TETRA TECH

MADISON ERICSON
PROJECT MANAGER

August 2, 2022

Ryan Dunham
EPA Contracting Officer's Representative
U.S. Environmental Protection Agency, Region 8
1595 Wynkoop St.
Denver, Colorado, 80202

Subject: **Site Trip Report – Phase 2 Sampling Event – Revision 1**
Bauer Tailings Site Reassessment
Stockton, Utah
U.S. EPA Region 8 START V, Contract No. 68HE0820D0001
Task Order No. 68HE0820F0083
TD No. 2083-2112-03

Dear Mr. Dunham:

The Tetra Tech EM Inc. Superfund Technical Assessment and Response Team (START) is submitting Revision 1 of the Site Assessment Trip Report generated for the Phase 2 (P2) sampling event at the Bauer Tailings Site Reassessment in Stockton, Tooele County, Utah. This report summarizes field activities conducted during P2 of the site reassessment. Specific elements of this phase of the technical direction (TD) included collection of composite soil samples, collection of grab soil samples, conducting XRF screening of samples, laboratory analysis of a subset of samples, monitoring well investigation, documenting on-site conditions, collecting Global Positioning System (GPS) coordinates for aliquot locations, data management activities, and preparing this trip report. Enclosure 1 presents the site and screening results figures; Enclosure 2 contains the XRF screening results, laboratory analytical results, and water levels; Enclosure 3 presents the laboratory data package and data validation report.

Sincerely,

Madison Ericson
START Technical Direction Manager

SITE TRIP REPORT – PHASE 2 SAMPLING EVENT

REVISION 1

BAUER TAILINGS SITE REASSESSMENT SITE
STOCKTON, UTAH

Region 8 Superfund Technical Assessment and Response Team (START) V
Contract No. 68HE0820D0001, Task Order 68HE0820F0083

Prepared For:

U.S. Environmental Protection Agency
Region 8
Superfund Division
1595 Wynkoop Street
Denver, Colorado 80202

August 2, 2022

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CONTENTS

1.0 SITE LOCATION AND DESCRIPTION

The Bauer Tailings Site Reassessment site (the Site) is located approximately three miles southwest of Stockton, Tooele County, Utah (Figure 1). The approximate geographic coordinates, acreage, and elevation of the Site are identified in the table below. Tooele Waste Management is located approximately 1 mile to the northeast from the Site, and Tooele Army Depot is approximately 3 miles to the north from the Site.

Site	Latitude	Longitude	Acreage	Elevation (feet above mean sea level)
Bauer Tailings	40.4715093	-112.3681012	425	4944

During the site assessment activities, U.S. Environmental Protection Agency (EPA), Utah Department of Environmental Quality (UDEQ), and Environmental Restoration LLC (ER) were conducting a Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) Time-Critical Removal Action (TCRA) to mitigate the threat from two large areas of tailings and mine waste at the Site (EPA 2021). In November 2021, the TCRA operations began to regrade and cap the waste deposits to prevent surface water from collecting and to prevent tailings from migrating (EPA 2022a).

In January 2022, START along with EPA and UDEQ conducted the Phase 1 (P1) site assessment sampling event. The P1 activities were conducted in areas within Tooele County parcels 06-017-C-0029, 06-017-A-0032, and 06-017-D-0027 that were outside of the TCRA work area. Additional information regarding the P1 site assessment sampling event can be found in the Bauer Tailings Site Reassessment Site Trip Report – Phase 1 Sampling Event – Revision 2 (Tetra Tech 2022a)

The Phase 2 (P2) site reassessment activities were conducted in areas within Tooele County parcels 06-017-B-0035, 06-017-C-0027, and 06-017-C-0028, which border the Phase 1 (P1) parcels to the northeast. This area contains a former facility that processed coal derivatives with solvent to extract resin for adhesives, as well as a suspected waste pit that spans both P1 and P2 parcels. Waste deposits from this facility spontaneously combusted periodically and as recently as 1985, when two children were burned and seriously injured. At that time, the State of Utah ordered the property owner to remediate the property (EPA 2022a). Windblown tailings from the P1 parcels at the Site and waste from the resin facility are likely to have migrated as far as the P2 parcels.

Additionally, six monitoring wells were drilled on the P2 parcels in 1985 and 1986 by subcontractor STS D'Appalonia, but their locations and conditions were unknown (UDEQ 2021). Since there was no

documentation of maintenance or further sampling of the wells, it was unknown if they were still present or in usable condition prior to the P2 site assessment activities.

2.0 SITE ASSESSMENT ACTIVITES

On February 22, 2022, EPA, UDEQ, and START began the P2 site assessment activities. Activities included collection of 81 composite surface soil grid samples for ex situ XRF screening and target analyte list (TAL) metals analysis, collection of 30 discrete grab surface soil samples for semi-volatile organic compounds (SVOC) analysis from Areas of Interest (AOI) within the P2 area of the Site, location of six monitoring wells, measurement of the groundwater levels in the six monitoring wells, and documentation of site assessment activities. Sample collection activities were conducted in accordance with Revision 0 of the Sampling, Monitoring, and Analysis Plan (SMAP) submitted on February 21, 2022 and approved by EPA (Tetra Tech 2022b). The P2 grid locations are shown in Figure 2, AOI discrete sample locations are included in Figure 3, and monitoring well locations are included in Figure 4.

2.1 GRID SOIL SAMPLING ACTIVITIES

On February 22 through 27, START, with the assistance of EPA and UDEQ, collected 81 composite surface soil samples from 0 to 3 inches below ground surface to investigate the extent of migration of contaminants (lead and arsenic) from the tailings piles located on the P1 parcels. Prior to sampling, the P2 site assessment area was divided into grids measuring 100- by 100-meters by the START data management team. In each complete grid square designated for sampling, five surface soil aliquots were collected using stainless steel trowels and placed into a zip-tight bag before being homogenized into one sample representative of the extent of contamination in the entire area. For grid squares smaller than 100- by 100-meters due to Site boundaries, the number of aliquots collected was proportional to the size of the grid square included in the sampling area. Within each grid, no aliquot location was located within 100 feet of another aliquot to ensure spatial coverage of each grid. In total, 334 aliquots from 81 grids were collected. See Figure 2 in Enclosure 1 for grid sample locations.

Sampling equipment was decontaminated between each grid sample. Upon completion of sampling activities on February 27, 2022, P2 grid samples were packaged securely for transport to the EPA warehouse in Arvada, Colorado for ex situ XRF analyses. Sampling activities were recorded using ESRI's Survey123 and Field Maps mobile data collection application.

2.2 AOI SOIL SAMPLING ACTIVITIES

On February 22nd, START collected 30 discrete surface soil samples and three duplicate samples from 0 to 3 inches below ground surface from eight AOI for analysis of SVOCs. The polygon areas were defined around the AOIs based on review of historical aerial photographs and documents to identify locations of waste deposits, visibly disturbed areas and signs of distressed vegetation or stained soil. The number of discrete samples collected from each AOI was based on the size of the polygon area. The discrete AOI samples were not analyzed for metals since they were encompassed by the P2 grid sampling area for metals analysis. Figure 3 in Enclosure 1 provides a visual depiction of the AOI sample locations.

