0.0590	0.0394		0.133	0.200	-33.3*	20.0
Diisopropyl ether	Ave	0.2206	0.1834		0.0166	0.0200	-16.8	20.0
2-Chloro-1,3-butadiene	Ave	0.4122	0.3151		0.0153	0.0200	-23.6*	20.0
Ethyl tert-Butyl Ether (ETBE)	Ave	0.7777	0.6076		0.0156	0.0200	-21.9*	20.0
Ethyl acetate	Ave	0.3889	0.2837		0.0292	0.0400	-27.1*	20.0
Propionitrile	Ave	0.0659	0.0513		0.156	0.200	-22.2*	20.0
Methacrylonitrile	Ave	0.2291	0.1772		0.155	0.200	-22.6*	20.0
Tert-amyl-methyl ether (TAME)	Ave	0.7931	0.6592		0.0166	0.0200	-16.9	20.0
n-Butanol	Ave	0.0151	0.0120		0.398	0.500	-20.3*	20.0
Ethyl acrylate	Ave	0.4649	0.3637		0.0156	0.0200	-21.8*	20.0
Methyl methacrylate	Ave	0.2995	0.2428		0.0324	0.0400	-18.9	20.0
2-Nitropropane	Ave	0.1276	0.0810		0.0254	0.0400	-36.5*	20.0
n-Butyl acetate	Ave	0.7114	0.5303		0.0149	0.0200	-25.4*	20.0
1-Chlorohexane	Ave	0.4860	0.3728		0.0153	0.0200	-23.3*	20.0
Cyclohexanone	Ave	0.0457	0.0367		0.161	0.200	-19.6	20.0
Pentachloroethane	Ave	0.0457	0.2039		0.178	0.0400	345.9*	20.0
1,2,3-Trimethylbenzene	Ave	2.621	2.131		0.0163	0.0200	-18.7	20.0
Benzyl chloride	Ave	0.3788	0.3343		0.0177	0.0200	-11.7	20.0
1,3,5-Trichlorobenzene	Ave	0.8615	0.7282		0.0169	0.0200	-15.5	20.0
2-Methylnaphthalene	Ave	1.008	0.8660		0.0343	0.0400	-14.1	20.0

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Lab File ID: BFB1528.D BFB Injection Date: 05/02/2022
 Instrument ID: A3UX9 BFB Injection Time: 09:40
 Analysis Batch No.: 524633

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	19.6	
75	30.0 - 60.0 % of mass 95	51.4	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.6	
173	Less than 2.0 % of mass 174	0.0	(0.0) 1
174	Greater than 50% of mass 95	85.7	
175	5.0 - 9.0 % of mass 174	6.7	(7.8) 1
176	95.0 - 101.0 % of mass 174	83.0	(96.8) 1
177	5.0 - 9.0 % of mass 176	6.0	(7.3) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 240-524633/3	UX001640.D	05/02/2022	10:07
	CCV 240-524633/4	UX001641.D	05/02/2022	10:31
	LCS 240-524633/5	UX001642.D	05/02/2022	10:56
	MB 240-524633/8	UX001645.D	05/02/2022	12:10
GSP-MW-23I-042722	240-165675-2	UX001646.D	05/02/2022	12:34
GSP-MW-23I-042722 MS	240-165675-2 MS	UX001647.D	05/02/2022	12:59
GSP-MW-23I-042722 MSD	240-165675-2 MSD	UX001648.D	05/02/2022	13:23

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Lab Sample ID: CCVIS 240-524633/3 Calibration Date: 05/02/2022 10:07
 Instrument ID: A3UX9 Calib Start Date: 03/21/2022 16:23
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 03/21/2022 18:50
 Lab File ID: UX001640.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.2978	0.3390	0.1000	0.0228	0.0200	13.8	20.0
Chloromethane	Ave	0.3182	0.2684	0.1000	0.0169	0.0200	-15.6	20.0
Vinyl chloride	Ave	0.3251	0.3051	0.1000	0.0188	0.0200	-6.2	20.0
Butadiene	Ave	0.2971	0.2782		0.0187	0.0200	-6.4	20.0
Bromomethane	Ave	0.2290	0.1199	0.0500	0.0105	0.0200	-47.6*	20.0
Chloroethane	Ave	0.2161	0.2363	0.0500	0.0219	0.0200	9.3	20.0
Dichlorofluoromethane	Ave	0.5199	0.5208		0.0200	0.0200	0.2	20.0
Trichlorofluoromethane	Ave	0.4129	0.4837	0.1000	0.0234	0.0200	17.1	20.0
Ethyl ether	Ave	0.2021	0.1880		0.0186	0.0200	-7.0	20.0
1,1,2-Trichloro-1,2,2-trichf luoroethane	Ave	0.2264	0.2329	0.0500	0.0206	0.0200	2.9	20.0
Acrolein	Ave	0.0682	0.0437		0.0641	0.100	-35.9*	20.0
1,1-Dichloroethene	Ave	0.3618	0.3420	0.1000	0.0189	0.0200	-5.5	20.0
Acetone	Lin1		0.0402	0.0100	0.0367	0.0400	-8.2	50.0
Iodomethane	Ave	0.2887	0.0728		0.00504	0.0200	-74.8*	20.0
Carbon disulfide	Ave	0.6884	0.6356	0.1000	0.0185	0.0200	-7.7	20.0
3-Chloro-1-propene	Ave	0.3999	0.3308		0.0165	0.0200	-17.3	20.0
Methyl acetate	Ave	0.3182	0.2607	0.1000	0.0328	0.0400	-18.1	50.0
Methylene Chloride	Ave	0.3290	0.2881	0.1000	0.0175	0.0200	-12.4	50.0
tert-Butyl alcohol	Ave	0.0642	0.0610		0.190	0.200	-5.0	20.0
Methyl-tert-butyl Ether (MTBE)	Ave	0.7977	0.7296	0.1000	0.0183	0.0200	-8.5	20.0
trans-1,2-Dichloroethene	Ave	0.3550	0.3193	0.1000	0.0180	0.0200	-10.0	20.0
Acrylonitrile	Ave	0.1544	0.1385		0.179	0.200	-10.3	20.0
Hexane	Ave	0.3320	0.2810		0.0169	0.0200	-15.4	20.0
1,1-Dichloroethane	Ave	0.4604	0.4313	0.2000	0.0187	0.0200	-6.3	20.0
Vinyl acetate	Ave	0.5240	0.4993		0.0191	0.0200	-4.7	20.0
2,2-Dichloropropane	Ave	0.4170	0.4117		0.0197	0.0200	-1.3	20.0
cis-1,2-Dichloroethene	Ave	0.2818	0.2721	0.1000	0.0193	0.0200	-3.4	20.0
2-Butanone	Ave	0.0617	0.0563	0.0100	0.0365	0.0400	-8.8	50.0
Bromochloromethane	Ave	0.2102	0.1976		0.0188	0.0200	-6.0	20.0
Tetrahydrofuran	Ave	0.1485	0.1265		0.0341	0.0400	-14.8	20.0
Chloroform	Ave	0.4513	0.4378	0.2000	0.0194	0.0200	-3.0	20.0
Cyclohexane	Ave	0.3969	0.3699	0.1000	0.0186	0.0200	-6.8	20.0
1,1,1-Trichloroethane	Ave	0.4061	0.3992	0.1000	0.0197	0.0200	-1.7	20.0
Carbon tetrachloride	Ave	0.3366	0.3287	0.1000	0.0195	0.0200	-2.4	20.0
1,1-Dichloropropene	Ave	0.3684	0.3523		0.0191	0.0200	-4.4	20.0
Isobutyl alcohol	Ave	0.0180	0.0182		0.504	0.500	0.8	20.0
Benzene	Ave	1.074	1.021	0.5000	0.0190	0.0200	-5.0	20.0
1,2-Dichloroethane	Ave	0.3597	0.3526	0.1000	0.0196	0.0200	-2.0	20.0
n-Heptane	Ave	0.1953	0.1617		0.0166	0.0200	-17.2	20.0
Trichloroethene	Ave	0.2794	0.2777	0.1500	0.0199	0.0200	-0.6	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Lab Sample ID: CCVIS 240-524633/3 Calibration Date: 05/02/2022 10:07
 Instrument ID: A3UX9 Calib Start Date: 03/21/2022 16:23
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 03/21/2022 18:50
 Lab File ID: UX001640.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methylcyclohexane	Ave	0.4055	0.3520	0.1000	0.0174	0.0200	-13.2	20.0
1,2-Dichloropropane	Ave	0.2587	0.2396	0.1000	0.0185	0.0200	-7.4	20.0
1,4-Dioxane	Ave	0.0051	0.0062		0.491	0.400	22.7	50.0
Dibromomethane	Ave	0.1701	0.1758		0.0207	0.0200	3.4	20.0
Bromodichloromethane	Ave	0.3359	0.3170	0.1500	0.0189	0.0200	-5.6	20.0
2-Chloroethyl vinyl ether	Ave	0.2072	0.1881		0.0363	0.0400	-9.2	20.0
cis-1,3-Dichloropropene	Ave	0.4370	0.4141	0.1500	0.0190	0.0200	-5.2	50.0
4-Methyl-2-pentanone	Ave	0.3982	0.3618	0.0500	0.0363	0.0400	-9.2	50.0
Toluene	Ave	1.577	1.423	0.4000	0.0181	0.0200	-9.7	20.0
trans-1,3-Dichloropropene	Ave	0.5503	0.4920	0.1000	0.0179	0.0200	-10.6	20.0
Ethyl methacrylate	Ave	0.5487	0.4722		0.0172	0.0200	-13.9	20.0
1,1,2-Trichloroethane	Ave	0.3183	0.2955	0.1000	0.0186	0.0200	-7.2	20.0
Tetrachloroethene	Ave	0.3614	0.3476	0.1500	0.0192	0.0200	-3.8	20.0
1,3-Dichloropropane	Ave	0.5744	0.5219		0.0182	0.0200	-9.1	20.0
2-Hexanone	Ave	0.4204	0.3582	0.0500	0.0341	0.0400	-14.8	50.0
Dibromochloromethane	Ave	0.3324	0.2882		0.0173	0.0200	-13.3	20.0
1,2-Dibromoethane	Ave	0.3439	0.3176		0.0185	0.0200	-7.6	20.0
Chlorobenzene	Ave	0.9772	0.9232	0.3000	0.0189	0.0200	-5.5	20.0
Ethylbenzene	Ave	0.5379	0.5061		0.0188	0.0200	-5.9	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3342	0.3099		0.0185	0.0200	-7.3	20.0
m-Xylene & p-Xylene	Ave	0.6805	0.6218		0.0183	0.0200	-8.6	20.0
o-Xylene	Ave	0.6482	0.5877		0.0181	0.0200	-9.3	20.0
Styrene	Ave	1.110	1.046	0.3000	0.0188	0.0200	-5.8	20.0
Bromoform	Ave	0.2529	0.2083	0.1000	0.0165	0.0200	-17.6	20.0
Isopropylbenzene	Ave	1.670	1.498	0.1000	0.0179	0.0200	-10.3	20.0
Bromobenzene	Ave	0.7857	0.7410		0.0189	0.0200	-5.7	20.0
1,1,2,2-Tetrachloroethane	Ave	0.9796	0.9026	0.3000	0.0184	0.0200	-7.9	20.0
n-Propylbenzene	Ave	0.8769	0.7729		0.0176	0.0200	-11.9	20.0
1,2,3-Trichloropropane	Ave	0.3516	0.3201		0.0182	0.0200	-8.9	20.0
trans-1,4-Dichloro-2-butene	Ave	0.3960	0.3445		0.0174	0.0200	-13.0	20.0
2-Chlorotoluene	Ave	0.7409	0.7055		0.0190	0.0200	-4.8	20.0
1,3,5-Trimethylbenzene	Ave	2.605	2.272		0.0174	0.0200	-12.8	20.0
4-Chlorotoluene	Ave	0.7929	0.7512		0.0189	0.0200	-5.3	20.0
tert-Butylbenzene	Ave	2.197	1.881		0.0171	0.0200	-14.4	20.0
1,2,4-Trimethylbenzene	Ave	2.659	2.317		0.0174	0.0200	-12.8	20.0
sec-Butylbenzene	Ave	0.6440	0.5648		0.0175	0.0200	-12.3	20.0
1,3-Dichlorobenzene	Ave	1.464	1.363	0.6000	0.0186	0.0200	-6.9	20.0
p-Isopropyltoluene	Ave	2.692	2.303		0.0171	0.0200	-14.4	20.0
1,4-Dichlorobenzene	Ave	1.499	1.390	0.5000	0.0185	0.0200	-7.3	20.0
n-Butylbenzene	Ave	2.276	1.924		0.0169	0.0200	-15.5	20.0
1,2-Dichlorobenzene	Ave	1.383	1.309	0.4000	0.0189	0.0200	-5.3	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Lab Sample ID: CCVIS 240-524633/3 Calibration Date: 05/02/2022 10:07
 Instrument ID: A3UX9 Calib Start Date: 03/21/2022 16:23
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 03/21/2022 18:50
 Lab File ID: UX001640.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dibromo-3-Chloropropane	Ave	0.3090	0.2611	0.0500	0.0169	0.0200	-15.5	50.0
1,2,4-Trichlorobenzene	Ave	0.8158	0.6812	0.2000	0.0167	0.0200	-16.5	50.0
Hexachlorobutadiene	Ave	0.3467	0.3022		0.0174	0.0200	-12.8	50.0
Naphthalene	Ave	2.649	2.387		0.0180	0.0200	-9.9	50.0
1,2,3-Trichlorobenzene	Ave	0.7728	0.6628		0.0172	0.0200	-14.2	20.0
Dibromofluoromethane (Surr)	Ave	0.2333	0.2296		0.0221	0.0225	-1.6	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2976	0.2807		0.0212	0.0225	-5.7	20.0
Toluene-d8 (Surr)	Ave	1.298	1.205		0.0208	0.0225	-7.2	20.0
4-Bromofluorobenzene (Surr)	Ave	0.5013	0.4737		0.0212	0.0225	-5.5	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Lab Sample ID: CCV 240-524633/4 Calibration Date: 05/02/2022 10:31
 Instrument ID: A3UX9 Calib Start Date: 03/21/2022 20:28
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 03/21/2022 22:30
 Lab File ID: UX001641.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Acetonitrile	Ave	0.0590	0.0450		0.153	0.200	-23.7*	20.0
Diisopropyl ether	Ave	0.2206	0.1861		0.0169	0.0200	-15.6	20.0
2-Chloro-1,3-butadiene	Ave	0.4122	0.3429		0.0166	0.0200	-16.8	20.0
Ethyl tert-Butyl Ether (ETBE)	Ave	0.7777	0.6513		0.0167	0.0200	-16.3	20.0
Ethyl acetate	Ave	0.3889	0.3071		0.0316	0.0400	-21.0*	20.0
Propionitrile	Ave	0.0659	0.0558		0.169	0.200	-15.3	20.0
Methacrylonitrile	Ave	0.2291	0.1887		0.165	0.200	-17.6	20.0
Tert-amyl-methyl ether (TAME)	Ave	0.7931	0.7029		0.0177	0.0200	-11.4	20.0
n-Butanol	Ave	0.0151	0.0139		0.462	0.500	-7.6	20.0
Ethyl acrylate	Ave	0.4649	0.3923		0.0169	0.0200	-15.6	20.0
Methyl methacrylate	Ave	0.2995	0.2543		0.0340	0.0400	-15.1	20.0
2-Nitropropane	Ave	0.1276	0.0861		0.0270	0.0400	-32.5*	20.0
n-Butyl acetate	Ave	0.7114	0.5545		0.0156	0.0200	-22.0*	20.0
1-Chlorohexane	Ave	0.4860	0.3870		0.0159	0.0200	-20.4*	20.0
Cyclohexanone	Ave	0.0457	0.0434		0.190	0.200	-4.9	20.0
Pentachloroethane	Ave	0.0457	0.2088		0.183	0.0400	356.7*	20.0
1,2,3-Trimethylbenzene	Ave	2.621	2.209		0.0169	0.0200	-15.7	20.0
Benzyl chloride	Ave	0.3788	0.3564		0.0188	0.0200	-5.9	20.0
1,3,5-Trichlorobenzene	Ave	0.8615	0.7467		0.0173	0.0200	-13.3	20.0
2-Methylnaphthalene	Ave	1.008	0.8980		0.0356	0.0400	-11.0	20.0

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Sample No.: ICIS 240-523289/13 Date Analyzed: 04/20/2022 14:18
 Instrument ID: A3UX12 GC Column: DB-624 ID: 0.18 (mm)
 Lab File ID (Standard): u1290140.D Heated Purge: (Y/N) N
 Calibration ID: 65337

	FB		CBNZd5		DCBd4	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT	982001	5.97	695322	8.48	361187	10.61
UPPER LIMIT	1964002	6.47	1390644	8.98	722374	11.11
LOWER LIMIT	491001	5.47	347661	7.98	180594	10.11
LAB SAMPLE ID	CLIENT SAMPLE ID					
ICV 240-523289/17	1055545	5.97	745467	8.48	384846	10.60
ICV 240-523289/27	972898	5.96	735781	8.48	344209	10.60
CCVIS 240-525559/4	798355	5.96	616994	8.48	321226	10.60

FB = Fluorobenzene

CBNZd5 = Chlorobenzene-d5

DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area

RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Sample No.: CCVIS 240-525559/4 Date Analyzed: 05/09/2022 09:37
 Instrument ID: A3UX12 GC Column: DB-624 ID: 0.18 (mm)
 Lab File ID (Standard): u1290465.D Heated Purge: (Y/N) N
 Calibration ID: 65341

	FB		CBNZd5		DCBd4		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD	798355	5.96	616994	8.48	321226	10.60	
UPPER LIMIT	1596710	6.46	1233988	8.98	642452	11.10	
LOWER LIMIT	399178	5.46	308497	7.98	160613	10.10	
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 240-525559/5	780983	5.96	598460	8.48	317824	10.60	
MB 240-525559/8	865201	5.96	662833	8.48	322861	10.60	
240-165824-1	TB-042822	833514	5.96	621244	8.48	300073	10.60
240-165824-2	GSP-MW-32S-042822	743376	5.96	576374	8.48	282986	10.60
240-165824-3	GSP-MW-32D-042822	753887	5.96	573678	8.48	278289	10.60
240-165824-5	GSP-MW-28-042822	849885	5.97	654202	8.48	339953	10.60
240-165824-2	GSP-MW-32S-042822	689337	5.96	531473	8.48	259474	10.61

FB = Fluorobenzene

CBNZd5 = Chlorobenzene-d5

DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area

RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Sample No.: ICIS 240-520496/13 Date Analyzed: 03/22/2022 14:51
 Instrument ID: A3UX19 GC Column: DB-624 ID: 0.18 (mm)
 Lab File ID (Standard): U1926567.D Heated Purge: (Y/N) N
 Calibration ID: 64995

	FB		CBNZd5		DCBd4	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT	888737	5.89	676884	8.40	361108	10.53
UPPER LIMIT	1777474	6.39	1353768	8.90	722216	11.03
LOWER LIMIT	444369	5.39	338442	7.90	180554	10.03
LAB SAMPLE ID	CLIENT SAMPLE ID					
ICV 240-520496/17	973247	5.89	742543	8.40	379641	10.53
CCVIS 240-524182/4	641915	5.89	514984	8.40	265951	10.53

FB = Fluorobenzene
 CBNZd5 = Chlorobenzene-d5
 DCBd4 = 1,4-Dichlorobenzene-d4
 Area Limit = 50%-200% of internal standard area
 RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Sample No.: CCVIS 240-524182/4 Date Analyzed: 04/27/2022 10:55
 Instrument ID: A3UX19 GC Column: DB-624 ID: 0.18 (mm)
 Lab File ID (Standard): U1927126.D Heated Purge: (Y/N) N
 Calibration ID: 64995

	FB		CBNZd5		DCBd4		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD	641915	5.89	514984	8.40	265951	10.53	
UPPER LIMIT	1283830	6.39	1029968	8.90	531902	11.03	
LOWER LIMIT	320958	5.39	257492	7.90	132976	10.03	
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 240-524182/5	628922	5.89	509002	8.40	269207	10.53	
MB 240-524182/8	592739	5.89	477241	8.40	233927	10.53	
240-165545-1	TB-042522	561302	5.89	453018	8.40	227071	10.53
240-165545-4	GSP-MW-31-042522	542403	5.89	435426	8.40	215532	10.53

FB = Fluorobenzene
 CBNZd5 = Chlorobenzene-d5
 DCBd4 = 1,4-Dichlorobenzene-d4
 Area Limit = 50%-200% of internal standard area
 RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Sample No.: ICIS 240-520426/11 Date Analyzed: 03/21/2022 17:37
 Instrument ID: A3UX9 GC Column: DB-624 ID: 0.18 (mm)
 Lab File ID (Standard): UX000687.D Heated Purge: (Y/N) N
 Calibration ID: 64948

	FB		CBNZd5		DCBd4		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
INITIAL CALIBRATION MID-POINT	1212936	5.47	915546	8.31	480108	10.70	
UPPER LIMIT	2425872	5.97	1831092	8.81	960216	11.20	
LOWER LIMIT	606468	4.97	457773	7.81	240054	10.20	
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 240-520426/15		1229695	5.47	935165	8.31	478393	10.70
ICV 240-520426/24		1213231	5.48	936646	8.31	476165	10.70
CCVIS 240-524313/3		869320	5.47	711394	8.31	383902	10.70
CCVIS 240-524475/3		922664	5.47	756532	8.31	407927	10.69
CCVIS 240-524633/3		898443	5.47	727553	8.31	390170	10.69

FB = Fluorobenzene

CBNZd5 = Chlorobenzene-d5

DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area

RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Sample No.: CCVIS 240-524313/3 Date Analyzed: 04/28/2022 09:32
 Instrument ID: A3UX9 GC Column: DB-624 ID: 0.18 (mm)
 Lab File ID (Standard): UX001584.D Heated Purge: (Y/N) N
 Calibration ID: 64952

	FB		CBNZd5		DCBd4		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD	869320	5.47	711394	8.31	383902	10.70	
UPPER LIMIT	1738640	5.97	1422788	8.81	767804	11.20	
LOWER LIMIT	434660	4.97	355697	7.81	191951	10.20	
LAB SAMPLE ID	CLIENT SAMPLE ID						
CCV 240-524313/4	894244	5.47	703918	8.31	358511	10.70	
LCS 240-524313/5	920852	5.47	740432	8.31	397562	10.69	
MB 240-524313/8	815459	5.47	657309	8.31	337105	10.70	
240-165585-1	TB-042622	819241	5.47	658936	8.31	336139	10.69
240-165585-2	GSP-MW-04-042622	798055	5.47	629908	8.31	320423	10.69
240-165585-6	GSP-DUP01-042622	812473	5.47	650822	8.31	336267	10.69

FB = Fluorobenzene
 FB = Fluorobenzene
 CBNZd5 = Chlorobenzene-d5
 CBNZd5 = Chlorobenzene-d5
 Area Limit = 50%-200% of internal standard area
 DCBd4 = 1,4-Dichlorobenzene-d4
 RT Limit = ± 0.5 minutes of internal standard RT
 DCBd4 = 1,4-Dichlorobenzene-d4

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Sample No.: CCVIS 240-524475/3 Date Analyzed: 04/29/2022 11:04
 Instrument ID: A3UX9 GC Column: DB-624 ID: 0.18 (mm)
 Lab File ID (Standard): UX001611.D Heated Purge: (Y/N) N
 Calibration ID: 64952

	FB		CBNZd5		DCBd4		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD	922664	5.47	756532	8.31	407927	10.69	
UPPER LIMIT	1845328	5.97	1513064	8.81	815854	11.19	
LOWER LIMIT	461332	4.97	378266	7.81	203964	10.19	
LAB SAMPLE ID	CLIENT SAMPLE ID						
CCV 240-524475/4		952409	5.47	749197	8.31	371039	10.70
LCS 240-524475/5		954972	5.47	768048	8.30	417712	10.69
MB 240-524475/8		855523	5.47	695876	8.31	358529	10.69
240-165675-1	TB-042722	853137	5.47	692882	8.31	350288	10.69
240-165675-2	GSP-MW-23I-042722	864094	5.47	698017	8.31	362073	10.70
240-165675-2 MS	GSP-MW-23I-042722 MS	912879	5.47	747021	8.31	394899	10.69
240-165675-2 MSD	GSP-MW-23I-042722 MSD	944065	5.47	755117	8.31	399542	10.70
240-165675-3	GSP-MW-07-042722	896370	5.47	736296	8.31	381198	10.69
240-165675-4	GSP-MW-13-042722	863381	5.47	719677	8.31	364676	10.69

FB = Fluorobenzene
 FB = Fluorobenzene
 CBNZd5 = Chlorobenzene-d5
 DCBd4 = 1,4-Dichlorobenzene-d4
 Area Limit = 50%-200% of internal standard area
 DCBd4 = 1,4-Dichlorobenzene-d4
 RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Sample No.: CCVIS 240-524633/3 Date Analyzed: 05/02/2022 10:07
 Instrument ID: A3UX9 GC Column: DB-624 ID: 0.18 (mm)
 Lab File ID (Standard): UX001640.D Heated Purge: (Y/N) N
 Calibration ID: 64952

	FB		CBNZd5		DCBd4		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD	898443	5.47	727553	8.31	390170	10.69	
UPPER LIMIT	1796886	5.97	1455106	8.81	780340	11.19	
LOWER LIMIT	449222	4.97	363777	7.81	195085	10.19	
LAB SAMPLE ID	CLIENT SAMPLE ID						
CCV 240-524633/4		930066	5.47	731296	8.31	363497	10.69
LCS 240-524633/5		939531	5.47	751955	8.31	395573	10.69
MB 240-524633/8		837594	5.47	674672	8.31	347744	10.69
240-165675-2	GSP-MW-23I-042722	825262	5.47	666359	8.30	332949	10.69
240-165675-2 MS	GSP-MW-23I-042722 MS	910994	5.47	732760	8.31	393780	10.69
240-165675-2 MSD	GSP-MW-23I-042722 MSD	930156	5.47	749033	8.31	400231	10.70

FB = Fluorobenzene
 FB = Fluorobenzene
 CBNZd5 = Chlorobenzene-d5
 CBNZd5 = Chlorobenzene-d5
 Area Limit = 50%-200% of internal standard area
 DCBd4 = 1,4-Dichlorobenzene-d4
 RT Limit = ± 0.5 minutes of internal standard RT
 DCBd4 = 1,4-Dichlorobenzene-d4

Column used to flag values outside QC limits

Method RSK-175

Dissolved Gases (GC) by Method
RSK_175

FORM II
GC VOA SURROGATE RECOVERY

Lab Name: Eurofins Canton

Job No.: 240-165545-1

SDG No.: _____

Matrix: Water

Level: Low

GC Column (1): HP-PLOT/Q ID: 0.53 (mm)

Client Sample ID	Lab Sample ID	TFE1 #
GSP-MW-32S-042822	240-165824-2	106
GSP-MW-32D-042822	240-165824-3	106
	MB 240-524954/3	109
	LCS 240-524954/4	108
	LCSD 240-524954/5	108

TFE = 1,1,1-Trifluoroethane

QC LIMITS
60-140

Column to be used to flag recovery values

FORM II RSK-175

FORM III
GC VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: Z0503004.D
 Lab ID: LCS 240-524954/4 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Methane	284	299	105	80-120	
Ethane	537	550	102	80-120	
Ethylene	506	522	103	80-120	

Column to be used to flag recovery and RPD values

FORM III
GC VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: Z0503005.D
 Lab ID: LCSD 240-524954/5 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Methane	284	293	103	2	35	80-120	
Ethane	537	541	101	2	35	80-120	
Ethylene	506	514	102	2	35	80-120	

Column to be used to flag recovery and RPD values

FORM IV
GC VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Lab Sample ID: MB 240-524954/3
 Matrix: Water Date Extracted: _____
 Lab File ID: (1) Z0503003.D Lab File ID: (2) _____
 Date Analyzed: (1) 05/03/2022 15:24 Date Analyzed: (2) _____
 Instrument ID: (1) ZPID Instrument ID: (2) _____
 GC Column: (1) HP-PLOT/Q ID: 0.53 (mm) GC Column: (2) _____ ID: _____

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	LCS 240-524954/4	05/03/2022 15:41	
	LCSD 240-524954/5	05/03/2022 15:59	
GSP-MW-32S-042822	240-165824-2	05/03/2022 17:07	
GSP-MW-32D-042822	240-165824-3	05/03/2022 17:24	

FORM I
GC VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 240-524954/3
 Matrix: Water Lab File ID: Z0503003.D
 Analysis Method: RSK-175 Date Collected: _____
 Sample wt/vol: 23 (mL) Date Analyzed: 05/03/2022 15:24
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: HP-PLOT/Q ID: 0.53 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 524954 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-82-8	Methane	0.17	U	1.0	0.17
74-84-0	Ethane	0.29	U	1.0	0.29
74-85-1	Ethylene	0.27	U	1.0	0.27

CAS NO.	SURROGATE	%REC	Q	LIMITS
420-46-2	1,1,1-Trifluoroethane	109		60-140

FORM VIII
GC VOA ANALYTICAL SEQUENCE

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Sample No.: STD 240-523693/7 Date Analyzed: 04/22/2022 14:27
 Instrument ID: ZPID GC Column: HP-PLOT/Q ID: 0.53 (mm)
 Lab File ID (Standard): Z0422007.D Heated Purge: (Y/N) N
 Calibration ID: 65433

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSS IS GIVEN BELOW:

				TFE		
				RT #		
INITIAL CALIBRATION SURROGATE				3.22		
UPPER LIMIT				3.27		
LOWER LIMIT				3.17		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
STD 240-523693/7 ICRT		04/22/2022 14:27	Z0422007.D	3.22		
ICV 240-523693/11		04/22/2022 15:36	Z0422011.D	3.21		

TFE = 1,1,1-Trifluoroethane

TFE RT Limit = ± 0.05 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII
GC VOA ANALYTICAL SEQUENCE

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Sample No.: CCVRT 240-524954/2 Date Analyzed: 05/03/2022 15:07
 Instrument ID: ZPID GC Column: HP-PLOT/Q ID: 0.53 (mm)
 Lab File ID (Standard): Z0503002.D Heated Purge: (Y/N) N
 Calibration ID: 65433

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSS IS GIVEN BELOW:

				TFE		
				RT #		
CONTINUING CALIBRATION SURROGATE				3.22		
UPPER LIMIT				3.27		
LOWER LIMIT				3.17		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 240-524954/2		05/03/2022 15:07	Z0503002.D	3.22		
MB 240-524954/3		05/03/2022 15:24	Z0503003.D	3.22		
LCS 240-524954/4		05/03/2022 15:41	Z0503004.D	3.22		
LCSD 240-524954/5		05/03/2022 15:59	Z0503005.D	3.22		
240-165824-2	GSP-MW-32S-042822	05/03/2022 17:07	Z0503009.D	3.22		
240-165824-3	GSP-MW-32D-042822	05/03/2022 17:24	Z0503010.D	3.21		
CCV 240-524954/14		05/03/2022 18:32	Z0503014.D	3.22		

TFE = 1,1,1-Trifluoroethane

TFE RT Limit = ± 0.05 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VI
GC VOA BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
RETENTION TIME SUMMARY

Lab Name: Eurofins Canton Job No.: 240-165545-1 Analy Batch No.: 523693

SDG No.: _____

Instrument ID: ZPID GC Column: HP-PLOT/Q ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/22/2022 13:19 Calibration End Date: 04/22/2022 15:01 Calibration ID: 65433

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 240-523693/3	Z0422003.D
Level 2	STD 240-523693/4	Z0422004.D
Level 3	STD 240-523693/5	Z0422005.D
Level 4	STD 240-523693/6	Z0422006.D
Level 5	STD 240-523693/7	Z0422007.D
Level 6	STD 240-523693/8	Z0422008.D
Level 7	STD 240-523693/9	Z0422009.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6	LVL 7				RT WINDOW	AVG RT
Methane	1.118	1.117	1.117	1.117	1.116	1.116	1.115				1.066 - 1.166	1.117
Ethylene	1.791	1.789	1.789	1.788	1.788	1.788	1.784				1.738 - 1.838	1.788
Acetylene	1.886	1.886	1.885	1.885	1.885	1.884	1.882				1.835 - 1.935	1.885
Ethane	2.106	2.106	2.105	2.105	2.105	2.104	2.099				2.055 - 2.155	2.104
Propene	4.218	4.216	4.215	4.215	4.213	4.213	4.195				4.163 - 4.263	4.212
Propane	4.446	4.444	4.444	4.443	4.443	4.441	4.422				4.393 - 4.493	4.440
Isobutane	6.486	6.487	6.487	6.487	6.485	6.483	6.457				6.385 - 6.585	6.482
Butane	6.705	6.699	6.702	6.702	6.700	6.698	6.670				6.600 - 6.800	6.697
1-Butene	6.943	6.946	6.944	6.945	6.943	6.939	6.912				6.843 - 7.043	6.939
Pentane	9.058	9.056	9.055	9.057	9.055	9.051	9.019				8.955 - 9.155	9.050
1,1,1-Trifluoroethane	3.220	3.219	3.219	3.217	3.216	3.213					3.166 - 3.266	3.217

FORM VI
GC VOA BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Canton Job No.: 240-165545-1 Analy Batch No.: 523693

SDG No.: _____

Instrument ID: ZPID GC Column: HP-PLOT/Q ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/22/2022 13:19 Calibration End Date: 04/22/2022 15:01 Calibration ID: 65433

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 240-523693/3	Z0422003.D
Level 2	STD 240-523693/4	Z0422004.D
Level 3	STD 240-523693/5	Z0422005.D
Level 4	STD 240-523693/6	Z0422006.D
Level 5	STD 240-523693/7	Z0422007.D
Level 6	STD 240-523693/8	Z0422008.D
Level 7	STD 240-523693/9	Z0422009.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3 LVL 7	LVL 4		B	M1	M2								
Methane	15542 7623.7	11324 8008.0	8045.9 7817.4	7698.7	Lin1	2016.2051 7	7828.0573 6							1.0000		0.9950
Ethylene	7934.7 7096.6	6749.2 7164.7	6807.8 7009.0	6788.8	Ave		7078.6922 0			5.8			20.0			
Acetylene	6519.1 5981.8	5658.0 5981.5	5620.5 5882.7	5628.5	Ave		5896.0247 4			5.4			30.0			
Ethane	8358.6 7261.2	7216.9 7384.2	6935.6 7240.0	6936.4	Ave		7333.2648 1			6.6			20.0			
Propene	8103.9 6628.6	6072.4 6734.4	6244.3 6605.4	6384.0	Ave		6681.8525 9			10.0			30.0			
Propane	8043.6 7435.5	6746.7 7463.6	6971.0 7333.9	7133.4	Ave		7303.9556 7			5.7			20.0			
Isobutane	6120.8 7111.5	6274.5 7247.0	6881.3 7076.5	6922.4	Ave		6804.8531 7			6.4			30.0			
Butane	7022.9 6347.1	6154.8 6589.5	6345.7 6428.5	6265.3	Ave		6450.5373 1			4.4			30.0			
1-Butene	8707.1 7735.1	7733.4 7910.2	7455.7 7616.1	7447.2	Ave		7800.6886 4			5.5			30.0			
Pentane	7565.5 6435.2	6643.9 6914.2	6000.5 6540.4	6240.0	Ave		6619.9626 3			7.7			30.0			
1,1,1-Trifluoroethane	3307.8 3515.2	3474.7 3454.4	3548.2	3502.4	Ave		3467.1144 7			2.4			30.0			

Note: The M1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC VOA BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Canton Job No.: 240-165545-1 Analy Batch No.: 523693

SDG No.: _____

Instrument ID: ZPID GC Column: HP-PLOT/Q ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/22/2022 13:19 Calibration End Date: 04/22/2022 15:01 Calibration ID: 65433

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 240-523693/3	Z0422003.D
Level 2	STD 240-523693/4	Z0422004.D
Level 3	STD 240-523693/5	Z0422005.D
Level 4	STD 240-523693/6	Z0422006.D
Level 5	STD 240-523693/7	Z0422007.D
Level 6	STD 240-523693/8	Z0422008.D
Level 7	STD 240-523693/9	Z0422009.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Methane	Lin1	4541 3410343	6617 33292099	23508	78728	779610	0.292 426	0.584 4259	2.92	10.2	102
Ethylene	Ave	4026 5441311	6849 53230389	34542	120560	1260265	0.507 759	1.01 7595	5.07	17.8	178
Acetylene	Ave	3081 4134281	5348 40659585	26563	93103	989474	0.473 691	0.945 6912	4.73	16.5	165
Ethane	Ave	4510 5947505	7788 58313533	37422	130992	1371255	0.540 805	1.08 8054	5.40	18.9	189
Propene	Ave	6159 7571814	9230 74267135	47457	169814	1763199	0.760 1124	1.52 11243	7.60	26.6	266
Propane	Ave	6323 8886671	10607 87322305	54798	196262	2045738	0.786 1191	1.57 11907	7.86	27.5	275
Isobutane	Ave	6693 11267022	13722 110019198	75245	264933	2721705	1.09 1555	2.19 15547	10.9	38.3	383
Butane	Ave	7374 10229387	12925 99793399	66630	230251	2332562	1.05 1552	2.10 15524	10.5	36.8	368
1-Butene	Ave	8567 11797680	15218 113591305	73358	256458	2663741	0.984 1491	1.97 14915	9.84	34.4	344
Pentane	Ave	9674 13539943	16991 128080022	76728	279269	2880026	1.28 1958	2.56 19583	12.8	44.8	448
1,1,1-Trifluoroethane	Ave	990385 38784757	1560506	2655905	9175525	18417998	299 11228	449	749	2620	5240

Curve Type Legend

Ave = Average
Lin1 = Linear 1/conc

FORM VII
GC VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Lab Sample ID: ICV 240-523693/11 Calibration Date: 04/22/2022 15:36
 Instrument ID: ZPID Calib Start Date: 04/22/2022 13:19
 GC Column: HP-PLOT/Q ID: 0.53 (mm) Calib End Date: 04/22/2022 15:01
 Lab File ID: Z0422011.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methane	Lin1		7997		290	284	2.1	20.0
Ethylene	Ave	7079	7168		513	506	1.3	20.0
Acetylene	Ave	5896	6011		470	461	2.0	30.0
Ethane	Ave	7333	7385		541	537	0.7	20.0
Propene	Ave	6682	6733		755	750	0.8	30.0
Propane	Ave	7304	7516		810	787	2.9	20.0
Isobutane	Ave	6805	7219		1100	1040	6.1	30.0
Butane	Ave	6451	6529		1050	1030	1.2	30.0
1-Butene	Ave	7801	7771		992	996	-0.4	30.0
Pentane	Ave	6620	6754		1330	1310	2.0	30.0
1,1,1-Trifluoroethane	Ave	3467	3696		9850	9240	6.6	30.0

FORM VII
GC VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Lab Sample ID: ICV 240-523693/11 Calibration Date: 04/22/2022 15:36
 Instrument ID: ZPID Calib Start Date: 04/22/2022 13:19
 GC Column: HP-PLOT/Q ID: 0.53 (mm) Calib End Date: 04/22/2022 15:01
 Lab File ID: Z0422011.D Heated Purge: (Y/N) N

Analyte	RT	RT WINDOW	
		FROM	TO
Methane	1.12	1.07	1.17
Ethylene	1.79	1.74	1.84
Acetylene	1.88	1.84	1.94
Ethane	2.10	2.06	2.16
Propene	4.21	4.16	4.26
Propane	4.44	4.39	4.49
Isobutane	6.48	6.39	6.59
Butane	6.70	6.60	6.80
1-Butene	6.94	6.84	7.04
Pentane	9.05	8.96	9.16
1,1,1-Trifluoroethane	3.21	3.17	3.27

FORM VII
GC VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Lab Sample ID: CCVRT 240-524954/2 Calibration Date: 05/03/2022 15:07
 Instrument ID: ZPID Calib Start Date: 04/22/2022 13:19
 GC Column: HP-PLOT/Q ID: 0.53 (mm) Calib End Date: 04/22/2022 15:01
 Lab File ID: Z0503002.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methane	Lin1		8048		292	284	2.7	20.0
Ethylene	Ave	7079	7104		508	506	0.4	20.0
Acetylene	Ave	5896	6063		474	461	2.8	30.0
Ethane	Ave	7333	7296		534	537	-0.5	20.0
Propene	Ave	6682	6424		721	750	-3.9	30.0
Propane	Ave	7304	7256		789	794	-0.7	20.0
Isobutane	Ave	6805	6972		1060	1040	2.5	30.0
Butane	Ave	6451	5891		945	1030	-8.7	30.0
1-Butene	Ave	7801	6997		892	994	-10.3	30.0
Pentane	Ave	6620	5359		1060	1310	-19.0	30.0
1,1,1-Trifluoroethane	Ave	3467	3777		10100	9240	8.9	20.0

FORM VII
GC VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Lab Sample ID: CCVRT 240-524954/2 Calibration Date: 05/03/2022 15:07
 Instrument ID: ZPID Calib Start Date: 04/22/2022 13:19
 GC Column: HP-PLOT/Q ID: 0.53 (mm) Calib End Date: 04/22/2022 15:01
 Lab File ID: Z0503002.D Heated Purge: (Y/N) N

Analyte	RT	RT WINDOW	
		FROM	TO
Methane	1.12	1.07	1.17
Ethylene	1.79	1.74	1.84
Acetylene	1.89	1.84	1.94
Ethane	2.11	2.06	2.16
Propene	4.22	4.17	4.27
Propane	4.45	4.40	4.50
Isobutane	6.49	6.39	6.59
Butane	6.71	6.61	6.81
1-Butene	6.95	6.85	7.05
Pentane	9.06	8.96	9.16
1,1,1-Trifluoroethane	3.22	3.17	3.27

FORM VII
GC VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Lab Sample ID: CCV 240-524954/14 Calibration Date: 05/03/2022 18:32
 Instrument ID: ZPID Calib Start Date: 04/22/2022 13:19
 GC Column: HP-PLOT/Q ID: 0.53 (mm) Calib End Date: 04/22/2022 15:01
 Lab File ID: Z0503014.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methane	Lin1		8248		299	284	5.3	20.0
Ethylene	Ave	7079	7289		521	506	3.0	20.0
Acetylene	Ave	5896	6262		489	461	6.2	30.0
Ethane	Ave	7333	7497		549	537	2.2	20.0
Propene	Ave	6682	6597		740	750	-1.3	30.0
Propane	Ave	7304	7441		809	794	1.9	20.0
Isobutane	Ave	6805	7171		1090	1040	5.4	30.0
Butane	Ave	6451	6058		972	1030	-6.1	30.0
1-Butene	Ave	7801	7192		917	994	-7.8	30.0
Pentane	Ave	6620	5531		1090	1310	-16.5	30.0
1,1,1-Trifluoroethane	Ave	3467	3796		10100	9240	9.5	20.0

FORM VII
GC VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Lab Sample ID: CCV 240-524954/14 Calibration Date: 05/03/2022 18:32
 Instrument ID: ZPID Calib Start Date: 04/22/2022 13:19
 GC Column: HP-PLOT/Q ID: 0.53 (mm) Calib End Date: 04/22/2022 15:01
 Lab File ID: Z0503014.D Heated Purge: (Y/N) N

Analyte	RT	RT WINDOW	
		FROM	TO
Methane	1.12	1.07	1.17
Ethylene	1.79	1.74	1.84
Acetylene	1.89	1.84	1.94
Ethane	2.11	2.06	2.16
Propene	4.22	4.17	4.27
Propane	4.45	4.40	4.50
Isobutane	6.49	6.39	6.59
Butane	6.70	6.61	6.81
1-Butene	6.95	6.85	7.05
Pentane	9.06	8.96	9.16
1,1,1-Trifluoroethane	3.22	3.17	3.27

GC VOA ANALYSIS RUN LOG

Lab Name: Eurofins Canton Job No.: 240-165545-1

SDG No.: _____

Instrument ID: ZPID Start Date: 04/22/2022 13:19Analysis Batch Number: 523693 End Date: 04/22/2022 15:36

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
STD 240-523693/3 IC		04/22/2022 13:19	1	Z0422003.D	HP-PLOT/Q 0.53 (mm)
STD 240-523693/4 IC		04/22/2022 13:36	1	Z0422004.D	HP-PLOT/Q 0.53 (mm)
STD 240-523693/5 IC		04/22/2022 13:53	1	Z0422005.D	HP-PLOT/Q 0.53 (mm)
STD 240-523693/6 IC		04/22/2022 14:10	1	Z0422006.D	HP-PLOT/Q 0.53 (mm)
STD 240-523693/7 ICRT		04/22/2022 14:27	1	Z0422007.D	HP-PLOT/Q 0.53 (mm)
STD 240-523693/8 IC		04/22/2022 14:44	1	Z0422008.D	HP-PLOT/Q 0.53 (mm)
STD 240-523693/9 IC		04/22/2022 15:01	1	Z0422009.D	HP-PLOT/Q 0.53 (mm)
ICV 240-523693/11		04/22/2022 15:36	1	Z0422011.D	HP-PLOT/Q 0.53 (mm)

GC VOA ANALYSIS RUN LOG

Lab Name: Eurofins Canton

Job No.: 240-165545-1

SDG No.:

Instrument ID: ZPID

Start Date: 05/03/2022 15:07

Analysis Batch Number: 524954

End Date: 05/03/2022 21:07

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVRT 240-524954/2		05/03/2022 15:07	1	Z0503002.D	HP-PLOT/Q 0.53 (mm)
MB 240-524954/3		05/03/2022 15:24	1	Z0503003.D	HP-PLOT/Q 0.53 (mm)
LCS 240-524954/4		05/03/2022 15:41	1	Z0503004.D	HP-PLOT/Q 0.53 (mm)
LCSD 240-524954/5		05/03/2022 15:59	1	Z0503005.D	HP-PLOT/Q 0.53 (mm)
ZZZZZ		05/03/2022 16:16	1		HP-PLOT/Q 0.53 (mm)
ZZZZZ		05/03/2022 16:33	1		HP-PLOT/Q 0.53 (mm)
ZZZZZ		05/03/2022 16:50	1		HP-PLOT/Q 0.53 (mm)
240-165824-2	GSP-MW-32S-042822	05/03/2022 17:07	1	Z0503009.D	HP-PLOT/Q 0.53 (mm)
240-165824-3	GSP-MW-32D-042822	05/03/2022 17:24	1	Z0503010.D	HP-PLOT/Q 0.53 (mm)
ZZZZZ		05/03/2022 17:41	1		HP-PLOT/Q 0.53 (mm)
ZZZZZ		05/03/2022 17:58	1		HP-PLOT/Q 0.53 (mm)
ZZZZZ		05/03/2022 18:15	1		HP-PLOT/Q 0.53 (mm)
CCV 240-524954/14		05/03/2022 18:32	1	Z0503014.D	HP-PLOT/Q 0.53 (mm)
ZZZZZ		05/03/2022 18:49	1		HP-PLOT/Q 0.53 (mm)
ZZZZZ		05/03/2022 19:06	1		HP-PLOT/Q 0.53 (mm)
ZZZZZ		05/03/2022 19:24	1		HP-PLOT/Q 0.53 (mm)
ZZZZZ		05/03/2022 19:41	1		HP-PLOT/Q 0.53 (mm)
ZZZZZ		05/03/2022 19:58	1		HP-PLOT/Q 0.53 (mm)
ZZZZZ		05/03/2022 20:15	1		HP-PLOT/Q 0.53 (mm)
ZZZZZ		05/03/2022 20:32	1		HP-PLOT/Q 0.53 (mm)
ZZZZZ		05/03/2022 20:49	1		HP-PLOT/Q 0.53 (mm)
CCV 240-524954/23		05/03/2022 21:07	1		HP-PLOT/Q 0.53 (mm)