Sampling equipment was decontaminated between each AOI sample. Upon completion of sampling activities on February 22, 2022, 30 AOI samples and three duplicate samples were placed in 4-ounce sample jars stored on ice and delivered to ALS Laboratories (ALS) in Salt Lake City, Utah on February 23, 2022. ALS in Salt Lake City completed packaging and shipped the samples overnight to ALS in Fort Collins, Colorado for delivery on February 24, 2022. A copy of the chain-of-custody form is included in the laboratory results package in Enclosure 3.

2.3 XRF SCREENING ACTIVITIES

XRF screening was conducted on February 28 through March 2, 2022, in accordance with the EPA Region 4 Superfund X-Ray Fluorescence Field Operations Guide (FOG) and the SMAP (Tetra Tech 2022b). Subsamples were collected from each sample for XRF screening; the remainder of each sample was preserved on ice for laboratory analysis. The subsamples were homogenized using dedicated equipment to prevent contamination and placed on a drying hot plate to remove moisture that can interfere with XRF results. After drying, the samples were ground using a mortar and pestle, then placed in an approved zip-tight plastic bag labeled with the sample for screening.

Prior to screening, the Vanta handheld XRF analyzer was calibrated with a 316 stainless steel calibration check reference coin and a Quality Assurance and Quality Control (QA/QC) check was run using a Silica (SiO2) Standard and National Institute of Standards and Technology Standard Reference Material 2781. Each sample was checked again for moisture and further homogenized. XRF screening was then conducted by screening three different points of the homogenized sample on the exterior of the zip-tight plastic bag. The XRF provided readings for 22 metals, including lead and arsenic, and all screening data was downloaded from the XRF analyzer. The metal concentration data for the three screening points for each sample were then averaged for a final XRF screening concentration. In Enclosure 1, see Figure 2 for grid sample locations.

XRF screening results were used to select 10% of the P2 grid soil samples with a range of low to high lead and arsenic concentrations to submit for laboratory analysis of TAL metals. The nine P2 grid samples selected for laboratory analysis and one duplicate sample were placed in 4-ounce sample jars and delivered to ALS in Fort Collins, Colorado on March 3, 2022. A copy of the chain-of-custody form is included in the laboratory results package in Enclosure 3.

2.4 MONITORING WELL ACTIVITIES

On February 22nd, 2022, EPA, UDEQ, and START located all six monitoring wells believed to have been installed by STS D'Appalonia between 1985 and 1986. The locations of these wells are depicted on Figure 4 in Enclosure 1. All six monitoring wells were constructed with 4-inch PVC and surrounded by a steel outer enclosure. The monitoring wells were in poor condition with missing caps or partially broken off PVC. All wells were left in the same condition that they were found to be in. Additionally, the team located an unknown abandoned well on site that had a 1-foot metal ring opening; the location of this abandoned well is also shown on Figure 4 in Enclosure 1.

START collected groundwater levels and total well depths measurements using a 150-foot water level meter. Table 4 in Enclosure 2 summarizes the groundwater levels and total well depths of each location. Obstructions were observed within monitoring wells MW-01, MW-03, and MW-04, which prohibited recording accurate total well depths for each of these three wells. The total well depth of monitoring well 06 and the abandoned well are unknown, as the 150-foot water level meter did not reach the bottom of either well. The total well depths are unknown and are reported as minimum values in Table 4.

3.0 XRF AND FIXED LABORATORY RESULTS

Results were compared to EPA Removal Management Level (RML) for industrial soil with a target cancer risk level of 10^{-4} and a target hazard quotient of 1.0 for non-carcinogens (EPA 2022b).

3.1 GRID SOIL SAMPLES

XRF screening results for the P2 grid samples indicated that arsenic concentrations at 39 grids exceeded the EPA industrial removal management level (RML) of 300 parts per million (ppm), and lead concentrations at 34 grids exceeded the EPA industrial RML of 800 ppm. Of the grids with arsenic exceedances, concentrations ranged from 311 ppm to 2,234 ppm. Of the grids with lead exceedances, concentrations ranged from 874 ppm to 6,652 ppm.

Grid soil samples with low to high arsenic and lead concentrations were chosen for fixed laboratory metals analysis based on XRF results. ALS analyzed 10 soil samples including one duplicate sample for TAL metals and mercury in accordance with SW-846 Methods 6010C and 7471B.

Fixed laboratory results indicated that all 10 soil samples analyzed for TAL metals exceeded the EPA industrial soil RMLs of 300 mg/kg for arsenic and 7 out of 10 soil samples exceeded the EPA industrial RML of 800 mg/kg for lead (Table 2). Of the samples with arsenic exceedances, concentrations ranged from 320 mg/kg to 870 mg/kg. Of the samples with lead exceedances, concentrations ranged from 890 mg/kg to 1,600 mg/kg. No other metal analytes were detected in samples at concentrations above EPA industrial soil RMLs.

The XRF results for lead and arsenic for the P2 grid samples are provided in Figures 5 and 6 in Enclosure 1. Each color illustrated on Figure 5 distinguishes a different XRF result concentration range in ppm for arsenic. Each color illustrated on Figure 6 distinguishes a different XRF result concentration range in ppm for lead. Table 1 of Enclosure 2 is a summary of lead and arsenic XRF results for the P2 grid soil samples. Table 2 in Enclosure 2 summarize all fixed laboratory results for the P2 grid soil samples. Data validation reports and analytical reports are provided in Enclosure 3.

3.2 AOI SOIL SAMPLES

The fixed laboratory results indicated that there were no SVOC analytes detected in any of the 33 AOI soil samples at concentrations above EPA industrial soil RMLs. Table 3 in Enclosure 2 summarize all fixed laboratory results for the AOI discrete soil samples. Data validation reports and analytical reports are provided in Enclosure 3.

4.0 DATA QUALITY ASSESSMENT

The P2 sampling event included data quality objectives for the two soil sampling events and the one potential groundwater sampling event. Each of the data quality objectives were in accordance with Revision 0 of the SMAP (Tetra Tech 2022b).

The data quality objective for the composite grid samples was to evaluate the presence and extent of heavy metal contamination within the P2 sampling area. One soil duplicate sample (BT-GS-J15-DUP) was collected for laboratory analysis to assess total method precision; all field duplicate criteria were met. The duplicate soil sample was selected from the designated 10% of the P2 grid soil samples sent for fixed laboratory and was analyzed by the XRF with its original sample.