GC VOA BATCH WORKSHEET

Lab Name: Eurofins Canton Job No.: 240-165545-1

SDG No.: _____

Batch Number: 524954 Batch Start Date: 05/03/22 15:07 Batch Analyst: Nestor, Jeffrey B

Batch Method: RSK-175 Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	SARSK2NDSRCE2 00003	SARSKHighCal2 00004	SARSKSURR 00014
CCVRT 240-524954/2		RSK-175		23 mL	23 mL	7 SU		1 mL	19 mL
MB 240-524954/3		RSK-175		23 mL	23 mL	7 SU			20 mL
LCS 240-524954/4		RSK-175		23 mL	23 mL	7 SU	1 mL		19 mL
LCS 240-524954/5		RSK-175		23 mL	23 mL	7 SU	1 mL		19 mL
240-165824-F-2	GSP-MW-32S-04282 2	RSK-175	T	23 mL	23 mL	<2 SU			20 mL
240-165824-F-3	GSP-MW-32D-04282 2	RSK-175	T	23 mL	23 mL	<2 SU			20 mL
CCV 240-524954/14		RSK-175		23 mL	23 mL	7 SU		1 mL	19 mL

Batch Notes	
pH Paper ID	5675567

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8015D_DRO

Diesel Range Organics (DRO) (GC)

FORM II
DIESEL RANGE ORGANICS SURROGATE RECOVERY

Lab Name: Eurofins Canton

Job No.: 240-165545-1

SDG No.: _____

Matrix: Water

Level: Low

GC Column (1): Rxi-5HT ID: 0.53 (mm)

Client Sample ID	Lab Sample ID	OTPH #
GSP-MW-29-042522	240-165545-2	144 S1+
GSP-MW-27-042522	240-165545-3	143 S1+
GSP-MW-04-042622	240-165585-2	72
GSP-MW-20-042622	240-165585-3	21 S1-
GSP-MW-20-042622 RE	240-165585-3 RE	62
GSP-MW-05-042622	240-165585-4	76
GSP-MW-06-042622	240-165585-5	69
GSP-DUP01-042622	240-165585-6	76
GSP-MW-30-042822	240-165824-4	64
	MB 240-524642/13-A	78
	MB 240-525295/4-A	85
	LCS 240-524642/14-A	78
	LCS 240-525295/5-A	94

OTPH = o-Terphenyl (Surr)

QC LIMITS
52-121

Column to be used to flag recovery values

FORM II 8015D

FORM III
DIESEL RANGE ORGANICS LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: R0050311.D
 Lab ID: LCS 240-524642/14-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Diesel	2000	1400	70	56-120	

Column to be used to flag recovery and RPD values
 FORM III 8015D

FORM III
DIESEL RANGE ORGANICS LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: R0050611.D
 Lab ID: LCS 240-525295/5-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Diesel	2000	1680	84	56-120	

Column to be used to flag recovery and RPD values
FORM III 8015D

FORM IV
DIESEL RANGE ORGANICS METHOD BLANK SUMMARY

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Lab File ID: R0050310.D Lab Sample ID: MB 240-524642/13-A
 Matrix: Water Date Extracted: 05/02/2022 09:11
 Instrument ID: A2HP14R Date Analyzed: 05/03/2022 17:36
 Level: (Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
GSP-MW-29-042522	240-165545-2	F0050305.D	05/03/2022 15:13
GSP-MW-06-042622	240-165585-5	R0050305.D	05/03/2022 15:13
GSP-MW-27-042522	240-165545-3	F0050306.D	05/03/2022 15:42
GSP-DUP01-042622	240-165585-6	R0050306.D	05/03/2022 15:42
GSP-MW-04-042622	240-165585-2	F0050309.D	05/03/2022 17:07
GSP-MW-20-042622	240-165585-3	F0050310.D	05/03/2022 17:36
GSP-MW-05-042622	240-165585-4	F0050311.D	05/03/2022 18:05
	LCS 240-524642/14-A	R0050311.D	05/03/2022 18:05

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 240-524642/13-A
 Matrix: Water Lab File ID: R0050310.D
 Analysis Method: 8015D Date Collected: _____
 Extraction Method: 3510C LVI Date Extracted: 05/02/2022 09:11
 Sample wt/vol: 250 (mL) Date Analyzed: 05/03/2022 17:36
 Con. Extract Vol.: 5 (mL) Dilution Factor: 1
 Injection Volume: 1 (uL) GC Column: Rxi-5HT ID: 0.53 (mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 524846 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00141	DRO (C10-C32)	230	U	500	230

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl (Surr)	78		52-121

FORM IV
DIESEL RANGE ORGANICS METHOD BLANK SUMMARY

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Lab File ID: R0050610.D Lab Sample ID: MB 240-525295/4-A
 Matrix: Water Date Extracted: 05/05/2022 11:43
 Instrument ID: A2HP14R Date Analyzed: 05/06/2022 15:41
 Level: (Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
GSP-MW-30-042822	240-165824-4	F0050609.D	05/06/2022 15:12
GSP-MW-20-042622 RE	240-165585-3 RE	R0050609.D	05/06/2022 15:12
	LCS 240-525295/5-A	R0050611.D	05/06/2022 16:09

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 240-525295/4-A
 Matrix: Water Lab File ID: R0050610.D
 Analysis Method: 8015D Date Collected: _____
 Extraction Method: 3510C LVI Date Extracted: 05/05/2022 11:43
 Sample wt/vol: 250 (mL) Date Analyzed: 05/06/2022 15:41
 Con. Extract Vol.: 5 (mL) Dilution Factor: 1
 Injection Volume: 1 (uL) GC Column: Rxi-5HT ID: 0.53 (mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 525429 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00141	DRO (C10-C32)	230	U	500	230

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl (Surr)	85		52-121

FORM VIII
DIESEL RANGE ORGANICS ANALYTICAL SEQUENCE

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Sample No.: STD3 240-519294/6 Date Analyzed: 03/07/2022 17:41
 Instrument ID: A2HP14F GC Column: Rxi-5HT ID: 0.53 (mm)
 Lab File ID (Standard): F0030706.D Heated Purge: (Y/N) N
 Calibration ID: 64834

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSS IS GIVEN BELOW:

				OTPH		
				RT #		
INITIAL CALIBRATION SURROGATE				8.75		
UPPER LIMIT				8.85		
LOWER LIMIT				8.65		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
STD3 240-519294/6 ICRT		03/07/2022 17:41	F0030706.D	8.75		

OTPH = o-Terphenyl

OTPH RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII
DIESEL RANGE ORGANICS ANALYTICAL SEQUENCE

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Sample No.: CCVRT 240-524844/4 Date Analyzed: 05/03/2022 12:23
 Instrument ID: A2HP14F GC Column: Rxi-5HT ID: 0.53 (mm)
 Lab File ID (Standard): F0050304.D Heated Purge: (Y/N) N
 Calibration ID: 64834

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSS IS GIVEN BELOW:

				OTPH		
				RT #		
CONTINUING CALIBRATION SURROGATE				8.74		
UPPER LIMIT				8.84		
LOWER LIMIT				8.64		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 240-524844/4		05/03/2022 12:23	F0050304.D	8.74		
240-165545-2	GSP-MW-29-042522	05/03/2022 15:13	F0050305.D	8.74		
240-165545-3	GSP-MW-27-042522	05/03/2022 15:42	F0050306.D	8.74		
240-165585-2	GSP-MW-04-042622	05/03/2022 17:07	F0050309.D	8.74		
240-165585-3	GSP-MW-20-042622	05/03/2022 17:36	F0050310.D	8.74		
240-165585-4	GSP-MW-05-042622	05/03/2022 18:05	F0050311.D	8.74		
CCV 240-524844/12		05/03/2022 18:33	F0050312.D	8.74		

OTPH = o-Terphenyl

OTPH RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII
DIESEL RANGE ORGANICS ANALYTICAL SEQUENCE

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Sample No.: CCVRT 240-525427/4 Date Analyzed: 05/06/2022 11:37
 Instrument ID: A2HP14F GC Column: Rxi-5HT ID: 0.53 (mm)
 Lab File ID (Standard): F0050604.D Heated Purge: (Y/N) N
 Calibration ID: 64834

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSS IS GIVEN BELOW:

				OTPH		
				RT #		
CONTINUING CALIBRATION SURROGATE				8.74		
UPPER LIMIT				8.84		
LOWER LIMIT				8.64		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 240-525427/4		05/06/2022 11:37	F0050604.D	8.74		
CCV 240-525427/8		05/06/2022 13:32	F0050608.D	8.74		
240-165824-4	GSP-MW-30-042822	05/06/2022 15:12	F0050609.D	8.74		
CCV 240-525427/11		05/06/2022 16:09	F0050611.D	8.74		

OTPH = o-Terphenyl

OTPH RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII
DIESEL RANGE ORGANICS ANALYTICAL SEQUENCE

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Sample No.: STD3 240-519296/6 Date Analyzed: 03/07/2022 17:41
 Instrument ID: A2HP14R GC Column: Rxi-5HT ID: 0.53 (mm)
 Lab File ID (Standard): R0030706.D Heated Purge: (Y/N) N
 Calibration ID: 64836

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSS IS GIVEN BELOW:

				OTPH		
				RT #		
INITIAL CALIBRATION SURROGATE				8.68		
UPPER LIMIT				8.78		
LOWER LIMIT				8.58		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
STD3 240-519296/6 ICRT		03/07/2022 17:41	R0030706.D	8.68		

OTPH = o-Terphenyl

OTPH RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII
DIESEL RANGE ORGANICS ANALYTICAL SEQUENCE

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Sample No.: CCVRT 240-524846/4 Date Analyzed: 05/03/2022 12:23
 Instrument ID: A2HP14R GC Column: Rxi-5HT ID: 0.53 (mm)
 Lab File ID (Standard): R0050304.D Heated Purge: (Y/N) N
 Calibration ID: 64836

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSS IS GIVEN BELOW:

				OTPH		
				RT #		
CONTINUING CALIBRATION SURROGATE				8.67		
UPPER LIMIT				8.77		
LOWER LIMIT				8.57		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 240-524846/4		05/03/2022 12:23	R0050304.D	8.67		
240-165585-5	GSP-MW-06-042622	05/03/2022 15:13	R0050305.D	8.67		
240-165585-6	GSP-DUP01-042622	05/03/2022 15:42	R0050306.D	8.67		
MB 240-524642/13-A		05/03/2022 17:36	R0050310.D	8.67		
LCS 240-524642/14-A		05/03/2022 18:05	R0050311.D	8.67		
CCV 240-524846/12		05/03/2022 18:33	R0050312.D	8.67		

OTPH = o-Terphenyl

OTPH RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII
DIESEL RANGE ORGANICS ANALYTICAL SEQUENCE

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Sample No.: CCVRT 240-525429/4 Date Analyzed: 05/06/2022 11:37
 Instrument ID: A2HP14R GC Column: Rxi-5HT ID: 0.53 (mm)
 Lab File ID (Standard): R0050604.D Heated Purge: (Y/N) N
 Calibration ID: 65590

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSS IS GIVEN BELOW:

				OTPH		
				RT #		
CONTINUING CALIBRATION SURROGATE				8.67		
UPPER LIMIT				8.77		
LOWER LIMIT				8.57		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 240-525429/4		05/06/2022 11:37	R0050604.D	8.67		
CCV 240-525429/7		05/06/2022 13:03	R0050607.D	8.67		
240-165585-3 RE	GSP-MW-20-042622 RE	05/06/2022 15:12	R0050609.D	8.67		
MB 240-525295/4-A		05/06/2022 15:41	R0050610.D	8.67		
LCS 240-525295/5-A		05/06/2022 16:09	R0050611.D	8.67		
CCV 240-525429/12		05/06/2022 16:38	R0050612.D	8.67		

OTPH = o-Terphenyl

OTPH RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VI
 DIESEL RANGE ORGANICS BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
 RETENTION TIME SUMMARY

Lab Name: Eurofins Canton Job No.: 240-165545-1 Analy Batch No.: 519294

SDG No.: _____

Instrument ID: A2HP14F GC Column: Rxi-5HT ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/07/2022 16:44 Calibration End Date: 03/07/2022 18:38 Calibration ID: 64834

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 240-519294/4	F0030704.D
Level 2	STD2 240-519294/5	F0030705.D
Level 3	STD3 240-519294/6	F0030706.D
Level 4	STD4 240-519294/7	F0030707.D
Level 5	STD5 240-519294/8	F0030708.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
Diesel	8.089	8.089	8.089	8.089	8.089						4.042 - 12.137	8.089
o-Terphenyl (Surr)	8.743	8.744	8.746	8.749	8.754						8.643 - 8.843	8.747

FORM VI
DIESEL RANGE ORGANICS BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Canton Job No.: 240-165545-1 Analy Batch No.: 519294

SDG No.: _____

Instrument ID: A2HP14F GC Column: Rxi-5HT ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/07/2022 16:44 Calibration End Date: 03/07/2022 18:38 Calibration ID: 64834

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 240-519294/4	F0030704.D
Level 2	STD2 240-519294/5	F0030705.D
Level 3	STD3 240-519294/6	F0030706.D
Level 4	STD4 240-519294/7	F0030707.D
Level 5	STD5 240-519294/8	F0030708.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
Diesel	785071 863940	787523	833374	851171	Ave		824215.83 1			4.4			20.0			
o-Terphenyl (Surr)	950619 1099043	964838	1042011	1071484	Ave		1025598.9 8			6.4			20.0			

Note: The M1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
DIESEL RANGE ORGANICS BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Canton Job No.: 240-165545-1 Analy Batch No.: 519294

SDG No.: _____

Instrument ID: A2HP14F GC Column: Rxi-5HT ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/07/2022 16:44 Calibration End Date: 03/07/2022 18:38 Calibration ID: 64834

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 240-519294/4	F0030704.D
Level 2	STD2 240-519294/5	F0030705.D
Level 3	STD3 240-519294/6	F0030706.D
Level 4	STD4 240-519294/7	F0030707.D
Level 5	STD5 240-519294/8	F0030708.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
		LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
Diesel	Ave	15701415	31500933	83337419	170234125	345576105	20.0	40.0	100	200	400
o-Terphenyl (Surr)	Ave	1520990	3087482	8336086	17143748	35169377	1.60	3.20	8.00	16.0	32.0

Curve Type Legend

Ave = Average

FORM VI
 DIESEL RANGE ORGANICS BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
 RETENTION TIME SUMMARY

Lab Name: Eurofins Canton Job No.: 240-165545-1 Analy Batch No.: 519296

SDG No.: _____

Instrument ID: A2HP14R GC Column: Rxi-5HT ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/07/2022 16:44 Calibration End Date: 03/07/2022 18:38 Calibration ID: 64836

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 240-519296/4	R0030704.D
Level 2	STD2 240-519296/5	R0030705.D
Level 3	STD3 240-519296/6	R0030706.D
Level 4	STD4 240-519296/7	R0030707.D
Level 5	STD5 240-519296/8	R0030708.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
Diesel	7.987	7.987	7.987	7.987	7.987						3.938 - 12.037	7.987
o-Terphenyl (Surr)	8.677	8.678	8.679	8.681	8.686						8.577 - 8.777	8.680

FORM VI
DIESEL RANGE ORGANICS BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Canton Job No.: 240-165545-1 Analy Batch No.: 519296

SDG No.: _____

Instrument ID: A2HP14R GC Column: Rxi-5HT ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/07/2022 16:44 Calibration End Date: 03/07/2022 18:38 Calibration ID: 64836

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 240-519296/4	R0030704.D
Level 2	STD2 240-519296/5	R0030705.D
Level 3	STD3 240-519296/6	R0030706.D
Level 4	STD4 240-519296/7	R0030707.D
Level 5	STD5 240-519296/8	R0030708.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
Diesel	967731 896523	933196	913298	937294	Ave		929608.33 9			2.9		20.0				
o-Terphenyl (Surr)	974344 1078166	1031199	1051900	1122544	Ave		1051630.6 4			5.2		20.0				

Note: The M1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
DIESEL RANGE ORGANICS BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Canton Job No.: 240-165545-1 Analy Batch No.: 519296

SDG No.: _____

Instrument ID: A2HP14R GC Column: Rxi-5HT ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/07/2022 16:44 Calibration End Date: 03/07/2022 18:38 Calibration ID: 64836

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 240-519296/4	R0030704.D
Level 2	STD2 240-519296/5	R0030705.D
Level 3	STD3 240-519296/6	R0030706.D
Level 4	STD4 240-519296/7	R0030707.D
Level 5	STD5 240-519296/8	R0030708.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
		LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
Diesel	Ave	19354620	37327828	91329766	187458890	358609153	20.0	40.0	100	200	400
o-Terphenyl (Surr)	Ave	1558951	3299838	8415199	17960705	34501296	1.60	3.20	8.00	16.0	32.0

Curve Type Legend

Ave = Average

FORM VI
 DIESEL RANGE ORGANICS BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
 RETENTION TIME SUMMARY

Lab Name: Eurofins Canton Job No.: 240-165545-1 Analy Batch No.: 525244

SDG No.: _____

Instrument ID: A2HP14R GC Column: Rxi-5HT ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/05/2022 11:39 Calibration End Date: 05/05/2022 15:44 Calibration ID: 65590

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 240-525244/4	R0050504.D
Level 2	STD2 240-525244/5	R0050505.D
Level 3	STD3 240-525244/6	R0050506.D
Level 4	STD4 240-525244/7	R0050507.D
Level 5	STD5 240-525244/8	R0050508.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
Diesel	7.979	7.979	7.979	7.979	7.979						3.932 - 12.026	7.979
o-Terphenyl (Surr)	8.671	8.671	8.672	8.674	8.678						8.571 - 8.771	8.673

FORM VI
DIESEL RANGE ORGANICS BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Canton Job No.: 240-165545-1 Analy Batch No.: 525244

SDG No.: _____

Instrument ID: A2HP14R GC Column: Rxi-5HT ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/05/2022 11:39 Calibration End Date: 05/05/2022 15:44 Calibration ID: 65590

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 240-525244/4	R0050504.D
Level 2	STD2 240-525244/5	R0050505.D
Level 3	STD3 240-525244/6	R0050506.D
Level 4	STD4 240-525244/7	R0050507.D
Level 5	STD5 240-525244/8	R0050508.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
Diesel	862253 835814	859803	851169	834467	Ave		848701.15 0			1.5		20.0				
o-Terphenyl (Surr)	900257 1013917	958117	999616	995112	Ave		973403.91 3			4.7		20.0				

Note: The M1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
DIESEL RANGE ORGANICS BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Canton Job No.: 240-165545-1 Analy Batch No.: 525244

SDG No.: _____

Instrument ID: A2HP14R GC Column: Rxi-5HT ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/05/2022 11:39 Calibration End Date: 05/05/2022 15:44 Calibration ID: 65590

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 240-525244/4	R0050504.D
Level 2	STD2 240-525244/5	R0050505.D
Level 3	STD3 240-525244/6	R0050506.D
Level 4	STD4 240-525244/7	R0050507.D
Level 5	STD5 240-525244/8	R0050508.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
		I _{VL} 1	I _{VL} 2	I _{VL} 3	I _{VL} 4	I _{VL} 5	I _{VL} 1	I _{VL} 2	I _{VL} 3	I _{VL} 4	I _{VL} 5
Diesel	Ave	17245059	34392104	85116907	166893461	334325530	20.0	40.0	100	200	400
o-Terphenyl (Surr)	Ave	1440411	3065975	7996926	15921799	32445354	1.60	3.20	8.00	16.0	32.0

Curve Type Legend

Ave = Average

FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Lab Sample ID: ICV 240-519294/9 Calibration Date: 03/07/2022 19:06
 Instrument ID: A2HP14F Calib Start Date: 03/07/2022 16:44
 GC Column: Rxi-5HT ID: 0.53 (mm) Calib End Date: 03/07/2022 18:38
 Lab File ID: F0030709.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diesel	Ave	824216	828701		101000	100000	0.5	20.0

FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Lab Sample ID: ICV 240-519294/9 Calibration Date: 03/07/2022 19:06
 Instrument ID: A2HP14F Calib Start Date: 03/07/2022 16:44
 GC Column: Rxi-5HT ID: 0.53 (mm) Calib End Date: 03/07/2022 18:38
 Lab File ID: F0030709.D

Analyte	RT	RT WINDOW	
		FROM	TO
Diesel	8.09	4.04	12.14

FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Lab Sample ID: CCVRT 240-524844/4 Calibration Date: 05/03/2022 12:23
 Instrument ID: A2HP14F Calib Start Date: 03/07/2022 16:44
 GC Column: Rxi-5HT ID: 0.53 (mm) Calib End Date: 03/07/2022 18:38
 Lab File ID: F0050304.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diesel	Ave	824216	849097		103000	100000	3.0	20.0
o-Terphenyl (Surr)	Ave	1025599	1068455		8330	8000	4.2	20.0

FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Lab Sample ID: CCVRT 240-524844/4 Calibration Date: 05/03/2022 12:23
 Instrument ID: A2HP14F Calib Start Date: 03/07/2022 16:44
 GC Column: Rxi-5HT ID: 0.53 (mm) Calib End Date: 03/07/2022 18:38
 Lab File ID: F0050304.D

Analyte	RT	RT WINDOW	
		FROM	TO
Diesel	8.09	4.04	12.13
o-Terphenyl (Surr)	8.74	8.64	8.84

FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Lab Sample ID: CCV 240-524844/12 Calibration Date: 05/03/2022 18:33
 Instrument ID: A2HP14F Calib Start Date: 03/07/2022 16:44
 GC Column: Rxi-5HT ID: 0.53 (mm) Calib End Date: 03/07/2022 18:38
 Lab File ID: F0050312.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diesel	Ave	824216	811823		98500	100000	-1.5	20.0
o-Terphenyl (Surr)	Ave	1025599	1016558		7930	8000	-0.9	20.0

FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Lab Sample ID: CCV 240-524844/12 Calibration Date: 05/03/2022 18:33
 Instrument ID: A2HP14F Calib Start Date: 03/07/2022 16:44
 GC Column: Rxi-5HT ID: 0.53 (mm) Calib End Date: 03/07/2022 18:38
 Lab File ID: F0050312.D

Analyte	RT	RT WINDOW	
		FROM	TO
Diesel	8.09	4.04	12.13
o-Terphenyl (Surr)	8.74	8.64	8.84

FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Lab Sample ID: CCVRT 240-525427/4 Calibration Date: 05/06/2022 11:37
 Instrument ID: A2HP14F Calib Start Date: 03/07/2022 16:44
 GC Column: Rxi-5HT ID: 0.53 (mm) Calib End Date: 03/07/2022 18:38
 Lab File ID: F0050604.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diesel	Ave	824216	729448		88500	100000	-11.5	20.0
o-Terphenyl (Surr)	Ave	1025599	886723		6920	8000	-13.5	20.0

FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Lab Sample ID: CCVRT 240-525427/4 Calibration Date: 05/06/2022 11:37
 Instrument ID: A2HP14F Calib Start Date: 03/07/2022 16:44
 GC Column: Rxi-5HT ID: 0.53 (mm) Calib End Date: 03/07/2022 18:38
 Lab File ID: F0050604.D

Analyte	RT	RT WINDOW	
		FROM	TO
Diesel	8.08	4.02	12.13
o-Terphenyl (Surr)	8.74	8.64	8.84

FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Lab Sample ID: CCV 240-525427/8 Calibration Date: 05/06/2022 13:32
 Instrument ID: A2HP14F Calib Start Date: 03/07/2022 16:44
 GC Column: Rxi-5HT ID: 0.53 (mm) Calib End Date: 03/07/2022 18:38
 Lab File ID: F0050608.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diesel	Ave	824216	744193		90300	100000	-9.7	20.0
o-Terphenyl (Surr)	Ave	1025599	905958		7070	8000	-11.7	20.0

FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Lab Sample ID: CCV 240-525427/8 Calibration Date: 05/06/2022 13:32
 Instrument ID: A2HP14F Calib Start Date: 03/07/2022 16:44
 GC Column: Rxi-5HT ID: 0.53 (mm) Calib End Date: 03/07/2022 18:38
 Lab File ID: F0050608.D

Analyte	RT	RT WINDOW	
		FROM	TO
Diesel	8.08	4.02	12.13
o-Terphenyl (Surr)	8.74	8.64	8.84

FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Lab Sample ID: CCV 240-525427/11 Calibration Date: 05/06/2022 16:09
 Instrument ID: A2HP14F Calib Start Date: 03/07/2022 16:44
 GC Column: Rxi-5HT ID: 0.53 (mm) Calib End Date: 03/07/2022 18:38
 Lab File ID: F0050611.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diesel	Ave	824216	774503		94000	100000	-6.0	20.0
o-Terphenyl (Surr)	Ave	1025599	940332		7330	8000	-8.3	20.0

FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Lab Sample ID: CCV 240-525427/11 Calibration Date: 05/06/2022 16:09
 Instrument ID: A2HP14F Calib Start Date: 03/07/2022 16:44
 GC Column: Rxi-5HT ID: 0.53 (mm) Calib End Date: 03/07/2022 18:38
 Lab File ID: F0050611.D

Analyte	RT	RT WINDOW	
		FROM	TO
Diesel	8.08	4.02	12.13
o-Terphenyl (Surr)	8.74	8.64	8.84

FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Lab Sample ID: ICV 240-519296/9 Calibration Date: 03/07/2022 19:06
 Instrument ID: A2HP14R Calib Start Date: 03/07/2022 16:44
 GC Column: Rxi-5HT ID: 0.53 (mm) Calib End Date: 03/07/2022 18:38
 Lab File ID: R0030709.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diesel	Ave	929608	922126		99200	100000	-0.8	20.0

FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Lab Sample ID: ICV 240-519296/9 Calibration Date: 03/07/2022 19:06
 Instrument ID: A2HP14R Calib Start Date: 03/07/2022 16:44
 GC Column: Rxi-5HT ID: 0.53 (mm) Calib End Date: 03/07/2022 18:38
 Lab File ID: R0030709.D

Analyte	RT	RT WINDOW	
		FROM	TO
Diesel	7.99	3.94	12.04

FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Lab Sample ID: CCVRT 240-524846/4 Calibration Date: 05/03/2022 12:23
 Instrument ID: A2HP14R Calib Start Date: 03/07/2022 16:44
 GC Column: Rxi-5HT ID: 0.53 (mm) Calib End Date: 03/07/2022 18:38
 Lab File ID: R0050304.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diesel	Ave	929608	874839		94100	100000	-5.9	20.0
o-Terphenyl (Surr)	Ave	1051631	991202		7540	8000	-5.7	20.0

FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Lab Sample ID: CCVRT 240-524846/4 Calibration Date: 05/03/2022 12:23
 Instrument ID: A2HP14R Calib Start Date: 03/07/2022 16:44
 GC Column: Rxi-5HT ID: 0.53 (mm) Calib End Date: 03/07/2022 18:38
 Lab File ID: R0050304.D

Analyte	RT	RT WINDOW	
		FROM	TO
Diesel	7.98	3.94	12.03
o-Terphenyl (Surr)	8.67	8.57	8.77

FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Lab Sample ID: CCV 240-524846/12 Calibration Date: 05/03/2022 18:33
 Instrument ID: A2HP14R Calib Start Date: 03/07/2022 16:44
 GC Column: Rxi-5HT ID: 0.53 (mm) Calib End Date: 03/07/2022 18:38
 Lab File ID: R0050312.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diesel	Ave	929608	933670		100000	100000	0.4	20.0
o-Terphenyl (Surr)	Ave	1051631	1063729		8090	8000	1.2	20.0

FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Lab Sample ID: CCV 240-524846/12 Calibration Date: 05/03/2022 18:33
 Instrument ID: A2HP14R Calib Start Date: 03/07/2022 16:44
 GC Column: Rxi-5HT ID: 0.53 (mm) Calib End Date: 03/07/2022 18:38
 Lab File ID: R0050312.D

Analyte	RT	RT WINDOW	
		FROM	TO
Diesel	7.98	3.94	12.03
o-Terphenyl (Surr)	8.67	8.57	8.77

FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Lab Sample ID: ICV 240-525244/9 Calibration Date: 05/05/2022 16:13
 Instrument ID: A2HP14R Calib Start Date: 05/05/2022 11:39
 GC Column: Rxi-5HT ID: 0.53 (mm) Calib End Date: 05/05/2022 15:44
 Lab File ID: R0050509.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diesel	Ave	848701	786139		92600	100000	-7.4	20.0

FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Lab Sample ID: ICV 240-525244/9 Calibration Date: 05/05/2022 16:13
 Instrument ID: A2HP14R Calib Start Date: 05/05/2022 11:39
 GC Column: Rxi-5HT ID: 0.53 (mm) Calib End Date: 05/05/2022 15:44
 Lab File ID: R0050509.D

Analyte	RT	RT WINDOW	
		FROM	TO
Diesel	7.98	3.93	12.03

FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Lab Sample ID: CCVRT 240-525429/4 Calibration Date: 05/06/2022 11:37
 Instrument ID: A2HP14R Calib Start Date: 05/05/2022 11:39
 GC Column: Rxi-5HT ID: 0.53 (mm) Calib End Date: 05/05/2022 15:44
 Lab File ID: R0050604.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diesel	Ave	848701	816313		96200	100000	-3.8	20.0
o-Terphenyl (Surr)	Ave	973404	943186		7750	8000	-3.1	20.0

FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Lab Sample ID: CCVRT 240-525429/4 Calibration Date: 05/06/2022 11:37
 Instrument ID: A2HP14R Calib Start Date: 05/05/2022 11:39
 GC Column: Rxi-5HT ID: 0.53 (mm) Calib End Date: 05/05/2022 15:44
 Lab File ID: R0050604.D

Analyte	RT	RT WINDOW	
		FROM	TO
Diesel	7.98	3.93	12.03
o-Terphenyl (Surr)	8.67	8.57	8.77

FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Lab Sample ID: CCV 240-525429/7 Calibration Date: 05/06/2022 13:03
 Instrument ID: A2HP14R Calib Start Date: 05/05/2022 11:39
 GC Column: Rxi-5HT ID: 0.53 (mm) Calib End Date: 05/05/2022 15:44
 Lab File ID: R0050607.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diesel	Ave	848701	897124		106000	100000	5.7	20.0
o-Terphenyl (Surr)	Ave	973404	1029184		8460	8000	5.7	20.0

FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Lab Sample ID: CCV 240-525429/7 Calibration Date: 05/06/2022 13:03
 Instrument ID: A2HP14R Calib Start Date: 05/05/2022 11:39
 GC Column: Rxi-5HT ID: 0.53 (mm) Calib End Date: 05/05/2022 15:44
 Lab File ID: R0050607.D

Analyte	RT	RT WINDOW	
		FROM	TO
Diesel	7.98	3.93	12.03
o-Terphenyl (Surr)	8.67	8.57	8.77

FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Lab Sample ID: CCV 240-525429/12 Calibration Date: 05/06/2022 16:38
 Instrument ID: A2HP14R Calib Start Date: 05/05/2022 11:39
 GC Column: Rxi-5HT ID: 0.53 (mm) Calib End Date: 05/05/2022 15:44
 Lab File ID: R0050612.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diesel	Ave	848701	937860		111000	100000	10.5	20.0
o-Terphenyl (Surr)	Ave	973404	1064073		8750	8000	9.3	20.0

FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Lab Sample ID: CCV 240-525429/12 Calibration Date: 05/06/2022 16:38
 Instrument ID: A2HP14R Calib Start Date: 05/05/2022 11:39
 GC Column: Rxi-5HT ID: 0.53 (mm) Calib End Date: 05/05/2022 15:44
 Lab File ID: R0050612.D

Analyte	RT	RT WINDOW	
		FROM	TO
Diesel	7.98	3.93	12.03
o-Terphenyl (Surr)	8.67	8.57	8.77

FORM VII
DIESEL RANGE ORGANICS RETENTION TIME CALIBRATION SUMMARY

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Lab Sample ID: RTC 240-524844/3 Date Analyzed: 05/03/2022 11:54
 Instrument ID: A2HP14F GC Column: Rxi-5HT ID: 0.53 (mm)
 Lab File ID: F0050303.D

Analyte	RT	RT WINDOW	
		FROM	TO
Diesel	8.09	4.04	12.13

FORM VII
DIESEL RANGE ORGANICS RETENTION TIME CALIBRATION SUMMARY

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Lab Sample ID: RTC 240-525427/3 Date Analyzed: 05/06/2022 11:08
 Instrument ID: A2HP14F GC Column: Rxi-5HT ID: 0.53 (mm)
 Lab File ID: F0050603.D

Analyte	RT	RT WINDOW	
		FROM	TO
Diesel	8.08	4.02	12.13

FORM VII
DIESEL RANGE ORGANICS RETENTION TIME CALIBRATION SUMMARY

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____
 Lab Sample ID: RTC 240-524846/3 Date Analyzed: 05/03/2022 11:54
 Instrument ID: A2HP14R GC Column: Rxi-5HT ID: 0.53 (mm)
 Lab File ID: R0050303.D

Analyte	RT	RT WINDOW	
		FROM	TO
Diesel	7.98	3.94	12.03

FORM VII
DIESEL RANGE ORGANICS RETENTION TIME CALIBRATION SUMMARY

Lab Name: Eurofins Canton Job No.: 240-165545-1
SDG No.: _____
Lab Sample ID: RTC 240-525429/3 Date Analyzed: 05/06/2022 11:08
Instrument ID: A2HP14R GC Column: Rxi-5HT ID: 0.53 (mm)
Lab File ID: R0050603.D

Analyte	RT	RT WINDOW	
		FROM	TO
Diesel	7.98	3.93	12.03

DIESEL RANGE ORGANICS ANALYSIS RUN LOG

Lab Name: Eurofins Canton Job No.: 240-165545-1

SDG No.: _____

Instrument ID: A2HP14F Start Date: 03/07/2022 16:15

Analysis Batch Number: 519294 End Date: 03/07/2022 19:06

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
RTC 240-519294/3		03/07/2022 16:15	1		Rxi-5HT 0.53 (mm)
STD1 240-519294/4 IC		03/07/2022 16:44	1	F0030704.D	Rxi-5HT 0.53 (mm)
STD2 240-519294/5 IC		03/07/2022 17:12	1	F0030705.D	Rxi-5HT 0.53 (mm)
STD3 240-519294/6 ICRT		03/07/2022 17:41	1	F0030706.D	Rxi-5HT 0.53 (mm)
STD4 240-519294/7 IC		03/07/2022 18:09	1	F0030707.D	Rxi-5HT 0.53 (mm)
STD5 240-519294/8 IC		03/07/2022 18:38	1	F0030708.D	Rxi-5HT 0.53 (mm)
ICV 240-519294/9		03/07/2022 19:06	1	F0030709.D	Rxi-5HT 0.53 (mm)

DIESEL RANGE ORGANICS ANALYSIS RUN LOG

Lab Name: Eurofins Canton Job No.: 240-165545-1

SDG No.: _____

Instrument ID: A2HP14R Start Date: 03/07/2022 16:15

Analysis Batch Number: 519296 End Date: 03/07/2022 19:06

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
RTC 240-519296/3		03/07/2022 16:15	1		Rxi-5HT 0.53 (mm)
STD1 240-519296/4 IC		03/07/2022 16:44	1	R0030704.D	Rxi-5HT 0.53 (mm)
STD2 240-519296/5 IC		03/07/2022 17:12	1	R0030705.D	Rxi-5HT 0.53 (mm)
STD3 240-519296/6 ICRT		03/07/2022 17:41	1	R0030706.D	Rxi-5HT 0.53 (mm)
STD4 240-519296/7 IC		03/07/2022 18:09	1	R0030707.D	Rxi-5HT 0.53 (mm)
STD5 240-519296/8 IC		03/07/2022 18:38	1	R0030708.D	Rxi-5HT 0.53 (mm)
ICV 240-519296/9		03/07/2022 19:06	1	R0030709.D	Rxi-5HT 0.53 (mm)

DIESEL RANGE ORGANICS ANALYSIS RUN LOG

Lab Name: Eurofins Canton Job No.: 240-165545-1

SDG No.: _____

Instrument ID: A2HP14F Start Date: 05/03/2022 11:54

Analysis Batch Number: 524844 End Date: 05/03/2022 18:33

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
RTC 240-524844/3		05/03/2022 11:54	1	F0050303.D	Rxi-5HT 0.53 (mm)
CCVRT 240-524844/4		05/03/2022 12:23	1	F0050304.D	Rxi-5HT 0.53 (mm)
240-165545-2	GSP-MW-29-042522	05/03/2022 15:13	1	F0050305.D	Rxi-5HT 0.53 (mm)
240-165545-3	GSP-MW-27-042522	05/03/2022 15:42	1	F0050306.D	Rxi-5HT 0.53 (mm)
ZZZZZ		05/03/2022 16:10	1		Rxi-5HT 0.53 (mm)
ZZZZZ		05/03/2022 16:39	1		Rxi-5HT 0.53 (mm)
240-165585-2	GSP-MW-04-042622	05/03/2022 17:07	1	F0050309.D	Rxi-5HT 0.53 (mm)
240-165585-3	GSP-MW-20-042622	05/03/2022 17:36	1	F0050310.D	Rxi-5HT 0.53 (mm)
240-165585-4	GSP-MW-05-042622	05/03/2022 18:05	1	F0050311.D	Rxi-5HT 0.53 (mm)
CCV 240-524844/12		05/03/2022 18:33	1	F0050312.D	Rxi-5HT 0.53 (mm)

DIESEL RANGE ORGANICS ANALYSIS RUN LOG

Lab Name: Eurofins Canton Job No.: 240-165545-1

SDG No.: _____

Instrument ID: A2HP14R Start Date: 05/03/2022 11:54

Analysis Batch Number: 524846 End Date: 05/03/2022 18:33

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
RTC 240-524846/3		05/03/2022 11:54	1	R0050303.D	Rxi-5HT 0.53 (mm)
CCVRT 240-524846/4		05/03/2022 12:23	1	R0050304.D	Rxi-5HT 0.53 (mm)
240-165585-5	GSP-MW-06-042622	05/03/2022 15:13	1	R0050305.D	Rxi-5HT 0.53 (mm)
240-165585-6	GSP-DUP01-042622	05/03/2022 15:42	1	R0050306.D	Rxi-5HT 0.53 (mm)
ZZZZZ		05/03/2022 16:10	1		Rxi-5HT 0.53 (mm)
ZZZZZ		05/03/2022 16:39	1		Rxi-5HT 0.53 (mm)
ZZZZZ		05/03/2022 17:07	1		Rxi-5HT 0.53 (mm)
MB 240-524642/13-A		05/03/2022 17:36	1	R0050310.D	Rxi-5HT 0.53 (mm)
LCS 240-524642/14-A		05/03/2022 18:05	1	R0050311.D	Rxi-5HT 0.53 (mm)
CCV 240-524846/12		05/03/2022 18:33	1	R0050312.D	Rxi-5HT 0.53 (mm)

DIESEL RANGE ORGANICS ANALYSIS RUN LOG

Lab Name: Eurofins Canton Job No.: 240-165545-1

SDG No.: _____

Instrument ID: A2HP14R Start Date: 05/05/2022 11:10

Analysis Batch Number: 525244 End Date: 05/05/2022 18:36

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
RTC 240-525244/3		05/05/2022 11:10	1		Rxi-5HT 0.53 (mm)
STD1 240-525244/4 IC		05/05/2022 11:39	1	R0050504.D	Rxi-5HT 0.53 (mm)
STD2 240-525244/5 IC		05/05/2022 14:18	1	R0050505.D	Rxi-5HT 0.53 (mm)
STD3 240-525244/6 IC		05/05/2022 14:46	1	R0050506.D	Rxi-5HT 0.53 (mm)
STD4 240-525244/7 IC		05/05/2022 15:15	1	R0050507.D	Rxi-5HT 0.53 (mm)
STD5 240-525244/8 IC		05/05/2022 15:44	1	R0050508.D	Rxi-5HT 0.53 (mm)
ICV 240-525244/9		05/05/2022 16:13	1	R0050509.D	Rxi-5HT 0.53 (mm)
ZZZZZ		05/05/2022 16:41	1		Rxi-5HT 0.53 (mm)
ZZZZZ		05/05/2022 17:10	1		Rxi-5HT 0.53 (mm)
ZZZZZ		05/05/2022 17:39	1		Rxi-5HT 0.53 (mm)
ZZZZZ		05/05/2022 18:07	1		Rxi-5HT 0.53 (mm)
CCV 240-525244/14		05/05/2022 18:36	1		Rxi-5HT 0.53 (mm)

DIESEL RANGE ORGANICS ANALYSIS RUN LOG

Lab Name: Eurofins Canton Job No.: 240-165545-1

SDG No.: _____

Instrument ID: A2HP14F Start Date: 05/06/2022 11:08

Analysis Batch Number: 525427 End Date: 05/06/2022 16:09

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
RTC 240-525427/3		05/06/2022 11:08	1	F0050603.D	Rxi-5HT 0.53 (mm)
CCVRT 240-525427/4		05/06/2022 11:37	1	F0050604.D	Rxi-5HT 0.53 (mm)
ZZZZZ		05/06/2022 12:05	1		Rxi-5HT 0.53 (mm)
ZZZZZ		05/06/2022 12:34	1		Rxi-5HT 0.53 (mm)
ZZZZZ		05/06/2022 13:03	1		Rxi-5HT 0.53 (mm)
CCV 240-525427/8		05/06/2022 13:32	1	F0050608.D	Rxi-5HT 0.53 (mm)
240-165824-4	GSP-MW-30-042822	05/06/2022 15:12	1	F0050609.D	Rxi-5HT 0.53 (mm)
ZZZZZ		05/06/2022 15:41	1		Rxi-5HT 0.53 (mm)
CCV 240-525427/11		05/06/2022 16:09	1	F0050611.D	Rxi-5HT 0.53 (mm)

DIESEL RANGE ORGANICS ANALYSIS RUN LOG

Lab Name: Eurofins Canton Job No.: 240-165545-1

SDG No.: _____

Instrument ID: A2HP14R Start Date: 05/06/2022 11:08

Analysis Batch Number: 525429 End Date: 05/06/2022 16:38

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
RTC 240-525429/3		05/06/2022 11:08	1	R0050603.D	Rxi-5HT 0.53 (mm)
CCVRT 240-525429/4		05/06/2022 11:37	1	R0050604.D	Rxi-5HT 0.53 (mm)
ZZZZZ		05/06/2022 12:05	1		Rxi-5HT 0.53 (mm)
ZZZZZ		05/06/2022 12:34	1		Rxi-5HT 0.53 (mm)
CCV 240-525429/7		05/06/2022 13:03	1	R0050607.D	Rxi-5HT 0.53 (mm)
240-165585-3 RE	GSP-MW-20-042622 RE	05/06/2022 15:12	1	R0050609.D	Rxi-5HT 0.53 (mm)
MB 240-525295/4-A		05/06/2022 15:41	1	R0050610.D	Rxi-5HT 0.53 (mm)
LCS 240-525295/5-A		05/06/2022 16:09	1	R0050611.D	Rxi-5HT 0.53 (mm)
CCV 240-525429/12		05/06/2022 16:38	1	R0050612.D	Rxi-5HT 0.53 (mm)

DIESEL RANGE ORGANICS BATCH WORKSHEET

Lab Name: Eurofins Canton Job No.: 240-165545-1

SDG No.: _____

Batch Number: 524642 Batch Start Date: 05/02/22 09:11 Batch Analyst: Earle, Steve

Batch Method: 3510C LVI Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ReceivedpH	FirstAdjustpH	exDIESELSPKw 00116	exOTPSURRW 00054
240-165545-B-2	GSP-MW-29-042522	3510C LVI, 8015D	T	260 mL	5 mL	4 SU	2 SU		0.2 mL
240-165545-A-3	GSP-MW-27-042522	3510C LVI, 8015D	T	250 mL	5 mL	7 SU	2 SU		0.2 mL
240-165585-D-2	GSP-MW-04-042622	3510C LVI, 8015D	T	250 mL	5 mL	7 SU	2 SU		0.2 mL
240-165585-B-3	GSP-MW-20-042622	3510C LVI, 8015D	T	240 mL	5 mL	7 SU	2 SU		0.2 mL
240-165585-A-4	GSP-MW-05-042622	3510C LVI, 8015D	T	250 mL	5 mL	7 SU	2 SU		0.2 mL
240-165585-A-5	GSP-MW-06-042622	3510C LVI, 8015D	T	250 mL	5 mL	7 SU	2 SU		0.2 mL
240-165585-E-6	GSP-DUP01-042622	3510C LVI, 8015D	T	240 mL	5 mL	7 SU	2 SU		0.2 mL
MB 240-524642/13		3510C LVI, 8015D		250 mL	5 mL	7 SU	2 SU		0.2 mL
LCS 240-524642/14		3510C LVI, 8015D		250 mL	5 mL	7 SU	2 SU	0.2 mL	0.2 mL

Batch Notes	
pH Indicator ID	5180570 5180575
Pipette/Syringe/Dispenser ID	6
Analyst ID - Extraction	BRITTANY BLYTHE STEVE EARLE
Analyst ID - Spike Analyst	STEVE EARLE
Acid Used for pH Adjustment ID	5671751
Prep Solvent ID	5686076
Na2SO4 ID	5382425
Analyst ID - Concentration	JESSICA TRUSHEL ELIZABETH BORDER

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

DIESEL RANGE ORGANICS BATCH WORKSHEET

Lab Name: Eurofins Canton Job No.: 240-165545-1

SDG No.: _____

Batch Number: 525295 Batch Start Date: 05/05/22 11:43 Batch Analyst: Blythe, Brittany

Batch Method: 3510C LVI Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ReceivedpH	FirstAdjustpH	exDIESELSPKw 00116	exOTPSURRW 00054
240-165824-B-4	GSP-MW-30-042822	3510C LVI, 8015D	T	260 mL	5 mL	7 SU	2 SU		0.2 mL
240-165585-A-3	GSP-MW-20-042622	3510C LVI, 8015D	T	250 mL	5 mL	7 SU	2 SU		0.2 mL
MB 240-525295/4		3510C LVI, 8015D		250 mL	5 mL	7 SU	2 SU		0.2 mL
LCS 240-525295/5		3510C LVI, 8015D		250 mL	5 mL	7 SU	2 SU	0.2 mL	0.2 mL

Batch Notes	
pH Indicator ID	5180570 5180575
Pipette/Syringe/Dispenser ID	6
Analyst ID - Extraction	BRITTANY BLYTHE
Analyst ID - Spike Analyst	BRITTANY BLYTHE
Acid Used for pH Adjustment ID	5671751
Prep Solvent ID	5686076
Na2SO4 ID	5382425
Analyst ID - Concentration	JESSICA TRUSHEL THOMAS COOK

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS

2A-IN
 CALIBRATION VERIFICATIONS
 METALS

Lab Name: Eurofins Canton Job No.: 240-165545-1

SDG No.: _____

ICV Source: ICPICV_00033 Concentration Units: ug/L

CCV Source: ICPCCV_00076

Analyte	ICV 240-524752/4 05/02/2022 10:09				CCV 240-524752/121 05/02/2022 18:23				CCV 240-524752/133 05/02/2022 19:12			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Beryllium	2000		2000	100	1910		2000	95	1960		2000	98
Cobalt	2030		2000	101	2060		2000	103	2040		2000	102
Iron	25400		25000	102	23900		25000	96	24400		25000	98
Manganese	2030		2000	102	2110		2000	105	2030		2000	101
Nickel	2060		2000	103	2050		2000	103	2040		2000	102
Thallium	2040		2000	102	2040		2000	102	2040		2000	102
Vanadium	2040		2000	102	1950		2000	98	1990		2000	100
Zinc	2020		2000	101	2050		2000	103	2050		2000	102

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
 Italicized analytes were not requested for this sequence.