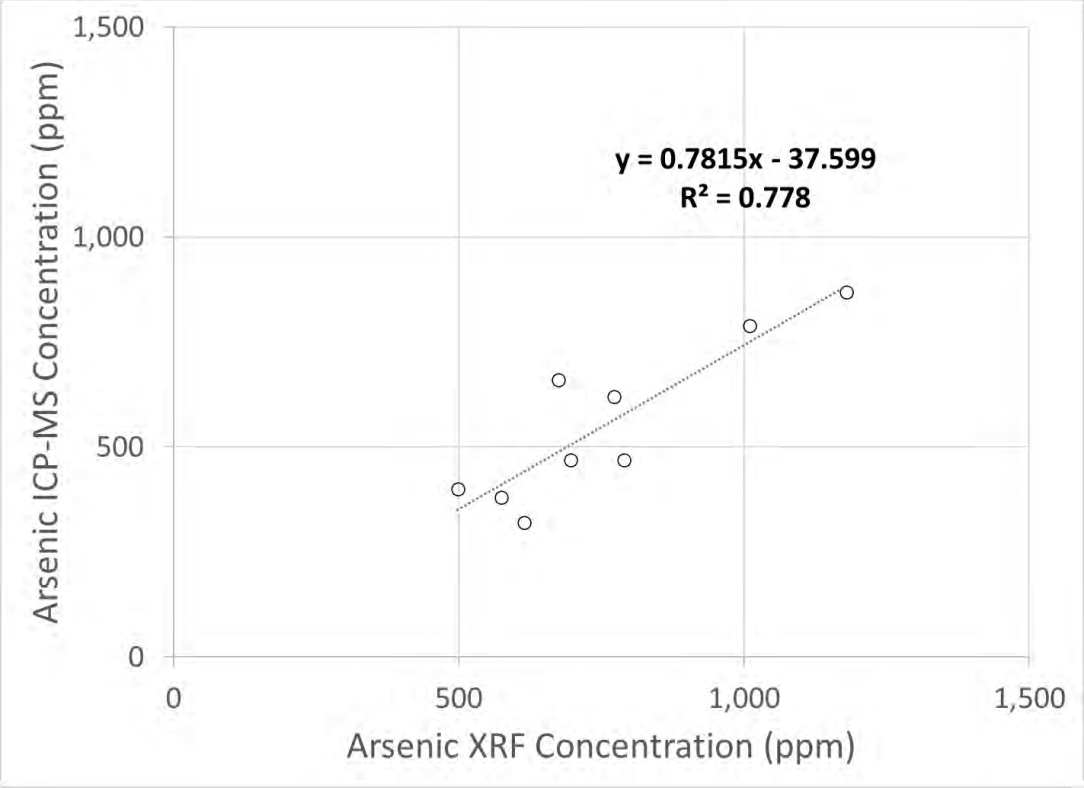
The data quality objective for the discrete AOI samples was to evaluate the presence and extent of SVOC contamination within areas of interest within the P2 sampling area that were determined from historic aerial photography and documentation. Three soil duplicate samples (BT-P2-AOI-03-04-DUP, BT-P2-AOI-04-01-DUP, and BT-P2-AOI-09-06-DUP) and one matrix spike/matrix spike duplicate (MS/MSD) sample were collected for laboratory analysis to assess total method precision; all field duplicates criteria were met. All field duplicate and MS/MSD precision criteria were met.

The data quality objective for the potential groundwater samples was to evaluate the presence and extent of VOC, SVOC, and metal contamination within the six monitoring well locations. Groundwater sampling was not collected during the P2 sampling event due to uncertainty of well conditions, time constraints, and equipment availability.

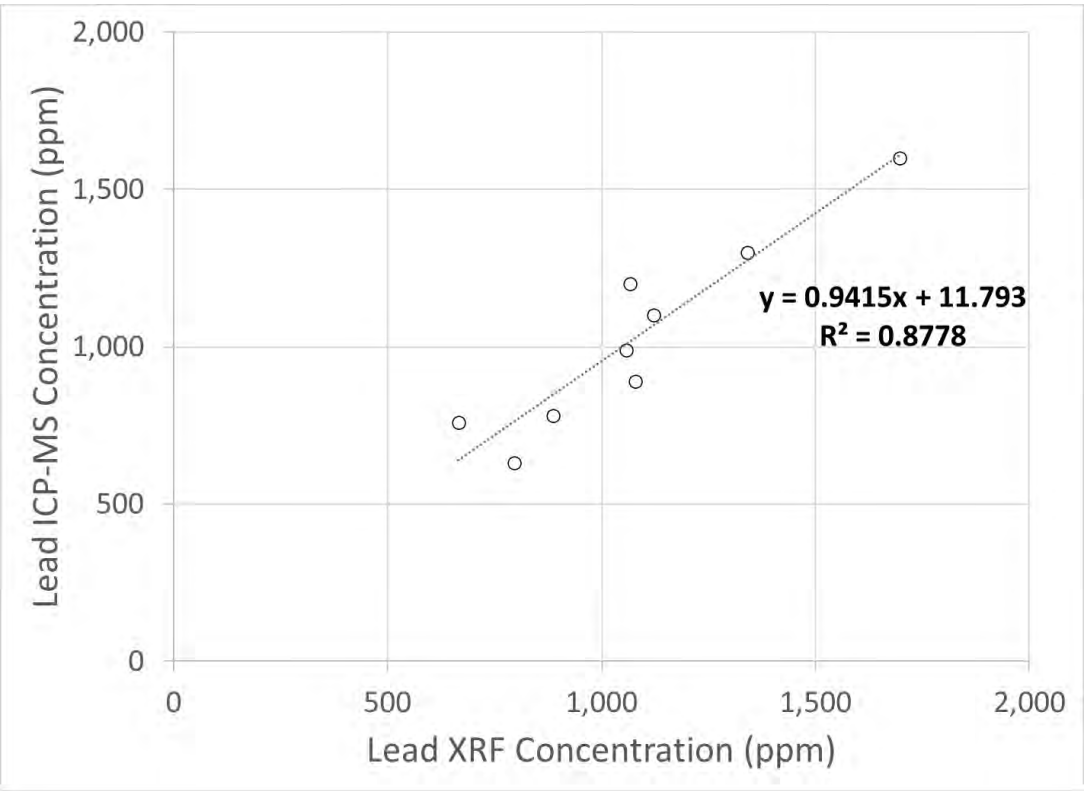
4.1 XRF CORRELATION

START conducted regressions of arsenic and lead XRF concentrations and laboratory analytical results for the 10% of selected P2 grid samples for which fixed laboratory analysis was performed. The arsenic and lead regression equations are included on the correlation graphs below.

Graph 1 – Arsenic Correlation



Graph 2 – Lead Correlation



4.2 DATA VALIDATION AND DATA MANAGEMENT

START personnel collected mobile data using ESRI's Survey123 mobile data collection application to document soil information, and to collect general photos and other site observations. Figures were created to show general site information such as the tailings boundary areas and the specific locations outside the active TCRA work area where the AOI and P2 sampling events occurred. Other figures show the sample locations along with their corresponding XRF results.

All soil sampling data and laboratory results were loaded into the Scribe database. All data analyzed by ALS in Fort Collins were validated by Tetra Tech chemists in general accordance with the Tetra Tech Programmatic Quality Assurance Project Plan for Emergency Response and Site Assessment Task Orders (Tetra Tech 2021) and the EPA NFG for Inorganic Superfund Methods Data Review (November 2020). All laboratory data packages were verified and validated using a Stage 2a validation and all data were deemed acceptable for use as qualified in the data validation report.

4.3 DEVIATIONS FROM THE SAMPLING AND ANALYSIS PLAN

START made every effort to perform site activities in accordance with the site-specific sampling, monitoring, and analysis plan. Site conditions and directions from the EPA SAM in the field resulted in slight deviations from the plan, including:

- Groundwater was not sampled and groundwater parameters were not measured due to uncertainty of well conditions, time constraints, and equipment availability.
- An equipment rinsate blank was not collected due to the extreme winter weather conditions on-site. All DI water brought to the site was utilized decontaminating reusable sampling equipment; therefore, a sufficient volume of DI water was not available to collect an equipment rinsate blank and submit it for analysis.

5.0 CONCLUSIONS

START, with the assistance of EPA and UDEQ, collected 81 grid soil samples from the P2 site assessment area and 30 discrete soil samples and three duplicate samples from the eight AOI areas. Grid soil samples were screened with an XRF for the main contaminants of concern, lead and arsenic. There were 34 grid samples that exceeded EPA RMLs for lead and 39 grid samples exceeded EPA RMLs for arsenic.