2A-IN
 CALIBRATION VERIFICATIONS
 METALS

Lab Name: Eurofins Canton Job No.: 240-165545-1

SDG No.: _____

ICV Source: ICPICV_00033 Concentration Units: ug/L

CCV Source: ICPCCV_00076

Analyte	CCV 240-524752/145 05/02/2022 20:02				CCV 240-524752/157 05/02/2022 20:54				CCV 240-524752/169 05/02/2022 21:46			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Beryllium	1930		2000	96	1930		2000	96	1920		2000	96
Cobalt	2060		2000	103	2060		2000	103	2050		2000	102
Iron	24000		25000	96	24000		25000	96	23700		25000	95
Manganese	2090		2000	104	2060		2000	103	2040		2000	102
Nickel	2050		2000	103	2050		2000	103	2040		2000	102
Thallium	2050		2000	102	2070		2000	103	2050		2000	102
Vanadium	1970		2000	99	1960		2000	98	1940		2000	97
Zinc	2060		2000	103	2070		2000	103	2050		2000	102

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
 Italicized analytes were not requested for this sequence.

2A-IN
 CALIBRATION VERIFICATIONS
 METALS

Lab Name: Eurofins Canton Job No.: 240-165545-1

SDG No.: _____

ICV Source: MTTRCRIC_00105 Concentration Units: ug/L

CCV Source: ICPCCV_00076

Analyte	ICVL 240-524752/6 05/02/2022 10:17				CCV 240-524752/121 05/02/2022 18:23				CCV 240-524752/133 05/02/2022 19:12			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Beryllium	4.73	J	5.00	95	1910		2000	95	1960		2000	98
Cobalt	9.54	J	10.0	95	2060		2000	103	2040		2000	102
Iron	207		200	103	23900		25000	96	24400		25000	98
Manganese	15.0		15.0	100	2110		2000	105	2030		2000	101
Nickel	38.6	J	40.0	96	2050		2000	103	2040		2000	102
Thallium	20.2		20.0	101	2040		2000	102	2040		2000	102
Vanadium	49.4	J	50.0	99	1950		2000	98	1990		2000	100
Zinc	46.1	J	50.0	92	2050		2000	103	2050		2000	102

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
 Italicized analytes were not requested for this sequence.

2A-IN
 CALIBRATION VERIFICATIONS
 METALS

Lab Name: Eurofins Canton Job No.: 240-165545-1

SDG No.: _____

ICV Source: MTTRCRIC_00105 Concentration Units: ug/L

CCV Source: ICPCCV_00076

Analyte	CCV 240-524752/145 05/02/2022 20:02				CCV 240-524752/157 05/02/2022 20:54				CCV 240-524752/169 05/02/2022 21:46			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Beryllium	1930		2000	96	1930		2000	96	1920		2000	96
Cobalt	2060		2000	103	2060		2000	103	2050		2000	102
Iron	24000		25000	96	24000		25000	96	23700		25000	95
Manganese	2090		2000	104	2060		2000	103	2040		2000	102
Nickel	2050		2000	103	2050		2000	103	2040		2000	102
Thallium	2050		2000	102	2070		2000	103	2050		2000	102
Vanadium	1970		2000	99	1960		2000	98	1940		2000	97
Zinc	2060		2000	103	2070		2000	103	2050		2000	102

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
 Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: Eurofins Canton Job No.: 240-165545-1

SDG No.: _____

Concentration Units: ug/L

Analyte	RL	ICB 240-524752/5 05/02/2022 10:13		CCB 240-524752/122 05/02/2022 18:27		CCB 240-524752/134 05/02/2022 19:16		CCB 240-524752/146 05/02/2022 20:06	
		Found	C	Found	C	Found	C	Found	C
Beryllium	5.0	0.60	U	0.60	U	0.60	U	0.60	U
Cobalt	10	0.75	U	0.75	U	0.75	U	0.75	U
Iron	200	83	U	83	U	83	U	83	U
Manganese	15	6.2	U	6.2	U	6.2	U	6.2	U
Nickel	40	2.2	U	2.2	U	2.2	U	2.2	U
Thallium	20	5.23	J	4.19	J	4.71	J	3.61	J
Vanadium	50	5.6	U	5.6	U	5.6	U	5.6	U
Zinc	50	9.7	U	9.7	U	9.7	U	9.7	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: Eurofins Canton Job No.: 240-165545-1

SDG No.: _____

Concentration Units: ug/L

Analyte	RL	CCB 240-524752/158 05/02/2022 20:58		CCB 240-524752/170 05/02/2022 21:49		Found	C	Found	C
		Found	C	Found	C				
Beryllium	5.0	0.60	U	0.60	U				
Cobalt	10	0.75	U	0.75	U				
Iron	200	83	U	83	U				
Manganese	15	6.2	U	6.2	U				
Nickel	40	2.2	U	2.2	U				
Thallium	20	2.78	J	5.38	J				
Vanadium	50	5.6	U	5.6	U				
Zinc	50	9.7	U	9.7	U				

Italicized analytes were not requested for this sequence.

3-IN
METHOD BLANK
METALS - TOTAL RECOVERABLE

Lab Name: Eurofins Canton Job No.: 240-165545-1
SDG No.: _____
Concentration Units: ug/L Lab Sample ID: MB 240-524551/1-A
Instrument Code: I12 Batch No.: 524752

CAS No.	Analyte	Concentration	C	Q	Method
7440-41-7	Beryllium	0.60	U		6010D
7440-48-4	Cobalt	0.75	U		6010D
7439-89-6	Iron	83	U		6010D
7439-96-5	Manganese	6.2	U		6010D
7440-02-0	Nickel	2.2	U		6010D
7440-28-0	Thallium	2.7	U		6010D
7440-62-2	Vanadium	5.6	U		6010D
7440-66-6	Zinc	9.7	U		6010D

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: Eurofins Canton

Job No.: 240-165545-1

SDG No.: _____

Lab Sample ID: ICSA 240-524752/8

Instrument ID: I12

Lab File ID: I12050222A.asc

ICS Source: MTRICSAW_00059

Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Beryllium		0.392	
Cobalt		-1.37	
Iron	200000	194770	97
Manganese		2.47	
Nickel		2.75	
Thallium		-0.993	
Vanadium		2.28	
Zinc		1.63	
<i>Aluminum</i>	<i>500000</i>	<i>517010</i>	<i>103</i>
<i>Antimony</i>		<i>-4.78</i>	
<i>Arsenic</i>		<i>1.38</i>	
<i>Barium</i>		<i>13.1</i>	
<i>Boron</i>		<i>1.34</i>	
<i>Cadmium</i>		<i>1.29</i>	
<i>Calcium</i>	<i>500000</i>	<i>487420</i>	<i>97</i>
<i>Chromium</i>		<i>3.01</i>	
<i>Copper</i>		<i>0.733</i>	
<i>Lead</i>		<i>3.02</i>	
<i>Lithium</i>		<i>11.3</i>	
<i>Magnesium</i>	<i>500000</i>	<i>501110</i>	<i>100</i>
<i>Molybdenum</i>		<i>2.18</i>	
<i>Potassium</i>		<i>-83.3</i>	
<i>Selenium</i>		<i>-3.83</i>	
<i>Silicon</i>		<i>7.81</i>	
<i>Silver</i>		<i>-2.50</i>	
<i>Sodium</i>		<i>85.5</i>	
<i>Strontium</i>		<i>19.6</i>	
<i>Tin</i>		<i>2.32</i>	
<i>Titanium</i>		<i>-0.818</i>	

Calculations are performed before rounding to avoid round-off errors in calculated results.

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: Eurofins Canton

Job No.: 240-165545-1

SDG No.: _____

Lab Sample ID: ICSAB 240-524752/9

Instrument ID: I12

Lab File ID: I12050222A.asc

ICS Source: ICPICSAB_00014

Concentration Units: ug/L

Analyte	True	Found	Percent Recovery
	Solution AB	Solution AB	
Beryllium	500	490	98
Cobalt	1000	1022	102
Iron	200000	188110	94
Manganese	1000	1013	101
Nickel	1000	1023	102
Thallium	1000	981	98
Vanadium	1000	986	99
Zinc	1000	1015	102
<i>Aluminum</i>	<i>500000</i>	<i>501840</i>	<i>100</i>
<i>Antimony</i>	<i>1000</i>	<i>1073</i>	<i>107</i>
<i>Arsenic</i>	<i>1000</i>	<i>1063</i>	<i>106</i>
<i>Barium</i>	<i>1000</i>	<i>1023</i>	<i>102</i>
<i>Boron</i>	<i>10000</i>	<i>9476</i>	<i>95</i>
<i>Cadmium</i>	<i>1000</i>	<i>1042</i>	<i>104</i>
<i>Calcium</i>	<i>500000</i>	<i>469210</i>	<i>94</i>
<i>Chromium</i>	<i>1000</i>	<i>1028</i>	<i>103</i>
<i>Copper</i>	<i>1000</i>	<i>1043</i>	<i>104</i>
<i>Lead</i>	<i>1000</i>	<i>919</i>	<i>92</i>
<i>Lithium</i>	<i>500</i>	<i>497</i>	<i>99</i>
<i>Magnesium</i>	<i>500000</i>	<i>482130</i>	<i>96</i>
<i>Molybdenum</i>	<i>1000</i>	<i>963</i>	<i>96</i>
<i>Potassium</i>	<i>10000</i>	<i>10328</i>	<i>103</i>
<i>Selenium</i>	<i>1000</i>	<i>1039</i>	<i>104</i>
<i>Silicon</i>	<i>10000</i>	<i>9769</i>	<i>98</i>
<i>Silver</i>	<i>1000</i>	<i>1071</i>	<i>107</i>
<i>Sodium</i>	<i>10000</i>	<i>10444</i>	<i>104</i>
<i>Strontium</i>	<i>1000</i>	<i>964</i>	<i>96</i>
<i>Tin</i>	<i>1000</i>	<i>1022</i>	<i>102</i>
<i>Titanium</i>	<i>1000</i>	<i>1016</i>	<i>102</i>

Calculations are performed before rounding to avoid round-off errors in calculated results.

7A-IN
 LAB CONTROL SAMPLE
 METALS - TOTAL RECOVERABLE

Lab ID: LCS 240-524551/2-A

Lab Name: Eurofins Canton

Job No.: 240-165545-1

Sample Matrix: Water

LCS Source: SPIKE1_00014

Analyte	Water(ug/L)							
	True	Found	C	%R	Limits		Q	Method
Beryllium	1000	950		95	80	120		6010D
Cobalt	1000	1000		100	80	120		6010D
Iron	10000	9320		93	80	120		6010D
Manganese	1000	993		99	80	120		6010D
Nickel	1000	1000		100	80	120		6010D
Thallium	2000	1970		98	80	120		6010D
Vanadium	1000	962		96	80	120		6010D
Zinc	1000	1020		102	80	120		6010D

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

9-IN
DETECTION LIMITS
METALS - TOTAL RECOVERABLE

Lab Name: Eurofins Canton

Job Number: 240-165545-1

SDG Number: _____

Matrix: Water

Instrument ID: I12

Method: 6010D

MDL Date: 06/07/2021 10:56

Prep Method: 3005A

Analyte	Wavelength/ Mass	RL (ug/L)	MDL (ug/L)
Beryllium	313.042	5	0.601
Cobalt	228.616	10	0.752
Iron	271.441	200	82.709
Manganese	257.610	15	6.16
Nickel	231.604	40	2.198
Thallium	190.864	20	2.68
Vanadium	292.402	50	5.562
Zinc	213.856	50	9.674

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS - TOTAL RECOVERABLE

Lab Name: Eurofins Canton Job Number: 240-165545-1
SDG Number: _____
Matrix: Water Instrument ID: I12
Method: 6010D XMDL Date: 06/07/2021 10:56

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Beryllium	313.042	5	0.601
Cobalt	228.616	10	0.752
Iron	271.441	200	82.709
Manganese	257.610	15	6.16
Nickel	231.604	40	2.198
Thallium	190.864	20	2.68
Vanadium	292.402	50	5.562
Zinc	213.856	50	9.674

9-IN
DETECTION LIMITS
METALS - DISSOLVED

Lab Name: Eurofins Canton

Job Number: 240-165545-1

SDG Number: _____

Matrix: Water

Instrument ID: I12

Method: 6010D

MDL Date: 06/07/2021 10:56

Prep Method: 3005A

Analyte	Wavelength/ Mass	RL (ug/L)	MDL (ug/L)
Beryllium	313.042	5	0.601
Cobalt	228.616	10	0.752
Iron	271.441	200	82.709
Manganese	257.610	15	6.16
Nickel	231.604	40	2.198
Thallium	190.864	20	2.68
Vanadium	292.402	50	5.562
Zinc	213.856	50	9.674

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS - DISSOLVED

Lab Name: Eurofins Canton

Job Number: 240-165545-1

SDG Number: _____

Matrix: Water

Instrument ID: I12

Method: 6010D

XMDL Date: 06/07/2021 10:56

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Beryllium	313.042	5	0.601
Cobalt	228.616	10	0.752
Iron	271.441	200	82.709
Manganese	257.610	15	6.16
Nickel	231.604	40	2.198
Thallium	190.864	20	2.68
Vanadium	292.402	50	5.562
Zinc	213.856	50	9.674

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: Eurofins Canton Job Number: 240-165545-1

SDG No.: _____

ICP-AES Instrument ID: I12 Date: 11/10/2021

Analyte	Wave Length	Al	As	Ca	Co	Cr	Cu	Fe	Mn	Mo	Ni	Si	Ti	V
Aluminum										0.016969				0.158847
Antimony		-0.000079			0.000005			-0.000086						0.003072
Arsenic		0.00003			-0.001105	0.00481			-0.000158	0.000523				
Beryllium														0.002086
Cadmium			0.001402					0.000001						
Chromium									0.000215					
Cobalt													0.002006	
Copper				0.000018	0.00440			-0.000029						-0.00077
Lead		-0.000124					0.00152	0.00003			0.000198	0.000052		
Lithium				0.000011										
Nickel					0.000518			0.000059						
Selenium		0.0000							0.000613					
Thallium		0.000026			0.007527			-0.000047	-0.0001111				0.004664	0.004396
Vanadium								0.000034						
Zinc							-0.001092							

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: Eurofins Canton Job Number: 240-165545-1

SDG No.: _____

ICP-AES Instrument ID: I12 Date: 04/13/2022

Analyte	Wave Length	Al	As	Ca	Co	Cr	Cu	Fe	Mn	Mo	Ni	Si	Ti	V
Aluminum										0.015952				0.106134
Antimony		-0.000071			0.000042			-0.000076						0.00327
Arsenic		0.000029			-0.000634	0.00481			-0.000158	0.000957				
Beryllium														0.001830
Cadmium			0.001985					-0.000008						
Chromium									0.000215					
Cobalt													0.002210	
Copper				0.000028	0.00440			-0.000092					-0.005602	
Lead		-0.000116					0.00152	0.00003			0.000198	0.000052		
Lithium				0.000086										
Nickel					0.000518			0.000047						
Selenium		-0.000021							0.000613					
Thallium		0.000042			0.001302			-0.000025	-0.000111				0.000111	0.001163
Vanadium								0.000064						
Zinc							-0.001092							

11-IN
LINEAR RANGES
METALS

Lab Name: Eurofins Canton

Job No: 240-165545-1

SDG No.: _____

Instrument ID: I12

Date: 04/15/2022 09:23

Analyte	Integ. Time (Sec.)	Concentration (ug/L)	Method
Beryllium		4000	6010D
Cobalt		10000	6010D
Iron		500000	6010D
Manganese		15000	6010D
Nickel		30000	6010D
Thallium		10000	6010D
Vanadium		5000	6010D
Zinc		30000	6010D

12-IN
PREPARATION LOG
METALS

Lab Name: Eurofins Canton Job No.: 240-165545-1

SDG No.: _____

Prep Method: 3005A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 240-524551/1-A	04/29/2022 12:00	524551		50	50
LCS 240-524551/2-A	04/29/2022 12:00	524551		50	50
240-165675-5	04/29/2022 12:00	524551		50	50
240-165675-5	04/29/2022 12:00	524551		50	50

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Canton Job No.: 240-165545-1

SDG No.: _____

Instrument ID: I12 Analysis Method: 6010D

Start Date: 05/02/2022 09:56 End Date: 05/03/2022 04:58

Lab Sample Id	D/F	Type	Time	Analytes																											
				B	C	F	M	N	T	V	Z																				
ICIS 240-524752/1	1		09:56	X	X	X	X	X	X	X	X																				
CALSTD 240-524752/2 IC			10:00	X	X	X	X	X	X	X	X																				
CALSTD 240-524752/3 IC			10:05	X	X	X	X	X	X	X	X																				
ICV 240-524752/4	1		10:09	X	X	X	X	X	X	X	X																				
ICB 240-524752/5	1		10:13	X	X	X	X	X	X	X	X																				
ICVL 240-524752/6	1		10:17	X	X	X	X	X	X	X	X																				
ZZZZZZ			10:21																												
ICSA 240-524752/8	1		10:26	X	X	X	X	X	X	X	X																				
ICSAB 240-524752/9	1		10:30	X	X	X	X	X	X	X	X																				
CCV 240-524752/10			10:34																												
CCB 240-524752/11			10:38																												
ZZZZZZ			10:42																												
ZZZZZZ			10:46																												
ZZZZZZ			10:51																												
ZZZZZZ			10:55																												
ZZZZZZ			10:59																												
ZZZZZZ			11:04																												
ZZZZZZ			11:08																												
CCV 240-524752/19			11:12																												
CCB 240-524752/20			11:16																												
ZZZZZZ			11:20																												
ZZZZZZ			11:25																												
ZZZZZZ			11:29																												
ZZZZZZ			11:33																												
ZZZZZZ			11:37																												
ZZZZZZ			11:41																												
ZZZZZZ			11:45																												
ZZZZZZ			11:50																												
ZZZZZZ			11:54																												
ZZZZZZ			11:58																												
CCV 240-524752/31			12:02																												
CCB 240-524752/32			12:06																												
ZZZZZZ			12:11																												
ZZZZZZ			12:15																												
ZZZZZZ			12:19																												
ZZZZZZ			12:23																												
ZZZZZZ			12:28																												
ZZZZZZ			12:32																												
ZZZZZZ			12:36																												
ZZZZZZ			12:40																												
ZZZZZZ			12:44																												
ZZZZZZ			12:49																												

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Canton Job No.: 240-165545-1

SDG No.: _____

Instrument ID: I12 Analysis Method: 6010D

Start Date: 05/02/2022 09:56 End Date: 05/03/2022 04:58

Lab Sample Id	D/F	Type	Time	Analytes																											
				B	C	F	M	N	T	V	Z																				
CCV 240-524752/43			12:53																												
CCB 240-524752/44			12:57																												
ZZZZZZ			13:01																												
ZZZZZZ			13:05																												
ZZZZZZ			13:10																												
CCV 240-524752/48			13:14																												
CCB 240-524752/49			13:18																												
CCVL 240-524752/50			13:22																												
ZZZZZZ			13:26																												
ZZZZZZ			13:31																												
ZZZZZZ			13:35																												
ZZZZZZ			13:39																												
ZZZZZZ			13:43																												
ZZZZZZ			13:47																												
ZZZZZZ			13:52																												
ZZZZZZ			13:56																												
ZZZZZZ			14:00																												
ZZZZZZ			14:04																												
CCV 240-524752/61			14:09																												
CCB 240-524752/62			14:13																												
ZZZZZZ			14:17																												
ZZZZZZ			14:21																												
ZZZZZZ			14:25																												
ZZZZZZ			14:30																												
ZZZZZZ			14:34																												
ZZZZZZ			14:38																												
ZZZZZZ			14:42																												
ZZZZZZ			14:47																												
ZZZZZZ			14:51																												
CCVL 240-524752/72			14:55																												
CCV 240-524752/73			15:00																												
CCB 240-524752/74			15:03																												
ZZZZZZ			15:08																												
ZZZZZZ			15:12																												
ZZZZZZ			15:16																												
ZZZZZZ			15:21																												
ZZZZZZ			15:25																												
ZZZZZZ			15:29																												
ZZZZZZ			15:33																												
ZZZZZZ			15:38																												
ZZZZZZ			15:42																												
ZZZZZZ			15:47																												

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Canton Job No.: 240-165545-1

SDG No.: _____

Instrument ID: I12 Analysis Method: 6010D

Start Date: 05/02/2022 09:56 End Date: 05/03/2022 04:58

Lab Sample Id	D/F	Type	Time	Analytes																											
				B	C	F	M	N	T	V	Z																				
CCV 240-524752/85			15:51																												
CCB 240-524752/86			15:55																												
ZZZZZZ			15:59																												
ZZZZZZ			16:04																												
ZZZZZZ			16:08																												
ZZZZZZ			16:12																												
ZZZZZZ			16:16																												
ZZZZZZ			16:20																												
ZZZZZZ			16:24																												
ZZZZZZ			16:28																												
ZZZZZZ			16:33																												
ZZZZZZ			16:37																												
CCV 240-524752/97			16:41																												
CCB 240-524752/98			16:45																												
ZZZZZZ			16:49																												
ZZZZZZ			16:53																												
ZZZZZZ			16:58																												
ZZZZZZ			17:02																												
CCVL 240-524752/103			17:06																												
ZZZZZZ			17:10																												
ZZZZZZ			17:15																												
ZZZZZZ			17:19																												
ZZZZZZ			17:23																												
ZZZZZZ			17:27																												
CCV 240-524752/109			17:32																												
CCB 240-524752/110			17:36																												
ZZZZZZ			17:40																												
ZZZZZZ			17:44																												
ZZZZZZ			17:48																												
ZZZZZZ			17:53																												
ZZZZZZ			17:57																												
ZZZZZZ			18:01																												
ZZZZZZ			18:06																												
ZZZZZZ			18:10																												
ZZZZZZ			18:14																												
ZZZZZZ			18:18																												
CCV 240-524752/121		1	18:23	X	X	X	X	X	X	X	X	X	X																		
CCB 240-524752/122		1	18:27	X	X	X	X	X	X	X	X	X	X																		
ZZZZZZ			18:31																												
MB 240-524551/1-A		1 R	18:35	X	X	X	X	X	X	X	X	X	X																		
LCS 240-524551/2-A		1 R	18:39	X	X	X	X	X	X	X	X	X	X																		
ZZZZZZ			18:43																												

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Canton Job No.: 240-165545-1

SDG No.: _____

Instrument ID: I12 Analysis Method: 6010D

Start Date: 05/02/2022 09:56 End Date: 05/03/2022 04:58

Lab Sample Id	D/F	Type	Time	Analytes															
				B	C	F	M	N	T	V	Z								
CCVL 240-524752/127			18:48																
ZZZZZZ			18:52																
ZZZZZZ			18:56																
ZZZZZZ			19:00																
ZZZZZZ			19:04																
ZZZZZZ			19:08																
CCV 240-524752/133	1		19:12	X	X	X	X	X	X	X	X	X							
CCB 240-524752/134	1		19:16	X	X	X	X	X	X	X	X	X							
ZZZZZZ			19:20																
ZZZZZZ			19:25																
ZZZZZZ			19:29																
ZZZZZZ			19:33																
ZZZZZZ			19:37																
ZZZZZZ			19:41																
ZZZZZZ			19:45																
ZZZZZZ			19:50																
ZZZZZZ			19:54																
ZZZZZZ			19:58																
CCV 240-524752/145	1		20:02	X	X	X	X	X	X	X	X	X							
CCB 240-524752/146	1		20:06	X	X	X	X	X	X	X	X	X							
ZZZZZZ			20:11																
ZZZZZZ			20:15																
ZZZZZZ			20:19																
ZZZZZZ			20:23																
ZZZZZZ			20:28																
ZZZZZZ			20:32																
ZZZZZZ			20:36																
ZZZZZZ			20:41																
ZZZZZZ			20:45																
ZZZZZZ			20:49																
CCV 240-524752/157	1		20:54	X	X	X	X	X	X	X	X	X							
CCB 240-524752/158	1		20:58	X	X	X	X	X	X	X	X	X							
240-165675-5	1	R	21:02	X	X	X	X	X	X	X	X	X							
240-165675-5	1	D	21:06	X	X	X	X	X	X	X	X	X							
ZZZZZZ			21:11																
ZZZZZZ			21:15																
ZZZZZZ			21:19																
ZZZZZZ			21:23																
ZZZZZZ			21:28																
ZZZZZZ			21:32																
ZZZZZZ			21:37																
ZZZZZZ			21:41																

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Canton Job No.: 240-165545-1

SDG No.: _____

Instrument ID: I12 Analysis Method: 6010D

Start Date: 05/02/2022 09:56 End Date: 05/03/2022 04:58

Lab Sample Id	D/F	Type	Time	Analytes																											
				B	C	F	M	N	T	V	Z																				
CCV 240-524752/169	1		21:46	X	X	X	X	X	X	X	X	X																			
CCB 240-524752/170	1		21:49	X	X	X	X	X	X	X	X	X																			
ZZZZZZ			21:54																												
ZZZZZZ			21:58																												
ZZZZZZ			22:03																												
ZZZZZZ			22:07																												
ZZZZZZ			22:12																												
ZZZZZZ			22:16																												
ZZZZZZ			22:21																												
ZZZZZZ			22:25																												
ZZZZZZ			22:30																												
ZZZZZZ			22:34																												
CCV 240-524752/181			22:38																												
CCB 240-524752/182			22:42																												
ZZZZZZ			22:46																												
ZZZZZZ			22:50																												
ZZZZZZ			22:55																												
ZZZZZZ			22:59																												
CCVL 240-524752/187			23:03																												
ZZZZZZ			23:07																												
ZZZZZZ			23:11																												
ZZZZZZ			23:16																												
ZZZZZZ			23:20																												
ZZZZZZ			23:24																												
CCV 240-524752/193			23:28																												
CCB 240-524752/194			23:32																												
ZZZZZZ			23:36																												
ZZZZZZ			23:40																												
ZZZZZZ			23:44																												
ZZZZZZ			23:48																												
ZZZZZZ			23:52																												
ZZZZZZ			23:57																												
ZZZZZZ			00:01																												
ZZZZZZ			00:05																												
ZZZZZZ			00:09																												
ZZZZZZ			00:14																												
CCV 240-524752/205			00:18																												
CCB 240-524752/206			00:22																												
ZZZZZZ			00:26																												
ZZZZZZ			00:30																												
ZZZZZZ			00:35																												
ZZZZZZ			00:39																												

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Canton Job No.: 240-165545-1

SDG No.: _____

Instrument ID: I12 Analysis Method: 6010D

Start Date: 05/02/2022 09:56 End Date: 05/03/2022 04:58

Lab Sample Id	D/F	Type	Time	Analytes																											
				B	C	F	M	N	T	V	Z																				
ZZZZZZ			00:43																												
ZZZZZZ			00:48																												
ZZZZZZ			00:52																												
ZZZZZZ			00:56																												
ZZZZZZ			01:01																												
ZZZZZZ			01:05																												
CCV 240-524752/217			01:09																												
CCB 240-524752/218			01:13																												
ZZZZZZ			01:17																												
ZZZZZZ			01:22																												
ZZZZZZ			01:26																												
ZZZZZZ			01:30																												
ZZZZZZ			01:34																												
ZZZZZZ			01:38																												
ZZZZZZ			01:42																												
ZZZZZZ			01:46																												
ZZZZZZ			01:51																												
ZZZZZZ			01:55																												
CCV 240-524752/229			01:59																												
CCB 240-524752/230			02:03																												
ZZZZZZ			02:07																												
ZZZZZZ			02:11																												
ZZZZZZ			02:15																												
ZZZZZZ			02:19																												
ZZZZZZ			02:24																												
ZZZZZZ			02:28																												
ZZZZZZ			02:32																												
ZZZZZZ			02:37																												
ZZZZZZ			02:41																												
ZZZZZZ			02:45																												
CCV 240-524752/241			02:50																												
CCB 240-524752/242			02:54																												
ZZZZZZ			02:58																												
ZZZZZZ			03:02																												
ZZZZZZ			03:06																												
ZZZZZZ			03:11																												
ZZZZZZ			03:15																												
ZZZZZZ			03:20																												
ZZZZZZ			03:24																												
ZZZZZZ			03:28																												
ZZZZZZ			03:33																												
ZZZZZZ			03:37																												

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Canton Job No.: 240-165545-1

SDG No.: _____

Instrument ID: I12 Analysis Method: 6010D

Start Date: 05/02/2022 09:56 End Date: 05/03/2022 04:58

Lab Sample Id	D/F	Type	Time	Analytes																											
				B	C	F	M	N	T	V	Z																				
CCV 240-524752/253			03:41																												
CCB 240-524752/254			03:45																												
ZZZZZZ			03:49																												
ZZZZZZ			03:54																												
ZZZZZZ			03:58																												
ZZZZZZ			04:02																												
ZZZZZZ			04:07																												
ZZZZZZ			04:11																												
ZZZZZZ			04:16																												
ZZZZZZ			04:20																												
ZZZZZZ			04:24																												
ZZZZZZ			04:29																												
CCV 240-524752/265			04:33																												
CCB 240-524752/266			04:37																												
ZZZZZZ			04:41																												
ZZZZZZ			04:46																												
ZZZZZZ			04:50																												
CCV 240-524752/270			04:54																												
CCB 240-524752/271			04:58																												

Prep Types: _____
D = Dissolved
R = Total Recoverable

15-IN
ICP INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____ Analysis Batch No.: 524752
 ICP Instrument ID: I12 Start Date: 05/02/2022 End Date: 05/02/2022

Lab Sample ID	Time	Internal Standards %RI For:									
		Element In 230.606	Q	Element Y 224.306	Q	Element Y 360.073	Q	Element Y 371.030	Q	Element	Q
ICIS 240-524752/1	09:56										
ICV 240-524752/4	10:09	90		98		96		100			
ICB 240-524752/5	10:13	100		100		98		100			
ICVL 240-524752/6	10:17	97		100		98		101			
ICSA 240-524752/8	10:26	78		90		86		96			
ICSAB 240-524752/9	10:30	78		91		86		99			
CCV 240-524752/121	18:23	92		101		95		97			
CCB 240-524752/122	18:27	103		104		100		97			
MB 240-524551/1-A	18:35	106		106		104		102			
LCS 240-524551/2-A	18:39	92		101		98		100			
CCV 240-524752/133	19:12	92		101		98		96			
CCB 240-524752/134	19:16	103		104		101		97			
CCV 240-524752/145	20:02	92		101		96		96			
CCB 240-524752/146	20:06	103		103		100		97			
CCV 240-524752/157	20:54	92		100		96		95			
CCB 240-524752/158	20:58	103		103		101		96			
240-165675-5	21:02	94		138		133		132			
240-165675-5	21:06	94		138		133		134			
CCV 240-524752/169	21:46	93		101		97		95			
CCB 240-524752/170	21:49	103		103		100		96			

15A-IN
ICP INTERNAL STANDARDS RELATIONS
METALS

Lab Name: Eurofins Canton Job No.: 240-165545-1
 SDG No.: _____ Analysis Batch No.: 524752
 ICP Instrument ID: I12 Start Date: 05/02/2022 End Date: 05/02/2022

Analyte	Wavelength	Internal Standard Used:				
		Element In 230.606	Element Y 224.306	Element Y 360.073	Element Y 371.030	Element
Beryllium	313.042				X	
Cobalt	228.616	X				
Iron	259.940				X	
Manganese	257.610			X		
Nickel	231.604	X				
Thallium	190.856	X				
Vanadium	290.882				X	
Zinc	206.200	X				
<i>Aluminum</i>	308.215				X	
<i>Antimony</i>	217.581		X			
<i>Arsenic</i>	189.042		X			
<i>Barium</i>	455.403				X	
<i>Boron</i>	182.641		X			
<i>Cadmium</i>	228.802		X			
<i>Calcium</i>	317.933				X	
<i>Chromium</i>	267.716			X		
<i>Copper</i>	327.396			X		
<i>Lead</i>	220.353		X			
<i>Lithium</i>	670.784				X	
<i>Magnesium</i>	279.079				X	
<i>Molybdenum</i>	202.030		X			
<i>Potassium</i>	766.490				X	
<i>Selenium</i>	196.090		X			
<i>Silicon</i>	251.611				X	
<i>Silver</i>	328.068			X		
<i>Sodium</i>	589.592				X	
<i>Strontium</i>	346.446				X	
<i>Tin</i>	189.989	X				
<i>Titanium</i>	337.280			X		
Internal Standard Name on Instrument		In2306	Y_2243	Y_3600	Y_3710	

GENERAL CHEMISTRY

3-IN
METHOD BLANK
GENERAL CHEMISTRY

Lab Name: Eurofins Canton Job No.: 240-165545-1

SDG No.: _____

Method	Lab Sample ID	Analyte	Result	Qual	Units	RL	Dil
Batch ID: 524945 Date: 05/03/2022 08:18							
2320B-1997	MB 240-524945/4	Alkalinity	2.6	U	mg/L	5.0	1
Batch ID: 525124 Date: 05/04/2022 08:53							
2320B-1997	MB 240-525124/4	Alkalinity	2.6	U	mg/L	5.0	1

6-IN
DUPLICATE
GENERAL CHEMISTRY

Lab Name: Eurofins Canton Job No.: 240-165545-1

SDG No.: _____

Matrix: Water

Method	Client Sample ID	Lab Sample ID	Analyte	Result	Unit	RPD	RPD Limit	Qual
Batch ID: 524945 Date: 05/03/2022 08:26								
2320B-1997	GSP-MW-05-042622	240-165585-4	Alkalinity	230	mg/L			
2320B-1997	GSP-MW-05-042622	240-165585-4 DU	Alkalinity	236	mg/L	0.5	20	

Calculations are performed before rounding to avoid round-off errors in calculated results.

7A-IN
 LAB CONTROL SAMPLE
 GENERAL CHEMISTRY

Lab Name: Eurofins Canton Job No.: 240-165545-1

SDG No.: _____

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 524945 Date: 05/03/2022 08:14											
						LCS Source: WCPHENOMINER_00035					
2320B-1 997	LCS 240-524945/3	Alkalinity	117		mg/L	121	97	86-123			
Batch ID: 525124 Date: 05/04/2022 08:49											
						LCS Source: WCPHENOMINER_00035					
2320B-1 997	LCS 240-525124/3	Alkalinity	117		mg/L	121	96	86-123			

Calculations are performed before rounding to avoid round-off errors in calculated results.

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: Eurofins Canton Job Number: 240-165545-1
SDG Number: _____
Matrix: Water Instrument ID: Severus
Method: 2320B-1997 MDL Date: 08/21/2018 15:58

Analyte	Wavelength/ Mass	RL (mg/L)	MDL (mg/L)
Alkalinity		5	2.6

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: Eurofins Canton Job Number: 240-165545-1
SDG Number: _____
Matrix: Water Instrument ID: Severus
Method: 2320B-1997 XMDL Date: 04/25/2017 09:53

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Alkalinity		5	2.6

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Canton Job No.: 240-165545-1

SDG No.: _____

Instrument ID: Severus Analysis Method: 2320B-1997

Start Date: 05/03/2022 08:01 End Date: 05/03/2022 11:49

Lab Sample Id	D/F	T y p e	Time	Analytes																			
				A l k																			
ZZZZZZ			08:01																				
ZZZZZZ			08:09																				
LCS 240-524945/3	1	T	08:14	X																			
MB 240-524945/4	1	T	08:18	X																			
240-165585-4	1	T	08:22	X																			
240-165585-4 DU	1	T	08:26	X																			
240-165585-5	1	T	08:31	X																			
ZZZZZZ			08:35																				
ZZZZZZ			08:40																				
ZZZZZZ			08:45																				
ZZZZZZ			08:49																				
ZZZZZZ			08:54																				
ZZZZZZ			08:55																				
ZZZZZZ			09:00																				
ZZZZZZ			09:04																				
ZZZZZZ			09:08																				
ZZZZZZ			09:14																				
ZZZZZZ			09:19																				
ZZZZZZ			09:24																				
ZZZZZZ			09:28																				
ZZZZZZ			09:32																				
ZZZZZZ			09:37																				
ZZZZZZ			09:41																				
ZZZZZZ			09:43																				
ZZZZZZ			09:47																				
ZZZZZZ			09:51																				
ZZZZZZ			09:55																				
ZZZZZZ			09:59																				
ZZZZZZ			10:04																				
ZZZZZZ			10:08																				
ZZZZZZ			10:12																				
ZZZZZZ			10:16																				
ZZZZZZ			10:20																				
ZZZZZZ			10:24																				
ZZZZZZ			10:26																				
ZZZZZZ			10:30																				
ZZZZZZ			10:34																				
ZZZZZZ			10:39																				
ZZZZZZ			10:43																				
ZZZZZZ			10:48																				
ZZZZZZ			10:53																				

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins Canton Job No.: 240-165545-1

SDG No.: _____

Batch Number: 524945 Batch Start Date: 05/03/22 08:01 Batch Analyst: Jackson, Allison

Batch Method: 2320B-1997 Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	CalcMsg	WCPHENOMINER 00035			
LCS 240-524945/3		2320B-1997		10 mL	BuretStart2 is blank	10 mL			
MB 240-524945/4		2320B-1997		10 mL	BuretStart2 is blank				
240-165585-C-4	GSP-MW-05-042622	2320B-1997	T	10 mL	BuretStart2 is blank				
240-165585-C-4 DU	GSP-MW-05-042622	2320B-1997	T	10 mL	BuretStart2 is blank				
240-165585-C-5	GSP-MW-06-042622	2320B-1997	T	10 mL	BuretStart2 is blank				

Batch Notes	
Nominal Amount Used	10 mL
pH Meter ID	severus
Acid ID	5679774
Normality of First Titrant	0.02 N
pH Buffer 1 ID	4-5517027
pH Buffer 2 ID	7-5516103
pH Buffer 3 ID	10-5517164
pH Buffer 4 ID	12-5430392
Probe ID	wcp 156

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins Canton Job No.: 240-165545-1

SDG No.: _____

Batch Number: 525124 Batch Start Date: 05/04/22 08:36 Batch Analyst: Jackson, Allison

Batch Method: 2320B-1997 Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	CalcMsg	WCPHENOMINER 00035			
LCS 240-525124/3		2320B-1997		10 mL	BuretStart2 is blank	10 mL			
MB 240-525124/4		2320B-1997		10 mL	BuretStart2 is blank				
240-165824-G-2	GSP-MW-32S-04282 2	2320B-1997	T	10 mL	BuretStart2 is blank				
240-165824-G-3	GSP-MW-32D-04282 2	2320B-1997	T	10 mL	BuretStart2 is blank				
240-165824-A-4	GSP-MW-30-042822	2320B-1997	T	10 mL	BuretStart2 is blank				

Batch Notes	
Nominal Amount Used	10 mL
pH Meter ID	severus
Acid ID	5679774
Normality of First Titrant	0.02 N
pH Buffer 1 ID	4-5517027
pH Buffer 2 ID	7-5516103
pH Buffer 3 ID	10-5517164
pH Buffer 4 ID	12-5430392
Probe ID	wcp 156

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Strawberry Point
SDG 240-165545-1

SAMPLE IDENTIFICATION

GSP-MW-04-042622

COMPOUND

trichloroethene

COMPOUND AREA 21326

INTERNAL STANDARD AMOUNT (ng) 20

DILUTION FACTOR 1

INTERNAL STANDARD AREA 798055

AVERAGE RRF 0.2794

VOLUME OF SAMPLE 5

VOLUME OF EXTRACT 5

CONCENTRATION = 1.91 ug/L

REPORTED CONCENTRATION 1.9 ug/L

Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A3UX9\20220428-118064.b\UX001599.D
 Lims ID: 240-165585-B-2
 Client ID: GSP-MW-04-042622
 Sample Type: Client
 Inject. Date: 28-Apr-2022 15:40:30 ALS Bottle#: 18 Worklist Smp#: 18
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 240-0118064-018
 Operator ID: 001765 Instrument ID: A3UX9
 Method: \\chromfs\Canton\ChromData\A3UX9\20220428-118064.b\8260_9.m
 Limit Group: MSV 8260C ICAL
 Last Update: 29-Apr-2022 08:08:03 Calib Date: 21-Mar-2022 22:30:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Canton\ChromData\A3UX9\20220321-117127.b\UX000699.D
 Column 1 : DB-624 (0.18 mm) Det: MS SCAN
 Process Host: CTX1682

First Level Reviewer: bosworthh

Date: 29-Apr-2022 08:08:03

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 1 Fluorobenzene	96	5.469	5.469	0.000	99	798055	20.0	
* 2 Chlorobenzene-d5	117	8.308	8.308	0.000	86	629908	20.0	
* 3 1,4-Dichlorobenzene-d4	152	10.686	10.697	-0.011	96	320423	20.0	
\$ 4 Dibromofluoromethane (Surr)	113	4.901	4.902	-0.001	93	208636	22.4	
\$ 5 1,2-Dichloroethane-d4 (Surr)	65	5.221	5.221	0.000	99	237844	20.0	
\$ 6 Toluene-d8 (Surr)	98	6.889	6.889	0.000	94	850519	20.8	
\$ 7 4-Bromofluorobenzene (Surr)	95	9.491	9.491	0.000	93	315462	20.0	
9 Dichlorodifluoromethane	85		1.460				ND	
10 Chloromethane	50		1.649				ND	
11 Vinyl chloride	62	1.731	1.732	-0.001	98	9360	0.7214	
13 Bromomethane	94		2.039				ND	7
15 Chloroethane	64		2.146				ND	
17 Trichlorofluoromethane	101		2.347				ND	
22 112TCTFE	101		2.820				ND	
24 1,1-Dichloroethene	61		2.855				ND	
23 Acetone	58		2.962				ND	7
26 Carbon disulfide	76		3.045				ND	7
30 Methylene Chloride	49		3.352				ND	
31 2-Methyl-2-propanol	59		3.435				ND	U
33 Methyl tert-butyl ether	73		3.530				ND	
34 trans-1,2-Dichloroethene	61	3.553	3.553	0.000	97	6101	0.4307	
38 Isopropyl ether	87		3.943				ND	
36 1,1-Dichloroethane	63		3.967				ND	
37 Vinyl acetate	43		3.991				ND	
40 Tert-butyl ethyl ether	59		4.263				ND	
42 2,2-Dichloropropane	77		4.452				ND	
43 cis-1,2-Dichloroethene	96	4.487	4.476	0.011	80	30420	2.70	
41 2-Butanone (MEK)	72		4.499				ND	
47 Chlorobromomethane	49		4.701				ND	
49 Chloroform	83		4.748				ND	
50 1,1,1-Trichloroethane	97		4.878				ND	
53 Carbon tetrachloride	117		4.996				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
52 1,1-Dichloropropene	75		5.020				ND	
55 Benzene	78		5.209				ND	
57 Tert-amyl methyl ether	73		5.268				ND	
56 1,2-Dichloroethane	62		5.292				ND	
60 Trichloroethene	130	5.777	5.777	0.000	94	21326	1.91	
63 1,2-Dichloropropane	63		6.037				ND	
66 Dibromomethane	174		6.144				ND	
67 Dichlorobromomethane	83		6.262				ND	
69 2-Chloroethyl vinyl ether	63		6.546				ND	
71 cis-1,3-Dichloropropene	75		6.688				ND	
72 4-Methyl-2-pentanone (MIBK)	43		6.818				ND	U
73 Toluene	91		6.960				ND	
74 trans-1,3-Dichloropropene	75		7.232				ND	
78 Tetrachloroethene	166		7.445				ND	
77 1,3-Dichloropropane	76		7.575				ND	
80 2-Hexanone	43		7.610				ND	
82 Chlorodibromomethane	129		7.752				ND	
83 Ethylene Dibromide	107		7.882				ND	
85 Chlorobenzene	112		8.332				ND	7
87 Ethylbenzene	106		8.403				ND	
86 1,1,1,2-Tetrachloroethane	131		8.415				ND	
88 m-Xylene & p-Xylene	106		8.533				ND	
89 o-Xylene	106		8.935				ND	
90 Styrene	104		8.959				ND	
91 Bromoform	173		9.172				ND	
92 Isopropylbenzene	105		9.290				ND	
95 Bromobenzene	156		9.645				ND	
94 1,1,2,2-Tetrachloroethane	83		9.669				ND	
98 N-Propylbenzene	120		9.716				ND	
97 1,2,3-Trichloropropane	110		9.728				ND	
100 2-Chlorotoluene	126		9.834				ND	
102 4-Chlorotoluene	126		9.952				ND	
104 tert-Butylbenzene	119		10.225				ND	
106 1,2,4-Trimethylbenzene	105		10.295				ND	
107 sec-Butylbenzene	134		10.461				ND	
108 1,3-Dichlorobenzene	146		10.615				ND	
109 4-Isopropyltoluene	119		10.615				ND	
110 1,4-Dichlorobenzene	146		10.721				ND	
111 1,2,3-Trimethylbenzene	105		10.745				ND	
113 n-Butylbenzene	91		11.041				ND	
114 1,2-Dichlorobenzene	146		11.112				ND	
115 1,2-Dibromo-3-Chloropropane	157		11.963				ND	
117 1,2,4-Trichlorobenzene	180		12.815				ND	
118 Hexachlorobutadiene	225		12.933				ND	
119 Naphthalene	128		13.087				ND	
120 1,2,3-Trichlorobenzene	180		13.347				ND	
S 131 Xylenes, Total	106		17.230				ND	
T 157 Chlorodifluoromethane TIC	51		2.442				ND	

Calculation RSK175

Sample

GSP-MW-32S-042822

Target Analyte
Analyte Response

Methane
826515

Slope/QR A
B Coefficient

7828.0573
2016.20517

Dilution Factor (DF)
Final Volume
Initial Volume

1
23
23

on column amount

105.3261062

ReportedResult

105.33
110

ug/L
ug/L

Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\ZPID\20220503-118204.b\Z0503009.D
 Lims ID: 240-165824-F-2
 Client ID: GSP-MW-32S-042822
 Sample Type: Client
 Inject. Date: 03-May-2022 17:07:22 ALS Bottle#: 9 Worklist Smp#: 9
 Purge Vol: 1.000 mL Dil. Factor: 1.0000
 Sample Info: 240-0118204-009
 Operator ID: Instrument ID: ZPID

Method: \\chromfs\Canton\ChromData\ZPID\20220503-118204.b\RSK175.m
 Limit Group: GCV RSK 175 ICAL
 Last Update: 04-May-2022 07:27:22 Calib Date: 22-Apr-2022 15:01:56
 Integrator: Falcon
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Canton\ChromData\ZPID\20220422-117917.b\Z0422009.D
 Column 1 : PLOT column for RSK (0.53 mm) Det: GC FID1A
 Process Host: CTX1629

First Level Reviewer: nestorj Date: 04-May-2022 07:24:40

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
--------------	------------------	------------------	----------	-------------------	-------

1 Methane					
1.118	1.119	-0.001	826515	105.3	
2 Ethylene					
1.791	1.792	-0.001	1916	0.2707	
4 Ethane					
2.104	2.109	-0.005	1945	0.2652	
\$ 5 1,1,1-Trifluoroethane					
3.216	3.219	-0.003	35819282	10331	

QC Flag Legend
Processing Flags

Reagents:

SARSKSURR_00014 Amount Added: 20.00 Units: mL Run Reagent

Calculation DRO

Sample
GSP-MW-05-042622

Target Analyte
Analyte Response

C10-C32
33600952

TPH Response

824215.831

ug/l

Dilution Factor (DF)

1

Final Volume

5

Sample volume

250

ml

on column amount

40.76717619

Reported Result

815.34

ug/L

820

ug/L

Eurofins Canton
Target Compound Quantitation Report

Data File: \\chromfs\Canton\ChromData\A2HP14F\20220503-118182.b\F0050311.D
 Lims ID: 240-165585-A-4-A
 Client ID: GSP-MW-05-042622
 Sample Type: Client
 Inject. Date: 03-May-2022 18:05:06 ALS Bottle#: 11 Worklist Smp#: 11
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 240-0118182-011
 Operator ID: Instrument ID: A2HP14F
 Method: \\chromfs\Canton\ChromData\A2HP14F\20220503-118182.b\TPH14FLVI.m
 Limit Group: GC 8015C-D TPH LVI ICAL
 Last Update: 04-May-2022 11:08:17 Calib Date: 07-Mar-2022 18:38:03
 Integrator: Falcon
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Canton\ChromData\A2HP14F\20220307-116792.b\F0030708.D

Column 1 : Det: GC FID1A

Process Host: CTX1656

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ng/ul	Flags
--------------	------------------	------------------	----------	--------------------	-------

A 15 Diesel
 8.085 (4.040-12.130) 28573263 34.7
 A 17 C10-C32
 8.727 (4.040-13.414) 33600952 40.8
 \$ 35 o-Terphenyl
 8.741 8.741 0.000 6275522 6.12

TO: S. BRENNER
SDG: 240-165830-1

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chloroethyl vinyl ether as the affected sample results were qualified for a more severe noncompliance.