START submitted 9 grid soil samples and one duplicate sample with low to high arsenic and lead concentrations for fixed laboratory metals analysis based on XRF results. The fixed laboratory results indicated that all 10 P2 grid samples analyzed for TAL metals exceeded the EPA industrial soil RMLs for arsenic and 7 out of 10 soil samples exceeded the EPA industrial RML for lead. No other analytes were detected in samples at concentrations above EPA industrial soil RMLs.

START submitted 33 AOI samples for fixed laboratory SVOC analysis. The fixed laboratory results indicated that no analytes were detected at concentrations above EPA industrial soil RMLs.

6.0 REFERENCES

Tetra Tech Inc. (Tetra Tech). 2021. "Final Programmatic Quality Assurance Project Plan for Emergency Response and Site Assessment." Revision 4. May.

Tetra Tech. 2022a. "Site Trip Report – Phase 1 Sampling Event – Bauer Tailings Site Reassessment." Revision 2. August.

Tetra Tech. 2022b. "Sampling, Monitoring, and Analysis Plan Phase 2 Addendum – Bauer Tailings Site Reassessment." Revision 0. February.

U.S. Environmental Protection Agency (EPA). 2021. "Action Memorandum, Approval, Funding, and Exemption from $2 Million Statutory Limit for a Removal Action at the Bauer Tailings Site in Stockton, Tooele County, Utah." Signed August 26. Accessed on-line at: https://response.epa.gov/sites/15313/files/Bauer%20Tailings%20Action%20Memo%20Signed.pdf

EPA. 2022a. On-Scene Coordinator Web Site Description for Bauer Tailing Site. Accessed in April 2022 at: https://response.epa.gov/site/site_profile.aspx?site_id=15313

EPA. 2022b. "Regional Removal Management Levels for Chemicals (RMLs) – Generic Tables." May. https://www.epa.gov/risk/regional-screening-levels-rsls-generic-tables.

ENCLOSURE 1

SITE FIGURES

(Six pages)

Legend

Site Location

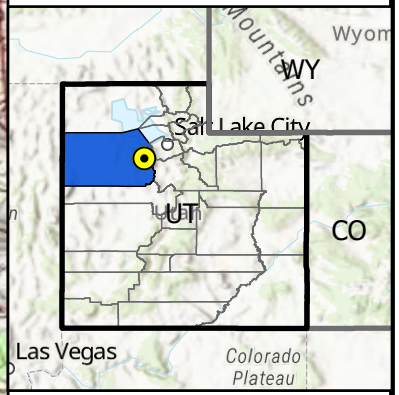
N

0 0.25 0.5 Miles

1 inch = 0.38 miles

Note:
Coordinates provided are the approximate center of site.

Map Source:
ESRI USA Topographic Map



United States Environmental Protection Agency Region 8

FIGURE 1
Site Location

Site: Bauer Tailings Site Reassessment

TD No.: 2083-2112-03

City:	County:	State:
Stockton	Tooele	Utah

TETRA TECH

Date: 1/4/2022

Analyst: SG

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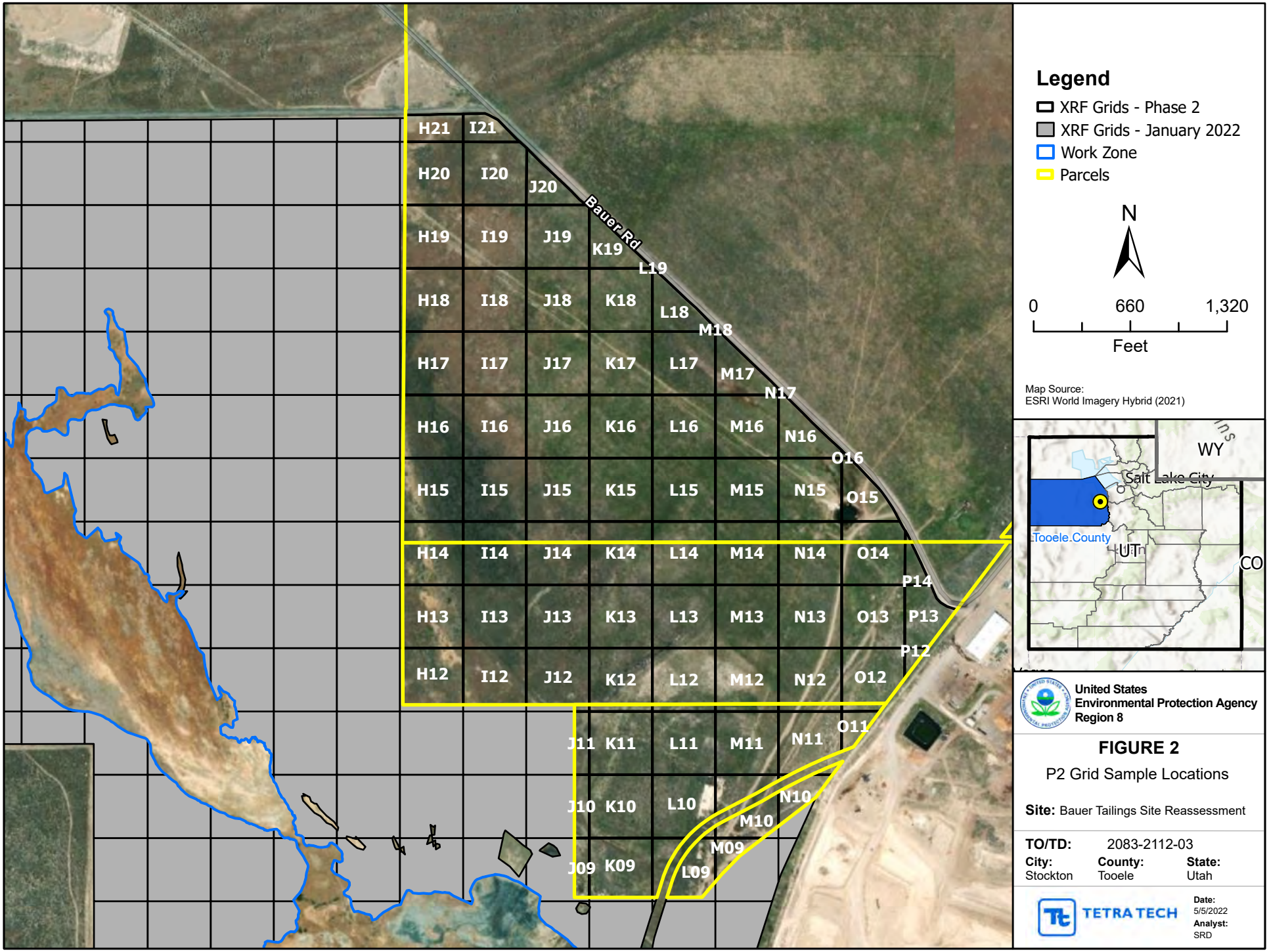

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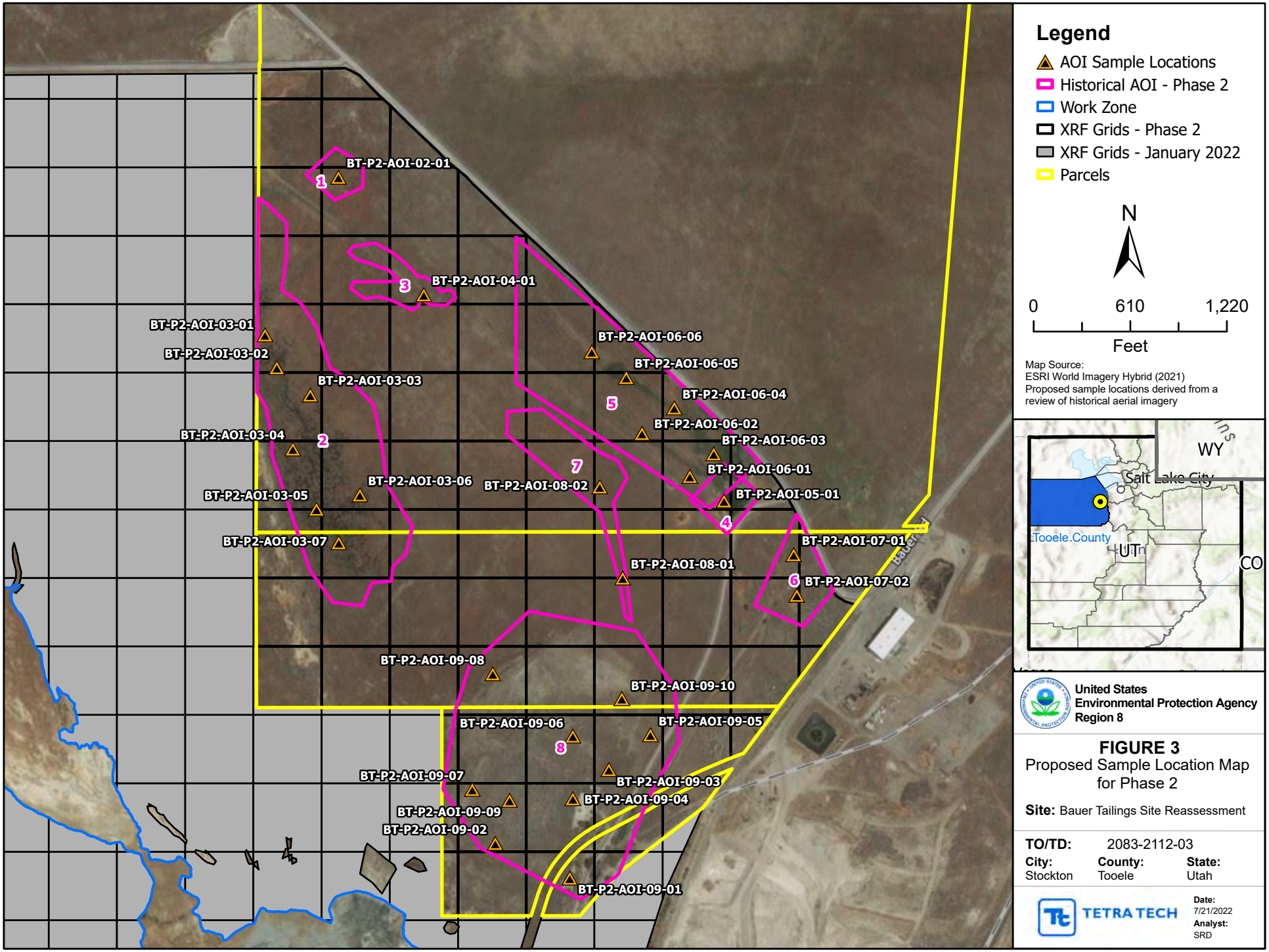
BT-P2-AOI-02-01
1
BT-P2-AOI-04-01
3
BT-P2-AOI-03-01
BT-P2-AOI-03-02
BT-P2-AOI-03-03
BT-P2-AOI-03-04
2
BT-P2-AOI-03-05
BT-P2-AOI-03-06
BT-P2-AOI-03-07
BT-P2-AOI-06-06
BT-P2-AOI-06-05
BT-P2-AOI-06-04
5
BT-P2-AOI-06-02
BT-P2-AOI-06-03
BT-P2-AOI-06-01
7
BT-P2-AOI-08-02
BT-P2-AOI-05-01
4
BT-P2-AOI-07-01
BT-P2-AOI-08-01
6
BT-P2-AOI-07-02
BT-P2-AOI-09-08
BT-P2-AOI-09-10
BT-P2-AOI-09-06
BT-P2-AOI-09-05
8
BT-P2-AOI-09-07
BT-P2-AOI-09-03
BT-P2-AOI-09-04
BT-P2-AOI-09-09
BT-P2-AOI-09-02
BT-P2-AOI-09-01
Legend
AOI Sample Locations
Historical AOI - Phase 2
Work Zone
XRF Grids - Phase 2
XRF Grids - January 2022
Parcels
N
0
610
1,220
Feet
Map Source:
ESRI World Imagery Hybrid (2021)
Proposed sample locations derived from a review of historical aerial imagery
WY
Salt Lake City
Tooele County
UT
CO
United States
Environmental Protection Agency
Region 8
FIGURE 3
Proposed Sample Location Map for Phase 2
Site: Bauer Tailings Site Reassessment
TO/TD: 2083-2112-03
City: Stockton
County: Tooele
State: Utah
TETRA TECH
Date: 7/21/2022
Analyst: SRD
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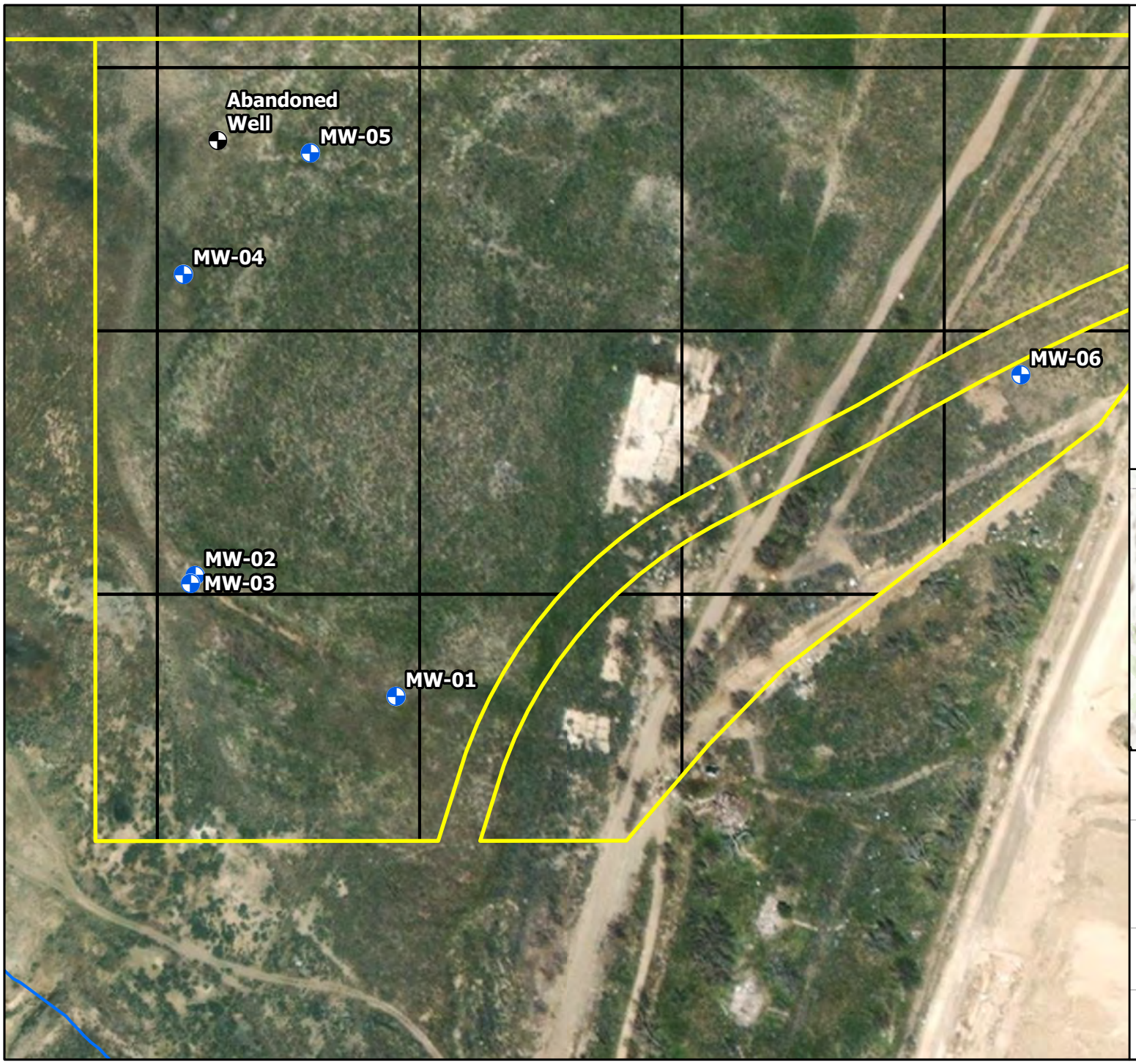