- The following contaminants were detected in laboratory method/instrument blanks at the following maximum concentrations:

<u>Contaminant</u>	<u>Maximum Concentration</u>	<u>Reporting Limit (RL) > or <</u>
Unknown (TIC) ⁽¹⁾	5.02 ug/L	
Zinc ⁽²⁾	17.4 ug/L	<
Thallium ⁽³⁾	2.82 ug/L	<

- (1) Maximum concentration present in a method blank (preparation batch 240-525559).
(2) Maximum concentration present in a preparation blank affecting all total and dissolved samples
(3) Maximum concentration present in a continuing calibration blank.

The detected results reported below the RL were qualified as non-detected, (U).

- A TIC search was performed for the compound chlorodifluoromethane for all samples. The laboratory did not detect this compound in the samples in this SDG. The laboratory assigned a reporting limit (RL) of 1 µg/L. Because the GC/MS was not calibrated for this compound, the RL is not considered precise. The non-detected results reported for chlorodifluoromethane were qualified as estimated, (UJ).
- Samples TB-042822 and GSP-EB-WC-042922 had TICs listed by the laboratory. The sample TIC results were qualified as presumptively present, (NJ), with the quantity estimated.
- Detected results reported below the RL but above the Method Detection Limit (MDL) were qualified as estimated, (J).

Notes


Non-detected results were reported to the MDL.

Executive Summary

Laboratory Performance: Non-detected chlorodifluoromethane results were estimated because the compound was evaluated via a TIC library search. Contamination was present in several method/instrument blanks. Several VOC TIC results were qualified as presumptively present.

Other Factors Affecting Data Quality: 2-Chloroethyl vinyl ether results were rejected due to sample preservation. Results below the RL were estimated.

The data for these analyses were reviewed with reference to the "National Functional Guidelines for Organic Review" (November 2020) and "National Functional Guidelines for Inorganic Review" (November 2020). The text of this report has been formulated to address only those areas affecting data quality.



Tetra Tech, Inc.
Joseph A. Samchuck
Data Validation Manager

TO: S. BRENNER
SDG: 240-165830-1

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Attachments:

Appendix A – Qualified Analytical Results
Appendix B – Results as Reported by the Laboratory
Appendix C – Support Documentation

Data Qualifier Definitions

The following definitions provide brief explanations of the validation qualifiers assigned to results in the data review process.

U	The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the adjusted detection limit.
J	The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample (due either to the quality of the data generated because certain quality control criteria were not met, or the concentration of the analyte was below the reporting limit).
J+	The result is an estimated quantity, but the result may be biased high.
J-	The result is an estimated quantity, but the result may be biased low.
UJ	The analyte was analyzed for, but was not detected. The reported detection limit is approximate and may be inaccurate or imprecise.
NJ	The analyte has been "tentatively identified" or "presumptively" as present and the associated numerical value is the estimated concentration in the sample.
R	The sample result (detected) is unusable due to the quality of the data generated because certain criteria were not met. The analyte may or may not be present in the sample.
UR	The sample result (nondetected) is unusable due to the quality of the data generated because certain criteria were not met. The analyte may or may not be present in the sample.
X	The sample results (including non-detects) were affected by serious deficiencies in the ability to analyze the sample and meet published method and project quality control criteria. The presence or absence of the analyte cannot be substantiated by the data provided. Acceptance or rejection of the data should be decided by the project team, but exclusion of the data is recommended.

Qualifier Codes:

- A = Lab Blank Contamination
- B = Field Blank Contamination
- C = Calibration Noncompliance (i.e., % RSDs, %Ds, ICVs, CCVs, RRFs, etc.)
- C01 = GC/MS Tuning Noncompliance
- D = MS/MSD Recovery Noncompliance
- E = LCS/LCSD Recovery Noncompliance
- F = Lab Duplicate Imprecision
- G = Field Duplicate Imprecision
- H = Holding Time Exceedance
- I = ICP Serial Dilution Noncompliance
- J = ICP PDS Recovery Noncompliance; MSA's $r < 0.995$
- K = ICP Interference - includes ICS % R Noncompliance
- L = Instrument Calibration Range Exceedance
- M = Sample Preservation Noncompliance
- N = Internal Standard Noncompliance
- N01 = Internal Standard Recovery Noncompliance Dioxins
- N02 = Recovery Standard Noncompliance Dioxins
- N03 = Clean-up Standard Noncompliance Dioxins
- O = Poor Instrument Performance (i.e., base-time drifting)
- P = Uncertainty near detection limit ($< 2 \times$ IDL for inorganics and $<$ CRQL for organics)
- Q = Other problems (can encompass a number of issues; i.e.chromatography,interferences, etc.)
- R = Surrogates Recovery Noncompliance
- S = Pesticide/PCB Resolution
- T = % Breakdown Noncompliance for DDT and Endrin
- U = RPD between columns/detectors $>40\%$ for positive results determined via GC/HPLC
- V = Non-linear calibrations; correlation coefficient $r < 0.995$
- W = EMPC result
- X = Signal to noise response drop
- Y = Percent solids $<30\%$
- Z = Uncertainty at 2 standard deviations is greater than sample activity
- Z1 = Tentatively Identified Compound considered presumptively present
- Z2 = Tentatively Identified Compound column bleed
- Z3 = Tentatively Identified Compound aldol condensate
- Z4 = Sample activity is less than the at uncertainty at 3 standard deviations and greater than the MDC
- Z5 = Sample activity is less than the at uncertainty at 3 standard deviations and less than the MDC

Appendix A

Qualified Analytical Results

PROJ_NO: 09076 SDG: 240-165830-1 FRACTION: OV MEDIA: WATER	NSAMPLE	GSP-EB-WC-042922			TB-042922		
	LAB_ID	240-165830-6			240-165830-1		
	SAMP_DATE	4/29/2022			4/29/2022		
	QC_TYPE	NM			NM		
	UNITS	UG/L			UG/L		
	PCT_SOLIDS	0.0			0.0		
	DUP_OF						
PARAMETER	RESULT	VQL	QLCD	RESULT	VQL	QLCD	
1,1,1,2-TETRACHLOROETHANE	0.43	U		0.43	U		
1,1,1-TRICHLOROETHANE	0.48	U		0.48	U		
1,1,2,2-TETRACHLOROETHANE	0.6	U		0.6	U		
1,1,2-TRICHLOROTRIFLUOROETHANE	0.41	U		0.41	U		
1,1-DICHLOROETHANE	0.47	U		0.47	U		
1,1-DICHLOROETHENE	0.49	U		0.49	U		
1,1-DICHLOROPROPENE	0.36	U		0.36	U		
1,2,3-TRICHLOROBENZENE	0.54	U		0.54	U		
1,2,3-TRICHLOROPROPANE	0.52	U		0.52	U		
1,2,3-TRIMETHYLBENZENE	0.31	U		0.31	U		
1,2,4-TRICHLOROBENZENE	0.77	U		0.77	U		
1,2,4-TRIMETHYLBENZENE	0.52	U		0.52	U		
1,2-DIBROMO-3-CHLOROPROPANE	0.91	U		0.91	U		
1,2-DIBROMOETHANE	0.41	U		0.41	U		
1,2-DICHLOROBENZENE	0.48	U		0.48	U		
1,2-DICHLOROETHANE	0.21	U		0.21	U		
1,2-DICHLOROPROPANE	0.47	U		0.47	U		
1,3-DICHLOROBENZENE	0.45	U		0.45	U		
1,3-DICHLOROPROPANE	0.21	U		0.21	U		
1,4-DICHLOROBENZENE	0.41	U		0.41	U		
2,2-DICHLOROPROPANE	0.78	U		0.78	U		
2-BUTANONE	1.2	U		1.2	U		
2-CHLOROETHYL VINYL ETHER	1.5	UR	M	1.5	UR	M	
2-CHLOROTOLUENE	0.57	U		0.57	U		
2-HEXANONE	1.1	U		1.1	U		
4-CHLOROTOLUENE	0.43	U		0.43	U		
4-ISOPROPYLTOLUENE	0.56	U		0.56	U		
4-METHYL-2-PENTANONE	0.99	U		0.99	U		
ACETONE	5.4	U		5.4	U		
BENZENE	0.42	U		0.42	U		
BROMOBENZENE	0.5	U		0.5	U		
BROMOCHLOROMETHANE	0.54	U		0.54	U		
BROMODICHLOROMETHANE	0.17	U		0.17	U		
BROMOFORM	0.76	U		0.76	U		
BROMOMETHANE	0.42	U		0.42	U		

PROJ_NO: 09076 SDG: 240-165830-1 FRACTION: OV MEDIA: WATER	NSAMPLE	GSP-EB-WC-042922			TB-042922		
	LAB_ID	240-165830-6			240-165830-1		
	SAMP_DATE	4/29/2022			4/29/2022		
	QC_TYPE	NM			NM		
	UNITS	UG/L			UG/L		
	PCT_SOLIDS	0.0			0.0		
	DUP_OF						
PARAMETER	RESULT	VQL	QLCD	RESULT	VQL	QLCD	
CARBON DISULFIDE	0.59	U		0.59	U		
CARBON TETRACHLORIDE	0.26	U		0.26	U		
CHLOROENZENE	0.38	U		0.38	U		
CHLORODIBROMOMETHANE	0.39	U		0.39	U		
CHLORODIFLUOROMETHANE	1	UJ	Q	1	UJ	Q	
CHLOROETHANE	0.83	U		0.83	U		
CHLOROFORM	0.47	U		0.47	U		
CHLOROMETHANE	0.63	U		0.63	U		
CIS-1,2-DICHLOROETHENE	0.46	U		0.46	U		
CIS-1,3-DICHLOROPROPENE	0.61	U		0.61	U		
DIBROMOMETHANE	0.4	U		0.4	U		
DICHLORODIFLUOROMETHANE	0.35	U		0.35	U		
DIISOPROPYL ETHER	0.17	U		0.17	U		
ETHYL TERT-BUTYL ETHER	0.4	U		0.4	U		
ETHYLBENZENE	0.42	U		0.42	U		
HEXACHLOROBUTADIENE	0.83	UJ	C	0.83	UJ	C	
ISOPROPYLBENZENE	0.49	U		0.49	U		
M+P-XYLENES	0.42	U		0.42	U		
METHYL TERT-BUTYL ETHER	0.47	U		0.47	U		
METHYLENE CHLORIDE	2.6	U		2.6	U		
NAPHTHALENE	0.8	U		0.8	U		
N-BUTYLBENZENE	0.6	U		0.6	U		
N-PROPYLBENZENE	0.57	U		0.57	U		
O-XYLENE	0.42	U		0.42	U		
SEC-BUTYLBENZENE	0.53	U		0.53	U		
STYRENE	0.45	U		0.45	U		
TERT-AMYL METHYL ETHER	0.43	U		0.43	U		
TERT-BUTYLBENZENE	0.48	U		0.48	U		
TERTIARY-BUTYL ALCOHOL	7.2	U		7.2	U		
TETRACHLOROETHENE	0.44	U		0.44	U		
TOLUENE	0.44	U		0.44	U		
TOTAL XYLENES	0.42	U		0.42	U		
TRANS-1,2-DICHLOROETHENE	0.51	U		0.51	U		
TRANS-1,3-DICHLOROPROPENE	0.67	U		0.67	U		
TRICHLOROETHENE	0.44	U		0.44	U		

PROJ_NO: 09076 SDG: 240-165830-1 FRACTION: OV MEDIA: WATER	NSAMPLE	GSP-EB-WC-042922			TB-042922		
	LAB_ID	240-165830-6			240-165830-1		
	SAMP_DATE	4/29/2022			4/29/2022		
	QC_TYPE	NM			NM		
	UNITS	UG/L			UG/L		
	PCT_SOLIDS	0.0			0.0		
	DUP_OF						
PARAMETER	RESULT	VQL	QLCD	RESULT	VQL	QLCD	
TRICHLOROFLUOROMETHANE	0.45	U		0.45	U		
UNKNOWN	5.1	NJ	Z1	7.1	NJ	Z1	
VINYL ACETATE	0.61	UJ	C	0.61	UJ	C	
VINYL CHLORIDE	0.45	U		0.45	U		

PROJ_NO: 09076 SDG: 240-165830-1 FRACTION: M MEDIA: WATER	NSAMPLE	GSP-DUP02-042922			GSP-EB-WC-042922			GSP-MW-34-040922			GSP-MW-37-040922		
	LAB_ID	240-165830-5			240-165830-6			240-165830-4			240-165830-3		
	SAMP_DATE	4/29/2022			4/29/2022			4/29/2022			4/29/2022		
	QC_TYPE	NM			NM			NM			NM		
	UNITS	UG/L			UG/L			UG/L			UG/L		
	PCT_SOLIDS	0.0			0.0			0.0			0.0		
	DUP_OF	GSP-MW-37-040922											
PARAMETER	RESULT	VQL	QLCD	RESULT	VQL	QLCD	RESULT	VQL	QLCD	RESULT	VQL	QLCD	
BERYLLIUM	2.4	J	P	0.6	U		0.77	J	P	2.1	J	P	
COBALT	400			0.75	U		37			360			
IRON	110000			83	U		22000			110000			
MANGANESE	4900			6.2	U		2800			4800			
NICKEL	440			2.2	U		34	J	P	380			
THALLIUM	4.6	J	P	2.7	U		2.8	J	P	6.3	J	P	
VANADIUM	5.6	U		5.6	U		5.6	U		5.6	U		
ZINC	600			9.7	U		72			480			

PROJ_NO: 09076 SDG: 240-165830-1 FRACTION: M MEDIA: WATER	NSAMPLE	GSP-MW-39-042922		
	LAB_ID	240-165830-2		
	SAMP_DATE	4/29/2022		
	QC_TYPE	NM		
	UNITS	UG/L		
	PCT_SOLIDS	0.0		
	DUP_OF			
PARAMETER	RESULT	VQL	QLCD	
BERYLLIUM	0.6	U		
COBALT	1.8	J	P	
IRON	8100			
MANGANESE	180			
NICKEL	3	J	P	
THALLIUM	2.7	U		
VANADIUM	5.6	U		
ZINC	170			

PROJ_NO: 09076 SDG: 240-165830-1 FRACTION: MF MEDIA: WATER	NSAMPLE	GSP-DUP02-042922			GSP-MW-34-040922			GSP-MW-37-040922			GSP-MW-39-042922		
	LAB_ID	240-165830-5			240-165830-4			240-165830-3			240-165830-2		
	SAMP_DATE	4/29/2022			4/29/2022			4/29/2022			4/29/2022		
	QC_TYPE	NM			NM			NM			NM		
	UNITS	UG/L			UG/L			UG/L			UG/L		
	PCT_SOLIDS	0.0			0.0			0.0			0.0		
	DUP_OF												
PARAMETER	RESULT	VQL	QLCD	RESULT	VQL	QLCD	RESULT	VQL	QLCD	RESULT	VQL	QLCD	
BERYLLIUM	3.2	J	P	0.8	J	P	3	J	P	0.6	U		
COBALT	480			37			460			2.4	J	P	
IRON	100000			22000			110000			8500			
MANGANESE	5100			2800			5100			190			
NICKEL	540			35	J	P	510			2.5	J	P	
THALLIUM	3.2	J	P	2.7	U		4.5	J	P	2.9	J	P	
VANADIUM	5.6	U		5.6	U		5.6	U		5.6	U		
ZINC	800			71			720			150			

PROJ_NO: 09076 SDG: 240-165830-1 FRACTION: PET MEDIA: WATER	NSAMPLE	GSP-EB-WC-042922		
	LAB_ID	240-165830-6		
	SAMP_DATE	4/29/2022		
	QC_TYPE	NM		
	UNITS	UG/L		
	PCT_SOLIDS	0.0		
	DUP_OF			
PARAMETER	RESULT	VQL	QLCD	
TPH (C10-C32)	210	U		

PROJ_NO: 09076 SDG: 240-165830-1 FRACTION: MISC MEDIA: WATER	NSAMPLE	GSP-EB-WC-042922		
	LAB_ID	240-165830-6		
	SAMP_DATE	4/29/2022		
	QC_TYPE	NM		
	UNITS	MG/L		
	PCT_SOLIDS	0.0		
	DUP_OF			
PARAMETER	RESULT	VQL	QLCD	
ALKALINITY	2.6	U		

Appendix B

Results as Reported by the Laboratory

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton Job No.: 240-165830-1
 SDG No.: _____
 Client Sample ID: TB-042922 Lab Sample ID: 240-165830-1
 Matrix: Water Lab File ID: u1290478.D
 Analysis Method: 8260C Date Collected: 04/29/2022 00:00
 Sample wt/vol: 5 (mL) Date Analyzed: 05/09/2022 14:31
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 525559 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	5.4	U	10	5.4
71-43-2	Benzene	0.42	U	1.0	0.42
108-86-1	Bromobenzene	0.50	U	1.0	0.50
74-97-5	Bromochloromethane	0.54	U	1.0	0.54
75-27-4	Bromodichloromethane	0.17	U	1.0	0.17
75-25-2	Bromoform	0.76	U	1.0	0.76
74-83-9	Bromomethane	0.42	U	1.0	0.42
78-93-3	2-Butanone	1.2	U	10	1.2
75-15-0	Carbon disulfide	0.59	U	1.0	0.59
56-23-5	Carbon tetrachloride	0.26	U	1.0	0.26
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
75-00-3	Chloroethane	0.83	U	1.0	0.83
110-75-8	2-Chloroethyl vinyl ether	1.5	U	10	1.5
67-66-3	Chloroform	0.47	U	1.0	0.47
74-87-3	Chloromethane	0.63	U	1.0	0.63
95-49-8	2-Chlorotoluene	0.57	U	1.0	0.57
106-43-4	4-Chlorotoluene	0.43	U	1.0	0.43
156-59-2	cis-1,2-Dichloroethene	0.46	U	1.0	0.46
10061-01-5	cis-1,3-Dichloropropene	0.61	U	1.0	0.61
124-48-1	Dibromochloromethane	0.39	U	1.0	0.39
96-12-8	1,2-Dibromo-3-Chloropropane	0.91	U	2.0	0.91
106-93-4	1,2-Dibromoethane	0.41	U	1.0	0.41
74-95-3	Dibromomethane	0.40	U	1.0	0.40
95-50-1	1,2-Dichlorobenzene	0.48	U	1.0	0.48
541-73-1	1,3-Dichlorobenzene	0.45	U	1.0	0.45
106-46-7	1,4-Dichlorobenzene	0.41	U	1.0	0.41
75-71-8	Dichlorodifluoromethane	0.35	U	1.0	0.35
75-34-3	1,1-Dichloroethane	0.47	U	1.0	0.47
107-06-2	1,2-Dichloroethane	0.21	U	1.0	0.21
75-35-4	1,1-Dichloroethene	0.49	U	1.0	0.49
78-87-5	1,2-Dichloropropane	0.47	U	1.0	0.47
142-28-9	1,3-Dichloropropane	0.21	U	1.0	0.21
594-20-7	2,2-Dichloropropane	0.78	U	1.0	0.78
563-58-6	1,1-Dichloropropene	0.36	U	1.0	0.36
108-20-3	Diisopropyl ether	0.17	U	10	0.17
100-41-4	Ethylbenzene	0.42	U	1.0	0.42

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton Job No.: 240-165830-1
 SDG No.: _____
 Client Sample ID: TB-042922 Lab Sample ID: 240-165830-1
 Matrix: Water Lab File ID: u1290478.D
 Analysis Method: 8260C Date Collected: 04/29/2022 00:00
 Sample wt/vol: 5 (mL) Date Analyzed: 05/09/2022 14:31
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 525559 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
637-92-3	Ethyl tert-Butyl Ether (ETBE)	0.40	U	5.0	0.40
87-68-3	Hexachlorobutadiene	0.83	U	1.0	0.83
591-78-6	2-Hexanone	1.1	U	10	1.1
98-82-8	Isopropylbenzene	0.49	U	1.0	0.49
75-09-2	Methylene Chloride	2.6	U	5.0	2.6
108-10-1	4-Methyl-2-pentanone	0.99	U	10	0.99
1634-04-4	Methyl-tert-butyl Ether (MTBE)	0.47	U	1.0	0.47
179601-23-1	m-Xylene & p-Xylene	0.42	U	2.0	0.42
91-20-3	Naphthalene	0.80	U	1.0	0.80
104-51-8	n-Butylbenzene	0.60	U	1.0	0.60
103-65-1	n-Propylbenzene	0.57	U	1.0	0.57
95-47-6	o-Xylene	0.42	U	1.0	0.42
99-87-6	p-Isopropyltoluene	0.56	U	1.0	0.56
135-98-8	sec-Butylbenzene	0.53	U	1.0	0.53
100-42-5	Styrene	0.45	U	1.0	0.45
994-05-8	Tert-amyl-methyl ether (TAME)	0.43	U	5.0	0.43
75-65-0	tert-Butyl alcohol	7.2	U	40	7.2
98-06-6	tert-Butylbenzene	0.48	U	1.0	0.48
630-20-6	1,1,1,2-Tetrachloroethane	0.43	U	1.0	0.43
79-34-5	1,1,2,2-Tetrachloroethane	0.60	U	1.0	0.60
127-18-4	Tetrachloroethene	0.44	U	1.0	0.44
108-88-3	Toluene	0.44	U	1.0	0.44
156-60-5	trans-1,2-Dichloroethene	0.51	U	1.0	0.51
10061-02-6	trans-1,3-Dichloropropene	0.67	U	1.0	0.67
87-61-6	1,2,3-Trichlorobenzene	0.54	U	1.0	0.54
120-82-1	1,2,4-Trichlorobenzene	0.77	U	1.0	0.77
71-55-6	1,1,1-Trichloroethane	0.48	U	1.0	0.48
79-01-6	Trichloroethene	0.44	U	1.0	0.44
75-69-4	Trichlorofluoromethane	0.45	U	1.0	0.45
96-18-4	1,2,3-Trichloropropane	0.52	U	1.0	0.52
76-13-1	1,1,2-Trichloro-1,2,2-trichloroethane	0.41	U	1.0	0.41
526-73-8	1,2,3-Trimethylbenzene	0.31	U	5.0	0.31
95-63-6	1,2,4-Trimethylbenzene	0.52	U	1.0	0.52
108-05-4	Vinyl acetate	0.61	U	2.0	0.61
75-01-4	Vinyl chloride	0.45	U	1.0	0.45

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton Job No.: 240-165830-1
 SDG No.: _____
 Client Sample ID: TB-042922 Lab Sample ID: 240-165830-1
 Matrix: Water Lab File ID: u1290478.D
 Analysis Method: 8260C Date Collected: 04/29/2022 00:00
 Sample wt/vol: 5 (mL) Date Analyzed: 05/09/2022 14:31
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 525559 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1330-20-7	Xylenes, Total	0.42	U	2.0	0.42

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	90		56-136
1868-53-7	Dibromofluoromethane (Surr)	99		73-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		62-137
2037-26-5	Toluene-d8 (Surr)	96		78-122

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Canton Job No.: 240-165830-1
 SDG No.: _____
 Client Sample ID: TB-042922 Lab Sample ID: 240-165830-1
 Matrix: Water Lab File ID: u1290478.D
 Analysis Method: 8260C Date Collected: 04/29/2022 00:00
 Sample wt/vol: 5 (mL) Date Analyzed: 05/09/2022 14:31
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 525559 Units: ug/L
 Number TICs Found: 1 TIC Result Total: 7.1

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Unknown	1.85	7.1	T J	

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TARGETED TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Canton Job No.: 240-165830-1
 SDG No.: _____
 Client Sample ID: TB-042922 Lab Sample ID: 240-165830-1
 Matrix: Water Lab File ID: u1290478.D
 Analysis Method: 8260C Date Collected: 04/29/2022 00:00
 Sample wt/vol: 5 (mL) Date Analyzed: 05/09/2022 14:31
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 525559 Units: ug/L

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
75-45-6	Chlorodifluoromethane TIC		1.0	U	

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton Job No.: 240-165830-1
 SDG No.: _____
 Client Sample ID: GSP-EB-WC-042922 Lab Sample ID: 240-165830-6
 Matrix: Water Lab File ID: u1290479.D
 Analysis Method: 8260C Date Collected: 04/29/2022 14:30
 Sample wt/vol: 5(mL) Date Analyzed: 05/09/2022 14:53
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 525559 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	5.4	U	10	5.4
71-43-2	Benzene	0.42	U	1.0	0.42
108-86-1	Bromobenzene	0.50	U	1.0	0.50
74-97-5	Bromochloromethane	0.54	U	1.0	0.54
75-27-4	Bromodichloromethane	0.17	U	1.0	0.17
75-25-2	Bromoform	0.76	U	1.0	0.76
74-83-9	Bromomethane	0.42	U	1.0	0.42
78-93-3	2-Butanone	1.2	U	10	1.2
75-15-0	Carbon disulfide	0.59	U	1.0	0.59
56-23-5	Carbon tetrachloride	0.26	U	1.0	0.26
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
75-00-3	Chloroethane	0.83	U	1.0	0.83
110-75-8	2-Chloroethyl vinyl ether	1.5	U	10	1.5
67-66-3	Chloroform	0.47	U	1.0	0.47
74-87-3	Chloromethane	0.63	U	1.0	0.63
95-49-8	2-Chlorotoluene	0.57	U	1.0	0.57
106-43-4	4-Chlorotoluene	0.43	U	1.0	0.43
156-59-2	cis-1,2-Dichloroethene	0.46	U	1.0	0.46
10061-01-5	cis-1,3-Dichloropropene	0.61	U	1.0	0.61
124-48-1	Dibromochloromethane	0.39	U	1.0	0.39
96-12-8	1,2-Dibromo-3-Chloropropane	0.91	U	2.0	0.91
106-93-4	1,2-Dibromoethane	0.41	U	1.0	0.41
74-95-3	Dibromomethane	0.40	U	1.0	0.40
95-50-1	1,2-Dichlorobenzene	0.48	U	1.0	0.48
541-73-1	1,3-Dichlorobenzene	0.45	U	1.0	0.45
106-46-7	1,4-Dichlorobenzene	0.41	U	1.0	0.41
75-71-8	Dichlorodifluoromethane	0.35	U	1.0	0.35
75-34-3	1,1-Dichloroethane	0.47	U	1.0	0.47
107-06-2	1,2-Dichloroethane	0.21	U	1.0	0.21
75-35-4	1,1-Dichloroethene	0.49	U	1.0	0.49
78-87-5	1,2-Dichloropropane	0.47	U	1.0	0.47
142-28-9	1,3-Dichloropropane	0.21	U	1.0	0.21
594-20-7	2,2-Dichloropropane	0.78	U	1.0	0.78
563-58-6	1,1-Dichloropropene	0.36	U	1.0	0.36
108-20-3	Diisopropyl ether	0.17	U	10	0.17
100-41-4	Ethylbenzene	0.42	U	1.0	0.42

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton Job No.: 240-165830-1
 SDG No.: _____
 Client Sample ID: GSP-EB-WC-042922 Lab Sample ID: 240-165830-6
 Matrix: Water Lab File ID: u1290479.D
 Analysis Method: 8260C Date Collected: 04/29/2022 14:30
 Sample wt/vol: 5 (mL) Date Analyzed: 05/09/2022 14:53
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 525559 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
637-92-3	Ethyl tert-Butyl Ether (ETBE)	0.40	U	5.0	0.40
87-68-3	Hexachlorobutadiene	0.83	U	1.0	0.83
591-78-6	2-Hexanone	1.1	U	10	1.1
98-82-8	Isopropylbenzene	0.49	U	1.0	0.49
75-09-2	Methylene Chloride	2.6	U	5.0	2.6
108-10-1	4-Methyl-2-pentanone	0.99	U	10	0.99
1634-04-4	Methyl-tert-butyl Ether (MTBE)	0.47	U	1.0	0.47
179601-23-1	m-Xylene & p-Xylene	0.42	U	2.0	0.42
91-20-3	Naphthalene	0.80	U	1.0	0.80
104-51-8	n-Butylbenzene	0.60	U	1.0	0.60
103-65-1	n-Propylbenzene	0.57	U	1.0	0.57
95-47-6	o-Xylene	0.42	U	1.0	0.42
99-87-6	p-Isopropyltoluene	0.56	U	1.0	0.56
135-98-8	sec-Butylbenzene	0.53	U	1.0	0.53
100-42-5	Styrene	0.45	U	1.0	0.45
994-05-8	Tert-amyl-methyl ether (TAME)	0.43	U	5.0	0.43
75-65-0	tert-Butyl alcohol	7.2	U	40	7.2
98-06-6	tert-Butylbenzene	0.48	U	1.0	0.48
630-20-6	1,1,1,2-Tetrachloroethane	0.43	U	1.0	0.43
79-34-5	1,1,2,2-Tetrachloroethane	0.60	U	1.0	0.60
127-18-4	Tetrachloroethene	0.44	U	1.0	0.44
108-88-3	Toluene	0.44	U	1.0	0.44
156-60-5	trans-1,2-Dichloroethene	0.51	U	1.0	0.51
10061-02-6	trans-1,3-Dichloropropene	0.67	U	1.0	0.67
87-61-6	1,2,3-Trichlorobenzene	0.54	U	1.0	0.54
120-82-1	1,2,4-Trichlorobenzene	0.77	U	1.0	0.77
71-55-6	1,1,1-Trichloroethane	0.48	U	1.0	0.48
79-01-6	Trichloroethene	0.44	U	1.0	0.44
75-69-4	Trichlorofluoromethane	0.45	U	1.0	0.45
96-18-4	1,2,3-Trichloropropane	0.52	U	1.0	0.52
76-13-1	1,1,2-Trichloro-1,2,2-trichloroethane	0.41	U	1.0	0.41
526-73-8	1,2,3-Trimethylbenzene	0.31	U	5.0	0.31
95-63-6	1,2,4-Trimethylbenzene	0.52	U	1.0	0.52
108-05-4	Vinyl acetate	0.61	U	2.0	0.61
75-01-4	Vinyl chloride	0.45	U	1.0	0.45

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton Job No.: 240-165830-1
 SDG No.: _____
 Client Sample ID: GSP-EB-WC-042922 Lab Sample ID: 240-165830-6
 Matrix: Water Lab File ID: u1290479.D
 Analysis Method: 8260C Date Collected: 04/29/2022 14:30
 Sample wt/vol: 5 (mL) Date Analyzed: 05/09/2022 14:53
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 525559 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1330-20-7	Xylenes, Total	0.42	U	2.0	0.42

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	87		56-136
1868-53-7	Dibromofluoromethane (Surr)	97		73-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		62-137
2037-26-5	Toluene-d8 (Surr)	92		78-122

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Canton Job No.: 240-165830-1
 SDG No.: _____
 Client Sample ID: GSP-EB-WC-042922 Lab Sample ID: 240-165830-6
 Matrix: Water Lab File ID: u1290479.D
 Analysis Method: 8260C Date Collected: 04/29/2022 14:30
 Sample wt/vol: 5 (mL) Date Analyzed: 05/09/2022 14:53
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 525559 Units: ug/L
 Number TICs Found: 1 TIC Result Total: 5.1

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Unknown	1.85	5.1	T J	

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TARGETED TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Canton Job No.: 240-165830-1
 SDG No.: _____
 Client Sample ID: GSP-EB-WC-042922 Lab Sample ID: 240-165830-6
 Matrix: Water Lab File ID: u1290479.D
 Analysis Method: 8260C Date Collected: 04/29/2022 14:30
 Sample wt/vol: 5 (mL) Date Analyzed: 05/09/2022 14:53
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 525559 Units: ug/L

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
75-45-6	Chlorodifluoromethane TIC		1.0	U	

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton Job No.: 240-165830-1
 SDG No.: _____
 Client Sample ID: GSP-EB-WC-042922 Lab Sample ID: 240-165830-6
 Matrix: Water Lab File ID: F0050610.D
 Analysis Method: 8015D Date Collected: 04/29/2022 14:30
 Extraction Method: 3510C LVI Date Extracted: 05/05/2022 11:43
 Sample wt/vol: 270 (mL) Date Analyzed: 05/06/2022 15:41
 Con. Extract Vol.: 5 (mL) Dilution Factor: 1
 Injection Volume: 1 (uL) GC Column: Rxi-5HT ID: 0.53 (mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 525427 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00141	DRO (C10-C32)	210	U	460	210

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl (Surr)	64		52-121

1A-IN
 INORGANIC ANALYSIS DATA SHEET
 METALS - TOTAL RECOVERABLE

Client Sample ID: GSP-MW-39-042922

Lab Sample ID: 240-165830-2

Lab Name: Eurofins Canton

Job No.: 240-165830-1

SDG ID.: _____

Matrix: Water

Date Sampled: 04/29/2022 10:07

Reporting Basis: WET

Date Received: 04/30/2022 09:50

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-41-7	Beryllium	0.60	5.0	0.60	ug/L	U		1	6010D
7440-48-4	Cobalt	1.8	10	0.75	ug/L	J		1	6010D
7439-89-6	Iron	8100	200	83	ug/L			1	6010D
7439-96-5	Manganese	180	15	6.2	ug/L			1	6010D
7440-02-0	Nickel	3.0	40	2.2	ug/L	J		1	6010D
7440-28-0	Thallium	2.7	20	2.7	ug/L	U		1	6010D
7440-62-2	Vanadium	5.6	50	5.6	ug/L	U		1	6010D
7440-66-6	Zinc	170	50	9.7	ug/L		B	1	6010D

1A-IN
 INORGANIC ANALYSIS DATA SHEET
 METALS - DISSOLVED

Client Sample ID: GSP-MW-39-042922

Lab Sample ID: 240-165830-2

Lab Name: Eurofins Canton

Job No.: 240-165830-1

SDG ID.: _____

Matrix: Water

Date Sampled: 04/29/2022 10:07

Reporting Basis: WET

Date Received: 04/30/2022 09:50

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-41-7	Beryllium	0.60	5.0	0.60	ug/L	U		1	6010D
7440-48-4	Cobalt	2.4	10	0.75	ug/L	J		1	6010D
7439-89-6	Iron	8500	200	83	ug/L			1	6010D
7439-96-5	Manganese	190	15	6.2	ug/L			1	6010D
7440-02-0	Nickel	2.5	40	2.2	ug/L	J		1	6010D
7440-28-0	Thallium	2.9	20	2.7	ug/L	J		1	6010D
7440-62-2	Vanadium	5.6	50	5.6	ug/L	U		1	6010D
7440-66-6	Zinc	150	50	9.7	ug/L		B	1	6010D

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - TOTAL RECOVERABLE

Client Sample ID: GSP-MW-37-040922

Lab Sample ID: 240-165830-3

Lab Name: Eurofins Canton

Job No.: 240-165830-1

SDG ID.: _____

Matrix: Water

Date Sampled: 04/29/2022 11:16

Reporting Basis: WET

Date Received: 04/30/2022 09:50

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-41-7	Beryllium	2.1	5.0	0.60	ug/L	J		1	6010D
7440-48-4	Cobalt	360	10	0.75	ug/L			1	6010D
7439-89-6	Iron	110000	200	83	ug/L			1	6010D
7439-96-5	Manganese	4800	15	6.2	ug/L			1	6010D
7440-02-0	Nickel	380	40	2.2	ug/L			1	6010D
7440-28-0	Thallium	6.3	20	2.7	ug/L	J		1	6010D
7440-62-2	Vanadium	5.6	50	5.6	ug/L	U		1	6010D
7440-66-6	Zinc	480	50	9.7	ug/L		B	1	6010D

1A-IN
 INORGANIC ANALYSIS DATA SHEET
 METALS - DISSOLVED

Client Sample ID: GSP-MW-37-040922

Lab Sample ID: 240-165830-3

Lab Name: Eurofins Canton

Job No.: 240-165830-1

SDG ID.: _____

Matrix: Water

Date Sampled: 04/29/2022 11:16

Reporting Basis: WET

Date Received: 04/30/2022 09:50

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-41-7	Beryllium	3.0	5.0	0.60	ug/L	J		1	6010D
7440-48-4	Cobalt	460	10	0.75	ug/L			1	6010D
7439-89-6	Iron	110000	200	83	ug/L			1	6010D
7439-96-5	Manganese	5100	15	6.2	ug/L			1	6010D
7440-02-0	Nickel	510	40	2.2	ug/L			1	6010D
7440-28-0	Thallium	4.5	20	2.7	ug/L	J		1	6010D
7440-62-2	Vanadium	5.6	50	5.6	ug/L	U		1	6010D
7440-66-6	Zinc	720	50	9.7	ug/L		B	1	6010D

1A-IN
 INORGANIC ANALYSIS DATA SHEET
 METALS - TOTAL RECOVERABLE

Client Sample ID: GSP-MW-34-040922

Lab Sample ID: 240-165830-4

Lab Name: Eurofins Canton

Job No.: 240-165830-1

SDG ID.: _____

Matrix: Water

Date Sampled: 04/29/2022 13:49

Reporting Basis: WET

Date Received: 04/30/2022 09:50

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-41-7	Beryllium	0.77	5.0	0.60	ug/L	J		1	6010D
7440-48-4	Cobalt	37	10	0.75	ug/L			1	6010D
7439-89-6	Iron	22000	200	83	ug/L			1	6010D
7439-96-5	Manganese	2800	15	6.2	ug/L			1	6010D
7440-02-0	Nickel	34	40	2.2	ug/L	J		1	6010D
7440-28-0	Thallium	2.8	20	2.7	ug/L	J		1	6010D
7440-62-2	Vanadium	5.6	50	5.6	ug/L	U		1	6010D
7440-66-6	Zinc	72	50	9.7	ug/L		B	1	6010D

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

Client Sample ID: GSP-MW-34-040922

Lab Sample ID: 240-165830-4

Lab Name: Eurofins Canton

Job No.: 240-165830-1

SDG ID.: _____

Matrix: Water

Date Sampled: 04/29/2022 13:49

Reporting Basis: WET

Date Received: 04/30/2022 09:50

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-41-7	Beryllium	0.80	5.0	0.60	ug/L	J		1	6010D
7440-48-4	Cobalt	37	10	0.75	ug/L			1	6010D
7439-89-6	Iron	22000	200	83	ug/L			1	6010D
7439-96-5	Manganese	2800	15	6.2	ug/L			1	6010D
7440-02-0	Nickel	35	40	2.2	ug/L	J		1	6010D
7440-28-0	Thallium	2.7	20	2.7	ug/L	U		1	6010D
7440-62-2	Vanadium	5.6	50	5.6	ug/L	U		1	6010D
7440-66-6	Zinc	71	50	9.7	ug/L		B	1	6010D

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - TOTAL RECOVERABLE

Client Sample ID: GSP-DUP02-042922

Lab Sample ID: 240-165830-5

Lab Name: Eurofins Canton

Job No.: 240-165830-1

SDG ID.: _____

Matrix: Water

Date Sampled: 04/29/2022 00:00

Reporting Basis: WET

Date Received: 04/30/2022 09:50

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-41-7	Beryllium	2.4	5.0	0.60	ug/L	J		1	6010D
7440-48-4	Cobalt	400	10	0.75	ug/L			1	6010D
7439-89-6	Iron	110000	200	83	ug/L			1	6010D
7439-96-5	Manganese	4900	15	6.2	ug/L			1	6010D
7440-02-0	Nickel	440	40	2.2	ug/L			1	6010D
7440-28-0	Thallium	4.6	20	2.7	ug/L	J		1	6010D
7440-62-2	Vanadium	5.6	50	5.6	ug/L	U		1	6010D
7440-66-6	Zinc	600	50	9.7	ug/L		B	1	6010D

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

Client Sample ID: GSP-DUP02-042922

Lab Sample ID: 240-165830-5

Lab Name: Eurofins Canton

Job No.: 240-165830-1

SDG ID.: _____

Matrix: Water

Date Sampled: 04/29/2022 00:00

Reporting Basis: WET

Date Received: 04/30/2022 09:50

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-41-7	Beryllium	3.2	5.0	0.60	ug/L	J		1	6010D
7440-48-4	Cobalt	480	10	0.75	ug/L			1	6010D
7439-89-6	Iron	100000	200	83	ug/L			1	6010D
7439-96-5	Manganese	5100	15	6.2	ug/L			1	6010D
7440-02-0	Nickel	540	40	2.2	ug/L			1	6010D
7440-28-0	Thallium	3.2	20	2.7	ug/L	J		1	6010D
7440-62-2	Vanadium	5.6	50	5.6	ug/L	U		1	6010D
7440-66-6	Zinc	800	50	9.7	ug/L		B	1	6010D

1A-IN
 INORGANIC ANALYSIS DATA SHEET
 METALS - TOTAL RECOVERABLE

Client Sample ID: GSP-EB-WC-042922

Lab Sample ID: 240-165830-6

Lab Name: Eurofins Canton

Job No.: 240-165830-1

SDG ID.: _____

Matrix: Water

Date Sampled: 04/29/2022 14:30

Reporting Basis: WET

Date Received: 04/30/2022 09:50

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-41-7	Beryllium	0.60	5.0	0.60	ug/L	U		1	6010D
7440-48-4	Cobalt	0.75	10	0.75	ug/L	U		1	6010D
7439-89-6	Iron	83	200	83	ug/L	U		1	6010D
7439-96-5	Manganese	6.2	15	6.2	ug/L	U		1	6010D
7440-02-0	Nickel	2.2	40	2.2	ug/L	U		1	6010D
7440-28-0	Thallium	2.7	20	2.7	ug/L	U		1	6010D
7440-62-2	Vanadium	5.6	50	5.6	ug/L	U		1	6010D
7440-66-6	Zinc	9.7	50	9.7	ug/L	U		1	6010D

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: GSP-EB-WC-042922

Lab Sample ID: 240-165830-6

Lab Name: Eurofins Canton

Job No.: 240-165830-1

SDG ID.: _____

Matrix: Water

Date Sampled: 04/29/2022 14:30

Reporting Basis: WET

Date Received: 04/30/2022 09:50

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
	Alkalinity	2.6	5.0	2.6	mg/L	U		1	2320B-19 97

Appendix C

Support Documentation

ANALYTICAL REPORT

Job Number: 240-165830-1

Job Description: GSP MNA LTM

For:

Tetra Tech, Inc.

20251 Century Blvd

Suite 200

Germantown, MD 20874

Attention: Amy McGivney



Approved for release.
Roxanne Cisneros
Senior Project Manager
5/11/2022 4:10 PM

Roxanne Cisneros, Senior Project Manager
180 S. Van Buren Avenue, Barberton, OH, 44203
(615)301-5761
roxanne.cisneros@et.eurofinsus.com
05/11/2022

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This report is confidential and is intended for the sole use of Eurofins Environment Testing North Central, LLC and its client. All questions regarding this report should be directed to the Eurofins Environment Testing North Central, LLC Project Manager who has signed this report.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing North Central, LLC Project Manager.