Legend

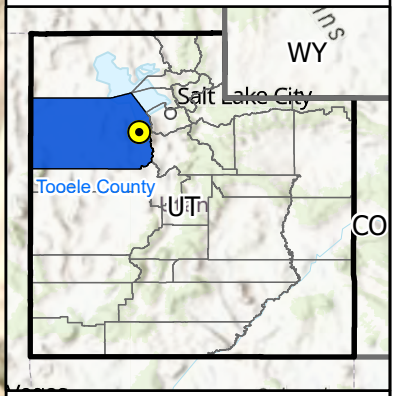
- Work Zone
- Monitoring Well
- Abandoned Well
- Parcel Boundaries
- Grid Cells - Phase 2

N

0 180 360

Feet

Map Source:
ESRI World Imagery Hybrid (2021)



United States Environmental Protection Agency Region 8

FIGURE 4

Monitoring Well Locations

Site: Bauer Tailings Site Reassessment

TO/TD: 2083-2112-03

City:	**County:**	**State:**
Stockton	Tooele	Utah

TETRA TECH

Date: 7/21/2022
Analyst: SRD

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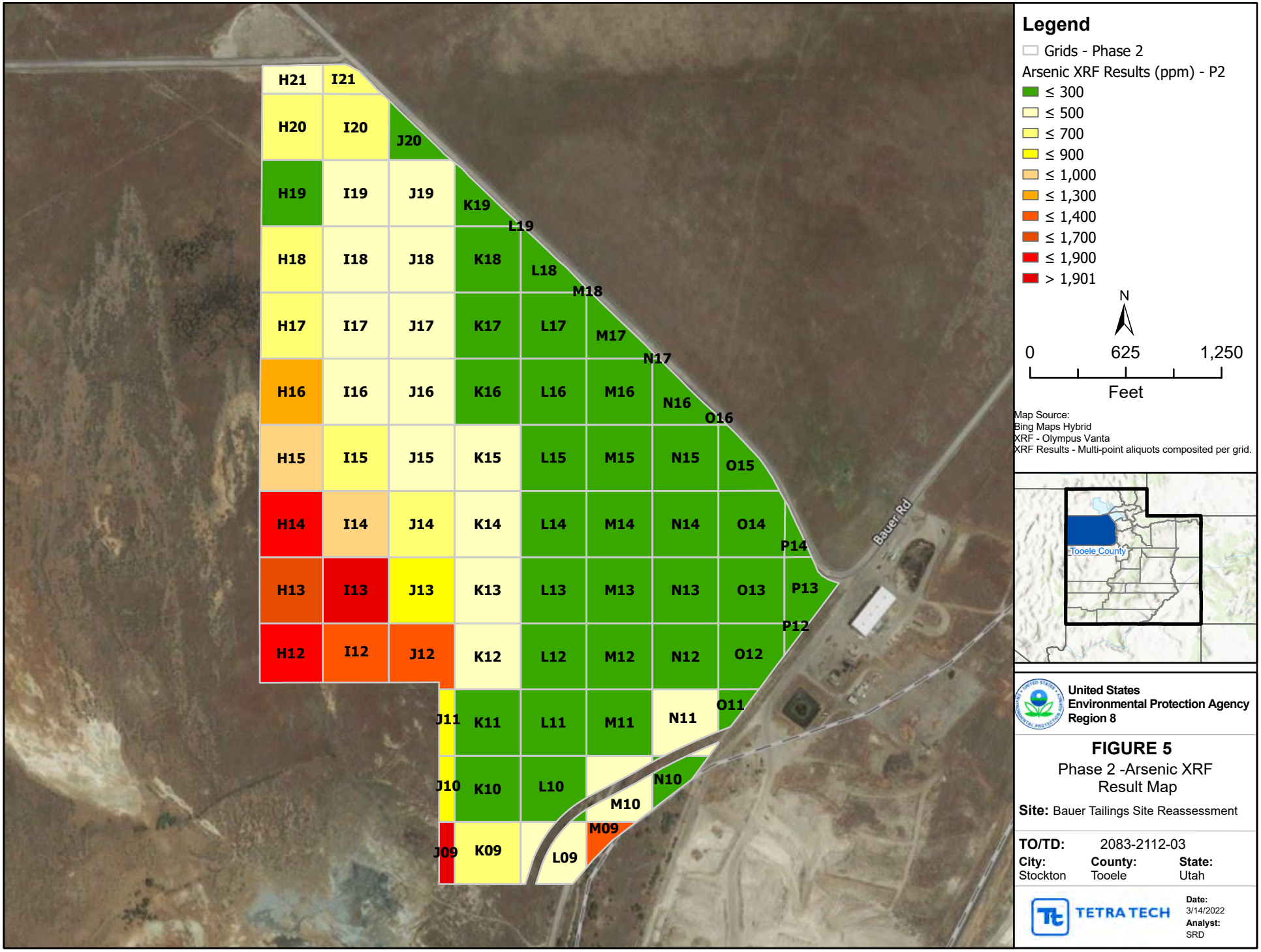