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.

Eurofins Canton

180 S. Van Buren Avenue, Barberton, OH 44203

Tel (330) 497-9396 Fax (330) 497-0772 www.EurofinsUS.com

Job Narrative
240-165830-1

Comments

No additional comments.

Receipt

The samples were received on 4/30/2022 9:50 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 0.1° C.

GC/MS VOA

Method 8260C: The continuing calibration verification (CCV) analyzed in batch 240-525559 was outside the method criteria for 2-chloroethyl vinyl ether, and vinyl acetate. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8260C: The preservative used in the sample containers provided is not compatible with one of the Method 8260 analytes requested. The following samples were received preserved with hydrochloric acid: TB-042922 (240-165830-1) and GSP-EB-WC-042922 (240-165830-6). The requested target analyte list includes 2-Chloroethyl vinyl ether, an acid-labile compound that degrades in an acidic medium.

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

GC Semi VOA

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

Metals

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

Field Service / Mobile Lab

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

General Chemistry

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

Organic Prep

Method 3510C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 240-525295.

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

VOA Prep

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

0.1/0.1

**Baltimore
#201**

Eurofins Environment Testing America - Canton
180 S. Van Buren Ave,
Barberton, OH, 44203

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client Contact Tetra Tech 20251 Century Blvd, Suite 200 Germantown, MD 20874 (301) 528-3021 Phone (301) 528-3000 FAX Project Name: GSP MNA LTM Site: GSP Project # 112IC09076		Project Manager: Samantha Brenner Tel: (301) 528-3056 Analysis Turnaround Time Calendar (C) or Work Days (W) TAT if different from Below: STANDARD <input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day		Site Contact: Josh Mullis Lab Contact: Cisneros		Date: 4/29/22 Carrier: Fedex		COC No: 1 of 1 COCs Job No. SDG No. Sampler: Walt Pryor Sample Specific Notes: see metals list										
Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	VOCs (8260B)	TPH-DRO (8015B)	Alkalinity (SM)	Methane, Ethane, Ethene (RSK-175)	Metals (6010C)**	Dissolved Metals (6010C)**						
TB- 042922 SP-MW-39-042922 SP-MW-37-042922 SP-MW-34-042922 SP-Dup02-042922 SP-EB-WL-042922	4/29/22	0000 1007 1116 1349 0500 1430	BLANK G Y	Water GW Y	2 2 2 2 2 6	X - - - - - 3	- - - - - 2	- - - - - 1	- - - - - -	- - - - - -	- - - - - -	- - - - - -						
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other Ammonium Chloride						2 1 1 2 4 4												
Possible Hazard Identification <input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown						Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input checked="" type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months												
Special Instructions/QC Requirements & Comments: GSP MNA LTM Groundwater sampling - please limit SDGs to 20 samples per SDG.																		
**Specific Metals list: Beryllium, nickel, thallium, zinc, cobalt, iron, manganese, vanadium																		
Relinquished by:		Company: IF INC		Date/Time: 4/29/22 15:15		Received by:		Company: FEET		Date/Time: 4/29/22 15:15								
Relinquished by:		Company: FEET		Date/Time: 4/29/22 1200		Received by:		Company: FEETWC		Date/Time: 4-30-22 930								
Relinquished by:		Company:		Date/Time:		Received by:		Company:		Date/Time:								



05/11/2022

Eurofins TestAmerica Canton Sample Receipt Form/Narrative
Canton Facility

Login # : 165830

Client Tetra Tech Site Name _____
 Cooler Received on 4-30-22 Opened on 5-2-22
 FedEx: 1st Grd UPS FAS Clipper Client Drop Off TestAmerica Courier Other _____

Cooler unpacked by:
Moff

Receipt After-hours: Drop-off Date/Time _____ Storage Location _____

TestAmerica Cooler # 78 Foam Box Client Cooler Box Other _____
 Packing material used: Bubble Wrap Foam Plastic Bag None Other _____
 COOLANT: Wet Ice Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt See Multiple Cooler Form
 IR GUN# IR-13 (CF 0.0 °C) Observed Cooler Temp. 0.1 °C Corrected Cooler Temp. 0.1 °C
 IR GUN #IR-15 (CF -0.7°C) Observed Cooler Temp. _____ °C Corrected Cooler Temp. _____ °C
2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity 1 Yes No
 -Were the seals on the outside of the cooler(s) signed & dated? Yes No NA
 -Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)? Yes No NA
 -Were tamper/custody seals intact and uncompromised? Yes No NA
3. Shippers' packing slip attached to the cooler(s)? Yes No
 4. Did custody papers accompany the sample(s)? Yes No
 5. Were the custody papers relinquished & signed in the appropriate place? Yes No
 6. Was/were the person(s) who collected the samples clearly identified on the COC? Yes No
 7. Did all bottles arrive in good condition (Unbroken)? Yes No
 8. Could all bottle labels (ID/Date/Time) be reconciled with the COC? Yes No
 9. For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N), and sample type of grab/comp (Y/N)?
 10. Were correct bottle(s) used for the test(s) indicated? Yes No
 11. Sufficient quantity received to perform indicated analyses? Yes No
 12. Are these work share samples and all listed on the COC? Yes No
 If yes, Questions 13-17 have been checked at the originating laboratory.
13. Were all preserved sample(s) at the correct pH upon receipt? Yes No NA pH Strip Lot# HC157842
 14. Were VOAs on the COC? Yes No
 15. Were air bubbles >6 mm in any VOA vials? Yes No NA **● ← Larger than this.**
 16. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot # 01287016 Yes No
 17. Was a LL Hg or Me Hg trip blank present? Yes No

Tests that are not checked for pH by Receiving:
 VOAs
 Oil and Grease
 TOC

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other _____

Concerning _____

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES additional next page

Samples processed by: _____

19. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.
 Sample(s) _____ were received in a broken container.
 Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

20. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory.
 Time preserved: _____ Preservative(s) added/Lot number(s): _____

VOA Sample Preservation - Date/Time VOAs Frozen: _____

0.1/0.1

Baltimore
#201

Eurofins Environment Testing America - Canton
180 S. Van Buren Ave,
Barberton, OH, 44203

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client Contact		Project Manager: Samantha Brenner			Site Contact: Josh Mullis			Date: 4/29/22		COC No:	
Tetra Tech		Tel: (301) 528-3056			Lab Contact: Cisneros			Carrier: Fedex		1 of (COCs	
20251 Century Blvd, Suite 200		Analysis Turnaround Time			Filtered Sample VOCs (8260B) TPH-DRO (8015B) Alkalinity (SM) Methane, Ethane, Ethene (RSK-175) Metals (6010C)** Dissolved Metals (6010C)**		Job No. SDG No. Sampler: Walt Pryor Sample Specific Notes: see metals list				
Germantown, MD 20874		Calendar (C) or Work Days (W)									
(301) 528-3021 Phone		TAT if different from Below: STANDARD									
(301) 528-3000 FAX		<input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day									
Project Name: GSP MNA LTM											
Site: GSP											
Project # 112IC09076											
Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	VOCs (8260B)	TPH-DRO (8015B)	Alkalinity (SM)	Methane, Ethane, Ethene (RSK-175)	Metals (6010C)**	Dissolved Metals (6010C)**
Page 1 of 10 TB- 042922	4/29/22	0000	BLANK	Water	2	X	-	-	-	-	-
SP-MW-39-042922		1007	G	GW	2	-	-	-	-	-	-
SP-MW-37-042922		1116			2	-	-	-	-	-	-
SP-MW-34-042922		1349			2	-	-	-	-	-	-
SP-Dup02-042922		0000			2	-	-	-	-	-	-
SP-EB-WL-042922		1430			6	3	2	1	-	-	-
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other Ammonium Chloride						2	1	1	2	4	4
Possible Hazard Identification						Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)					
<input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown						<input type="checkbox"/> Return To Client <input checked="" type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months					
Special Instructions/QC Requirements & Comments: GSP MNA LTM Groundwater sampling - please limit SDGs to 20 samples per SDG.											
**Specific Metals list: Beryllium, nickel, thallium, zinc, cobalt, iron, manganese, vanadium											
Relinquished by:		Company: T7 INC		Date/Time: 4/29/22 15:15		Received by:		Company: EETUC		Date/Time: 4/29/22 15:15	
Relinquished by:		Company: EETUC		Date/Time: 4/29/22 1200		Received by:		Company: EETUC		Date/Time: 4-30-22 930	
Relinquished by:		Company:		Date/Time:		Received by:		Company:		Date/Time:	



05/11/2022

Eurofins TestAmerica Canton Sample Receipt Form/Narrative

Login # : 165830

Canton Facility

Client Tetra Tech Site Name

Cooler unpacked by:

Cooler Received on 4-30-22 Opened on 5-2-22

Moff

FedEx: 1st Grd Exp UPS FAS Clipper Client Drop Off TestAmerica Courier Other

Receipt After-hours: Drop-off Date/Time Storage Location

TestAmerica Cooler # 173 Foam Box Client Cooler Box Other

Packing material used: Bubble Wrap Foam Plastic Bag None Other

COOLANT: Wet Ice Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt IR GUN# IR-13 (CF 0.0 °C) Observed Cooler Temp. 0.1 °C Corrected Cooler Temp. 0.1 °C

2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity Yes No

3. Shippers' packing slip attached to the cooler(s)? Yes No

4. Did custody papers accompany the sample(s)? Yes No

5. Were the custody papers relinquished & signed in the appropriate place? Yes No

6. Was/were the person(s) who collected the samples clearly identified on the COC? Yes No

7. Did all bottles arrive in good condition (Unbroken)? Yes No

8. Could all bottle labels (ID/Date/Time) be reconciled with the COC? Yes No

9. For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N), and sample type of grab/comp (Y/N)?

10. Were correct bottle(s) used for the test(s) indicated? Yes No

11. Sufficient quantity received to perform indicated analyses? Yes No

12. Are these work share samples and all listed on the COC? Yes No

If yes, Questions 13-17 have been checked at the originating laboratory.

13. Were all preserved sample(s) at the correct pH upon receipt? Yes No NA pH Strip Lot# HC157842

14. Were VOAs on the COC? Yes No

15. Were air bubbles >6 mm in any VOA vials? Yes No NA

16. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot # 01287016 Yes No

17. Was a LL Hg or Me Hg trip blank present? Yes No

Tests that are not checked for pH by Receiving: VOAs Oil and Grease TOC

Contacted PM Date by via Verbal Voice Mail Other

Concerning

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES additional next page

Samples processed by:

19. SAMPLE CONDITION

Sample(s) were received after the recommended holding time had expired. Sample(s) were received in a broken container. Sample(s) were received with bubble >6 mm in diameter. (Notify PM)

20. SAMPLE PRESERVATION

Sample(s) were further preserved in the laboratory.

Time preserved: Preservative(s) added/Lot number(s):

VOA Sample Preservation - Date/Time VOAs Frozen:

Sample Summary

Client: Tetra Tech, Inc.
Project/Site: GSP MNA LTM

Job ID: 240-165830-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-165830-1	TB-042922	Water	04/29/22 00:00	04/30/22 09:50
240-165830-2	GSP-MW-39-042922	Water	04/29/22 10:07	04/30/22 09:50
240-165830-3	GSP-MW-37-040922	Water	04/29/22 11:16	04/30/22 09:50
240-165830-4	GSP-MW-34-040922	Water	04/29/22 13:49	04/30/22 09:50
240-165830-5	GSP-DUP02-042922	Water	04/29/22 00:00	04/30/22 09:50
240-165830-6	GSP-EB-WC-042922	Water	04/29/22 14:30	04/30/22 09:50

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins Canton Job No.: 240-165830-1
 SDG No.: _____
 Matrix: Water Level: Low
 GC Column (1): DB-624 ID: 0.18 (mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
TB-042922	240-165830-1	99	104	96	90
GSP-EB-WC-042922	240-165830-6	97	100	92	87
	MB 240-525559/8	92	98	90	86
	LCS 240-525559/5	99	110	102	104

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

QC LIMITS
 73-120
 62-137
 78-122
 56-136

Column to be used to flag recovery values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Canton Job No.: 240-165830-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: u1290466.D
 Lab ID: LCS 240-525559/5 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Acetone	40.0	39.3	98	50-149	
Benzene	20.0	20.6	103	77-123	
Bromobenzene	20.0	19.9	100	80-122	
Bromochloromethane	20.0	19.7	99	71-121	
Bromodichloromethane	20.0	20.4	102	69-126	
Bromoform	20.0	21.4	107	57-129	
Bromomethane	20.0	21.8	109	36-142	
2-Butanone	40.0	45.2	113	54-156	
Carbon disulfide	20.0	22.4	112	43-140	
Carbon tetrachloride	20.0	20.6	103	55-137	
Chlorobenzene	20.0	19.8	99	80-121	
Chloroethane	20.0	21.7	108	38-152	
2-Chloroethyl vinyl ether	20.0	23.9	120	40-157	
Chloroform	20.0	19.6	98	74-122	
Chloromethane	20.0	21.4	107	47-143	
2-Chlorotoluene	20.0	20.4	102	79-124	
4-Chlorotoluene	20.0	19.8	99	80-125	
cis-1,2-Dichloroethene	20.0	20.3	101	77-123	
cis-1,3-Dichloropropene	20.0	21.6	108	64-130	
Dibromochloromethane	20.0	20.9	104	70-124	
1,2-Dibromo-3-Chloropropane	20.0	20.0	100	53-135	
1,2-Dibromoethane	20.0	20.8	104	71-134	
Dibromomethane	20.0	21.3	106	67-131	
1,2-Dichlorobenzene	20.0	19.3	97	78-120	
1,3-Dichlorobenzene	20.0	19.3	97	80-120	
1,4-Dichlorobenzene	20.0	19.0	95	80-120	
Dichlorodifluoromethane	20.0	19.0	95	34-153	
1,1-Dichloroethane	20.0	19.6	98	72-127	
1,2-Dichloroethane	20.0	20.7	104	66-128	
1,1-Dichloroethene	20.0	21.7	108	63-134	
1,2-Dichloropropane	20.0	21.5	108	75-133	
1,3-Dichloropropane	20.0	20.5	103	68-139	
2,2-Dichloropropane	20.0	19.7	98	48-142	
1,1-Dichloropropene	20.0	19.8	99	71-124	
Ethylbenzene	20.0	20.2	101	80-121	
Hexachlorobutadiene	20.0	21.2	106	37-162	
2-Hexanone	40.0	45.0	113	43-167	
Isopropylbenzene	20.0	20.4	102	74-128	
Methylene Chloride	20.0	21.5	107	71-125	
4-Methyl-2-pentanone	40.0	44.0	110	46-158	
Methyl-tert-butyl Ether (MTBE)	20.0	18.4	92	65-126	
m-Xylene & p-Xylene	20.0	20.5	102	80-120	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Canton Job No.: 240-165830-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: u1290466.D
 Lab ID: LCS 240-525559/5 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Naphthalene	20.0	21.2	106	53-138	
n-Butylbenzene	20.0	20.4	102	62-139	
n-Propylbenzene	20.0	19.9	99	76-127	
o-Xylene	20.0	20.4	102	80-123	
p-Isopropyltoluene	20.0	21.2	106	71-132	
sec-Butylbenzene	20.0	20.8	104	69-135	
Styrene	20.0	20.7	103	80-135	
tert-Butyl alcohol	200	207	104	33-153	
tert-Butylbenzene	20.0	20.8	104	64-134	
1,1,1,2-Tetrachloroethane	20.0	19.9	100	71-124	
1,1,2,2-Tetrachloroethane	20.0	20.1	101	58-157	
Tetrachloroethene	20.0	19.5	97	76-123	
Toluene	20.0	20.0	100	80-123	
trans-1,2-Dichloroethene	20.0	19.6	98	75-124	
trans-1,3-Dichloropropene	20.0	21.4	107	57-129	
1,2,3-Trichlorobenzene	20.0	22.2	111	45-149	
1,2,4-Trichlorobenzene	20.0	21.8	109	44-147	
1,1,1-Trichloroethane	20.0	20.2	101	64-131	
Trichloroethene	20.0	19.5	98	70-122	
Trichlorofluoromethane	20.0	21.6	108	30-170	
1,2,3-Trichloropropane	20.0	19.3	97	57-150	
1,1,2-Trichloro-1,2,2-trichfluoroethane	20.0	22.2	111	51-146	
1,2,4-Trimethylbenzene	20.0	21.1	105	77-129	
Vinyl acetate	20.0	24.9	125	44-145	
Vinyl chloride	20.0	22.1	110	60-144	
Xylenes, Total	40.0	40.9	102	80-121	

Column to be used to flag recovery and RPD values

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Canton Job No.: 240-165830-1
 SDG No.: _____
 Lab File ID: u1290469.D Lab Sample ID: MB 240-525559/8
 Matrix: Water Heated Purge: (Y/N) N
 Instrument ID: A3UX12 Date Analyzed: 05/09/2022 11:05
 GC Column: DB-624 ID: 0.18 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 240-525559/5	u1290466.D	05/09/2022 09:59
TB-042922	240-165830-1	u1290478.D	05/09/2022 14:31
GSP-EB-WC-042922	240-165830-6	u1290479.D	05/09/2022 14:53

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Canton Job No.: 240-165830-1
 SDG No.: _____
 Lab File ID: bfb4838.D BFB Injection Date: 04/20/2022
 Instrument ID: A3UX12 BFB Injection Time: 09:19
 Analysis Batch No.: 523289

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	20.4
75	30.0 - 60.0 % of mass 95	51.0
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	6.5
173	Less than 2.0 % of mass 174	0.0 (0.0) 1
174	Greater than 50% of mass 95	88.5
175	5.0 - 9.0 % of mass 174	6.6 (7.5) 1
176	95.0 - 101.0 % of mass 174	86.6 (97.9) 1
177	5.0 - 9.0 % of mass 176	5.8 (6.7) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD8260 240-523289/9	u1290136.D	04/20/2022	12:50
	STD8260 240-523289/10	u1290137.D	04/20/2022	13:12
	STD8260 240-523289/11	u1290138.D	04/20/2022	13:34
	STD8260 240-523289/12	u1290139.D	04/20/2022	13:56
	ICIS 240-523289/13	u1290140.D	04/20/2022	14:18
	STD8260 240-523289/14	u1290141.D	04/20/2022	14:40
	STD8260 240-523289/15	u1290142.D	04/20/2022	15:02
	STD8260 240-523289/16	u1290143.D	04/20/2022	15:24
	ICV 240-523289/17	u1290144.D	04/20/2022	15:46
	STDA9 240-523289/21	u1290147.D	04/20/2022	16:52
	STDA9 240-523289/22	u1290148.D	04/20/2022	17:15
	STDA9 240-523289/23	u1290149.D	04/20/2022	17:37
	STDA9 240-523289/24	u1290150.D	04/20/2022	17:59
	STDA9 240-523289/25	u1290151.D	04/20/2022	18:21
	STDA9 240-523289/26	u1290152.D	04/20/2022	18:43
	ICV 240-523289/27	u1290153.D	04/20/2022	19:05

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Canton Job No.: 240-165830-1
 SDG No.: _____
 Lab File ID: bfb4851.D BFB Injection Date: 05/09/2022
 Instrument ID: A3UX12 BFB Injection Time: 08:53
 Analysis Batch No.: 525559

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	21.2	
75	30.0 - 60.0 % of mass 95	51.9	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.5	
173	Less than 2.0 % of mass 174	0.0	(0.0) 1
174	Greater than 50% of mass 95	88.9	
175	5.0 - 9.0 % of mass 174	6.7	(7.6) 1
176	95.0 - 101.0 % of mass 174	86.4	(97.2) 1
177	5.0 - 9.0 % of mass 176	5.8	(6.7) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCV 240-525559/3	u1290464.D	05/09/2022	9:15
	CCVIS 240-525559/4	u1290465.D	05/09/2022	9:37
	LCS 240-525559/5	u1290466.D	05/09/2022	9:59
	MB 240-525559/8	u1290469.D	05/09/2022	11:05
TB-042922	240-165830-1	u1290478.D	05/09/2022	14:31
GSP-EB-WC-042922	240-165830-6	u1290479.D	05/09/2022	14:53

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Canton Job No.: 240-165830-1
 SDG No.: _____
 Sample No.: ICIS 240-523289/13 Date Analyzed: 04/20/2022 14:18
 Instrument ID: A3UX12 GC Column: DB-624 ID: 0.18 (mm)
 Lab File ID (Standard): u1290140.D Heated Purge: (Y/N) N
 Calibration ID: 65337

	FB		CBNZd5		DCBd4		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
INITIAL CALIBRATION MID-POINT	982001	5.97	695322	8.48	361187	10.61	
UPPER LIMIT	1964002	6.47	1390644	8.98	722374	11.11	
LOWER LIMIT	491001	5.47	347661	7.98	180594	10.11	
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 240-523289/17		1055545	5.97	745467	8.48	384846	10.60
ICV 240-523289/27		972898	5.96	735781	8.48	344209	10.60
CCVIS 240-525559/4		798355	5.96	616994	8.48	321226	10.60

FB = Fluorobenzene

CBNZd5 = Chlorobenzene-d5

DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area

RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Canton Job No.: 240-165830-1
 SDG No.: _____
 Sample No.: CCVIS 240-525559/4 Date Analyzed: 05/09/2022 09:37
 Instrument ID: A3UX12 GC Column: DB-624 ID: 0.18 (mm)
 Lab File ID (Standard): u1290465.D Heated Purge: (Y/N) N
 Calibration ID: 65341

	FB		CBNZd5		DCBd4		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD	798355	5.96	616994	8.48	321226	10.60	
UPPER LIMIT	1596710	6.46	1233988	8.98	642452	11.10	
LOWER LIMIT	399178	5.46	308497	7.98	160613	10.10	
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 240-525559/5	780983	5.96	598460	8.48	317824	10.60	
MB 240-525559/8	865201	5.96	662833	8.48	322861	10.60	
240-165830-1	TB-042922	717932	5.97	556515	8.48	273782	10.60
240-165830-6	GSP-EB-WC-042922	802058	5.97	621006	8.48	303244	10.61

FB = Fluorobenzene

CBNZd5 = Chlorobenzene-d5

DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area

RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Canton Job No.: 240-165830-1 Analy Batch No.: 523289

SDG No.: _____

Instrument ID: A3UX12 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/20/2022 12:50 Calibration End Date: 04/20/2022 15:24 Calibration ID: 65337

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8260 240-523289/9	u1290136.D
Level 2	STD8260 240-523289/10	u1290137.D
Level 3	STD8260 240-523289/11	u1290138.D
Level 4	STD8260 240-523289/12	u1290139.D
Level 5	ICIS 240-523289/13	u1290140.D
Level 6	STD8260 240-523289/14	u1290141.D
Level 7	STD8260 240-523289/15	u1290142.D
Level 8	STD8260 240-523289/16	u1290143.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
Dichlorodifluoromethane	0.3906 0.3351	0.3618 0.3211	0.4044 0.3286	0.3278	0.3400	Ave		0.351 2		0.1000	8.9		20.0				
Chloromethane	0.4039 0.3265	0.3677 0.3158	0.4113 0.3229	0.3487	0.3354	Ave		0.354 0		0.1000	10.4		20.0				
Vinyl chloride	0.3459 0.3265	0.3731 0.3145	0.4076 0.3253	0.3358	0.3288	Ave		0.344 7		0.1000	9.0		20.0				
Butadiene	0.3951 0.3325	0.3852 0.3191	0.3974 0.3248	0.3387	0.3313	Ave		0.353 0			9.5		20.0				
Bromomethane	0.2626 0.2196	0.2433 0.2133	0.2632 0.2237	0.2259	0.2203	Ave		0.234 0		0.0500	8.5		20.0				
Chloroethane	0.2420 0.2129	0.2227 0.2061	0.2506 0.2137	0.2211	0.2136	Ave		0.222 8		0.0500	7.0		20.0				
Dichlorofluoromethane	0.5733 0.4802	0.5264 0.4672	0.5971 0.4788	0.5077	0.4911	Ave		0.515 2			9.2		20.0				
Trichlorofluoromethane	0.4469 0.4406	0.4471 0.4264	0.5249 0.4334	0.4405	0.4399	Ave		0.450 0		0.1000	6.9		20.0				
Ethyl ether	0.2141 0.1941	0.1988 0.1978	0.2066 0.1898	0.1955	0.1918	Ave		0.198 5			4.1		20.0				
Acrolein	0.0332 0.0417	0.0291 0.0418	0.0321 0.0403	0.0297	0.0325	Ave		0.035 0			15.2		20.0				
1,1-Dichloroethene	0.4178 0.3782	0.3715 0.3711	0.4177 0.3841	0.3901	0.3806	Ave		0.388 9		0.1000	4.9		20.0				
1,1,2-Trichloro-1,2,2-trichfluoroe thane	0.2921 0.2508	0.2350 0.2427	0.2922 0.2484	0.2617	0.2548	Ave		0.259 7		0.0500	8.3		20.0				
Acetone	++++ 0.0688	0.0925 0.0670	0.0908 0.0592	0.0651	0.0679	Ave		0.073 0		0.0100	17.9		20.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Canton Job No.: 240-165830-1 Analy Batch No.: 523289

SDG No.: _____

Instrument ID: A3UX12 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/20/2022 12:50 Calibration End Date: 04/20/2022 15:24 Calibration ID: 65337

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
Iodomethane	0.4177 0.3806	0.3719 0.3736	0.4096 0.3855	0.3927	0.3865	Ave		0.389 7			4.2		20.0				
Carbon disulfide	0.9593 0.7044	0.7973 0.6831	0.8346 0.7083	0.7591	0.7168	Ave		0.770 4		0.1000	12.0		20.0				
Methyl acetate	0.2420 0.1975	0.1964 0.1971	0.2026 0.1814	0.1826	0.1900	Ave		0.198 7		0.1000	9.6		20.0				
3-Chloro-1-propene	0.4811 0.3723	0.4194 0.3658	0.4112 0.3753	0.3770	0.3717	Ave		0.396 7			9.9		20.0				
Methylene Chloride	++++ 0.3263	0.8324 0.3192	0.5909 0.3262	0.3771	0.3423	Lin1	0.531 4	0.315 5		0.1000	2.9			1.0000		0.9900	
tert-Butyl alcohol	0.0243 0.0212	0.0220 0.0202	0.0224 0.0183	0.0199	0.0222	Ave		0.021 3			8.6		20.0				
Acrylonitrile	0.0799 0.0971	0.0837 0.0957	0.0830 0.0882	0.0866	0.0925	Ave		0.088 3			7.1		20.0				
Methyl-tert-butyl Ether (MTBE)	0.6725 0.7485	0.6018 0.7355	0.5808 0.7467	0.6225	0.6414	Ave		0.668 7		0.1000	10.1		20.0				
trans-1,2-Dichloroethene	0.4038 0.3709	0.3468 0.3660	0.3895 0.3792	0.3764	0.3797	Ave		0.376 6		0.1000	4.4		20.0				
Hexane	0.4224 0.4049	0.3503 0.4101	0.4055 0.4050	0.3920	0.3798	Ave		0.396 3			5.7		20.0				
Vinyl acetate	0.4844 0.4367	0.4170 0.4593	0.4548 0.4115	0.4051	0.4014	Ave		0.433 8			6.9		20.0				
1,1-Dichloroethane	0.4857 0.4712	0.4509 0.4683	0.4861 0.4753	0.4779	0.4668	Ave		0.472 8		0.2000	2.4		20.0				
2-Butanone	0.0310 0.0365	0.0318 0.0363	0.0306 0.0317	0.0311	0.0347	Ave		0.033 0		0.0100	7.5		20.0				
cis-1,2-Dichloroethene	0.2833 0.2823	0.2644 0.2720	0.2724 0.2678	0.2645	0.2689	Ave		0.272 0		0.1000	2.7		20.0				
2,2-Dichloropropane	0.3396 0.3037	0.2762 0.2874	0.3282 0.3000	0.3081	0.2973	Ave		0.305 1			6.8		20.0				
Bromochloromethane	0.2407 0.1987	0.2158 0.1970	0.2082 0.1992	0.1943	0.1990	Ave		0.206 6			7.5		20.0				
Tetrahydrofuran	++++ 0.0891	0.0910 0.0894	0.0813 0.0815	0.0820	0.0863	Ave		0.085 8			4.8		20.0				
Chloroform	0.4908 0.4393	0.4630 0.4383	0.4634 0.4472	0.4441	0.4373	Ave		0.452 9		0.2000	4.1		20.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Canton Job No.: 240-165830-1 Analy Batch No.: 523289

SDG No.: _____

Instrument ID: A3UX12 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/20/2022 12:50 Calibration End Date: 04/20/2022 15:24 Calibration ID: 65337

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
1,1,1-Trichloroethane	0.4185 0.4021	0.3545 0.3969	0.4158 0.4034	0.3953	0.3932	Ave		0.397 4		0.1000	4.9		20.0				
Cyclohexane	0.4287 0.4214	0.3726 0.4077	0.4295 0.4175	0.4197	0.4134	Ave		0.413 8		0.1000	4.4		20.0				
1,1-Dichloropropene	0.3947 0.3980	0.3815 0.3898	0.4114 0.3959	0.3929	0.3913	Ave		0.394 4			2.1		20.0				
Carbon tetrachloride	0.3619 0.3417	0.3043 0.3336	0.3455 0.3438	0.3403	0.3304	Ave		0.337 7		0.1000	4.9		20.0				
Isobutyl alcohol	0.0099 0.0112	0.0077 0.0110	0.0072 0.0089	0.0089	0.0108	Ave		0.009 5			16.1		20.0				
Benzene	1.1259 1.0866	1.0376 1.0614	1.1271 1.0676	1.0799	1.0650	Ave		1.081 4		0.5000	2.9		20.0				
1,2-Dichloroethane	0.3487 0.3597	0.3417 0.3540	0.3756 0.3474	0.3453	0.3489	Ave		0.352 7		0.1000	3.0		20.0				
n-Heptane	++++ 0.1769	++++ 0.1745	0.1609 0.1696	0.1542	0.1882	Ave		0.170 7			7.1		20.0				
Trichloroethene	0.3431 0.2962	0.2874 0.2931	0.3179 0.2935	0.2887	0.2952	Ave		0.301 9		0.1500	6.3		20.0				
Methylcyclohexane	0.4221 0.4500	0.3942 0.4460	0.4562 0.4506	0.4320	0.4309	Ave		0.435 2		0.1000	4.7		20.0				
1,2-Dichloropropane	0.2664 0.2540	0.2400 0.2568	0.2480 0.2561	0.2413	0.2492	Ave		0.251 5		0.1000	3.5		20.0				
1,4-Dioxane	++++ 0.0024	0.0006 0.0022	0.0027 ++++	0.0024	0.0024	Lin1	-0.01 8	0.002 4			25.5			0.9950		0.9900	
Dibromomethane	0.1791 0.1877	0.1740 0.1832	0.1844 0.1808	0.1849	0.1765	Ave		0.181 3			2.5		20.0				
Bromodichloromethane	0.3686 0.3262	0.3203 0.3254	0.3335 0.3282	0.3130	0.3143	Ave		0.328 7		0.1500	5.3		20.0				
2-Chloroethyl vinyl ether	0.1686 0.1813	0.1445 0.1885	0.1526 0.1807	0.1525	0.1669	Ave		0.167 0			9.6		20.0				
cis-1,3-Dichloropropene	0.4113 0.4123	0.3458 0.4190	0.3875 0.4186	0.3773	0.3912	Ave		0.395 4		0.1500	6.4		20.0				
4-Methyl-2-pentanone	0.2747 0.3110	0.2749 0.3143	0.2740 0.2947	0.2721	0.2878	Ave		0.287 9		0.0500	6.0		20.0				
Toluene	1.6763 1.5711	1.4932 1.5751	1.5793 1.5541	1.6003	1.5820	Ave		1.578 9		0.4000	3.2		20.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Canton Job No.: 240-165830-1 Analy Batch No.: 523289

SDG No.: _____

Instrument ID: A3UX12 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/20/2022 12:50 Calibration End Date: 04/20/2022 15:24 Calibration ID: 65337

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
trans-1,3-Dichloropropene	0.5296 0.5384	0.4700 0.5440	0.4862 0.5366	0.5005	0.5097	Ave		0.514 4		0.1000	5.3		20.0				
Ethyl methacrylate	0.3819 0.4723	0.3405 0.4930	0.3927 0.4772	0.4158	0.4368	Ave		0.426 3			12.5		20.0				
1,1,2-Trichloroethane	0.3168 0.3127	0.2831 0.3083	0.3098 0.3000	0.3029	0.2964	Ave		0.303 7		0.1000	3.5		20.0				
Tetrachloroethene	0.4772 0.4297	0.4253 0.4300	0.4566 0.4256	0.4406	0.4307	Ave		0.439 5		0.1500	4.2		20.0				
1,3-Dichloropropane	0.6112 0.5642	0.5475 0.5606	0.5499 0.5478	0.5437	0.5403	Ave		0.558 1			4.1		20.0				
2-Hexanone	0.2557 0.3074	0.2468 0.3161	0.2673 0.2887	0.2789	0.2869	Ave		0.281 0		0.0500	8.5		20.0				
Dibromochloromethane	0.3396 0.3258	0.2779 0.3261	0.2952 0.3279	0.3074	0.3083	Ave		0.313 5			6.4		20.0				
1,2-Dibromoethane	0.3364 0.3292	0.3047 0.3283	0.3306 0.3226	0.3127	0.3166	Ave		0.322 6			3.3		20.0				
Chlorobenzene	1.1239 0.9629	0.9728 0.9780	1.0212 0.9570	0.9755	0.9614	Ave		0.994 1		0.3000	5.6		20.0				
1,1,1,2-Tetrachloroethane	0.3510 0.3239	0.3130 0.3219	0.3104 0.3284	0.3198	0.3126	Ave		0.322 6			4.0		20.0				
Ethylbenzene	0.4987 0.5422	0.4920 0.5476	0.5071 0.5415	0.5284	0.5310	Ave		0.523 6			4.1		20.0				
m-Xylene & p-Xylene	0.6208 0.6649	0.5472 0.6691	0.6305 0.6624	0.6497	0.6533	Ave		0.637 2			6.3		20.0				
o-Xylene	0.6099 0.6263	0.5037 0.6232	0.5882 0.6255	0.6062	0.6081	Ave		0.598 9			6.8		20.0				
Styrene	0.9720 1.0714	0.8621 1.0755	0.9107 1.0628	0.9937	1.0297	Ave		0.997 2		0.3000	7.9		20.0				
Bromoform	0.2175 0.2385	0.1959 0.2437	0.2007 0.2397	0.2145	0.2212	Ave		0.221 4		0.1000	8.1		20.0				
Isopropylbenzene	1.4897 1.6460	1.3244 1.6338	1.5147 1.6312	1.5904	1.6075	Ave		1.554 7		0.1000	7.0		20.0				
1,1,2,2-Tetrachloroethane	0.9159 0.8309	0.7812 0.8203	0.8272 0.7648	0.7909	0.8111	Ave		0.817 8		0.3000	5.6		20.0				
trans-1,4-Dichloro-2-butene	0.2891 0.2799	0.2630 0.2927	0.2618 0.2700	0.2516	0.2668	Ave		0.271 9			5.2		20.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Canton Job No.: 240-165830-1 Analy Batch No.: 523289

SDG No.: _____

Instrument ID: A3UX12 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/20/2022 12:50 Calibration End Date: 04/20/2022 15:24 Calibration ID: 65337

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
Bromobenzene	0.9083 0.8130	0.7857 0.8171	0.8223 0.7868	0.7868	0.8237	Ave		0.817 9			4.9		20.0				
1,2,3-Trichloropropane	0.3638 0.2827	0.2783 0.2760	0.2795 0.2591	0.2678	0.2726	Ave		0.285 0			11.5		20.0				
n-Propylbenzene	0.7619 0.8746	0.7368 0.8752	0.8250 0.8346	0.8165	0.8639	Ave		0.823 6			6.2		20.0				
2-Chlorotoluene	0.7020 0.7126	0.6377 0.7332	0.6994 0.7034	0.7115	0.7232	Ave		0.702 9			4.1		20.0				
1,3,5-Trimethylbenzene	2.1820 2.4053	1.9244 2.4265	2.1805 2.3691	2.2781	2.4026	Ave		2.271 1			7.5		20.0				
4-Chlorotoluene	0.7747 0.7617	0.6517 0.7803	0.8048 0.7378	0.7492	0.7734	Ave		0.754 2			6.1		20.0				
tert-Butylbenzene	1.9096 2.1736	1.8208 2.1878	1.9834 2.1179	2.0430	2.1737	Ave		2.051 2			6.7		20.0				
1,2,4-Trimethylbenzene	2.0352 2.4255	1.9087 2.4298	2.2229 2.3834	2.3015	2.4209	Ave		2.266 0			8.7		20.0				
sec-Butylbenzene	2.5113 2.9491	2.3688 2.9357	2.7234 2.8813	2.8096	2.9731	Ave		2.769 0			8.0		20.0				
p-Isopropyltoluene	2.1538 2.4844	1.8926 2.5119	2.2277 2.4772	2.3250	2.4933	Ave		2.320 7			9.5		20.0				
1,3-Dichlorobenzene	1.5213 1.4534	1.5057 1.4370	1.5706 1.4010	1.4362	1.4723	Ave		1.474 7		0.6000	3.7		20.0				
1,4-Dichlorobenzene	1.8538 1.4663	1.5516 1.4637	1.6413 1.4278	1.4584	1.5092	Ave		1.546 5		0.5000	9.1		20.0				
n-Butylbenzene	1.9600 2.0416	1.7263 2.0449	1.9697 2.0599	1.8776	2.0431	Ave		1.965 4			5.8		20.0				
1,2-Dichlorobenzene	1.5827 1.3566	1.2740 1.3350	1.4453 1.3142	1.3154	1.3634	Ave		1.373 3		0.4000	7.2		20.0				
1,2-Dibromo-3-Chloropropane	0.1905 0.2084	0.1715 0.2042	0.1817 0.1933	0.1747	0.1981	Ave		0.190 3		0.0500	7.0		20.0				
1,2,4-Trichlorobenzene	0.8812 0.7321	0.6931 0.7339	0.7562 0.8123	0.6965	0.7353	Ave		0.755 1		0.2000	8.3		20.0				
Hexachlorobutadiene	++++ 0.3173	0.3403 0.3063	0.3589 0.3381	0.3236	0.3261	Ave		0.330 1			5.2		20.0				
Naphthalene	2.2251 2.4711	1.8863 2.4346	2.0775 2.5205	2.0383	2.3315	Ave		2.248 1			10.2		20.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Canton Job No.: 240-165830-1 Analy Batch No.: 523289

SDG No.: _____

Instrument ID: A3UX12 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/20/2022 12:50 Calibration End Date: 04/20/2022 15:24 Calibration ID: 65337

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
	LVL 6	LVL 7	LVL 8														
1,2,3-Trichlorobenzene	0.7973 0.7099	0.6651 0.7124	0.7201 0.7924	0.6342	0.7047	Ave		0.717 0			7.8		20.0				
Dibromofluoromethane (Surr)	0.3037 0.2422	0.2403 0.2364	0.2471 0.2362	0.2395	0.2368	Ave		0.247 8			9.2		20.0				
1,2-Dichloroethane-d4 (Surr)	0.3641 0.2778	0.3201 0.2705	0.2902 0.2686	0.2790	0.2752	Ave		0.293 2			11.3		20.0				
Toluene-d8 (Surr)	++++ 1.3265	1.3398 1.3153	1.3928 1.2996	1.3284	1.3116	Ave		1.330 6			2.3		20.0				
4-Bromofluorobenzene (Surr)	++++ 0.4682	0.5105 0.4587	0.4973 0.4600	0.4558	0.4465	Ave		0.471 0			5.0		20.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Canton Job No.: 240-165830-1 Analy Batch No.: 523289

SDG No.: _____

Instrument ID: A3UX12 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/20/2022 12:50 Calibration End Date: 04/20/2022 15:24 Calibration ID: 65337

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8260 240-523289/9	u1290136.D
Level 2	STD8260 240-523289/10	u1290137.D
Level 3	STD8260 240-523289/11	u1290138.D
Level 4	STD8260 240-523289/12	u1290139.D
Level 5	ICIS 240-523289/13	u1290140.D
Level 6	STD8260 240-523289/14	u1290141.D
Level 7	STD8260 240-523289/15	u1290142.D
Level 8	STD8260 240-523289/16	u1290143.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
			LVL 6	LVL 7	LVL 8			LVL 6	LVL 7	LVL 8		
Dichlorodifluoromethane	FB	Ave	8792 678845	16053 1042462	36158 1398258	154988	333910	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Chloromethane	FB	Ave	9092 661363	16317 1025099	36777 1373722	164876	329325	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Vinyl chloride	FB	Ave	7787 661404	16553 1021044	36447 1384210	158787	322856	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Butadiene	FB	Ave	8894 673625	17094 1035900	35533 1381844	160151	325339	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Bromomethane	FB	Ave	5911 444764	10796 692466	23538 951879	106834	216326	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Chloroethane	FB	Ave	5447 431314	9882 669134	22404 909428	104558	209713	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Dichlorofluoromethane	FB	Ave	12905 972834	23357 1516806	53391 2037265	240060	482282	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Trichlorofluoromethane	FB	Ave	10060 892478	19837 1384417	46937 1844094	208266	432000	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Ethyl ether	FB	Ave	4819 393136	8820 642103	18470 807411	92464	188372	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Acrolein	FB	Ave	3737 422014	6448 678484	14360 856785	70206	159597	2.50 200	5.00 300	10.0 400	50.0	100
1,1-Dichloroethene	FB	Ave	9406 766091	16483 1204669	37348 1634293	184449	373740	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
1,1,2-Trichloro-1,2,2-trichloroethane	FB	Ave	6575 507985	10426 788063	26132 1057047	123729	250186	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Acetone	FB	Ave	+++++	8205	16245	61524	133367	+++++	2.00	4.00	20.0	40.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Canton Job No.: 240-165830-1 Analy Batch No.: 523289

SDG No.: _____

Instrument ID: A3UX12 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/20/2022 12:50 Calibration End Date: 04/20/2022 15:24 Calibration ID: 65337

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
			278914	434887	503520			80.0	120	160		
Iodomethane	FB	Ave	9402 770973	16503 1212789	36625 1640363	185668	379499	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Carbon disulfide	FB	Ave	21596 1426963	35379 2217805	74626 3013912	358930	703924	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Methyl acetate	FB	Ave	10897 800290	17425 1279458	36238 1543906	172688	373095	1.00 80.0	2.00 120	4.00 160	20.0	40.0
3-Chloro-1-propene	FB	Ave	10830 754244	18609 1187505	36765 1596901	178272	364994	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Methylene Chloride	FB	Lin1	++++ 660916	36936 1036320	52833 1388020	178319	336152	++++ 40.0	1.00 60.0	2.00 80.0	10.0	20.0
tert-Butyl alcohol	FB	Ave	5470 429142	9752 657244	20025 780578	93925	217930	5.00 400	10.0 600	20.0 800	100	200
Acrylonitrile	FB	Ave	17979 1966692	37133 3106355	74254 3754178	409296	908245	5.00 400	10.0 600	20.0 800	100	200
Methyl-tert-butyl Ether (MTBE)	FB	Ave	15139 1516217	26702 2387900	51934 3177021	294326	629807	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
trans-1,2-Dichloroethene	FB	Ave	9091 751362	15388 1188320	34826 1613672	177981	372889	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Hexane	FB	Ave	9508 820221	15543 1331475	36257 1723263	185361	373001	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Vinyl acetate	FB	Ave	10904 884642	18505 1491132	40671 1750891	191560	394205	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
1,1-Dichloroethane	FB	Ave	10933 954528	20009 1520201	43468 2022506	225951	458369	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
2-Butanone	FB	Ave	1394 147988	2818 235474	5478 269923	29386	68142	1.00 80.0	2.00 120	4.00 160	20.0	40.0
cis-1,2-Dichloroethene	FB	Ave	6377 571873	11730 883150	24361 1139564	125081	264101	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
2,2-Dichloropropane	FB	Ave	7645 615185	12256 933191	29348 1276354	145686	291961	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Bromochloromethane	FB	Ave	5419 402437	9576 639439	18620 847557	91875	195429	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Tetrahydrofuran	FB	Ave	++++ 360883	8074 580375	14548 693817	77534	169557	++++ 80.0	2.00 120	4.00 160	20.0	40.0
Chloroform	FB	Ave	11048	20544	41433	210000	429458	0.500	1.00	2.00	10.0	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Canton Job No.: 240-165830-1 Analy Batch No.: 523289

SDG No.: _____

Instrument ID: A3UX12 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/20/2022 12:50 Calibration End Date: 04/20/2022 15:24 Calibration ID: 65337

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
			890003	1423000	1902912			40.0	60.0	80.0		
1,1,1-Trichloroethane	FB	Ave	9420 814468	15728 1288480	37179 1716608	186909	386135	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Cyclohexane	FB	Ave	9650 853734	16534 1323637	38405 1776282	198434	405988	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
1,1-Dichloropropene	FB	Ave	8886 806261	16928 1265478	36785 1684475	185782	384303	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Carbon tetrachloride	FB	Ave	8147 692167	13501 1082913	30896 1463014	160894	324418	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Isobutyl alcohol	FB	Ave	5584 568699	8574 894865	16118 947749	105027	264712	12.5 1000	25.0 1500	50.0 2000	250	500
Benzene	FB	Ave	25345 2201207	46038 3445856	100784 4542729	510614	1045784	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
1,2-Dichloroethane	FB	Ave	7850 728649	15162 1149357	33587 1478315	163291	342615	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
n-Heptane	FB	Ave	++++ 358375	++++ 566387	14391 721709	72905	184847	++++ 40.0	++++ 60.0	2.00 80.0	10.0	20.0
Trichloroethene	FB	Ave	7724 600017	12751 951450	28423 1248951	136523	289869	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Methylcyclohexane	FB	Ave	9502 911494	17492 1448027	40790 1917080	204278	423163	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
1,2-Dichloropropane	FB	Ave	5997 514466	10650 833709	22179 1089601	114096	244695	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
1,4-Dioxane	FB	Lin1	++++ 97683	501 145371	4791 ++++	22271	47718	++++ 800	20.0 1200	40.0 ++++	200	400
Dibromomethane	FB	Ave	4031 380207	7721 594661	16492 769452	87446	173364	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
Bromodichloromethane	FB	Ave	8298 660844	14211 1056530	29816 1396691	148018	308684	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
2-Chloroethyl vinyl ether	FB	Ave	7591 734384	12820 1224037	27292 1537583	144241	327890	1.00 80.0	2.00 120	4.00 160	20.0	40.0
cis-1,3-Dichloropropene	FB	Ave	9260 835262	15345 1360208	34650 1781232	178420	384144	0.500 40.0	1.00 60.0	2.00 80.0	10.0	20.0
4-Methyl-2-pentanone	FB	Ave	12368 1259964	24395 2040539	49001 2507692	257327	565196	1.00 80.0	2.00 120	4.00 160	20.0	40.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Canton Job No.: 240-165830-1 Analy Batch No.: 523289

SDG No.: _____

Instrument ID: A3UX12 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/20/2022 12:50 Calibration End Date: 04/20/2022 15:24 Calibration ID: 65337

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Toluene	CBNZ d5	Ave	26614	48395	99925	526662	1100010	0.500	1.00	2.00	10.0	20.0
			2317621	3759603	4821613			40.0	60.0	80.0		
trans-1,3-Dichloropropene	CBNZ d5	Ave	8409	15234	30763	164725	354431	0.500	1.00	2.00	10.0	20.0
			794174	1298518	1664928			40.0	60.0	80.0		
Ethyl methacrylate	CBNZ d5	Ave	6063	11035	24844	136826	303692	0.500	1.00	2.00	10.0	20.0
			696774	1176750	1480486			40.0	60.0	80.0		
1,1,2-Trichloroethane	CBNZ d5	Ave	5029	9176	19601	99700	206061	0.500	1.00	2.00	10.0	20.0
			461266	735870	930840			40.0	60.0	80.0		
Tetrachloroethene	CBNZ d5	Ave	7576	13785	28890	144997	299446	0.500	1.00	2.00	10.0	20.0
			633817	1026330	1320577			40.0	60.0	80.0		
1,3-Dichloropropane	CBNZ d5	Ave	9704	17744	34790	178916	375692	0.500	1.00	2.00	10.0	20.0
			832209	1338068	1699648			40.0	60.0	80.0		
2-Hexanone	CBNZ d5	Ave	8120	15997	33827	183551	399041	1.00	2.00	4.00	20.0	40.0
			906878	1509234	1791700			80.0	120	160		
Dibromochloromethane	CBNZ d5	Ave	5391	9008	18675	101178	214400	0.500	1.00	2.00	10.0	20.0
			480531	778410	1017305			40.0	60.0	80.0		
1,2-Dibromoethane	CBNZ d5	Ave	5341	9876	20920	102912	220106	0.500	1.00	2.00	10.0	20.0
			485629	783741	1000805			40.0	60.0	80.0		
Chlorobenzene	CBNZ d5	Ave	17844	31530	64615	321021	668465	0.500	1.00	2.00	10.0	20.0
			1420448	2334520	2969054			40.0	60.0	80.0		
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	5572	10144	19641	105262	217384	0.500	1.00	2.00	10.0	20.0
			477761	768275	1018925			40.0	60.0	80.0		
Ethylbenzene	CBNZ d5	Ave	7918	15947	32087	173882	369187	0.500	1.00	2.00	10.0	20.0
			799826	1307076	1680035			40.0	60.0	80.0		

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Canton Job No.: 240-165830-1 Analy Batch No.: 523289

SDG No.: _____

Instrument ID: A3UX12 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/20/2022 12:50 Calibration End Date: 04/20/2022 15:24 Calibration ID: 65337

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
m-Xylene & p-Xylene	CBNZ d5	Ave	9857	17734	39890	213829	454276	0.500	1.00	2.00	10.0	20.0
			980810	1597206	2055069			40.0	60.0	80.0		
o-Xylene	CBNZ d5	Ave	9684	16324	37215	199504	422814	0.500	1.00	2.00	10.0	20.0
			923941	1487495	1940610			40.0	60.0	80.0		
Styrene	CBNZ d5	Ave	15432	27941	57621	327041	715970	0.500	1.00	2.00	10.0	20.0
			1580461	2567266	3297454			40.0	60.0	80.0		
Bromoform	CBNZ d5	Ave	3453	6349	12698	70581	153771	0.500	1.00	2.00	10.0	20.0
			351767	581622	743690			40.0	60.0	80.0		
Isopropylbenzene	CBNZ d5	Ave	23652	42924	95835	523412	1117763	0.500	1.00	2.00	10.0	20.0
			2428124	3899774	5061076			40.0	60.0	80.0		
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	7227	12468	26319	139903	292945	0.500	1.00	2.00	10.0	20.0
			654906	1023661	1290319			40.0	60.0	80.0		
trans-1,4-Dichloro-2-butene	DCBd 4	Ave	2281	4198	8328	44504	96373	0.500	1.00	2.00	10.0	20.0
			220642	365293	455614			40.0	60.0	80.0		
Bromobenzene	DCBd 4	Ave	7167	12541	26163	139181	297492	0.500	1.00	2.00	10.0	20.0
			640799	1019587	1327438			40.0	60.0	80.0		
1,2,3-Trichloropropane	DCBd 4	Ave	2871	4442	8893	47378	98451	0.500	1.00	2.00	10.0	20.0
			222804	344469	437172			40.0	60.0	80.0		
n-Propylbenzene	DCBd 4	Ave	6012	11760	26247	144432	312043	0.500	1.00	2.00	10.0	20.0
			689361	1092197	1408225			40.0	60.0	80.0		
2-Chlorotoluene	DCBd 4	Ave	5539	10179	22251	125857	261211	0.500	1.00	2.00	10.0	20.0
			561647	914925	1186790			40.0	60.0	80.0		
1,3,5-Trimethylbenzene	DCBd 4	Ave	17218	30716	69376	402997	867792	0.500	1.00	2.00	10.0	20.0
			1895900	3028043	3997093			40.0	60.0	80.0		

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Canton Job No.: 240-165830-1 Analy Batch No.: 523289

SDG No.: _____

Instrument ID: A3UX12 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/20/2022 12:50 Calibration End Date: 04/20/2022 15:24 Calibration ID: 65337

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
4-Chlorotoluene	DCBd 4	Ave	6113	10401	25607	132531	279350	0.500	1.00	2.00	10.0	20.0
			600383	973689	1244886			40.0	60.0	80.0		
tert-Butylbenzene	DCBd 4	Ave	15068	29061	63106	361404	785127	0.500	1.00	2.00	10.0	20.0
			1713215	2730169	3573328			40.0	60.0	80.0		
1,2,4-Trimethylbenzene	DCBd 4	Ave	16059	30465	70723	407145	874400	0.500	1.00	2.00	10.0	20.0
			1911784	3032096	4021362			40.0	60.0	80.0		
sec-Butylbenzene	DCBd 4	Ave	19816	37808	86648	497021	1073844	0.500	1.00	2.00	10.0	20.0
			2324470	3663378	4861393			40.0	60.0	80.0		
p-Isopropyltoluene	DCBd 4	Ave	16995	30207	70876	411298	900565	0.500	1.00	2.00	10.0	20.0
			1958252	3134510	4179590			40.0	60.0	80.0		
1,3-Dichlorobenzene	DCBd 4	Ave	12004	24032	49971	254066	531768	0.500	1.00	2.00	10.0	20.0
			1145558	1793200	2363826			40.0	60.0	80.0		
1,4-Dichlorobenzene	DCBd 4	Ave	14628	24765	52219	257998	545098	0.500	1.00	2.00	10.0	20.0
			1155749	1826496	2408970			40.0	60.0	80.0		
n-Butylbenzene	DCBd 4	Ave	15466	27553	62667	332149	737938	0.500	1.00	2.00	10.0	20.0
			1609233	2551741	3475568			40.0	60.0	80.0		
1,2-Dichlorobenzene	DCBd 4	Ave	12489	20335	45985	232697	492431	0.500	1.00	2.00	10.0	20.0
			1069289	1665920	2217322			40.0	60.0	80.0		
1,2-Dibromo-3-Chloropropane	DCBd 4	Ave	1503	2738	5782	30903	71553	0.500	1.00	2.00	10.0	20.0
			164261	254826	326185			40.0	60.0	80.0		
1,2,4-Trichlorobenzene	DCBd 4	Ave	6953	11062	24060	123220	265579	0.500	1.00	2.00	10.0	20.0
			577008	915799	1370505			40.0	60.0	80.0		
Hexachlorobutadiene	DCBd 4	Ave	+++++	5432	11420	57251	117785	+++++	1.00	2.00	10.0	20.0
			250061	382195	570367			40.0	60.0	80.0		

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Canton Job No.: 240-165830-1 Analy Batch No.: 523289

SDG No.: _____

Instrument ID: A3UX12 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/20/2022 12:50 Calibration End Date: 04/20/2022 15:24 Calibration ID: 65337

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Naphthalene	DCBd 4	Ave	17558	30108	66099	360581	842108	0.500	1.00	2.00	10.0	20.0
			1947755	3038088	4252687			40.0	60.0	80.0		
1,2,3-Trichlorobenzene	DCBd 4	Ave	6291	10615	22912	112194	254533	0.500	1.00	2.00	10.0	20.0
			559579	889043	1337019			40.0	60.0	80.0		
Dibromofluoromethane (Surr)	FB	Ave	6836	10664	22098	113262	232503	0.500	1.00	2.00	10.0	20.0
			490545	767365	1004934			40.0	60.0	80.0		
1,2-Dichloroethane-d4 (Surr)	FB	Ave	8196	14205	25953	131914	270270	0.500	1.00	2.00	10.0	20.0
			562716	878221	1142719			40.0	60.0	80.0		
Toluene-d8 (Surr)	CBNZ d5	Ave	++++	43424	88127	437175	912004	++++	1.00	2.00	10.0	20.0
			1956742	3139610	4032053			40.0	60.0	80.0		
4-Bromofluorobenzene (Surr)	CBNZ d5	Ave	++++	16547	31462	150005	310427	++++	1.00	2.00	10.0	20.0
			690613	1094878	1427307			40.0	60.0	80.0		

Curve Type Legend

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Canton Job No.: 240-165830-1 Analy Batch No.: 523289

SDG No.: _____

Instrument ID: A3UX12 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/20/2022 12:50 Calibration End Date: 04/20/2022 15:24 Calibration ID: 65337

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8260 240-523289/9	u1290136.D
Level 2	STD8260 240-523289/10	u1290137.D
Level 3	STD8260 240-523289/11	u1290138.D
Level 4	STD8260 240-523289/12	u1290139.D
Level 5	ICIS 240-523289/13	u1290140.D
Level 6	STD8260 240-523289/14	u1290141.D
Level 7	STD8260 240-523289/15	u1290142.D
Level 8	STD8260 240-523289/16	u1290143.D

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
	LVL 7 #	LVL 8 #					LVL 7	LVL 8				
Methylene Chloride	+++++	-4.6						50				
1,4-Dioxane	+++++	-38.7 +++++						50				

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-165830-1
 SDG No.: _____
 Lab Sample ID: ICV 240-523289/17 Calibration Date: 04/20/2022 15:46
 Instrument ID: A3UX12 Calib Start Date: 04/20/2022 12:50
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 04/20/2022 15:24
 Lab File ID: u1290144.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.3512	0.3444	0.1000	0.0196	0.0200	-1.9	30.0
Chloromethane	Ave	0.3540	0.3432	0.1000	0.0194	0.0200	-3.0	30.0
Vinyl chloride	Ave	0.3447	0.3423	0.1000	0.0199	0.0200	-0.7	30.0
Butadiene	Ave	0.3530	0.3410		0.0193	0.0200	-3.4	30.0
Bromomethane	Ave	0.2340	0.2202	0.0500	0.0188	0.0200	-5.9	30.0
Chloroethane	Ave	0.2228	0.2140	0.0500	0.0192	0.0200	-4.0	30.0
Dichlorofluoromethane	Ave	0.5152	0.4866		0.0189	0.0200	-5.5	30.0
Trichlorofluoromethane	Ave	0.4500	0.4465	0.1000	0.0198	0.0200	-0.8	30.0
Ethyl ether	Ave	0.1985	0.1984		0.0200	0.0200	-0.0	30.0
Acrolein	Ave	0.0350	0.0386		0.110	0.100	10.1	30.0
1,1-Dichloroethene	Ave	0.3889	0.3883	0.1000	0.0200	0.0200	-0.2	30.0
1,1,2-Trichloro-1,2,2-trichloroethane	Ave	0.2597	0.2578	0.0500	0.0199	0.0200	-0.7	30.0
Acetone	Ave	0.0730	0.0560	0.0100	0.0307	0.0400	-23.3	50.0
Iodomethane	Ave	0.3897	0.3977		0.0204	0.0200	2.0	30.0
Carbon disulfide	Ave	0.7704	0.7354	0.1000	0.0191	0.0200	-4.5	30.0
Methyl acetate	Ave	0.1987	0.1895	0.1000	0.0382	0.0400	-4.6	50.0
3-Chloro-1-propene	Ave	0.3967	0.3867		0.0195	0.0200	-2.5	30.0
Methylene Chloride	Lin1		0.3384	0.1000	0.0198	0.0200	-1.2	50.0
tert-Butyl alcohol	Ave	0.0213	0.0215		0.201	0.200	0.7	30.0
Acrylonitrile	Ave	0.0883	0.0862		0.195	0.200	-2.4	30.0
Methyl-tert-butyl Ether (MTBE)	Ave	0.6687	0.6978	0.1000	0.0209	0.0200	4.4	30.0
trans-1,2-Dichloroethene	Ave	0.3766	0.3791	0.1000	0.0201	0.0200	0.7	30.0
Hexane	Ave	0.3963	0.3968		0.0200	0.0200	0.1	30.0
Vinyl acetate	Ave	0.4338	0.4105		0.0189	0.0200	-5.4	30.0
1,1-Dichloroethane	Ave	0.4728	0.4617	0.2000	0.0195	0.0200	-2.3	30.0
2-Butanone	Ave	0.0330	0.0327	0.0100	0.0397	0.0400	-0.7	50.0
cis-1,2-Dichloroethene	Ave	0.2720	0.2723	0.1000	0.0200	0.0200	0.1	30.0
2,2-Dichloropropane	Ave	0.3051	0.2864		0.0188	0.0200	-6.1	30.0
Bromochloromethane	Ave	0.2066	0.1947		0.0188	0.0200	-5.8	30.0
Tetrahydrofuran	Ave	0.0858	0.0823		0.0384	0.0400	-4.0	30.0
Chloroform	Ave	0.4529	0.4416	0.2000	0.0195	0.0200	-2.5	30.0
1,1,1-Trichloroethane	Ave	0.3974	0.3848	0.1000	0.0194	0.0200	-3.2	30.0
Cyclohexane	Ave	0.4138	0.4204	0.1000	0.0203	0.0200	1.6	30.0
1,1-Dichloropropene	Ave	0.3944	0.3897		0.0198	0.0200	-1.2	30.0
Carbon tetrachloride	Ave	0.3377	0.3313	0.1000	0.0196	0.0200	-1.9	30.0
Isobutyl alcohol	Ave	0.0095	0.0102		0.538	0.500	7.6	30.0
Benzene	Ave	1.081	1.064	0.5000	0.0197	0.0200	-1.6	30.0
1,2-Dichloroethane	Ave	0.3527	0.3396	0.1000	0.0193	0.0200	-3.7	30.0
n-Heptane	Ave	0.1707	0.1920		0.0225	0.0200	12.5	30.0
Trichloroethene	Ave	0.3019	0.2976	0.1500	0.0197	0.0200	-1.4	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-165830-1
 SDG No.: _____
 Lab Sample ID: ICV 240-523289/17 Calibration Date: 04/20/2022 15:46
 Instrument ID: A3UX12 Calib Start Date: 04/20/2022 12:50
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 04/20/2022 15:24
 Lab File ID: u1290144.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methylcyclohexane	Ave	0.4352	0.4455	0.1000	0.0205	0.0200	2.4	30.0
1,2-Dichloropropane	Ave	0.2515	0.2480	0.1000	0.0197	0.0200	-1.4	30.0
1,4-Dioxane	Lin1		0.0024		0.415	0.400	3.7	50.0
Dibromomethane	Ave	0.1813	0.1783		0.0197	0.0200	-1.7	30.0
Bromodichloromethane	Ave	0.3287	0.3171	0.1500	0.0193	0.0200	-3.5	30.0
2-Chloroethyl vinyl ether	Ave	0.1670	0.1687		0.0202	0.0200	1.1	30.0
cis-1,3-Dichloropropene	Ave	0.3954	0.3986	0.1500	0.0202	0.0200	0.8	50.0
4-Methyl-2-pentanone	Ave	0.2879	0.2737	0.0500	0.0380	0.0400	-5.0	50.0
Toluene	Ave	1.579	1.592	0.4000	0.0202	0.0200	0.8	30.0
trans-1,3-Dichloropropene	Ave	0.5144	0.5453	0.1000	0.0212	0.0200	6.0	30.0
Ethyl methacrylate	Ave	0.4263	0.4621		0.0217	0.0200	8.4	30.0
1,1,2-Trichloroethane	Ave	0.3037	0.3132	0.1000	0.0206	0.0200	3.1	30.0
Tetrachloroethene	Ave	0.4395	0.4447	0.1500	0.0202	0.0200	1.2	30.0
1,3-Dichloropropane	Ave	0.5581	0.5518		0.0198	0.0200	-1.1	30.0
2-Hexanone	Ave	0.2810	0.3034	0.0500	0.0432	0.0400	8.0	50.0
Dibromochloromethane	Ave	0.3135	0.3183		0.0203	0.0200	1.5	30.0
1,2-Dibromoethane	Ave	0.3226	0.3226		0.0200	0.0200	-0.0	30.0
Chlorobenzene	Ave	0.9941	0.9907	0.3000	0.0199	0.0200	-0.3	30.0
1,1,1,2-Tetrachloroethane	Ave	0.3226	0.3094		0.0192	0.0200	-4.1	30.0
Ethylbenzene	Ave	0.5236	0.5421		0.0207	0.0200	3.5	30.0
m-Xylene & p-Xylene	Ave	0.6372	0.6640		0.0208	0.0200	4.2	30.0
o-Xylene	Ave	0.5989	0.6220		0.0208	0.0200	3.9	30.0
Styrene	Ave	0.997	1.036	0.3000	0.0208	0.0200	3.9	30.0
Bromoform	Ave	0.2214	0.2254	0.1000	0.0204	0.0200	1.8	30.0
Isopropylbenzene	Ave	1.555	1.645	0.1000	0.0212	0.0200	5.8	30.0
1,1,2,2-Tetrachloroethane	Ave	0.8178	0.8050	0.3000	0.0197	0.0200	-1.6	30.0
trans-1,4-Dichloro-2-butene	Ave	0.2719	0.2923		0.0215	0.0200	7.5	30.0
Bromobenzene	Ave	0.8179	0.8261		0.0202	0.0200	1.0	30.0
1,2,3-Trichloropropane	Ave	0.2850	0.2668		0.0187	0.0200	-6.4	30.0
n-Propylbenzene	Ave	0.8236	0.8969		0.0218	0.0200	8.9	30.0
2-Chlorotoluene	Ave	0.7029	0.7440		0.0212	0.0200	5.8	30.0
1,3,5-Trimethylbenzene	Ave	2.271	2.522		0.0222	0.0200	11.0	30.0
4-Chlorotoluene	Ave	0.7542	0.8015		0.0213	0.0200	6.3	30.0
tert-Butylbenzene	Ave	2.051	2.322		0.0226	0.0200	13.2	30.0
1,2,4-Trimethylbenzene	Ave	2.266	2.530		0.0223	0.0200	11.6	30.0
sec-Butylbenzene	Ave	2.769	3.209		0.0232	0.0200	15.9	30.0
1,3-Dichlorobenzene	Ave	1.475	1.495	0.6000	0.0203	0.0200	1.4	30.0
p-Isopropyltoluene	Ave	2.321	2.704		0.0233	0.0200	16.5	30.0
1,4-Dichlorobenzene	Ave	1.547	1.541	0.5000	0.0199	0.0200	-0.4	30.0
n-Butylbenzene	Ave	1.965	2.296		0.0234	0.0200	16.8	30.0
1,2-Dichlorobenzene	Ave	1.373	1.385	0.4000	0.0202	0.0200	0.9	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-165830-1
 SDG No.: _____
 Lab Sample ID: ICV 240-523289/17 Calibration Date: 04/20/2022 15:46
 Instrument ID: A3UX12 Calib Start Date: 04/20/2022 12:50
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 04/20/2022 15:24
 Lab File ID: u1290144.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dibromo-3-Chloropropane	Ave	0.1903	0.1848	0.0500	0.0194	0.0200	-2.9	50.0
1,2,4-Trichlorobenzene	Ave	0.7551	0.8491	0.2000	0.0225	0.0200	12.5	50.0
Hexachlorobutadiene	Ave	0.3301	0.4865		0.0295	0.0200	47.4	50.0
Naphthalene	Ave	2.248	2.364		0.0210	0.0200	5.2	50.0
1,2,3-Trichlorobenzene	Ave	0.7170	0.7992		0.0223	0.0200	11.5	30.0
Dibromofluoromethane (Surr)	Ave	0.2478	0.2255		0.0182	0.0200	-9.0	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2932	0.2572		0.0175	0.0200	-12.3	30.0
Toluene-d8 (Surr)	Ave	1.331	1.307		0.0196	0.0200	-1.8	30.0
4-Bromofluorobenzene (Surr)	Ave	0.4710	0.4871		0.0207	0.0200	3.4	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-165830-1
 SDG No.: _____
 Lab Sample ID: ICV 240-523289/27 Calibration Date: 04/20/2022 19:05
 Instrument ID: A3UX12 Calib Start Date: 04/20/2022 12:50
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 04/20/2022 15:24
 Lab File ID: u1290153.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dibromofluoromethane (Surr)	Ave	0.2478	0.2235		0.0180	0.0200	-9.8	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2932	0.2614		0.0178	0.0200	-10.8	30.0
Toluene-d8 (Surr)	Ave	1.331	1.325		0.0199	0.0200	-0.4	30.0
4-Bromofluorobenzene (Surr)	Ave	0.4710	0.4706		0.0200	0.0200	-0.0	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-165830-1
 SDG No.: _____
 Lab Sample ID: ICV 240-523289/27 Calibration Date: 04/20/2022 19:05
 Instrument ID: A3UX12 Calib Start Date: 04/20/2022 16:52
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 04/20/2022 18:43
 Lab File ID: u1290153.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Acetonitrile	Ave	0.0323	0.0274		0.169	0.200	-15.3	30.0
Diisopropyl ether	Ave	0.2090	0.1930		0.0185	0.0200	-7.7	30.0
2-Chloro-1,3-butadiene	Ave	0.4292	0.4087		0.0190	0.0200	-4.8	30.0
Ethyl tert-Butyl Ether (ETBE)	Ave	0.7389	0.7269		0.0197	0.0200	-1.6	30.0
Ethyl acetate	Ave	0.3138	0.2873		0.0366	0.0400	-8.4	30.0
Propionitrile	Ave	0.0391	0.0352		0.180	0.200	-9.9	30.0
Methacrylonitrile	Ave	0.1842	0.1811		0.197	0.200	-1.7	30.0
Tert-amyl-methyl ether (TAME)	Ave	0.7432	0.6954		0.0187	0.0200	-6.4	30.0
n-Butanol	Ave	0.0077	0.0076		0.496	0.500	-0.8	30.0
Ethyl acrylate	Ave	0.3794	0.4110		0.0217	0.0200	8.3	30.0
Methyl methacrylate	Ave	0.2684	0.2722		0.0406	0.0400	1.4	30.0
2-Nitropropane	Ave	0.0692	0.0625		0.0361	0.0400	-9.7	30.0
n-Butyl acetate	Ave	0.5895	0.5955		0.0202	0.0200	1.0	30.0
1-Chlorohexane	Ave	0.4915	0.4824		0.0196	0.0200	-1.8	30.0
Cyclohexanone	Ave	0.0112	0.0097		0.173	0.200	-13.5	30.0
Pentachloroethane	Ave	0.1508	0.1159		0.0308	0.0400	-23.1	30.0
1,2,3-Trimethylbenzene	Ave	2.363	2.476		0.0210	0.0200	4.8	30.0
Benzyl chloride	Ave	1.389	1.180		0.0170	0.0200	-15.0	30.0
1,3,5-Trichlorobenzene	Ave	0.8650	0.9755		0.0226	0.0200	12.8	30.0
2-Methylnaphthalene	Ave	1.002	1.523		0.0608	0.0400	51.9*	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-165830-1
 SDG No.: _____
 Lab Sample ID: CCV 240-525559/3 Calibration Date: 05/09/2022 09:15
 Instrument ID: A3UX12 Calib Start Date: 04/20/2022 16:52
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 04/20/2022 18:43
 Lab File ID: u1290464.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Acetonitrile	Ave	0.0323	0.0340		0.210	0.200	5.2	20.0
Diisopropyl ether	Ave	0.2090	0.2043		0.0196	0.0200	-2.2	20.0
2-Chloro-1,3-butadiene	Ave	0.4292	0.4263		0.0199	0.0200	-0.7	20.0
Ethyl tert-Butyl Ether (ETBE)	Ave	0.7389	0.7471		0.0202	0.0200	1.1	20.0
Ethyl acetate	Ave	0.3138	0.3178		0.0405	0.0400	1.3	20.0
Propionitrile	Ave	0.0391	0.0417		0.213	0.200	6.5	20.0
Methacrylonitrile	Ave	0.1842	0.1912		0.208	0.200	3.8	20.0
Tert-amyl-methyl ether (TAME)	Ave	0.7432	0.7460		0.0201	0.0200	0.4	20.0
n-Butanol	Ave	0.0077	0.0062		0.403	0.500	-19.4	20.0
Ethyl acrylate	Ave	0.3794	0.3934		0.0207	0.0200	3.7	20.0
Methyl methacrylate	Ave	0.2684	0.2716		0.0405	0.0400	1.2	20.0
2-Nitropropane	Ave	0.0692	0.0752		0.0435	0.0400	8.7	20.0
n-Butyl acetate	Ave	0.5895	0.5657		0.0192	0.0200	-4.0	20.0
1-Chlorohexane	Ave	0.4915	0.4822		0.0196	0.0200	-1.9	20.0
Cyclohexanone	Ave	0.0112	0.0097		0.173	0.200	-13.5	20.0
Pentachloroethane	Ave	0.1508	0.3478		0.0923	0.0400	130.7*	20.0
1,2,3-Trimethylbenzene	Ave	2.363	2.335		0.0198	0.0200	-1.2	20.0
Benzyl chloride	Ave	1.389	1.561		0.0225	0.0200	12.4	20.0
1,3,5-Trichlorobenzene	Ave	0.8650	0.8467		0.0196	0.0200	-2.1	20.0
2-Methylnaphthalene	Ave	1.002	1.182		0.0472	0.0400	17.9	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-165830-1
 SDG No.: _____
 Lab Sample ID: CCVIS 240-525559/4 Calibration Date: 05/09/2022 09:37
 Instrument ID: A3UX12 Calib Start Date: 04/20/2022 12:50
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 04/20/2022 15:24
 Lab File ID: u1290465.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.3512	0.3408	0.1000	0.0194	0.0200	-2.9	20.0
Chloromethane	Ave	0.3540	0.3774	0.1000	0.0213	0.0200	6.6	20.0
Vinyl chloride	Ave	0.3447	0.3818	0.1000	0.0222	0.0200	10.8	20.0
Butadiene	Ave	0.3530	0.3778		0.0214	0.0200	7.0	20.0
Bromomethane	Ave	0.2340	0.2569	0.0500	0.0220	0.0200	9.8	20.0
Chloroethane	Ave	0.2228	0.2493	0.0500	0.0224	0.0200	11.9	20.0
Dichlorofluoromethane	Ave	0.5152	0.5777		0.0224	0.0200	12.1	20.0
Trichlorofluoromethane	Ave	0.4500	0.5166	0.1000	0.0230	0.0200	14.8	20.0
Ethyl ether	Ave	0.1985	0.2071		0.0209	0.0200	4.3	20.0
Acrolein	Ave	0.0350	0.0205		0.0585	0.100	-41.5*	20.0
1,1,2-Trichloro-1,2,2-trichf luoroethane	Ave	0.2597	0.2877	0.0500	0.0222	0.0200	10.8	20.0
1,1-Dichloroethene	Ave	0.3889	0.4210	0.1000	0.0217	0.0200	8.3	20.0
Acetone	Ave	0.0730	0.0716	0.0100	0.0392	0.0400	-2.0	50.0
Iodomethane	Ave	0.3897	0.4312		0.0221	0.0200	10.6	20.0
Carbon disulfide	Ave	0.7704	0.8321	0.1000	0.0216	0.0200	8.0	20.0
Methyl acetate	Ave	0.1987	0.2046	0.1000	0.0412	0.0400	3.0	50.0
3-Chloro-1-propene	Ave	0.3967	0.3847		0.0194	0.0200	-3.0	20.0
Methylene Chloride	Lin1		0.3614	0.1000	0.0212	0.0200	6.1	50.0
tert-Butyl alcohol	Ave	0.0213	0.0207		0.194	0.200	-3.1	20.0
Acrylonitrile	Ave	0.0883	0.0971		0.220	0.200	9.9	20.0
Methyl-tert-butyl Ether (MTBE)	Ave	0.6687	0.6907	0.1000	0.0207	0.0200	3.3	20.0
trans-1,2-Dichloroethene	Ave	0.3766	0.3685	0.1000	0.0196	0.0200	-2.1	20.0
Hexane	Ave	0.3963	0.4011		0.0202	0.0200	1.2	20.0
Vinyl acetate	Ave	0.4338	0.5559		0.0256	0.0200	28.1*	20.0
1,1-Dichloroethane	Ave	0.4728	0.4743	0.2000	0.0201	0.0200	0.3	20.0
2-Butanone	Ave	0.0330	0.0383	0.0100	0.0465	0.0400	16.2	50.0
cis-1,2-Dichloroethene	Ave	0.2720	0.2755	0.1000	0.0203	0.0200	1.3	20.0
2,2-Dichloropropane	Ave	0.3051	0.3153		0.0207	0.0200	3.4	20.0
Bromochloromethane	Ave	0.2066	0.2117		0.0205	0.0200	2.4	20.0
Tetrahydrofuran	Ave	0.0858	0.0949		0.0443	0.0400	10.7	20.0
Chloroform	Ave	0.4529	0.4479	0.2000	0.0198	0.0200	-1.1	20.0
1,1,1-Trichloroethane	Ave	0.3974	0.4182	0.1000	0.0210	0.0200	5.2	20.0
Cyclohexane	Ave	0.4138	0.4411	0.1000	0.0213	0.0200	6.6	20.0
1,1-Dichloropropene	Ave	0.3944	0.4042		0.0205	0.0200	2.5	20.0
Carbon tetrachloride	Ave	0.3377	0.3480	0.1000	0.0206	0.0200	3.1	20.0
Isobutyl alcohol	Ave	0.0095	0.0093		0.489	0.500	-2.2	20.0
Benzene	Ave	1.081	1.122	0.5000	0.0208	0.0200	3.8	20.0
1,2-Dichloroethane	Ave	0.3527	0.3673	0.1000	0.0208	0.0200	4.1	20.0
n-Heptane	Ave	0.1707	0.2020		0.0237	0.0200	18.3	20.0
Trichloroethene	Ave	0.3019	0.3014	0.1500	0.0200	0.0200	-0.2	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-165830-1
 SDG No.: _____
 Lab Sample ID: CCVIS 240-525559/4 Calibration Date: 05/09/2022 09:37
 Instrument ID: A3UX12 Calib Start Date: 04/20/2022 12:50
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 04/20/2022 15:24
 Lab File ID: u1290465.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methylcyclohexane	Ave	0.4352	0.4546	0.1000	0.0209	0.0200	4.5	20.0
1,2-Dichloropropane	Ave	0.2515	0.2666	0.1000	0.0212	0.0200	6.0	20.0
1,4-Dioxane	Lin1		0.0021		0.367	0.400	-8.4	50.0
Dibromomethane	Ave	0.1813	0.1898		0.0209	0.0200	4.7	20.0
Bromodichloromethane	Ave	0.3287	0.3396	0.1500	0.0207	0.0200	3.3	20.0
2-Chloroethyl vinyl ether	Ave	0.1670	0.2026		0.0485	0.0400	21.4*	20.0
cis-1,3-Dichloropropene	Ave	0.3954	0.4402	0.1500	0.0223	0.0200	11.3	50.0
4-Methyl-2-pentanone	Ave	0.2879	0.3325	0.0500	0.0462	0.0400	15.5	50.0
Toluene	Ave	1.579	1.584	0.4000	0.0201	0.0200	0.3	20.0
trans-1,3-Dichloropropene	Ave	0.5144	0.5410	0.1000	0.0210	0.0200	5.2	20.0
Ethyl methacrylate	Ave	0.4263	0.4739		0.0222	0.0200	11.2	20.0
1,1,2-Trichloroethane	Ave	0.3037	0.3113	0.1000	0.0205	0.0200	2.5	20.0
Tetrachloroethene	Ave	0.4395	0.4275	0.1500	0.0195	0.0200	-2.7	20.0
1,3-Dichloropropane	Ave	0.5581	0.5759		0.0206	0.0200	3.2	20.0
2-Hexanone	Ave	0.2810	0.3150	0.0500	0.0448	0.0400	12.1	50.0
Dibromochloromethane	Ave	0.3135	0.3246		0.0207	0.0200	3.5	20.0
1,2-Dibromoethane	Ave	0.3226	0.3361		0.0208	0.0200	4.2	20.0
Chlorobenzene	Ave	0.9941	0.9730	0.3000	0.0196	0.0200	-2.1	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3226	0.3206		0.0199	0.0200	-0.6	20.0
Ethylbenzene	Ave	0.5236	0.5282		0.0202	0.0200	0.9	20.0
m-Xylene & p-Xylene	Ave	0.6372	0.6482		0.0203	0.0200	1.7	20.0
o-Xylene	Ave	0.5989	0.6196		0.0207	0.0200	3.5	20.0
Styrene	Ave	0.997	1.048	0.3000	0.0210	0.0200	5.1	20.0
Bromoform	Ave	0.2214	0.2381	0.1000	0.0215	0.0200	7.5	20.0
Isopropylbenzene	Ave	1.555	1.600	0.1000	0.0206	0.0200	2.9	20.0
1,1,2,2-Tetrachloroethane	Ave	0.8178	0.8087	0.3000	0.0198	0.0200	-1.1	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2719	0.2966		0.0218	0.0200	9.1	20.0
Bromobenzene	Ave	0.8179	0.8110		0.0198	0.0200	-0.8	20.0
1,2,3-Trichloropropane	Ave	0.2850	0.2722		0.0191	0.0200	-4.5	20.0
n-Propylbenzene	Ave	0.8236	0.8402		0.0204	0.0200	2.0	20.0
2-Chlorotoluene	Ave	0.7029	0.7235		0.0206	0.0200	2.9	20.0
1,3,5-Trimethylbenzene	Ave	2.271	2.396		0.0211	0.0200	5.5	20.0
4-Chlorotoluene	Ave	0.7542	0.7683		0.0204	0.0200	1.9	20.0
tert-Butylbenzene	Ave	2.051	2.135		0.0208	0.0200	4.1	20.0
1,2,4-Trimethylbenzene	Ave	2.266	2.386		0.0211	0.0200	5.3	20.0
sec-Butylbenzene	Ave	2.769	2.920		0.0211	0.0200	5.5	20.0
p-Isopropyltoluene	Ave	2.321	2.462		0.0212	0.0200	6.1	20.0
1,3-Dichlorobenzene	Ave	1.475	1.426	0.6000	0.0193	0.0200	-3.3	20.0
1,4-Dichlorobenzene	Ave	1.547	1.470	0.5000	0.0190	0.0200	-4.9	20.0
n-Butylbenzene	Ave	1.965	1.975		0.0201	0.0200	0.5	20.0
1,2-Dichlorobenzene	Ave	1.373	1.343	0.4000	0.0196	0.0200	-2.2	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-165830-1
 SDG No.: _____
 Lab Sample ID: CCVIS 240-525559/4 Calibration Date: 05/09/2022 09:37
 Instrument ID: A3UX12 Calib Start Date: 04/20/2022 12:50
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 04/20/2022 15:24
 Lab File ID: u1290465.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dibromo-3-Chloropropane	Ave	0.1903	0.1879	0.0500	0.0197	0.0200	-1.3	50.0
1,2,4-Trichlorobenzene	Ave	0.7551	0.7308	0.2000	0.0194	0.0200	-3.2	50.0
Hexachlorobutadiene	Ave	0.3301	0.3137		0.0190	0.0200	-5.0	50.0
Naphthalene	Ave	2.248	2.325		0.0207	0.0200	3.4	50.0
1,2,3-Trichlorobenzene	Ave	0.7170	0.7417		0.0207	0.0200	3.4	20.0
Dibromofluoromethane (Surr)	Ave	0.2478	0.2410		0.0195	0.0200	-2.7	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2932	0.2984		0.0204	0.0200	1.8	20.0
Toluene-d8 (Surr)	Ave	1.331	1.319		0.0198	0.0200	-0.9	20.0
4-Bromofluorobenzene (Surr)	Ave	0.4710	0.4687		0.0199	0.0200	-0.5	20.0

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton Job No.: 240-165830-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 240-525559/8
 Matrix: Water Lab File ID: u1290469.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 05/09/2022 11:05
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 525559 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	5.4	U	10	5.4
71-43-2	Benzene	0.42	U	1.0	0.42
108-86-1	Bromobenzene	0.50	U	1.0	0.50
74-97-5	Bromochloromethane	0.54	U	1.0	0.54
75-27-4	Bromodichloromethane	0.17	U	1.0	0.17
75-25-2	Bromoform	0.76	U	1.0	0.76
74-83-9	Bromomethane	0.42	U	1.0	0.42
78-93-3	2-Butanone	1.2	U	10	1.2
75-15-0	Carbon disulfide	0.59	U	1.0	0.59
56-23-5	Carbon tetrachloride	0.26	U	1.0	0.26
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
75-00-3	Chloroethane	0.83	U	1.0	0.83
110-75-8	2-Chloroethyl vinyl ether	1.5	U	10	1.5
67-66-3	Chloroform	0.47	U	1.0	0.47
74-87-3	Chloromethane	0.63	U	1.0	0.63
95-49-8	2-Chlorotoluene	0.57	U	1.0	0.57
106-43-4	4-Chlorotoluene	0.43	U	1.0	0.43
156-59-2	cis-1,2-Dichloroethene	0.46	U	1.0	0.46
10061-01-5	cis-1,3-Dichloropropene	0.61	U	1.0	0.61
124-48-1	Dibromochloromethane	0.39	U	1.0	0.39
96-12-8	1,2-Dibromo-3-Chloropropane	0.91	U	2.0	0.91
106-93-4	1,2-Dibromoethane	0.41	U	1.0	0.41
74-95-3	Dibromomethane	0.40	U	1.0	0.40
95-50-1	1,2-Dichlorobenzene	0.48	U	1.0	0.48
541-73-1	1,3-Dichlorobenzene	0.45	U	1.0	0.45
106-46-7	1,4-Dichlorobenzene	0.41	U	1.0	0.41
75-71-8	Dichlorodifluoromethane	0.35	U	1.0	0.35
75-34-3	1,1-Dichloroethane	0.47	U	1.0	0.47
107-06-2	1,2-Dichloroethane	0.21	U	1.0	0.21
75-35-4	1,1-Dichloroethene	0.49	U	1.0	0.49
78-87-5	1,2-Dichloropropane	0.47	U	1.0	0.47
142-28-9	1,3-Dichloropropane	0.21	U	1.0	0.21
594-20-7	2,2-Dichloropropane	0.78	U	1.0	0.78
563-58-6	1,1-Dichloropropene	0.36	U	1.0	0.36
108-20-3	Diisopropyl ether	0.17	U	10	0.17
100-41-4	Ethylbenzene	0.42	U	1.0	0.42

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton Job No.: 240-165830-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 240-525559/8
 Matrix: Water Lab File ID: u1290469.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 05/09/2022 11:05
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 525559 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
637-92-3	Ethyl tert-Butyl Ether (ETBE)	0.40	U	5.0	0.40
87-68-3	Hexachlorobutadiene	0.83	U	1.0	0.83
591-78-6	2-Hexanone	1.1	U	10	1.1
98-82-8	Isopropylbenzene	0.49	U	1.0	0.49
75-09-2	Methylene Chloride	2.6	U	5.0	2.6
108-10-1	4-Methyl-2-pentanone	0.99	U	10	0.99
1634-04-4	Methyl-tert-butyl Ether (MTBE)	0.47	U	1.0	0.47
179601-23-1	m-Xylene & p-Xylene	0.42	U	2.0	0.42
91-20-3	Naphthalene	0.80	U	1.0	0.80
104-51-8	n-Butylbenzene	0.60	U	1.0	0.60
103-65-1	n-Propylbenzene	0.57	U	1.0	0.57
95-47-6	o-Xylene	0.42	U	1.0	0.42
99-87-6	p-Isopropyltoluene	0.56	U	1.0	0.56
135-98-8	sec-Butylbenzene	0.53	U	1.0	0.53
100-42-5	Styrene	0.45	U	1.0	0.45
994-05-8	Tert-amyl-methyl ether (TAME)	0.43	U	5.0	0.43
75-65-0	tert-Butyl alcohol	7.2	U	40	7.2
98-06-6	tert-Butylbenzene	0.48	U	1.0	0.48
630-20-6	1,1,1,2-Tetrachloroethane	0.43	U	1.0	0.43
79-34-5	1,1,2,2-Tetrachloroethane	0.60	U	1.0	0.60
127-18-4	Tetrachloroethene	0.44	U	1.0	0.44
108-88-3	Toluene	0.44	U	1.0	0.44
156-60-5	trans-1,2-Dichloroethene	0.51	U	1.0	0.51
10061-02-6	trans-1,3-Dichloropropene	0.67	U	1.0	0.67
87-61-6	1,2,3-Trichlorobenzene	0.54	U	1.0	0.54
120-82-1	1,2,4-Trichlorobenzene	0.77	U	1.0	0.77
71-55-6	1,1,1-Trichloroethane	0.48	U	1.0	0.48
79-01-6	Trichloroethene	0.44	U	1.0	0.44
75-69-4	Trichlorofluoromethane	0.45	U	1.0	0.45
96-18-4	1,2,3-Trichloropropane	0.52	U	1.0	0.52
76-13-1	1,1,2-Trichloro-1,2,2-trichloroethane	0.41	U	1.0	0.41
526-73-8	1,2,3-Trimethylbenzene	0.31	U	5.0	0.31
95-63-6	1,2,4-Trimethylbenzene	0.52	U	1.0	0.52
108-05-4	Vinyl acetate	0.61	U	2.0	0.61
75-01-4	Vinyl chloride	0.45	U	1.0	0.45

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton Job No.: 240-165830-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 240-525559/8
 Matrix: Water Lab File ID: u1290469.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 05/09/2022 11:05
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 525559 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1330-20-7	Xylenes, Total	0.42	U	2.0	0.42

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	86		56-136
1868-53-7	Dibromofluoromethane (Surr)	92		73-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		62-137
2037-26-5	Toluene-d8 (Surr)	90		78-122

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Canton Job No.: 240-165830-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 240-525559/8
 Matrix: Water Lab File ID: u1290469.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 05/09/2022 11:05
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 525559 Units: ug/L
 Number TICs Found: 1 TIC Result Total: 5.02

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Unknown	1.89	5.02	T J	

FORM II
DIESEL RANGE ORGANICS SURROGATE RECOVERY

Lab Name: Eurofins Canton

Job No.: 240-165830-1

SDG No.:

Matrix: Water

Level: Low

GC Column (1): Rxi-5HT ID: 0.53 (mm)

Client Sample ID	Lab Sample ID	OTPH #
GSP-EB-WC-042922	240-165830-6	64
	MB 240-525295/4-A	85
	LCS 240-525295/5-A	94

OTPH = o-Terphenyl (Surr)

QC LIMITS
52-121

Column to be used to flag recovery values

FORM II 8015D

FORM III
DIESEL RANGE ORGANICS LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Canton Job No.: 240-165830-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: R0050611.D
 Lab ID: LCS 240-525295/5-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Diesel	2000	1680	84	56-120	

Column to be used to flag recovery and RPD values
FORM III 8015D

FORM IV
DIESEL RANGE ORGANICS METHOD BLANK SUMMARY

Lab Name: Eurofins Canton Job No.: 240-165830-1
 SDG No.: _____
 Lab File ID: R0050610.D Lab Sample ID: MB 240-525295/4-A
 Matrix: Water Date Extracted: 05/05/2022 11:43
 Instrument ID: A2HP14R Date Analyzed: 05/06/2022 15:41
 Level: (Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
GSP-EB-WC-042922	240-165830-6	F0050610.D	05/06/2022 15:41
	LCS 240-525295/5-A	R0050611.D	05/06/2022 16:09

FORM VIII
DIESEL RANGE ORGANICS ANALYTICAL SEQUENCE

Lab Name: Eurofins Canton Job No.: 240-165830-1
 SDG No.: _____
 Sample No.: STD3 240-519294/6 Date Analyzed: 03/07/2022 17:41
 Instrument ID: A2HP14F GC Column: Rxi-5HT ID: 0.53 (mm)
 Lab File ID (Standard): F0030706.D Heated Purge: (Y/N) N
 Calibration ID: 64834

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSS IS GIVEN BELOW:

				OTPH		
				RT #		
INITIAL CALIBRATION SURROGATE				8.75		
UPPER LIMIT				8.85		
LOWER LIMIT				8.65		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
STD3 240-519294/6 ICRT		03/07/2022 17:41	F0030706.D	8.75		

OTPH = o-Terphenyl

OTPH RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII
DIESEL RANGE ORGANICS ANALYTICAL SEQUENCE

Lab Name: Eurofins Canton Job No.: 240-165830-1
 SDG No.: _____
 Sample No.: CCVRT 240-525427/4 Date Analyzed: 05/06/2022 11:37
 Instrument ID: A2HP14F GC Column: Rxi-5HT ID: 0.53 (mm)
 Lab File ID (Standard): F0050604.D Heated Purge: (Y/N) N
 Calibration ID: 64834

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSS IS GIVEN BELOW:

				OTPH		
				RT #		
CONTINUING CALIBRATION SURROGATE				8.74		
UPPER LIMIT				8.84		
LOWER LIMIT				8.64		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 240-525427/4		05/06/2022 11:37	F0050604.D	8.74		
CCV 240-525427/8		05/06/2022 13:32	F0050608.D	8.74		
240-165830-6	GSP-EB-WC-042922	05/06/2022 15:41	F0050610.D	8.74		
CCV 240-525427/11		05/06/2022 16:09	F0050611.D	8.74		

OTPH = o-Terphenyl

OTPH RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII
DIESEL RANGE ORGANICS ANALYTICAL SEQUENCE

Lab Name: Eurofins Canton Job No.: 240-165830-1
 SDG No.: _____
 Sample No.: CCVRT 240-525429/4 Date Analyzed: 05/06/2022 11:37
 Instrument ID: A2HP14R GC Column: Rxi-5HT ID: 0.53 (mm)
 Lab File ID (Standard): R0050604.D Heated Purge: (Y/N) N
 Calibration ID: 65590