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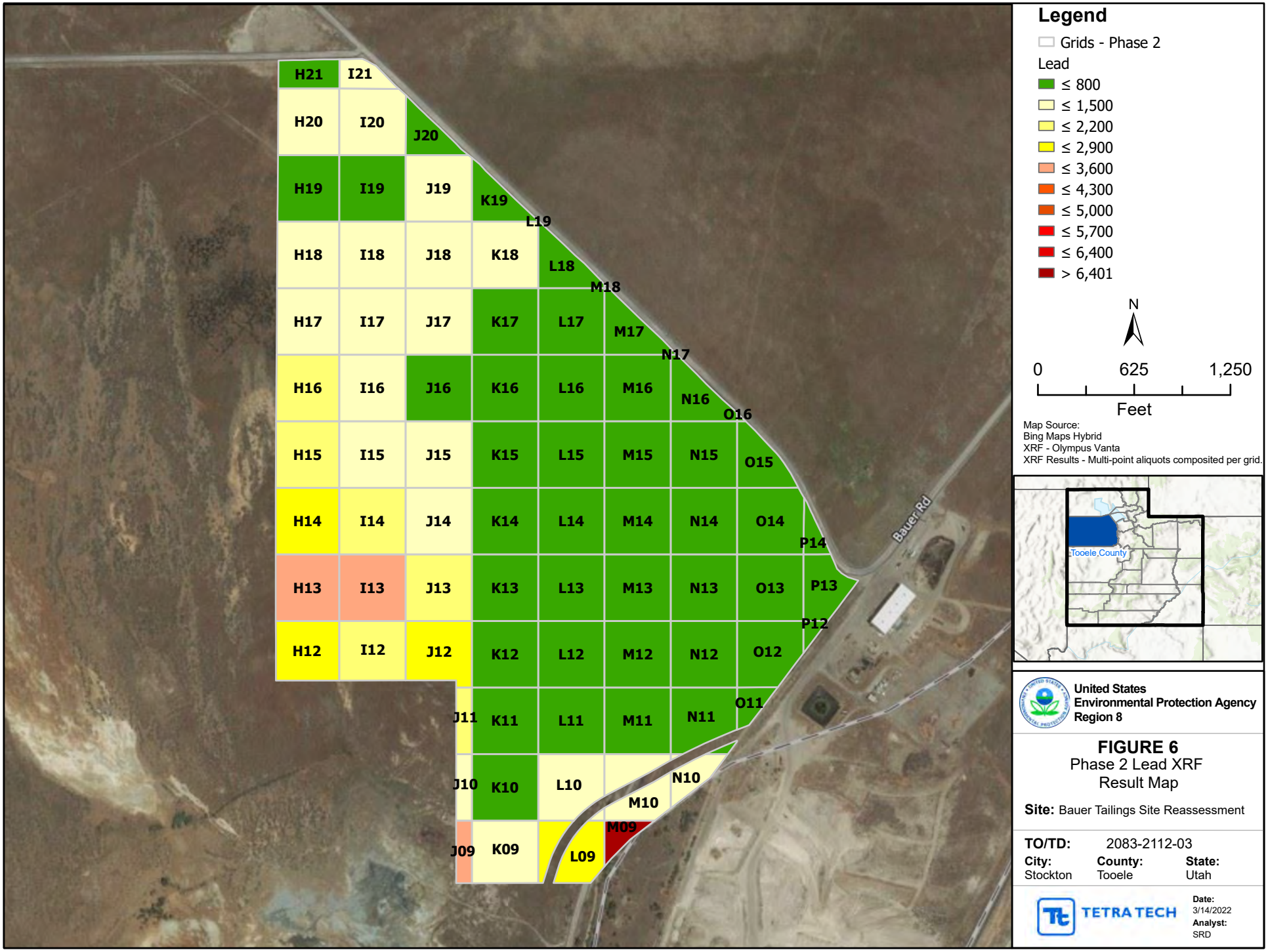

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ENCLOSURE 2

XRF SCREENING RESULTS, FIXED LABORATORY ANALYTICAL RESULTS, MONITORING WELL DATA

(Seven pages)

Table 1 - XRF Screening Results Summary

Sample ID	XRF Result (ppm)	
	Arsenic	Lead
Phase 2 Grid Samples		
BT-GS-H12	**1,832**	**2,828**
BT-GS-H13	**1,692**	**3,338**
BT-GS-H14	**1,769**	**2,255**
BT-GS-H15	**1,092**	**1,825**
BT-GS-H16	**1,150**	**1,920**
BT-GS-H17	**673**	**1,267**
BT-GS-H18	**671**	**1,389**
BT-GS-H19	298	623
BT-GS-H20	**643**	**1,377**
BT-GS-H21	**311**	598
BT-GS-I12	**1,353**	**2,135**
BT-GS-I13	**2,095**	**3,277**
BT-GS-I14	**1,022**	**1,816**
BT-GS-I15	**668**	**1,287**
BT-GS-I16	**496**	**1,045**
BT-GS-I17	**455**	**950**
BT-GS-I18	**410**	**876**
BT-GS-I19	**317**	742
BT-GS-I20	**551**	**1,107**
BT-GS-I21	**563**	**1,066**
BT-GS-J09	**2,234**	**3,511**
BT-GS-J10	**720**	**1,324**
BT-GS-J11	**841**	**1,675**
BT-GS-J12	**1,451**	**2,225**
BT-GS-J13	**887**	**1,697**
BT-GS-J14	**502**	**938**
BT-GS-J15	**481**	**1,053**
BT-GS-J16	**321**	762
BT-GS-J17	**321**	**966**
BT-GS-J18	**342**	**926**
BT-GS-J19	**387**	**986**
BT-GS-J20	258	562
BT-GS-K09	**619**	**1,474**
BT-GS-K10	137	417

Table 1 - XRF Screening Results Summary

Sample ID	XRF Result (ppm)	
	Arsenic	Lead
Phase 2 Grid Samples		
BT-GS-K11	199	630
BT-GS-K12	**438**	785
BT-GS-K13	**348**	626
BT-GS-K14	**355**	657
BT-GS-K15	**313**	594
BT-GS-K16	240	592
BT-GS-K17	260	695
BT-GS-K18	291	**874**
BT-GS-K19	237	660
BT-GS-L09	**341**	**2,800**
BT-GS-L10	185	**1,236**
BT-GS-L11	67	171
BT-GS-L12	77	267
BT-GS-L13	248	480
BT-GS-L14	208	444
BT-GS-L15	202	465
BT-GS-L16	155	453
BT-GS-L17	173	638
BT-GS-L18	140	535
BT-GS-L19	163	521
BT-GS-M09	**1,357**	**6,652**
BT-GS-M10	**329**	**950**
BT-GS-M11	61	254
BT-GS-M12	139	348
BT-GS-M13	163	319
BT-GS-M14	140	314
BT-GS-M15	167	407
BT-GS-M16	125	445
BT-GS-M17	160	471
BT-GS-M18	118	355
BT-GS-N10	257	**984**
BT-GS-N11	**372**	695
BT-GS-N12	167	660
BT-GS-N13	108	384

Table 1 - XRF Screening Results Summary

Sample ID	XRF Result (ppm)	
	Arsenic	Lead
Phase 2 Grid Samples		
BT-GS-N14	98	362
BT-GS-N15	97	462
BT-GS-N16	93	385
BT-GS-N17	96	355
BT-GS-O11	38	226
BT-GS-O12	27	116
BT-GS-O13	268	741
BT-GS-O14	99	552
BT-GS-O15	70	258
BT-GS-O16	40	185
BT-GS-P12	21	171
BT-GS-P13	70	363
BT-GS-P14	95	594

Notes:

Bolded results indicate concentrations above the EPA industrial soil RML of 300 ppm for Arsenic and 800 ppm for Lead