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSS IS GIVEN BELOW:

				OTPH		
				RT #		
CONTINUING CALIBRATION SURROGATE				8.67		
UPPER LIMIT				8.77		
LOWER LIMIT				8.57		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 240-525429/4		05/06/2022 11:37	R0050604.D	8.67		
CCV 240-525429/7		05/06/2022 13:03	R0050607.D	8.67		
MB 240-525295/4-A		05/06/2022 15:41	R0050610.D	8.67		
LCS 240-525295/5-A		05/06/2022 16:09	R0050611.D	8.67		
CCV 240-525429/12		05/06/2022 16:38	R0050612.D	8.67		

OTPH = o-Terphenyl

OTPH RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VI
 DIESEL RANGE ORGANICS BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
 RETENTION TIME SUMMARY

Lab Name: Eurofins Canton Job No.: 240-165830-1 Analy Batch No.: 519294

SDG No.: _____

Instrument ID: A2HP14F GC Column: Rxi-5HT ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/07/2022 16:44 Calibration End Date: 03/07/2022 18:38 Calibration ID: 64834

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 240-519294/4	F0030704.D
Level 2	STD2 240-519294/5	F0030705.D
Level 3	STD3 240-519294/6	F0030706.D
Level 4	STD4 240-519294/7	F0030707.D
Level 5	STD5 240-519294/8	F0030708.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
Diesel	8.089	8.089	8.089	8.089	8.089						4.042 - 12.137	8.089
o-Terphenyl (Surr)	8.743	8.744	8.746	8.749	8.754						8.643 - 8.843	8.747

FORM VI
DIESEL RANGE ORGANICS BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Canton Job No.: 240-165830-1 Analy Batch No.: 519294

SDG No.: _____

Instrument ID: A2HP14F GC Column: Rxi-5HT ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/07/2022 16:44 Calibration End Date: 03/07/2022 18:38 Calibration ID: 64834

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 240-519294/4	F0030704.D
Level 2	STD2 240-519294/5	F0030705.D
Level 3	STD3 240-519294/6	F0030706.D
Level 4	STD4 240-519294/7	F0030707.D
Level 5	STD5 240-519294/8	F0030708.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
Diesel	785071 863940	787523	833374	851171	Ave		824215.83 1			4.4		20.0				
o-Terphenyl (Surr)	950619 1099043	964838	1042011	1071484	Ave		1025598.9 8			6.4		20.0				

Note: The M1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
DIESEL RANGE ORGANICS BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Canton Job No.: 240-165830-1 Analy Batch No.: 519294

SDG No.: _____

Instrument ID: A2HP14F GC Column: Rxi-5HT ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/07/2022 16:44 Calibration End Date: 03/07/2022 18:38 Calibration ID: 64834

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 240-519294/4	F0030704.D
Level 2	STD2 240-519294/5	F0030705.D
Level 3	STD3 240-519294/6	F0030706.D
Level 4	STD4 240-519294/7	F0030707.D
Level 5	STD5 240-519294/8	F0030708.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
		I _{VL} 1	I _{VL} 2	I _{VL} 3	I _{VL} 4	I _{VL} 5	I _{VL} 1	I _{VL} 2	I _{VL} 3	I _{VL} 4	I _{VL} 5
Diesel	Ave	15701415	31500933	83337419	170234125	345576105	20.0	40.0	100	200	400
o-Terphenyl (Surr)	Ave	1520990	3087482	8336086	17143748	35169377	1.60	3.20	8.00	16.0	32.0

Curve Type Legend

Ave = Average

FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Canton Job No.: 240-165830-1
 SDG No.: _____
 Lab Sample ID: ICV 240-519294/9 Calibration Date: 03/07/2022 19:06
 Instrument ID: A2HP14F Calib Start Date: 03/07/2022 16:44
 GC Column: Rxi-5HT ID: 0.53 (mm) Calib End Date: 03/07/2022 18:38
 Lab File ID: F0030709.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diesel	Ave	824216	828701		101000	100000	0.5	20.0

FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Canton Job No.: 240-165830-1
 SDG No.: _____
 Lab Sample ID: ICV 240-519294/9 Calibration Date: 03/07/2022 19:06
 Instrument ID: A2HP14F Calib Start Date: 03/07/2022 16:44
 GC Column: Rxi-5HT ID: 0.53 (mm) Calib End Date: 03/07/2022 18:38
 Lab File ID: F0030709.D

Analyte	RT	RT WINDOW	
		FROM	TO
Diesel	8.09	4.04	12.14

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Canton Job No.: 240-165830-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 240-525295/4-A
 Matrix: Water Lab File ID: R0050610.D
 Analysis Method: 8015D Date Collected: _____
 Extraction Method: 3510C LVI Date Extracted: 05/05/2022 11:43
 Sample wt/vol: 250 (mL) Date Analyzed: 05/06/2022 15:41
 Con. Extract Vol.: 5 (mL) Dilution Factor: 1
 Injection Volume: 1 (uL) GC Column: Rxi-5HT ID: 0.53 (mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 525429 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00141	DRO (C10-C32)	230	U	500	230

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl (Surr)	85		52-121

DIESEL RANGE ORGANICS ANALYSIS RUN LOG

Lab Name: Eurofins Canton Job No.: 240-165830-1

SDG No.: _____

Instrument ID: A2HP14F Start Date: 03/07/2022 16:15

Analysis Batch Number: 519294 End Date: 03/07/2022 19:06

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
RTC 240-519294/3		03/07/2022 16:15	1		Rxi-5HT 0.53 (mm)
STD1 240-519294/4 IC		03/07/2022 16:44	1	F0030704.D	Rxi-5HT 0.53 (mm)
STD2 240-519294/5 IC		03/07/2022 17:12	1	F0030705.D	Rxi-5HT 0.53 (mm)
STD3 240-519294/6 ICRT		03/07/2022 17:41	1	F0030706.D	Rxi-5HT 0.53 (mm)
STD4 240-519294/7 IC		03/07/2022 18:09	1	F0030707.D	Rxi-5HT 0.53 (mm)
STD5 240-519294/8 IC		03/07/2022 18:38	1	F0030708.D	Rxi-5HT 0.53 (mm)
ICV 240-519294/9		03/07/2022 19:06	1	F0030709.D	Rxi-5HT 0.53 (mm)

DIESEL RANGE ORGANICS ANALYSIS RUN LOG

Lab Name: Eurofins Canton Job No.: 240-165830-1

SDG No.: _____

Instrument ID: A2HP14R Start Date: 05/05/2022 11:10

Analysis Batch Number: 525244 End Date: 05/05/2022 18:36

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
RTC 240-525244/3		05/05/2022 11:10	1		Rxi-5HT 0.53 (mm)
STD1 240-525244/4 IC		05/05/2022 11:39	1	R0050504.D	Rxi-5HT 0.53 (mm)
STD2 240-525244/5 IC		05/05/2022 14:18	1	R0050505.D	Rxi-5HT 0.53 (mm)
STD3 240-525244/6 IC		05/05/2022 14:46	1	R0050506.D	Rxi-5HT 0.53 (mm)
STD4 240-525244/7 IC		05/05/2022 15:15	1	R0050507.D	Rxi-5HT 0.53 (mm)
STD5 240-525244/8 IC		05/05/2022 15:44	1	R0050508.D	Rxi-5HT 0.53 (mm)
ICV 240-525244/9		05/05/2022 16:13	1	R0050509.D	Rxi-5HT 0.53 (mm)
ZZZZZ		05/05/2022 16:41	1		Rxi-5HT 0.53 (mm)
ZZZZZ		05/05/2022 17:10	1		Rxi-5HT 0.53 (mm)
ZZZZZ		05/05/2022 17:39	1		Rxi-5HT 0.53 (mm)
ZZZZZ		05/05/2022 18:07	1		Rxi-5HT 0.53 (mm)
CCV 240-525244/14		05/05/2022 18:36	1		Rxi-5HT 0.53 (mm)

DIESEL RANGE ORGANICS ANALYSIS RUN LOG

Lab Name: Eurofins Canton Job No.: 240-165830-1

SDG No.: _____

Instrument ID: A2HP14F Start Date: 05/06/2022 11:08

Analysis Batch Number: 525427 End Date: 05/06/2022 16:09

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
RTC 240-525427/3		05/06/2022 11:08	1	F0050603.D	Rxi-5HT 0.53 (mm)
CCVRT 240-525427/4		05/06/2022 11:37	1	F0050604.D	Rxi-5HT 0.53 (mm)
ZZZZZ		05/06/2022 12:05	1		Rxi-5HT 0.53 (mm)
ZZZZZ		05/06/2022 12:34	1		Rxi-5HT 0.53 (mm)
ZZZZZ		05/06/2022 13:03	1		Rxi-5HT 0.53 (mm)
CCV 240-525427/8		05/06/2022 13:32	1	F0050608.D	Rxi-5HT 0.53 (mm)
ZZZZZ		05/06/2022 15:12	1		Rxi-5HT 0.53 (mm)
240-165830-6	GSP-EB-WC-042922	05/06/2022 15:41	1	F0050610.D	Rxi-5HT 0.53 (mm)
CCV 240-525427/11		05/06/2022 16:09	1	F0050611.D	Rxi-5HT 0.53 (mm)

DIESEL RANGE ORGANICS ANALYSIS RUN LOG

Lab Name: Eurofins Canton Job No.: 240-165830-1

SDG No.: _____

Instrument ID: A2HP14R Start Date: 05/06/2022 11:08

Analysis Batch Number: 525429 End Date: 05/06/2022 16:38

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
RTC 240-525429/3		05/06/2022 11:08	1		Rxi-5HT 0.53 (mm)
CCVRT 240-525429/4		05/06/2022 11:37	1	R0050604.D	Rxi-5HT 0.53 (mm)
ZZZZZ		05/06/2022 12:05	1		Rxi-5HT 0.53 (mm)
ZZZZZ		05/06/2022 12:34	1		Rxi-5HT 0.53 (mm)
CCV 240-525429/7		05/06/2022 13:03	1	R0050607.D	Rxi-5HT 0.53 (mm)
ZZZZZ		05/06/2022 15:12	1		Rxi-5HT 0.53 (mm)
MB 240-525295/4-A		05/06/2022 15:41	1	R0050610.D	Rxi-5HT 0.53 (mm)
LCS 240-525295/5-A		05/06/2022 16:09	1	R0050611.D	Rxi-5HT 0.53 (mm)
CCV 240-525429/12		05/06/2022 16:38	1	R0050612.D	Rxi-5HT 0.53 (mm)

DIESEL RANGE ORGANICS BATCH WORKSHEET

Lab Name: Eurofins Canton Job No.: 240-165830-1

SDG No.: _____

Batch Number: 525295 Batch Start Date: 05/05/22 11:43 Batch Analyst: Blythe, Brittany

Batch Method: 3510C LVI Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ReceivedpH	FirstAdjustpH	exDIESELSPKw 00116	exOTPSURRW 00054
240-165830-D-6	GSP-EB-WC-042922	3510C LVI, 8015D	T	270 mL	5 mL	5 SU	2 SU		0.2 mL
MB 240-525295/4		3510C LVI, 8015D		250 mL	5 mL	7 SU	2 SU		0.2 mL
LCS 240-525295/5		3510C LVI, 8015D		250 mL	5 mL	7 SU	2 SU	0.2 mL	0.2 mL

Batch Notes	
pH Indicator ID	5180570 5180575
Pipette/Syringe/Dispenser ID	6
Analyst ID - Extraction	BRITTANY BLYTHE
Analyst ID - Spike Analyst	BRITTANY BLYTHE
Acid Used for pH Adjustment ID	5671751
Prep Solvent ID	5686076
Na2SO4 ID	5382425
Analyst ID - Concentration	JESSICA TRUSHEL THOMAS COOK

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

2A-IN
 CALIBRATION VERIFICATIONS
 METALS

Lab Name: Eurofins Canton Job No.: 240-165830-1

SDG No.: _____

ICV Source: ICPICV_00033 Concentration Units: ug/L

CCV Source: ICPCCV_00076

Analyte	ICV 240-525195/4 05/04/2022 15:11				CCV 240-525195/91 05/04/2022 21:25				CCV 240-525195/103 05/04/2022 22:16			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Beryllium	2050		2000	103	1960		2000	98	1950		2000	98
Cobalt	2010		2000	101	2030		2000	102	2070		2000	103
Iron	25400		25000	101	23400		25000	94	23300		25000	93
Manganese	2030		2000	102	2030		2000	101	2030		2000	101
Nickel	2050		2000	103	2040		2000	102	2070		2000	104
Thallium	2010		2000	100	1990		2000	99	2020		2000	101
Vanadium	2080		2000	104	1990		2000	100	1970		2000	99
Zinc	1990		2000	100	2010		2000	100	2040		2000	102

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
 Italicized analytes were not requested for this sequence.

2A-IN
 CALIBRATION VERIFICATIONS
 METALS

Lab Name: Eurofins Canton Job No.: 240-165830-1

SDG No.: _____

ICV Source: ICPICV_00033 Concentration Units: ug/L

CCV Source: ICPCCV_00076

Analyte	ICV 240-525195/4 05/04/2022 15:11				CCV 240-525195/91 05/04/2022 21:25				CCV 240-525195/103 05/04/2022 22:16			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Beryllium	2050		2000	103	1960		2000	98	1950		2000	98
Cobalt	2010		2000	101	2030		2000	102	2070		2000	103
Iron	25400		25000	101	23400		25000	94	23300		25000	93
Manganese	2030		2000	102	2030		2000	101	2030		2000	101
Nickel	2050		2000	103	2040		2000	102	2070		2000	104
Thallium	2010		2000	100	1990		2000	99	2020		2000	101
Vanadium	2080		2000	104	1990		2000	100	1970		2000	99
Zinc	1990		2000	100	2010		2000	100	2040		2000	102

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
 Italicized analytes were not requested for this sequence.

2A-IN
 CALIBRATION VERIFICATIONS
 METALS

Lab Name: Eurofins Canton Job No.: 240-165830-1

SDG No.: _____

ICV Source: ICPICV_00033 Concentration Units: ug/L

CCV Source: ICPCCV_00076

Analyte	CCV 240-525195/115 05/04/2022 23:06				CCV 240-525195/127 05/04/2022 23:58							
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Beryllium	1920		2000	96	1930		2000	96				
Cobalt	2040		2000	102	2040		2000	102				
Iron	22900		25000	91	22900		25000	92				
Manganese	2020		2000	101	2040		2000	102				
Nickel	2040		2000	102	2040		2000	102				
Thallium	1980		2000	99	2000		2000	100				
Vanadium	1950		2000	98	1950		2000	98				
Zinc	2000		2000	100	2020		2000	101				

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
 Italicized analytes were not requested for this sequence.

2A-IN
 CALIBRATION VERIFICATIONS
 METALS

Lab Name: Eurofins Canton Job No.: 240-165830-1

SDG No.: _____

ICV Source: MTTRCRIC_00105 Concentration Units: ug/L

CCV Source: ICPCCV_00076

Analyte	ICVL 240-525195/6 05/04/2022 15:20				CCV 240-525195/91 05/04/2022 21:25				CCV 240-525195/103 05/04/2022 22:16			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Beryllium	4.95	J	5.00	99	1960		2000	98	1950		2000	98
Cobalt	9.31	J	10.0	93	2030		2000	102	2070		2000	103
Iron	206		200	103	23400		25000	94	23300		25000	93
Manganese	15.2		15.0	101	2030		2000	101	2030		2000	101
Nickel	39.5	J	40.0	99	2040		2000	102	2070		2000	104
Thallium	19.0	J	20.0	95	1990		2000	99	2020		2000	101
Vanadium	51.9		50.0	104	1990		2000	100	1970		2000	99
Zinc	44.4	J	50.0	89	2010		2000	100	2040		2000	102

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
 Italicized analytes were not requested for this sequence.

2A-IN
 CALIBRATION VERIFICATIONS
 METALS

Lab Name: Eurofins Canton Job No.: 240-165830-1

SDG No.: _____

ICV Source: MTTRCRIC_00105 Concentration Units: ug/L

CCV Source: ICPCCV_00076

Analyte	CCV 240-525195/115 05/04/2022 23:06				CCV 240-525195/127 05/04/2022 23:58							
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Beryllium	1920		2000	96	1930		2000	96				
Cobalt	2040		2000	102	2040		2000	102				
Iron	22900		25000	91	22900		25000	92				
Manganese	2020		2000	101	2040		2000	102				
Nickel	2040		2000	102	2040		2000	102				
Thallium	1980		2000	99	2000		2000	100				
Vanadium	1950		2000	98	1950		2000	98				
Zinc	2000		2000	100	2020		2000	101				

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
 Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: Eurofins Canton Job No.: 240-165830-1

SDG No.: _____

Concentration Units: ug/L

Analyte	RL	ICB 240-525195/5 05/04/2022 15:15		CCB 240-525195/92 05/04/2022 21:29		CCB 240-525195/104 05/04/2022 22:20		CCB 240-525195/116 05/04/2022 23:10	
		Found	C	Found	C	Found	C	Found	C
Beryllium	5.0	0.60	U	0.60	U	0.60	U	0.60	U
Cobalt	10	0.75	U	0.75	U	0.75	U	0.75	U
Iron	200	83	U	83	U	83	U	83	U
Manganese	15	6.2	U	6.2	U	6.2	U	6.2	U
Nickel	40	2.2	U	2.2	U	2.2	U	2.2	U
Thallium	20	3.89	J	2.7	U	2.82	J	2.7	U
Vanadium	50	5.6	U	5.6	U	5.6	U	5.6	U
Zinc	50	9.7	U	9.7	U	9.7	U	9.7	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: Eurofins Canton Job No.: 240-165830-1

SDG No.: _____

Concentration Units: ug/L

Analyte	RL	CCB 240-525195/128 05/05/2022 00:02							
		Found	C	Found	C	Found	C	Found	C
Beryllium	5.0	0.60	U						
Cobalt	10	0.75	U						
Iron	200	83	U						
Manganese	15	6.2	U						
Nickel	40	2.2	U						
Thallium	20	2.7	U						
Vanadium	50	5.6	U						
Zinc	50	9.7	U						

Italicized analytes were not requested for this sequence.

3-IN
METHOD BLANK
METALS - TOTAL RECOVERABLE

Lab Name: Eurofins Canton Job No.: 240-165830-1
SDG No.: _____
Concentration Units: ug/L Lab Sample ID: MB 240-524921/1-A
Instrument Code: I12 Batch No.: 525195

CAS No.	Analyte	Concentration	C	Q	Method
7440-41-7	Beryllium	0.60	U		6010D
7440-48-4	Cobalt	0.75	U		6010D
7439-89-6	Iron	83	U		6010D
7439-96-5	Manganese	6.2	U		6010D
7440-02-0	Nickel	2.2	U		6010D
7440-28-0	Thallium	2.7	U		6010D
7440-62-2	Vanadium	5.6	U		6010D
7440-66-6	Zinc	17.4	J		6010D

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: Eurofins Canton

Job No.: 240-165830-1

SDG No.: _____

Lab Sample ID: ICSA 240-525195/8

Instrument ID: I12

Lab File ID: I12050422B.asc

ICS Source: MTRICSAW_00059

Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Beryllium		0.361	
Cobalt		-1.37	
Iron	200000	192060	96
Manganese		2.26	
Nickel		2.80	
Thallium		1.80	
Vanadium		-0.798	
Zinc		-0.246	
<i>Aluminum</i>	<i>500000</i>	<i>509540</i>	<i>102</i>
<i>Antimony</i>		<i>5.88</i>	
<i>Arsenic</i>		<i>-3.82</i>	
<i>Barium</i>		<i>13.0</i>	
<i>Boron</i>		<i>4.93</i>	
<i>Cadmium</i>		<i>1.30</i>	
<i>Calcium</i>	<i>500000</i>	<i>484750</i>	<i>97</i>
<i>Chromium</i>		<i>2.61</i>	
<i>Copper</i>		<i>-1.62</i>	
<i>Lead</i>		<i>0.749</i>	
<i>Lithium</i>		<i>-7.53</i>	
<i>Magnesium</i>	<i>500000</i>	<i>487920</i>	<i>98</i>
<i>Molybdenum</i>		<i>1.83</i>	
<i>Potassium</i>		<i>178</i>	
<i>Selenium</i>		<i>-4.74</i>	
<i>Silicon</i>		<i>-8.43</i>	
<i>Silver</i>		<i>-1.66</i>	
<i>Sodium</i>		<i>204</i>	
<i>Strontium</i>		<i>21.9</i>	
<i>Tin</i>		<i>0.880</i>	
<i>Titanium</i>		<i>-1.09</i>	

Calculations are performed before rounding to avoid round-off errors in calculated results.

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: Eurofins Canton

Job No.: 240-165830-1

SDG No.: _____

Lab Sample ID: ICSAB 240-525195/9

Instrument ID: I12

Lab File ID: I12050422B.asc

ICS Source: ICPICSAB_00014

Concentration Units: ug/L

Analyte	True	Found	Percent Recovery
	Solution AB	Solution AB	
Beryllium	500	494	99
Cobalt	1000	1010	101
Iron	200000	183330	92
Manganese	1000	973	97
Nickel	1000	1015	101
Thallium	1000	962	96
Vanadium	1000	992	99
Zinc	1000	998	100
<i>Aluminum</i>	<i>500000</i>	<i>485910</i>	<i>97</i>
<i>Antimony</i>	<i>1000</i>	<i>1072</i>	<i>107</i>
<i>Arsenic</i>	<i>1000</i>	<i>1044</i>	<i>104</i>
<i>Barium</i>	<i>1000</i>	<i>1017</i>	<i>102</i>
<i>Boron</i>	<i>10000</i>	<i>9639</i>	<i>96</i>
<i>Cadmium</i>	<i>1000</i>	<i>1036</i>	<i>104</i>
<i>Calcium</i>	<i>500000</i>	<i>464270</i>	<i>93</i>
<i>Chromium</i>	<i>1000</i>	<i>979</i>	<i>98</i>
<i>Copper</i>	<i>1000</i>	<i>1002</i>	<i>100</i>
<i>Lead</i>	<i>1000</i>	<i>906</i>	<i>91</i>
<i>Lithium</i>	<i>500</i>	<i>494</i>	<i>99</i>
<i>Magnesium</i>	<i>500000</i>	<i>466890</i>	<i>93</i>
<i>Molybdenum</i>	<i>1000</i>	<i>938</i>	<i>94</i>
<i>Potassium</i>	<i>10000</i>	<i>10206</i>	<i>102</i>
<i>Selenium</i>	<i>1000</i>	<i>1030</i>	<i>103</i>
<i>Silicon</i>	<i>10000</i>	<i>9924</i>	<i>99</i>
<i>Silver</i>	<i>1000</i>	<i>1023</i>	<i>102</i>
<i>Sodium</i>	<i>10000</i>	<i>10320</i>	<i>103</i>
<i>Strontium</i>	<i>1000</i>	<i>974</i>	<i>97</i>
<i>Tin</i>	<i>1000</i>	<i>1018</i>	<i>102</i>
<i>Titanium</i>	<i>1000</i>	<i>969</i>	<i>97</i>

Calculations are performed before rounding to avoid round-off errors in calculated results.

7A-IN
 LAB CONTROL SAMPLE
 METALS - TOTAL RECOVERABLE

Lab ID: LCS 240-524921/2-A

Lab Name: Eurofins Canton

Job No.: 240-165830-1

Sample Matrix: Water

LCS Source: SPIKE1_00014

Analyte	Water(ug/L)							
	True	Found	C	%R	Limits		Q	Method
Beryllium	1000	943		94	80	120		6010D
Cobalt	1000	977		98	80	120		6010D
Iron	10000	8870		89	80	120		6010D
Manganese	1000	962		96	80	120		6010D
Nickel	1000	981		98	80	120		6010D
Thallium	2000	1900		95	80	120		6010D
Vanadium	1000	948		95	80	120		6010D
Zinc	1000	974		97	80	120		6010D

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

9-IN
DETECTION LIMITS
METALS - TOTAL RECOVERABLE

Lab Name: Eurofins Canton

Job Number: 240-165830-1

SDG Number: _____

Matrix: Water

Instrument ID: I12

Method: 6010D

MDL Date: 06/07/2021 10:56

Prep Method: 3005A

Analyte	Wavelength/ Mass	RL (ug/L)	MDL (ug/L)
Beryllium	313.042	5	0.601
Cobalt	228.616	10	0.752
Iron	271.441	200	82.709
Manganese	257.610	15	6.16
Nickel	231.604	40	2.198
Thallium	190.864	20	2.68
Vanadium	292.402	50	5.562
Zinc	213.856	50	9.674

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS - TOTAL RECOVERABLE

Lab Name: Eurofins Canton

Job Number: 240-165830-1

SDG Number: _____

Matrix: Water

Instrument ID: I12

Method: 6010D

XMDL Date: 06/07/2021 10:56

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Beryllium	313.042	5	0.601
Cobalt	228.616	10	0.752
Iron	271.441	200	82.709
Manganese	257.610	15	6.16
Nickel	231.604	40	2.198
Thallium	190.864	20	2.68
Vanadium	292.402	50	5.562
Zinc	213.856	50	9.674

9-IN
DETECTION LIMITS
METALS - DISSOLVED

Lab Name: Eurofins Canton

Job Number: 240-165830-1

SDG Number: _____

Matrix: Water

Instrument ID: I12

Method: 6010D

MDL Date: 06/07/2021 10:56

Prep Method: 3005A

Analyte	Wavelength/ Mass	RL (ug/L)	MDL (ug/L)
Beryllium	313.042	5	0.601
Cobalt	228.616	10	0.752
Iron	271.441	200	82.709
Manganese	257.610	15	6.16
Nickel	231.604	40	2.198
Thallium	190.864	20	2.68
Vanadium	292.402	50	5.562
Zinc	213.856	50	9.674

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS - DISSOLVED

Lab Name: Eurofins Canton

Job Number: 240-165830-1

SDG Number: _____

Matrix: Water

Instrument ID: I12

Method: 6010D

XMDL Date: 06/07/2021 10:56

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Beryllium	313.042	5	0.601
Cobalt	228.616	10	0.752
Iron	271.441	200	82.709
Manganese	257.610	15	6.16
Nickel	231.604	40	2.198
Thallium	190.864	20	2.68
Vanadium	292.402	50	5.562
Zinc	213.856	50	9.674

12-IN
PREPARATION LOG
METALS

Lab Name: Eurofins Canton Job No.: 240-165830-1

SDG No.: _____

Prep Method: 3005A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 240-524921/1-A	05/03/2022 12:00	524921		50	50
LCS 240-524921/2-A	05/03/2022 12:00	524921		50	50
240-165830-2	05/03/2022 12:00	524921		50	50
240-165830-2	05/03/2022 12:00	524921		50	50
240-165830-3	05/03/2022 12:00	524921		50	50
240-165830-3	05/03/2022 12:00	524921		50	50
240-165830-4	05/03/2022 12:00	524921		50	50
240-165830-4	05/03/2022 12:00	524921		50	50
240-165830-5	05/03/2022 12:00	524921		50	50
240-165830-5	05/03/2022 12:00	524921		50	50
240-165830-6	05/03/2022 12:00	524921		50	50

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Canton Job No.: 240-165830-1

SDG No.: _____

Instrument ID: I12 Analysis Method: 6010D

Start Date: 05/04/2022 14:59 End Date: 05/05/2022 05:34

Lab Sample Id	D/F	Type	Time	Analytes																											
				B	C	F	M	N	T	V	Z																				
ICIS 240-525195/1	1		14:59	X	X	X	X	X	X	X	X																				
CALSTD 240-525195/2 IC			15:03	X	X	X	X	X	X	X	X																				
CALSTD 240-525195/3 IC			15:07	X	X	X	X	X	X	X	X																				
ICV 240-525195/4	1		15:11	X	X	X	X	X	X	X	X																				
ICB 240-525195/5	1		15:15	X	X	X	X	X	X	X	X																				
ICVL 240-525195/6	1		15:20	X	X	X	X	X	X	X	X																				
ZZZZZZ			15:24																												
ICSA 240-525195/8	1		15:28	X	X	X	X	X	X	X	X																				
ICSAB 240-525195/9	1		15:33	X	X	X	X	X	X	X	X																				
CCV 240-525195/10			15:37																												
CCB 240-525195/11			15:41																												
ZZZZZZ			15:45																												
ZZZZZZ			15:49																												
ZZZZZZ			15:54																												
ZZZZZZ			15:58																												
ZZZZZZ			16:02																												
ZZZZZZ			16:07																												
ZZZZZZ			16:11																												
CCV 240-525195/19			16:15																												
CCB 240-525195/20			16:19																												
ZZZZZZ			16:27																												
ZZZZZZ			16:31																												
ZZZZZZ			16:35																												
ZZZZZZ			16:40																												
ZZZZZZ			16:44																												
ZZZZZZ			16:48																												
ZZZZZZ			16:53																												
ZZZZZZ			16:57																												
ZZZZZZ			17:01																												
ZZZZZZ			17:05																												
CCV 240-525195/31			17:10																												
CCB 240-525195/32			17:14																												
CCVL 240-525195/33			17:18																												
ZZZZZZ			17:22																												
ZZZZZZ			17:26																												
ZZZZZZ			17:30																												
ZZZZZZ			17:35																												
ZZZZZZ			17:39																												
ZZZZZZ			17:43																												
ZZZZZZ			17:47																												
ZZZZZZ			17:51																												
ZZZZZZ			17:56																												

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Canton Job No.: 240-165830-1

SDG No.: _____

Instrument ID: I12 Analysis Method: 6010D

Start Date: 05/04/2022 14:59 End Date: 05/05/2022 05:34

Lab Sample Id	D/F	Type	Time	Analytes																											
				B	C	F	M	N	T	V	Z																				
CCV 240-525195/43			18:00																												
CCB 240-525195/44			18:04																												
ZZZZZZ			18:08																												
ZZZZZZ			18:12																												
ZZZZZZ			18:17																												
ZZZZZZ			18:21																												
ZZZZZZ			18:25																												
ZZZZZZ			18:29																												
ZZZZZZ			18:34																												
ZZZZZZ			18:38																												
ZZZZZZ			18:42																												
ZZZZZZ			18:46																												
CCV 240-525195/55			18:51																												
CCB 240-525195/56			18:55																												
ZZZZZZ			18:59																												
ZZZZZZ			19:03																												
ZZZZZZ			19:07																												
ZZZZZZ			19:12																												
ZZZZZZ			19:16																												
ZZZZZZ			19:20																												
ZZZZZZ			19:24																												
ZZZZZZ			19:29																												
ZZZZZZ			19:33																												
ZZZZZZ			19:37																												
CCV 240-525195/67			19:41																												
CCB 240-525195/68			19:45																												
ZZZZZZ			19:50																												
ZZZZZZ			19:54																												
ZZZZZZ			19:58																												
ZZZZZZ			20:03																												
ZZZZZZ			20:07																												
ZZZZZZ			20:12																												
ZZZZZZ			20:16																												
ZZZZZZ			20:21																												
ZZZZZZ			20:25																												
ZZZZZZ			20:30																												
CCV 240-525195/79			20:34																												
CCB 240-525195/80			20:38																												
ZZZZZZ			20:42																												
ZZZZZZ			20:47																												
ZZZZZZ			20:51																												
ZZZZZZ			20:55																												

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Canton Job No.: 240-165830-1

SDG No.: _____

Instrument ID: I12 Analysis Method: 6010D

Start Date: 05/04/2022 14:59 End Date: 05/05/2022 05:34

Lab Sample Id	D/F	Type	Time	Analytes																											
				B	C	F	M	N	T	V	Z																				
ZZZZZZ			20:59																												
ZZZZZZ			21:04																												
ZZZZZZ			21:08																												
ZZZZZZ			21:12																												
ZZZZZZ			21:17																												
ZZZZZZ			21:21																												
CCV 240-525195/91	1		21:25	X	X	X	X	X	X	X	X	X																			
CCB 240-525195/92	1		21:29	X	X	X	X	X	X	X	X	X																			
ZZZZZZ			21:33																												
ZZZZZZ			21:38																												
ZZZZZZ			21:42																												
MB 240-524921/1-A	1	R	21:46	X	X	X	X	X	X	X	X	X																			
LCS 240-524921/2-A	1	R	21:51	X	X	X	X	X	X	X	X	X																			
ZZZZZZ			21:55																												
ZZZZZZ			21:59																												
ZZZZZZ			22:03																												
ZZZZZZ			22:07																												
ZZZZZZ			22:12																												
CCV 240-525195/103	1		22:16	X	X	X	X	X	X	X	X	X																			
CCB 240-525195/104	1		22:20	X	X	X	X	X	X	X	X	X																			
ZZZZZZ			22:24																												
ZZZZZZ			22:28																												
ZZZZZZ			22:32																												
ZZZZZZ			22:37																												
ZZZZZZ			22:41																												
ZZZZZZ			22:45																												
ZZZZZZ			22:49																												
ZZZZZZ			22:54																												
240-165830-2	1	R	22:58	X	X	X	X	X	X	X	X	X																			
240-165830-2	1	D	23:02	X	X	X	X	X	X	X	X	X																			
CCV 240-525195/115	1		23:06	X	X	X	X	X	X	X	X	X																			
CCB 240-525195/116	1		23:10	X	X	X	X	X	X	X	X	X																			
240-165830-3	1	R	23:15	X	X	X	X	X	X	X	X	X																			
240-165830-3	1	D	23:19	X	X	X	X	X	X	X	X	X																			
240-165830-4	1	R	23:24	X	X	X	X	X	X	X	X	X																			
240-165830-4	1	D	23:28	X	X	X	X	X	X	X	X	X																			
240-165830-5	1	R	23:32	X	X	X	X	X	X	X	X	X																			
240-165830-5	1	D	23:37	X	X	X	X	X	X	X	X	X																			
240-165830-6	1	R	23:41	X	X	X	X	X	X	X	X	X																			
ZZZZZZ			23:45																												
ZZZZZZ			23:50																												
ZZZZZZ			23:54																												

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Canton Job No.: 240-165830-1

SDG No.: _____

Instrument ID: I12 Analysis Method: 6010D

Start Date: 05/04/2022 14:59 End Date: 05/05/2022 05:34

Lab Sample Id	D/F	Type	Time	Analytes																											
				B	C	F	M	N	T	V	Z																				
CCV 240-525195/127	1		23:58	X	X	X	X	X	X	X	X	X																			
CCB 240-525195/128	1		00:02	X	X	X	X	X	X	X	X	X																			
ZZZZZZ			00:06																												
ZZZZZZ			00:11																												
ZZZZZZ			00:15																												
ZZZZZZ			00:19																												
ZZZZZZ			00:23																												
ZZZZZZ			00:28																												
ZZZZZZ			00:32																												
ZZZZZZ			00:36																												
ZZZZZZ			00:41																												
ZZZZZZ			00:45																												
CCV 240-525195/139			00:49																												
CCB 240-525195/140			00:53																												
ZZZZZZ			00:58																												
ZZZZZZ			01:02																												
ZZZZZZ			01:06																												
ZZZZZZ			01:10																												
ZZZZZZ			01:14																												
ZZZZZZ			01:19																												
ZZZZZZ			01:23																												
ZZZZZZ			01:27																												
ZZZZZZ			01:31																												
ZZZZZZ			01:35																												
CCV 240-525195/151			01:39																												
CCB 240-525195/152			01:43																												
ZZZZZZ			01:47																												
ZZZZZZ			01:52																												
ZZZZZZ			01:56																												
ZZZZZZ			02:00																												
ZZZZZZ			02:05																												
ZZZZZZ			02:09																												
ZZZZZZ			02:13																												
ZZZZZZ			02:17																												
ZZZZZZ			02:22																												
ZZZZZZ			02:26																												
CCV 240-525195/163			02:31																												
CCB 240-525195/164			02:35																												
ZZZZZZ			02:39																												
ZZZZZZ			02:43																												
ZZZZZZ			02:48																												
ZZZZZZ			02:52																												

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Canton Job No.: 240-165830-1

SDG No.: _____

Instrument ID: I12 Analysis Method: 6010D

Start Date: 05/04/2022 14:59 End Date: 05/05/2022 05:34

Lab Sample Id	D/F	Type	Time	Analytes																											
				B	C	F	M	N	T	V	Z																				
ZZZZZZ			02:57																												
ZZZZZZ			03:01																												
ZZZZZZ			03:05																												
ZZZZZZ			03:09																												
ZZZZZZ			03:14																												
ZZZZZZ			03:18																												
CCV 240-525195/175			03:22																												
CCB 240-525195/176			03:26																												
ZZZZZZ			03:30																												
ZZZZZZ			03:34																												
ZZZZZZ			03:39																												
ZZZZZZ			03:43																												
ZZZZZZ			03:47																												
ZZZZZZ			03:51																												
ZZZZZZ			03:55																												
ZZZZZZ			04:00																												
ZZZZZZ			04:04																												
ZZZZZZ			04:09																												
CCV 240-525195/187			04:13																												
CCB 240-525195/188			04:17																												
ZZZZZZ			04:22																												
ZZZZZZ			04:26																												
ZZZZZZ			04:31																												
ZZZZZZ			04:35																												
ZZZZZZ			04:39																												
ZZZZZZ			04:43																												
ZZZZZZ			04:48																												
ZZZZZZ			04:52																												
ZZZZZZ			04:56																												
ZZZZZZ			05:00																												
CCV 240-525195/199			05:04																												
CCB 240-525195/200			05:08																												
ZZZZZZ			05:13																												
ZZZZZZ			05:17																												
ZZZZZZ			05:22																												
ZZZZZZ			05:26																												
CCV 240-525195/205			05:30																												
CCB 240-525195/206			05:34																												

Prep Types:

 D = Dissolved
 R = Total Recoverable

15-IN
ICP INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

Lab Name: Eurofins Canton Job No.: 240-165830-1
 SDG No.: _____ Analysis Batch No.: 525195
 ICP Instrument ID: I12 Start Date: 05/04/2022 End Date: 05/05/2022

Lab Sample ID	Time	Internal Standards %RI For:									
		Element In 230.606	Q	Element Y 224.306	Q	Element Y 360.073	Q	Element Y 371.030	Q	Element	Q
ICIS 240-525195/1	14:59										
ICV 240-525195/4	15:11	90		98		97		101			
ICB 240-525195/5	15:15	100		100		99		102			
ICVL 240-525195/6	15:20	97		100		99		102			
ICSA 240-525195/8	15:28	77		90		87		99			
ICSAB 240-525195/9	15:33	77		91		90		100			
CCV 240-525195/91	21:25	93		102		101		103			
CCB 240-525195/92	21:29	104		105		105		103			
MB 240-524921/1-A	21:46	106		108		107		107			
LCS 240-524921/2-A	21:51	93		103		102		107			
CCV 240-525195/103	22:16	93		102		102		103			
CCB 240-525195/104	22:20	106		106		106		106			
240-165830-2	22:58	90		102		98		107			
240-165830-2	23:02	91		103		99		106			
CCV 240-525195/115	23:06	95		105		104		107			
CCB 240-525195/116	23:10	106		106		106		106			
240-165830-3	23:15	85		100		95		106			
240-165830-3	23:19	85		99		96		106			
240-165830-4	23:24	102		109		108		110			
240-165830-4	23:28	102		109		108		109			
240-165830-5	23:32	86		100		95		106			
240-165830-5	23:37	84		98		95		106			
240-165830-6	23:41	106		107		106		104			
CCV 240-525195/127	23:58	92		102		100		100			
CCB 240-525195/128	00:02	104		104		104		100			

15A-IN
ICP INTERNAL STANDARDS RELATIONS
METALS

Lab Name: Eurofins Canton Job No.: 240-165830-1
 SDG No.: _____ Analysis Batch No.: 525195
 ICP Instrument ID: I12 Start Date: 05/04/2022 End Date: 05/05/2022

Analyte	Wavelength	Internal Standard Used:				
		Element In 230.606	Element Y 224.306	Element Y 360.073	Element Y 371.030	Element
Beryllium	313.042				X	
Cobalt	228.616	X				
Iron	259.940				X	
Manganese	257.610			X		
Nickel	231.604	X				
Thallium	190.856	X				
Vanadium	290.882				X	
Zinc	206.200	X				
<i>Aluminum</i>	308.215				X	
<i>Antimony</i>	217.581		X			
<i>Arsenic</i>	189.042		X			
<i>Barium</i>	455.403				X	
<i>Boron</i>	182.641		X			
<i>Cadmium</i>	228.802		X			
<i>Calcium</i>	317.933				X	
<i>Chromium</i>	267.716			X		
<i>Copper</i>	327.396			X		
<i>Lead</i>	220.353		X			
<i>Lithium</i>	670.784				X	
<i>Magnesium</i>	279.079				X	
<i>Molybdenum</i>	202.030		X			
<i>Potassium</i>	766.490				X	
<i>Selenium</i>	196.090		X			
<i>Silicon</i>	251.611				X	
<i>Silver</i>	328.068			X		
<i>Sodium</i>	589.592				X	
<i>Strontium</i>	346.446				X	
<i>Tin</i>	189.989	X				
<i>Titanium</i>	337.280			X		
Internal Standard Name on Instrument		In2306	Y_2243	Y_3600	Y_3710	

METALS BATCH WORKSHEET

Lab Name: Eurofins Canton Job No.: 240-165830-1

SDG No.: _____

Batch Number: 524921 Batch Start Date: 05/03/22 12:00 Batch Analyst: Banks, Samuel H

Batch Method: 3005A Batch End Date: 05/03/22 20:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ICPspike3 00028	MTTMHCL 00351	MTTMHNO3 00277	SPIKE1 00014
MB 240-524921/1		3005A, 6010D		50 mL	50 mL		2.5 mL	1 mL	
LCS 240-524921/2		3005A, 6010D		50 mL	50 mL	0.5 mL	2.5 mL	1 mL	0.5 mL
240-165830-A-2	GSP-MW-39-042922	3005A, 6010D	R	50 mL	50 mL		2.5 mL	1 mL	
240-165830-B-2	GSP-MW-39-042922	3005A, 6010D	D	50 mL	50 mL		2.5 mL	1 mL	
240-165830-A-3	GSP-MW-37-040922	3005A, 6010D	R	50 mL	50 mL		2.5 mL	1 mL	
240-165830-B-3	GSP-MW-37-040922	3005A, 6010D	D	50 mL	50 mL		2.5 mL	1 mL	
240-165830-A-4	GSP-MW-34-040922	3005A, 6010D	R	50 mL	50 mL		2.5 mL	1 mL	
240-165830-B-4	GSP-MW-34-040922	3005A, 6010D	D	50 mL	50 mL		2.5 mL	1 mL	
240-165830-A-5	GSP-DUP02-042922	3005A, 6010D	R	50 mL	50 mL		2.5 mL	1 mL	
240-165830-B-5	GSP-DUP02-042922	3005A, 6010D	D	50 mL	50 mL		2.5 mL	1 mL	
240-165830-G-6	GSP-EB-WC-042922	3005A, 6010D	R	50 mL	50 mL		2.5 mL	1 mL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	SPIKE2 00011					
MB 240-524921/1		3005A, 6010D							
LCS 240-524921/2		3005A, 6010D		0.5 mL					
240-165830-A-2	GSP-MW-39-042922	3005A, 6010D	R						
240-165830-B-2	GSP-MW-39-042922	3005A, 6010D	D						
240-165830-A-3	GSP-MW-37-040922	3005A, 6010D	R						
240-165830-B-3	GSP-MW-37-040922	3005A, 6010D	D						
240-165830-A-4	GSP-MW-34-040922	3005A, 6010D	R						
240-165830-B-4	GSP-MW-34-040922	3005A, 6010D	D						
240-165830-A-5	GSP-DUP02-042922	3005A, 6010D	R						
240-165830-B-5	GSP-DUP02-042922	3005A, 6010D	D						
240-165830-G-6	GSP-EB-WC-042922	3005A, 6010D	R						

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: Eurofins Canton Job No.: 240-165830-1

SDG No.: _____

Batch Number: 524921 Batch Start Date: 05/03/22 12:00 Batch Analyst: Banks, Samuel H

Batch Method: 3005A Batch End Date: 05/03/22 20:00

Batch Notes	
Digestion Tube/Cup ID	2106023
Pipette/Syringe/Dispenser ID	mp3
Digestion Unit ID	hb3
Thermometer ID	temp log
Thermometer Location ID	temp log
Temperature - Uncorrected - Start	92 Degrees C
Temperature - Corrected - Start	93 Degrees C
Temperature - Uncorrected - End	Timer Degrees C
Temperature - Corrected - End	Timer Degrees C
Filter ID	10318102

Basis	Basis Description
R	Total Recoverable
D	Dissolved

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

3-IN
METHOD BLANK
GENERAL CHEMISTRY

Lab Name: Eurofins Canton

Job No.: 240-165830-1

SDG No.:

Method	Lab Sample ID	Analyte	Result	Qual	Units	RL	Dil
Batch ID: 525300 Date: 05/05/2022 09:28							
2320B-1997	MB 240-525300/4	Alkalinity	2.6	U	mg/L	5.0	1

7A-IN
 LAB CONTROL SAMPLE
 GENERAL CHEMISTRY

Lab Name: Eurofins Canton Job No.: 240-165830-1
 SDG No.: _____
 Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 525300			Date: 05/05/2022 09:24			LCS Source: WCPHENOMINER_00035					
2320B-1 997	LCS 240-525300/3	Alkalinity	117		mg/L	121	96	86-123			

Calculations are performed before rounding to avoid round-off errors in calculated results.

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: Eurofins Canton Job Number: 240-165830-1
SDG Number: _____
Matrix: Water Instrument ID: Severus
Method: 2320B-1997 MDL Date: 08/21/2018 15:58

Analyte	Wavelength/ Mass	RL (mg/L)	MDL (mg/L)
Alkalinity		5	2.6

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: Eurofins Canton Job Number: 240-165830-1
SDG Number: _____
Matrix: Water Instrument ID: Severus
Method: 2320B-1997 XMDL Date: 04/25/2017 09:53

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Alkalinity		5	2.6

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins Canton Job No.: 240-165830-1

SDG No.: _____

Batch Number: 525300 Batch Start Date: 05/05/22 09:11 Batch Analyst: Jackson, Allison

Batch Method: 2320B-1997 Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	CalcMsg	WCPHENOMINER 00035			
LCS 240-525300/3		2320B-1997		10 mL	BuretStart2 is blank	10 mL			
MB 240-525300/4		2320B-1997		10 mL	BuretStart2 is blank				
240-165830-F-6	GSP-EB-WC-042922	2320B-1997	T	10 mL	BuretStart2 is blank				

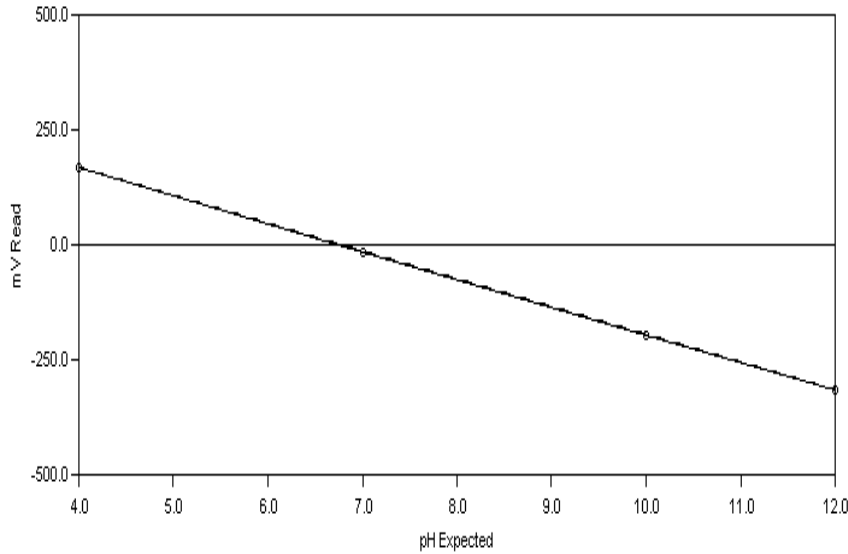
Batch Notes	
Nominal Amount Used	10 mL
Acid ID	severus
Normality of First Titrant	0.02 N
pH Buffer 1 ID	4-5517027
pH Buffer 2 ID	7-5516103
pH Buffer 3 ID	10-5517164
pH Buffer 4 ID	12-5430392
Probe ID	wcp 156

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Calibration Report

Calibration Record # 632



Calibration Settings

Calibration ID	PH	Date	05/05/2022
Channel	1	Time	9:17 AM
Probe Type	pH	Temperature	301.77 K 28.62 C
Probe ID	PH ELECTRODE	Analysis Type	Single Line Fit

Calibration Results

Slope	-60.285	CorrCoeff	1.0000
Intercept	-14.792	Equation:	Y = (-60.285) X + (-14.792)

Calibration Validity True

Operator

	Result	Minimum	Maximum
Slope	-60.285	-65.00	-54.00
Intercept	-14.792	-100.00	100.00
Correlation Coefficient	1.0000	0.99	1.00

Note: "True" means the calibration was within the specified ranges
 "False" means the calibration was NOT within the specified ranges

Calibration Data	Standard	Reading
	4.00	166.62
	7.00	-14.89
	10.00	-197.63
	12.00	-314.69

Severus

Eurofins Test America Canton Alkalinity 2320B

<u>Run Number</u>	1104	<u>Order Number</u>	20220505-7							
<u>SampleID</u>	<u>Schedule Name</u>	<u>RunDate</u>	<u>RunTime</u>	<u>Temp</u>	<u>pH</u>	<u>palk-ppm</u>	<u>talk-ppm</u>	<u>bcarb-ppm</u>	<u>carb-ppm</u>	<u>hydr-ppm</u>
Tap Water	PH-ALK	05/05/2022	9:11 AM	30.36	7.80	.00	99.88	99.88	.00	.00
pH 7	PH	05/05/2022	9:19 AM	29.11	7.01	-1.00	-1.00	-1.00	-1.00	-1.00
LCS	PH-ALK	05/05/2022	9:24 AM	29.13	8.24	.00	116.64	116.64	.00	.00
MB	PH-ALK	05/05/2022	9:28 AM	29.56	6.03	.00	.85	.85	.00	.00
240-165928-E-1	PH-ALK	05/05/2022	9:33 AM	29.88	7.70	.00	392.87	392.87	.00	.00
du	PH-ALK	05/05/2022	9:38 AM	30.07	7.71	.00	390.40	390.40	.00	.00
240-165928-E-2	PH-ALK	05/05/2022	9:42 AM	29.99	7.56	.00	402.35	402.35	.00	.00
240-165928-E-3	PH-ALK	05/05/2022	9:47 AM	29.94	7.54	.00	380.91	380.91	.00	.00
240-165928-E-4	PH-ALK	05/05/2022	9:51 AM	29.86	7.33	.00	313.24	313.24	.00	.00
240-165896-M-7	PH-ALK	05/05/2022	9:57 AM	29.77	7.58	.00	644.43	644.43	.00	.00
240-165896-N-8	PH-ALK	05/05/2022	10:02 AM	29.94	7.39	.00	657.51	657.51	.00	.00
240-165896-N-9	PH-ALK	05/05/2022	10:07 AM	30.21	7.53	.00	545.59	545.59	.00	.00
pH 7-2	PH	05/05/2022	10:09 AM	29.96	7.02	-1.00	-1.00	-1.00	-1.00	-1.00
240-165830-F-6	PH-ALK	05/05/2022	10:13 AM	29.84	6.46	.00	1.32	1.32	.00	.00
240-165908-D-1	PH-ALK	05/05/2022	10:18 AM	30.18	6.99	.00	563.33	563.33	.00	.00
240-165718-A-2	PH-ALK	05/05/2022	10:22 AM	30.85	7.57	.00	102.67	102.67	.00	.00
240-165788-N-6	PH-ALK	05/05/2022	10:27 AM	30.60	7.90	.00	221.18	221.18	.00	.00
du	PH-ALK	05/05/2022	10:32 AM	30.87	7.91	.00	223.34	223.34	.00	.00
240-165788-N-2	PH-ALK	05/05/2022	10:37 AM	30.74	7.83	.00	416.21	416.21	.00	.00
240-165738-M-4	PH-ALK	05/05/2022	10:42 AM	30.76	8.03	.00	263.01	263.01	.00	.00
240-165738-N-3	PH-ALK	05/05/2022	10:46 AM	30.65	7.93	.00	321.44	321.44	.00	.00
240-165738-L-2	PH-ALK	05/05/2022	10:52 AM	30.78	7.74	.00	540.12	540.12	.00	.00
240-165644-L-2	PH-ALK	05/05/2022	10:56 AM	30.74	7.84	.00	331.32	331.32	.00	.00
pH 7-3	PH	05/05/2022	10:58 AM	30.69	7.02	-1.00	-1.00	-1.00	-1.00	-1.00

Appendices are available upon request.

**APPENDIX E—FULL LABORATORY ANALYTICAL
REPORTS**

APPENDIX F—ANALYTICAL DATA TABLE—APRIL 2022

Analytical Data Table- April 2022
 Lockheed Martin
 Martin State Airport

LOCATION	GSP-MW-04	GSP-MW-04	GSP-MW-04	GSP-MW-05	GSP-MW-06	GSP-MW-07	GSP-MW-13	GSP-MW-20	GSP-MW-231	GSP-MW-27	GSP-MW-28	GSP-MW-29
SAMPLE ID	GSP-MW-04-042622	GSP-MW-04-042622-AVG	GSP-MW-04-042622-D	GSP-MW-05-042622	GSP-MW-06-042622	GSP-MW-07-042722	GSP-MW-13-042722	GSP-MW-20-042622	GSP-MW-231-042722	GSP-MW-27-042522	GSP-MW-28-042822	GSP-MW-29-042522
SAMPLE DATE	20220426	20220426	20220426	20220426	20220426	20220427	20220427	20220426	20220427	20220425	20220428	20220425
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW
Volatlie organic compounds (µg/L)												
1,1,1,2-TETRACHLOROETHANE	0.43 U	0.43 U	0.43 U	--	--	0.43 U	0.43 U	--	0.43 U	--	0.43 U	--
1,1,1-TRICHLOROETHANE	0.48 U	0.48 U	0.48 U	--	--	0.48 U	0.48 U	--	0.48 U	--	0.48 U	--
1,1,2,2-TETRACHLOROETHANE	0.6 U	0.6 U	0.6 U	--	--	0.6 U	0.6 U	--	0.6 U	--	0.6 U	--
1,1,2-TRICHLOROETHANE	0.41 U	0.41 U	0.41 U	--	--	0.41 U	0.41 U	--	0.41 U	--	0.41 U	--
1,1-DICHLOROETHANE	0.47 U	0.47 U	0.47 U	--	--	0.47 U	0.47 U	--	0.47 U	--	0.47 U	--
1,1-DICHLOROETHENE	0.49 U	0.49 U	0.49 U	--	--	0.49 U	0.49 U	--	0.49 U	--	0.49 U	--
1,1-DICHLOROPROPENE	0.36 U	0.36 U	0.36 U	--	--	0.36 U	0.36 U	--	0.36 U	--	0.36 U	--
1,2,3-TRICHLOROBENZENE	0.54 U	0.54 U	0.54 U	--	--	0.54 U	0.54 U	--	0.54 U	--	0.54 U	--
1,2,3-TRICHLOROPROPANE	0.52 U	0.52 U	0.52 U	--	--	0.52 U	0.52 U	--	0.52 U	--	0.52 U	--
1,2,3-TRIMETHYLBENZENE	0.31 U	0.31 U	0.31 U	--	--	0.31 U	0.31 U	--	0.31 U	--	0.31 U	--
1,2,4-TRICHLOROBENZENE	0.77 U	0.77 U	0.77 U	--	--	0.77 U	0.77 U	--	0.77 U	--	0.77 U	--
1,2,4-TRIMETHYLBENZENE	0.52 U	0.52 U	0.52 U	--	--	0.52 U	0.52 U	--	0.52 U	--	0.52 U	--
1,2-DIBROMO-3-CHLOROPROPANE	0.91 U	0.91 U	0.91 U	--	--	0.91 U	0.91 U	--	0.91 U	--	0.91 U	--
1,2-DIBROMOETHANE	0.41 U	0.41 U	0.41 U	--	--	0.41 U	0.41 U	--	0.41 U	--	0.41 U	--
1,2-DIBROMOETHENE	--	--	--	--	--	--	--	--	6 NJ	--	--	--
1,2-DICHLOROBENZENE	0.48 U	0.48 U	0.48 U	--	--	0.48 U	0.48 U	--	0.48 U	--	0.48 U	--
1,2-DICHLOROETHANE	0.21 U	0.21 U	0.21 U	--	--	0.21 U	0.21 U	--	0.21 U	--	0.21 U	--
1,2-DICHLOROPROPANE	0.47 U	0.47 U	0.47 U	--	--	0.47 U	0.47 U	--	0.47 U	--	0.47 U	--
1,3-DICHLOROBENZENE	0.45 U	0.45 U	0.45 U	--	--	0.45 U	0.45 U	--	0.45 U	--	0.45 U	--
1,3-DICHLOROPROPANE	0.21 U	0.21 U	0.21 U	--	--	0.21 U	0.21 U	--	0.21 U	--	0.21 U	--
1,4-DICHLOROBENZENE	0.41 U	0.41 U	0.41 U	--	--	0.41 U	0.41 U	--	0.41 U	--	0.41 U	--
2,2-DICHLOROPROPANE	0.78 U	0.78 U	0.78 U	--	--	0.78 U	0.78 U	--	0.78 U	--	0.78 U	--
2-BUTANONE	1.2 U	1.2 U	1.2 U	--	--	1.2 U	1.2 U	--	1.2 U	--	1.2 U	--
2-CHLOROETHYL VINYL ETHER	1.5 UR	1.5 R	1.5 UR	--	--	1.5 UR	1.5 UR	--	1.5 UR	--	1.5 UR	--
2-CHLOROTOLUENE	0.57 U	0.57 U	0.57 U	--	--	0.57 U	0.57 U	--	0.57 U	--	0.57 U	--
2-HEXANONE	1.1 U	1.1 U	1.1 U	--	--	1.1 U	1.1 U	--	1.1 U	--	1.1 U	--
4-CHLOROTOLUENE	0.43 U	0.43 U	0.43 U	--	--	0.43 U	0.43 U	--	0.43 U	--	0.43 U	--
4-ISOPROPYLTOLUENE	0.56 U	0.56 U	0.56 U	--	--	0.56 U	0.56 U	--	0.56 U	--	0.56 U	--
4-METHYL-2-PENTANONE	0.99 U	0.99 U	0.99 U	--	--	0.99 U	0.99 U	--	0.99 U	--	0.99 U	--
ACETONE	5.4 U	5.4 U	5.4 U	--	--	5.4 U	5.4 U	--	5.4 U	--	5.4 U	--
BENZENE	0.42 U	0.42 U	0.42 U	--	--	0.42 U	0.42 U	--	0.82 J	--	0.42 U	--
BROMOBENZENE	0.5 U	0.5 U	0.5 U	--	--	0.5 U	0.5 U	--	0.5 U	--	0.5 U	--
BROMOCHLOROMETHANE	0.54 U	0.54 U	0.54 U	--	--	0.54 U	0.54 U	--	0.54 U	--	0.54 U	--
BROMODICHLOROMETHANE	0.17 U	0.17 U	0.17 U	--	--	0.17 U	0.17 U	--	0.17 U	--	0.17 U	--
BROMOETHENE	--	--	--	--	--	--	--	--	4.4 NJ	--	--	--
BROMOFORM	0.76 U	0.76 U	0.76 U	--	--	0.76 U	0.76 U	--	0.76 U	--	0.76 U	--
BROMOMETHANE	0.42 UJ	0.42 UJ	0.42 UJ	--	--	0.42 UJ	0.42 UJ	--	0.42 UJ	--	0.42 UJ	--
CARBON DISULFIDE	0.59 U	0.59 U	0.59 U	--	--	0.59 U	0.59 U	--	0.59 U	--	0.59 U	--
CARBON TETRACHLORIDE	0.26 U	0.26 U	0.26 U	--	--	0.26 U	0.26 U	--	0.26 U	--	0.26 U	--
CHLOROBENZENE	0.38 U	0.38 U	0.38 U	--	--	0.38 U	0.38 U	--	0.43 J	--	0.38 U	--
CHLORODIBROMOMETHANE	0.39 U	0.39 U	0.39 U	--	--	0.39 U	0.39 U	--	0.39 U	--	0.39 U	--
CHLORODICHLOROMETHANE	1 UJ	1 UJ	1 UJ	--	--	1 UJ	1 UJ	--	1 UJ	--	1 UJ	--
CHLOROETHANE	0.83 U	0.83 U	0.83 U	--	--	0.83 U	0.83 U	--	0.83 U	--	0.83 U	--
CHLOROFORM	0.47 U	0.47 U	0.47 U	--	--	0.47 U	0.47 U	--	0.47 U	--	0.47 U	--
CHLOROMETHANE	0.63 UJ	0.63 UJ	0.63 UJ	--	--	0.63 UJ	0.63 UJ	--	0.63 UJ	--	0.63 UJ	--
CIS-1,2-DICHLOROETHENE	2.7	2.7	2.7	--	--	2.7	2.7	--	4.2	--	4.4	--
CIS-1,2-DICHLOROPROPENE	0.61 U	0.61 U	0.61 U	--	--	0.61 U	0.61 U	--	0.61 U	--	0.61 U	--
DIBROMOMETHANE	0.4 U	0.4 U	0.4 U	--	--	0.4 U	0.4 U	--	0.4 U	--	0.4 U	--
DICHLORODIFLUOROMETHANE	0.35 U	0.35 U	0.35 U	--	--	0.35 U	0.35 U	--	0.35 U	--	0.35 U	--
DIISOPROPYL ETHER	0.17 U	0.17 U	0.17 U	--	--	0.17 U	0.17 U	--	0.17 U	--	0.17 U	--
ETHYL TERT-BUTYL ETHER	0.4 U	0.4 U	0.4 U	--	--	0.4 UJ	0.4 UJ	--	0.4 UJ	--	0.4 U	--
ETHYLBENZENE	0.42 U	0.42 U	0.42 U	--	--	0.42 U	0.42 U	--	0.42 U	--	0.42 U	--
HEXACHLOROBUTADIENE	0.83 U	0.83 U	0.83 U	--	--	0.83 U	0.83 U	--	0.83 U	--	0.83 UJ	--
ISOPROPYLBENZENE	0.49 U	0.49 U	0.49 U	--	--	0.49 U	0.49 U	--	0.49 U	--	0.49 U	--
M-P-XYLENES	0.42 U	0.42 U	0.42 U	--	--	0.42 U	0.42 U	--	0.42 U	--	0.42 U	--
METHYL TERT-BUTYL ETHER	0.47 U	0.47 U	0.47 U	--	--	0.47 U	0.47 U	--	0.47 U	--	0.47 U	--
METHYLENE CHLORIDE	2.6 U	2.6 U	2.6 U	--	--	2.6 U	2.6 U	--	2.6 U	--	2.6 U	--
NAPHTHALENE	0.8 U	0.8 U	0.8 U	--	--	0.8 U	0.8 U	--	0.8 U	--	0.8 U	--
N-BUTYLBENZENE	0.6 U	0.6 U	0.6 U	--	--	0.6 U	0.6 U	--	0.6 U	--	0.6 U	--
N-PROPYLBENZENE	0.57 U	0.57 U	0.57 U	--	--	0.57 U	0.57 U	--	0.57 U	--	0.57 U	--
O-XYLENE	0.42 U	0.42 U	0.42 U	--	--	0.42 U	0.42 U	--	0.42 U	--	0.42 U	--
SEC-BUTYLBENZENE	0.53 U	0.53 U	0.53 U	--	--	0.53 U	0.53 U	--	0.53 U	--	0.53 U	--
STYRENE	0.45 U	0.45 U	0.45 U	--	--	0.45 U	0.45 U	--	0.45 U	--	0.45 U	--
TERT-AMYL METHYL ETHER	0.43 U	0.43 U	0.43 U	--	--	0.43 U	0.43 U	--	0.43 U	--	0.43 U	--
TERT-BUTYLBENZENE	0.48 U	0.48 U	0.48 U	--	--	0.48 U	0.48 U	--	0.48 U	--	0.48 U	--
TERTIARY-BUTYL ALCOHOL	7.2 U	7.2 U	7.2 U	--	--	7.2 U	7.2 U	--	7.2 U	--	7.2 U	--
TETRACHLOROETHENE	0.44 U	0.44 U	0.44 U	--	--	0.44 U	0.44 U	--	0.44 U	--	0.44 U	--
TOLUENE	0.44 U	0.44 U	0.44 U	--	--	0.44 U	0.44 U	--	0.44 U	--	0.44 U	--
TOTAL XYLENES	0.42 U	0.42 U	0.42 U	--	--	0.42 U	0.42 U	--	0.42 U	--	0.42 U	--
TRANS-1,2-DICHLOROETHENE	0.51 U	0.51 U	0.51 U	--	--	0.51 U	0.51 U	--	0.51 U	--	0.51 U	--
TRANS-1,3-DICHLOROPROPENE	0.67 U	0.67 U	0.67 U	--	--	0.67 U	0.67 U	--	0.67 U	--	0.67 U	--
TRICHLOROETHENE	1.9	1.95	2	--	--	41	0.44 U	--	91	--	25	--
TRICHLOROFUOROMETHANE	0.45 U	0.45 U	0.45 U	--	--	0.45 U	0.45 U	--	0.45 U	--	0.45 U	--
UNKNOWN*	--	--	--	--	--	--	--	--	--	--	37 NJ	--
VINYL ACETATE	0.61 U	0.61 U	0.61 U	--	--	0.61 U	0.61 U	--	0.61 U	--	0.61 UJ	--
VINYL CHLORIDE	0.72 J	0.755	0.79 J	--	--	0.45 U	0.45 U	--	0.45 U	--	0.45 U	--
Volatlie gases (µg/L)												
ETHANE	--	--	--	--	--	--	--	--	--	--	--	--
ETHENE	--	--	--	--	--	--	--	--	--	--	--	--
METHANE	--	--	--	--	--	--	--	--	--	--	--	--
Metals (µg/L)												
BERYLLIUM	--	--	--	--	--	--	--	--	--	--	--	--
COBALT	--	--	--	--	--	--	--	--	--	--	--	--
IRON	--	--	--	--	--	--	--	--	--	--	--	--
MANGANESE	--	--	--	--	--	--	--	--	--	--	--	--
NICKEL	--	--	--	--	--	--	--	--	--	--	--	--
THALLIUM	--	--	--	--	--	--	--	--	--	--	--	--
VANADIUM	--	--	--	--	--	--	--	--	--	--	--	--
ZINC	--	--	--	--	--	--	--	--	--	--	--	--
Metals, filtered (µg/L)												
BERYLLIUM	--	--	--	--	--	--	--	--	--	--	--	--
COBALT	--	--	--	--	--	--	--	--	--	--	--	--
IRON	--	--	--	--	--	--	--	--	--	--	--	--
MANGANESE	--	--	--	--	--	--	--	--	--	--	--	--
NICKEL	--	--	--	--	--	--	--	--	--	--	--	--
THALLIUM	--	--	--	--	--	--	--	--	--	--	--	--
VANADIUM	--	--	--	--	--	--	--	--	--	--	--	--
ZINC	--	--	--	--	--	--	--	--	--	--	--	--
Miscellaneous (mg/L)												
ALKALINITY	--	--	--	230	440	--	--	--	--	--	--	--
Petroleum hydrocarbons (µg/L)												
DIESEL-RANGE ORGANICS	230 U	235 U	240 U	820	230 U	--	--	520 J	--	230 U	--	220 U

Analytical Data Table- April 2022
 Lockheed Martin
 Martin State Airport

LOCATION	GSP-MW-30	GSP-MW-31	GSP-MW-32D	GSP-MW-32S	GSP-MW-33	GSP-MW-34	GSP-MW-37	GSP-MW-37	GSP-MW-37	GSP-MW-39	IDW
SAMPLE ID	GSP-MW-30-042822	GSP-MW-31-042522	GSP-MW-32D-042822	GSP-MW-32S-042822	GSP-MW-33-042722	GSP-MW-34-042922	GSP-MW-37-042922	GSP-MW-37-042922-AVG	GSP-MW-37-042922-D	GSP-MW-39-042922	GSP-EB-WC-042922
SAMPLE DATE	20220428	20220425	20220428	20220428	20220427	20220429	20220429	20220429	20220429	20220429	20220429
MATRIX	GW	GW	GW	GW	GW	GW	GW	GW	GW	GW	WW
Volatile organic compounds (µg/L)											
1,1,1,2-TETRACHLOROETHANE	--	0.43 U	0.43 U	0.43 U	--	--	--	--	--	--	0.43 U
1,1,1-TRICHLOROETHANE	--	0.48 U	0.48 U	0.48 U	--	--	--	--	--	--	0.48 U
1,1,2,2-TETRACHLOROETHANE	--	0.6 U	0.6 U	0.6 U	--	--	--	--	--	--	0.6 U
1,1,2-TRICHLOROETHANE	--	0.41 U	0.41 U	0.41 U	--	--	--	--	--	--	0.41 U
1,1-DICHLOROETHANE	--	0.47 U	0.47 U	0.47 U	--	--	--	--	--	--	0.47 U
1,1-DICHLOROBENZENE	--	0.49 U	0.49 U	0.49 U	--	--	--	--	--	--	0.49 U
1,1-DICHLOROPROPENE	--	0.36 U	0.36 U	0.36 U	--	--	--	--	--	--	0.36 U
1,2,3-TRICHLOROBENZENE	--	0.54 U	0.54 U	0.54 U	--	--	--	--	--	--	0.54 U
1,2,3-TRICHLOROPROPANE	--	0.52 U	0.52 U	0.52 U	--	--	--	--	--	--	0.52 U
1,2,3-TRIMETHYLBENZENE	--	0.31 U	0.31 U	0.31 U	--	--	--	--	--	--	0.31 U
1,2,4-TRICHLOROBENZENE	--	0.77 U	0.77 U	0.77 U	--	--	--	--	--	--	0.77 U
1,2,4-TRIMETHYLBENZENE	--	0.52 U	0.52 U	0.52 U	--	--	--	--	--	--	0.52 U
1,2-DIBROMO-3-CHLOROPROPANE	--	0.91 U	0.91 U	0.91 U	--	--	--	--	--	--	0.91 U
1,2-DIBROMOETHANE	--	0.41 U	0.41 U	0.41 U	--	--	--	--	--	--	0.41 U
1,2-DIBROMOETHENE	--	--	--	16 NJ	--	--	--	--	--	--	--
1,2-DICHLOROBENZENE	--	0.48 U	0.48 U	0.48 U	--	--	--	--	--	--	0.48 U
1,2-DICHLOROETHANE	--	0.21 U	0.21 U	0.21 U	--	--	--	--	--	--	0.21 U
1,2-DICHLOROPROPANE	--	0.47 U	0.47 U	0.47 U	--	--	--	--	--	--	0.47 U
1,3-DICHLOROBENZENE	--	0.45 U	0.45 U	0.45 U	--	--	--	--	--	--	0.45 U
1,3-DICHLOROPROPANE	--	0.21 U	0.21 U	0.21 U	--	--	--	--	--	--	0.21 U
1,4-DICHLOROBENZENE	--	0.41 U	0.41 U	0.41 U	--	--	--	--	--	--	0.41 U
2,2-DICHLOROPROPANE	--	0.78 UJ	0.78 U	0.78 U	--	--	--	--	--	--	0.78 U
2-BUTANONE	--	1.2 U	1.2 U	1.2 U	--	--	--	--	--	--	1.2 U
2-CHLOROETHYL VINYL ETHER	--	1.5 UR	1.5 UR	1.5 UR	--	--	--	--	--	--	1.5 UR
2-CHLOROTOLUENE	--	0.57 U	0.57 U	0.57 U	--	--	--	--	--	--	0.57 U
2-HEXANONE	--	1.1 U	1.1 U	1.1 U	--	--	--	--	--	--	1.1 U
4-CHLOROTOLUENE	--	0.43 U	0.43 U	0.43 U	--	--	--	--	--	--	0.43 U
4-ISOPROPYLTOLUENE	--	0.56 U	0.56 U	0.56 U	--	--	--	--	--	--	0.56 U
4-METHYL-2-PENTANONE	--	0.99 U	0.99 U	0.99 U	--	--	--	--	--	--	0.99 U
ACETONE	--	5.4 U	5.4 U	5.4 U	--	--	--	--	--	--	5.4 U
BENZENE	--	0.42 U	0.42 U	0.66 J	--	--	--	--	--	--	0.42 U
BROMOBENZENE	--	0.5 U	0.5 U	0.5 U	--	--	--	--	--	--	0.5 U
BROMOCHLOROMETHANE	--	0.54 U	0.54 U	0.54 U	--	--	--	--	--	--	0.54 U
BROMODICHLOROMETHANE	--	0.17 U	0.17 U	0.17 U	--	--	--	--	--	--	0.17 U
BROMOETHENE	--	--	--	6.9 NJ	--	--	--	--	--	--	--
BROMOFORM	--	0.76 U	0.76 U	0.76 U	--	--	--	--	--	--	0.76 U
BROMOMETHANE	--	0.42 U	0.42 U	0.42 U	--	--	--	--	--	--	0.42 U
CARBON DISULFIDE	--	0.59 U	0.59 U	0.59 U	--	--	--	--	--	--	0.59 U
CARBON TETRACHLORIDE	--	0.26 U	24	0.87 J	--	--	--	--	--	--	0.26 U
CHLOROBENZENE	--	0.38 U	0.38 U	0.63 J	--	--	--	--	--	--	0.38 U
CHLORODIBROMOMETHANE	--	0.39 U	0.39 U	0.39 U	--	--	--	--	--	--	0.39 U
CHLORODICHLOROMETHANE	--	1 UJ	1 UJ	1 UJ	--	--	--	--	--	--	1 UJ
CHLOROETHANE	--	0.83 U	0.83 U	0.83 U	--	--	--	--	--	--	0.83 U
CHLOROFORM	--	0.47 U	17	1.3	--	--	--	--	--	--	0.47 U
CHLOROMETHANE	--	0.63 U	0.63 U	0.63 U	--	--	--	--	--	--	0.63 U
CIS-1,2-DICHLOROETHENE	--	0.46 U	1.6	4.3	--	--	--	--	--	--	0.46 U
CIS-1,2-DICHLOROPROPENE	--	0.61 U	0.61 U	0.61 U	--	--	--	--	--	--	0.61 U
DIBROMOMETHANE	--	0.4 U	0.4 U	0.4 U	--	--	--	--	--	--	0.4 U
DICHLORODIFLUOROMETHANE	--	0.35 U	0.35 U	0.35 U	--	--	--	--	--	--	0.35 U
DIISOPROPYL ETHER	--	0.17 U	0.17 U	0.17 U	--	--	--	--	--	--	0.17 U
ETHYL TERT-BUTYL ETHER	--	0.4 U	0.4 U	0.4 U	--	--	--	--	--	--	0.4 U
ETHYLBENZENE	--	0.42 U	0.42 U	0.42 U	--	--	--	--	--	--	0.42 U
HEXACHLOROBUTADIENE	--	0.83 UJ	0.83 UJ	0.83 UJ	--	--	--	--	--	--	0.83 UJ
ISOPROPYLBENZENE	--	0.49 U	0.49 U	0.49 U	--	--	--	--	--	--	0.49 U
M-P-XYLENES	--	0.42 U	0.42 U	0.42 U	--	--	--	--	--	--	0.42 U
METHYL TERT-BUTYL ETHER	--	0.47 U	0.47 U	0.47 U	--	--	--	--	--	--	0.47 U
METHYLENE CHLORIDE	--	2.6 U	2.6 U	2.6 U	--	--	--	--	--	--	2.6 U
NAPHTHALENE	--	0.8 U	0.8 U	0.8 U	--	--	--	--	--	--	0.8 U
N-BUTYLBENZENE	--	0.6 U	0.6 U	0.6 U	--	--	--	--	--	--	0.6 U
N-PROPYLBENZENE	--	0.57 U	0.57 U	0.57 U	--	--	--	--	--	--	0.57 U
O-XYLENE	--	0.42 U	0.42 U	0.42 U	--	--	--	--	--	--	0.42 U
SEC-BUTYLBENZENE	--	0.53 U	0.53 U	0.53 U	--	--	--	--	--	--	0.53 U
STYRENE	--	0.45 U	0.45 U	0.45 U	--	--	--	--	--	--	0.45 U
TERT-AMYL METHYL ETHER	--	0.43 UJ	0.43 U	0.43 U	--	--	--	--	--	--	0.43 U
TERT-BUTYLBENZENE	--	0.48 U	0.48 U	0.48 U	--	--	--	--	--	--	0.48 U
TERTIARY-BUTYL ALCOHOL	--	7.2 U	7.2 U	7.2 U	--	--	--	--	--	--	7.2 U
TETRACHLOROETHENE	--	0.44 U	0.44 U	0.44 U	--	--	--	--	--	--	0.44 U
TOLUENE	--	0.44 U	0.44 U	0.44 U	--	--	--	--	--	--	0.44 U
TOTAL XYLENES	--	0.42 U	0.42 U	0.42 U	--	--	--	--	--	--	0.42 U
TRANS-1,2-DICHLOROETHENE	--	0.51 U	0.51 U	0.51 U	--	--	--	--	--	--	0.51 U
TRANS-1,3-DICHLOROPROPENE	--	0.67 U	0.67 U	0.67 U	--	--	--	--	--	--	0.67 U
TRICHLOROETHENE	--	0.44 U	26	790	--	--	--	--	--	--	0.44 U
TRICHLOROFLUOROMETHANE	--	0.45 UJ	0.45 U	0.45 U	--	--	--	--	--	--	0.45 U
UNKNOWN*	--	--	41 NJ	53 NJ	--	--	--	--	--	--	5.1 NJ
VINYL ACETATE	--	0.61 UJ	0.61 UJ	0.61 UJ	--	--	--	--	--	--	0.61 UJ
VINYL CHLORIDE	--	0.45 U	0.45 U	0.45 U	--	--	--	--	--	--	0.45 U
Volatile gases (µg/L)											
ETHANE	--	--	0.29 U	0.29 U	--	--	--	--	--	--	--
ETHENE	--	--	0.27 U	0.27 U	--	--	--	--	--	--	--
METHANE	--	--	0.52 J	110	--	--	--	--	--	--	--
Metals (µg/L)											
BERYLLIUM	--	--	--	--	27	0.77 J	2.1 J	2.25	2.4 J	0.6 U	0.6 U
COBALT	--	--	--	--	1000	37	380	400	1.8 J	0.75 U	0.75 U
IRON	--	--	--	--	54000	22000	110000	110000	110000	8100	83 U
MANGANESE	--	--	--	--	2900	2800	4800	4850	4900	180	6.2 U
NICKEL	--	--	--	--	1400	34 J	380	410	440	3 J	2.2 U
THALLIUM	--	--	--	--	6.4 U	2.8 U	6.3 U	9.45 U	6.6 U	2.7 U	2.7 U
VANADIUM	--	--	--	--	17 J	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U
ZINC	--	--	--	--	1700	72	480	540	600	170	9.7 U
Metals, filtered (µg/L)											
BERYLLIUM	--	--	--	--	27	0.8 J	3 J	3.1	3.2 J	0.6 U	--
COBALT	--	--	--	--	960	37	460	470	480	2.4 J	--
IRON	--	--	--	--	54000	22000	110000	105000	100000	8500	--
MANGANESE	--	--	--	--	2900	2800	5100	5100	5100	190	--
NICKEL	--	--	--	--	1400	35 J	510	525	540	2.5 J	--
THALLIUM	--	--	--	--	4.2 U	2.7 U	4.5 U	3.85 U	3.2 U	2.9 U	--
VANADIUM	--	--	--	--	21 J	5.6 U	5.6 U	5.6 U	5.6 U	5.6 U	--
ZINC	--	--	--	--	1700	71	720	760	800	150	--
Miscellaneous (mg/L)											
ALKALINITY	54	--	80	5.1	--	--	--	--	--	--	2.6 U
Petroleum hydrocarbons (µg/L)											
DIESEL-RANGE ORGANICS	220 U	--	--	--	--	--	--	--	--	--	210 U

*As reported by laboratory.
 -- not analyzed
 J - estimated value
 µg/L - micrograms per liter
 mg/L - milligrams per liter

Analytical Data Table- April 2022
 Lockheed Martin
 Martin State Airport

LOCATION	QC	QC	QC	QC	QC
SAMPLE ID	TB-042532	TB-042632	TB-042732	TB-042832	TB-042932
SAMPLE DATE	20220425	20220426	20220427	20220428	20220429
MATRIX	QC	QC	QC	QC	QC
Volatile organic compounds (µg/L)					
1,1,1,2-TETRACHLOROETHANE	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U
1,1,1-TRICHLOROETHANE	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
1,1,2,2-TETRACHLOROETHANE	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U
1,1,2-TRICHLOROTRIFLUOROETHANE	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U
1,1-DICHLOROETHANE	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U
1,1-DICHLOROBENZENE	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U
1,1-DICHLOROPROPENE	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
1,2,3-TRICHLOROBENZENE	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U
1,2,3-TRICHLOROPROPANE	0.52 U	0.52 U	0.52 U	0.52 U	0.52 U
1,2,3-TRIMETHYLBENZENE	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U
1,2,4-TRICHLOROBENZENE	0.77 U	0.77 U	0.77 U	0.77 U	0.77 U
1,2,4-TRIMETHYLBENZENE	0.52 U	0.52 U	0.52 U	0.52 U	0.52 U
1,2-DIBROMO-3-CHLOROPROPANE	0.91 U	0.91 U	0.91 U	0.91 U	0.91 U
1,2-DIBROMOETHANE	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U
1,2-DIBROMOETHENE	--	--	--	--	--
1,2-DICHLOROBENZENE	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
1,2-DICHLOROETHANE	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U
1,2-DICHLOROPROPANE	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U
1,3-DICHLOROBENZENE	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U
1,3-DICHLOROPROPANE	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U
1,4-DICHLOROBENZENE	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U
2,2-DICHLOROPROPANE	0.78 U	0.78 U	0.78 U	0.78 U	0.78 U
2-BUTANONE	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
2-CHLOROETHYL VINYL ETHER	1.5 UR	1.5 UR	1.5 UR	1.5 UR	1.5 UR
2-CHLOROTOLUENE	0.57 U	0.57 U	0.57 U	0.57 U	0.57 U
2-HEXANONE	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
4-CHLOROTOLUENE	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U
4-ISOPROPYLTOLUENE	0.56 U	0.56 U	0.56 U	0.56 U	0.56 U
4-METHYL-2-PENTANONE	0.99 U	0.99 U	0.99 U	0.99 U	0.99 U
ACETONE	5.4 U	5.4 U	5.4 U	5.4 U	5.4 U
BENZENE	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U
BROMOBENZENE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
BROMOCHLOROMETHANE	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U
BROMODICHLOROMETHANE	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
BROMOETHENE	--	--	--	--	--
BROMOFORM	0.76 U	0.76 U	0.76 U	0.76 U	0.76 U
BROMOMETHANE	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U
CARBON DISULFIDE	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U
CARBON TETRACHLORIDE	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
CHLOROBENZENE	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U
CHLORODIBROMOMETHANE	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U
CHLORODICHLOROMETHANE	1 U	1 U	1 U	1 U	1 U
CHLOROETHANE	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U
CHLOROFORM	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U
CHLOROMETHANE	0.63 U	0.63 U	0.63 U	0.63 U	0.63 U
CIS-1,2-DICHLOROETHENE	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U
CIS-1,3-DICHLOROPROPENE	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U
DIBROMOMETHANE	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
DICHLORODIFLUOROMETHANE	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
DIISOPROPYL ETHER	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
ETHYL TERT-BUTYL ETHER	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
ETHYLBENZENE	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U
HEXACHLOROBUTADIENE	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U
ISOPROPYLBENZENE	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U
M-P-XYLENES	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U
METHYL TERT-BUTYL ETHER	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U
METHYLENE CHLORIDE	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U
NAPHTHALENE	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U
N-BUTYLBENZENE	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U
N-PROPYLBENZENE	0.57 U	0.57 U	0.57 U	0.57 U	0.57 U
O-XYLENE	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U
SEC-BUTYLBENZENE	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U
STYRENE	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U
TERT-AMYL METHYL ETHER	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U
TERT-BUTYLBENZENE	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
TERTIARY-BUTYL ALCOHOL	7.2 U	7.2 U	7.2 U	7.2 U	7.2 U
TETRACHLOROETHENE	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U
TOLUENE	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U
TOTAL XYLENES	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U
TRANS-1,2-DICHLOROETHENE	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U
TRANS-1,3-DICHLOROPROPENE	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U
TRICHLOROETHENE	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U
TRICHLORODIFLUOROMETHANE	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U
UNKNOWN*	--	--	--	2.7 NJ	7.1 NJ
VINYL ACETATE	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U
VINYL CHLORIDE	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U
Volatile gases (µg/L)					
ETHANE	--	--	--	--	--
ETHENE	--	--	--	--	--
METHANE	--	--	--	--	--
Metals (µg/L)					
BERYLLIUM	--	--	--	--	--
COBALT	--	--	--	--	--
IRON	--	--	--	--	--
MANGANESE	--	--	--	--	--
NICKEL	--	--	--	--	--
THALLIUM	--	--	--	--	--
VANADIUM	--	--	--	--	--
ZINC	--	--	--	--	--
Metals, filtered (µg/L)					
BERYLLIUM	--	--	--	--	--
COBALT	--	--	--	--	--
IRON	--	--	--	--	--
MANGANESE	--	--	--	--	--
NICKEL	--	--	--	--	--
THALLIUM	--	--	--	--	--
VANADIUM	--	--	--	--	--
ZINC	--	--	--	--	--
Miscellaneous (mg/L)					
ALKALINITY	--	--	--	--	--
Petroleum hydrocarbons (µg/L)					
DIESEL-RANGE ORGANICS	--	--	--	--	--

*As reported by laboratory.
 -- not analyzed
 J - estimated value
 µg/L - micrograms per liter
 mg/L - milligrams per liter

APPENDIX G—MANN-KENDALL (NONPARAMETRIC) TREND ANALYSIS

Table G-1
Mann-Kendall (Nonparametric) Trend Analysis - Organics
Greater Strawberry Point, Martin State Airport, Middle River, Maryland

	MW05-TPH	MW20-TPH	MW28-TCE	MW28-CCl ₄	MW05-TPH	MW07-TCE	MW23I-TCE	MW32D-TCE	MW32S-TCE
Units	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
# Observations	4	4	5	5	47	5	5	5	5
Maximum	840.0	620.0	29.0	19.0	840.0	94.0	110.0	26.0	790
Average	782.5	570.0	25.6	16.2	650.0	60.6	97.8	16.2	646.0
Minimum	690.0	520.0	22.0	10.0	120.0	35.0	88.0	12.0	420.0
Standard Deviation	66.5	44.0	2.9	3.7	301.8	24.5	11.2	5.8	153.6
Coefficient of Variation(CV)	0.1	0.1	0.1	0.2	0.5	0.4	0.1	0.4	0.2
% Non-Detect	0%	0%	0%	0%	2%	0%	0%	0%	0%
Cleanup Goal	47	47	5	5	47	5	5	5	5
Last # Events	4	4	5	5	5	5	5	5	5
Maximum	840.0	620.0	29.0	19.0	840.0	94.0	110.0	26.0	790.0
Average	782.5	570.0	26.5	17.8	763.3	52.3	94.8	16.3	662.5
Minimum	690.0	520.0	22.0	10.0	690.0	35.0	88.0	12.0	420.0
% Non-Detect	0%	0%	0%	0%	20%	0%	0%	0%	0%
Standard Deviation	66.5	44.0	2.9	3.7	66.5	24.5	11.2	5.8	153.6
Coefficient of Variation(CV)	0.1	0.1	0.1	0.2	0.1	0.5	0.1	0.4	0.2
Mann-Kendall S value	0	0	2	3	0	-6	-5	3	6
Calculated Mann-Kendall p value	62.5%	62.5%	40.8%	32.5%	59.2%	11.7%	18.0%	32.5%	11.7%
Evidence of Trend?	No	No	No	No	No	No	No	No	No
Trend?	No	No	No	No	No	No	No	No	No
Summary	Stable	Stable	Stable	Stable	Stable	Stable	Stable	Stable	Stable
Stability Test (No Trend & CV <1)	Stable	Stable	Stable	Stable	Stable	Stable	Stable	Stable	Stable
Jul-20			<u>22</u>	<u>10</u>		<u>94</u>	<u>110</u>		
Aug-20	<u>840</u>				<u>840</u>			<u>16</u>	<u>580.0</u>
Nov-20	<u>690</u>	<u>550</u>	<u>29</u>	<u>19</u>	<u>690</u>	<u>76</u>	<u>110</u>	<u>12</u>	<u>420.0</u>
Feb-21		<u>590</u>	<u>24</u>	<u>16</u>	<u>240</u> u	<u>35</u>	<u>90</u>	<u>12</u>	<u>780.0</u>
May-21	<u>780</u>	<u>620</u>	<u>28</u>	<u>19</u>	<u>780</u>	<u>57</u>	<u>88</u>	<u>15</u>	<u>660.0</u>
Apr-22	<u>820</u>	<u>520</u>	<u>25</u>	<u>17</u>	<u>820</u>	<u>41</u>	<u>91</u>	<u>26</u>	<u>790.0</u>

All concentration in micrograms per liter (µg/L)

Underlined and bolded values are at least 10 times greater than (residential) groundwater preliminary remedial goal (PRG).

Shaded and bolded values are at least 100 times greater than the residential PRG.

CCl₄ - carbon tetrachloride

DRO - diesel-range organics (total petroleum hydrocarbons)

TCE - trichloroethene

**Table G-2
Mann-Kendall (Nonparametric) Trend Analysis - Metals
Greater Strawberry Point, Martin State Airport, Middle River, Maryland**

	MW33-Be (total)	MW33-Be (dissolved)	MW33-Ni (total)	MW33-Ni (dissolved)	MW33-Zn (total)	MW33-Zn (dissolved)	MW37-Ni (total)	MW37-Ni (dissolved)
Units	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
# Observations	5	5	5	5	5	5	5	5
Maximum	28.0	28.0	1,400.0	1,400.0	1,700.0	1,700.0	820.0	810.0
Average	24.4	23.8	1,024.0	984.0	1,175.8	1,124.0	558.0	569.0
Minimum	19.0	18.0	730.0	710.0	779.0	720.0	340.0	390.0
Standard Deviation	4.5	4.9	251.1	260.8	333.3	357.6	232.9	193.7
Coefficient of Variation(CV)	0.2	0.2	0.2	0.3	0.3	0.3	0.4	0.3
% Non-Detect	0%	0%	0%	0%	0%	0%	0%	0%
Cleanup Goal (PRG)	4	4	39	39	600	600	39	39
Last # Events	5	5	5	5	5	5	5	5
Maximum	28.0	28.0	1,400.0	1,400.0	1,700.0	1,700.0	820.0	810.0
Average	25.8	25.3	1,097.5	1,052.5	1,169.8	1,130.0	492.5	528.8
Minimum	19.0	18.0	730.0	710.0	779.0	720.0	340.0	390.0
% Non-Detect	0%	0%	0%	0%	0%	0%	0%	0%
Standard Deviation	4.5	4.9	251.1	260.8	333.3	357.6	232.9	193.7
Coefficient of Variation(CV)	0.2	0.2	0.2	0.2	0.3	0.3	0.5	0.4
Mann-Kendall S value	1	3	6	6	-1	1	0	1
Calculated Mann-Kendall p value	50.0%	32.5%	11.7%	11.7%	50.0%	50.0%	59.2%	50.0%
Evidence of Trend?	No	No	No	No	No	No	No	No
Trend?	No	No	No	No	No	No	No	No
Summary	Stable	Stable	Stable	Stable	Stable	Stable	Stable	Stable
Stability Test (No Trend & CV <1)	Stable	Stable	Stable	Stable	Stable	Stable	Stable	Stable
Jul-20								
Aug-20	<u>19</u>	<u>18</u>	<u>730</u>	<u>710</u>	<u>1,200</u>	<u>1,100</u>	<u>820</u>	<u>730</u>
Nov-20	<u>28</u>	<u>27</u>	<u>1,000</u>	<u>980</u>	<u>1,100</u>	<u>1,000</u>	<u>340</u>	<u>390</u>
Feb-21	<u>28</u>	<u>28</u>	<u>1,100</u>	<u>1,000</u>	<u>1,100</u>	<u>1,100</u>	<u>390</u>	<u>390</u>
May-21	<u>20</u>	<u>19</u>	<u>890</u>	<u>830</u>	<u>779</u>	<u>720</u>	<u>800</u>	<u>810</u>
Apr-22	<u>27</u>	<u>27</u>	<u>1,400</u>	<u>1,400</u>	<u>1,700</u>	<u>1,700</u>	<u>440</u>	<u>525</u>

All concentration in micrograms per liter (µg/L)

Underlined and bolded values are at least 10 times greater than (residential) groundwater preliminary remedial goal.

Be - beryllium

Ni - nickel

Zn - zinc