BT Bauer Tailings

EPA United States Environmental Protection Agency

GS Grid Sample

ppm Parts per million

RML Removal Management Level

XRF X-ray Fluorescence

Table 2 - Validated Grid Fixed Labratory Results Summary

Target Analyte List (TAL) Metals	EPA Industrial RML	Sample Concentration by Location									
		BT-GS-I16	BT-GS-I18	BT-GS-I20	BT-GS-I21	BT-GS-J10	BT-GS-J11	BT-GS-J15	BT-GS-J15-DUP	BT-GS-K12	BT-GS-K14
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Aluminum	3,400,000	7,900	6,800	3,400	3,400	5,200	4,900	4,600	4,800	4,900	5,200
Antimony	1,400	2.6	2.3	3.2	2.4	4.1	4.3	2.7	2.4	1.3	2.2
Arsenic	300	**470**	**380**	**620**	**470**	**790**	**870**	**660**	**600**	**320**	**400**
Barium	650,000	130	110	59	63	84	76	97	110	150	100
Beryllium	6,900	0.6	0.49	0.28	0.26	0.41	0.4	0.36	0.4	0.4	0.4
Cadmium	2,900	9.2	6.8	10	8.6	10	11	11	9.7	4.5	6.1
Calcium	--	15,000	15,000	20,000	11,000	20,000	18,000	8,000	8,800	34,000	33,000
Chromium	--	13	11	6.5	6.5	9.1	9.1	8	8.7	8.1	8.3
Cobalt	1,000	5.6	4.7	2.9	2.8	4.1	4	3.3	3.5	3.4	3.5
Copper	140,000	64	49	63	60	92	87	61	60	39	44
Iron	2,500,000	20,000	16,000	16,000	15,000	22,000	26,000	18,000	18,000	12,000	15,000
Lead	800	**990**	780	**1,100**	**890**	**1,300**	**1,600**	**1,200**	**1,100**	630	760
Magnesium	--	6,800	6,000	5,100	3,700	4,800	4,800	3,800	4,100	4,500	4,400
Manganese	77,000	1,400	1,100	1,200	1,100	1,000	1,200	1,400	1,300	630	770
Mercury	140	0.095 J	0.067 J	0.092 J	0.063 J	0.083 J	0.14 J	0.098 J	0.097 J	0.053 J	0.059 J
Nickel	67,000	14	11	6.9	6.7	11	10	8.5	9.3	9.5	9.6
Potassium	--	3,800	3,100	1,300	1,400	2,300	2,300	2,400	2,700	2,000	2,300
Selenium	18,000	1.7	1.1	1.1 J	0.89 J	1.3	1.4	1.5	1.5	1.2	1.1 J
Silver	18,000	5.4	3.9	5.6	4.7	6.2	7.5	5.7	5.3	2.7	3.3
Sodium	--	160	110	61 J	53 J	110 J	97 J	510	470	480	270
Thallium	35	1.8	2	2.7	2.1	2	2.8	1.9	2.1	0.54	1.2
Vanadium	17,000	13	11	7.3	6.9	9.6	9.5	8.8	9.1	8.9	9.7
Zinc	1,100,000	1,200	870	1,300	1,000	1,400	1,500	1,400	1,300	670	830

Notes:
Bolded results indicate concentrations above the EPA industrial soil RML (TR=1E-04, HQ=3)
BT Bauer Tailings
DUP Field duplicate sample
EPA United States Environmental Protection Agency
GS Grid Sample
J Concentration is estimated
mg/kg Milligrams per kilogram
RML Removal Management Level

Table 3 - Validated AOI Fixed Labratory Results Summary

Semi-Volatile Organic Compound (SVOC)	EPA Industrial RML	Sample Concentration by Location																					
		BT-P2-AOI-02-01	BT-P2-AOI-03-01	BT-P2-AOI-03-02	BT-P2-AOI-03-03	BT-P2-AOI-03-04	BT-P2-AOI-03-04-DUP	BT-P2-AOI-03-05	BT-P2-AOI-03-06	BT-P2-AOI-03-07	BT-P2-AOI-04-01	BT-P2-AOI-04-01-DUP	BT-P2-AOI-05-01	BT-P2-AOI-06-01	BT-P2-AOI-06-02	BT-P2-AOI-06-03	BT-P2-AOI-06-04	BT-P2-AOI-06-05	BT-P2-AOI-06-06	BT-P2-AOI-07-01	BT-P2-AOI-07-02	BT-P2-AOI-08-01	BT-P2-AOI-08-02
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
1-Methylnaphthalene	160,000	0.79 UJ	4.1 UJ	4.2 UJ	4.1 UJ	20 U	21 U	22 U	4 UJ	3.8 UJ	2.5 U	2.6 U	2.7 U	3 U	2.4 U	3.1 U	3.8 U	3.3 U	2.8 U	2.3 U	2.3 U	2.3 U	2.6 U
2,2'-oxybis[1-chloropropane]	140,000	0.79 UJ	4.1 U	4.2 U	4.1 UJ	20 U	21 U	22 U	4 UJ	3.8 UJ	2.5 U	2.6 U	2.7 U	3 U	2.4 U	3.1 U	3.8 U	3.3 U	2.8 U	2.3 U	2.3 U	2.3 U	2.6 U
2,4,5-Trichlorophenol	250,000	0.79 UJ	4.1 U	4.2 U	4.1 UJ	20 U	21 U	22 U	4 UJ	3.8 UJ	2.5 U	2.6 U	2.7 U	3 U	2.4 U	3.1 U	3.8 U	3.3 U	2.8 U	2.3 U	2.3 U	2.3 U	2.6 U
2,4,6-Trichlorophenol	2,500	0.79 UJ	4.1 UJ	4.2 UJ	4.1 UJ	20 U	21 U	22 U	4 UJ	3.8 UJ	2.5 U	2.6 U	2.7 U	3 U	2.4 U	3.1 U	3.8 U	3.3 U	2.8 U	2.3 U	2.3 U	2.3 U	2.6 U
2,4-Dichlorophenol	7,400	0.79 UJ	4.1 U	4.2 U	4.1 UJ	20 U	21 U	22 U	4 UJ	3.8 UJ	2.5 U	2.6 U	2.7 U	3 U	2.4 U	3.1 U	3.8 U	3.3 U	2.8 U	2.3 U	2.3 U	2.3 U	2.6 U
2,4-Dimethylphenol	49,000	0.79 UJ	4.1 U	4.2 U	4.1 UJ	20 U	21 U	22 U	4 UJ	3.8 UJ	2.5 U	2.6 U	2.7 U	3 U	2.4 U	3.1 U	3.8 U	3.3 U	2.8 U	2.3 U	2.3 U	2.3 U	2.6 U
2,4-Dinitrophenol	4,900	1.6 UJ	8.3 UJ	8.4 UJ	8.2 UJ	40 U	41 U	44 U	7.9 UJ	7.7 UJ	5 U	5.2 U	5.3 U	5.9 U	4.8 U	6.2 U	7.5 U	6.6 U	5.6 U	4.6 U	4.7 U	4.5 U	5.1 U
2,4-Dinitrotoluene	740	0.79 UJ	4.1 U	4.2 U	4.1 UJ	20 U	21 U	22 U	4 UJ	3.8 UJ	2.5 U	2.6 U	2.7 U	3 U	2.4 U	3.1 U	3.8 U	3.3 U	2.8 U	2.3 U	2.3 U	2.3 U	2.6 U
2,6-Dinitrotoluene	150	0.79 UJ	4.1 UJ	4.2 UJ	4.1 UJ	20 U	21 U	22 U	4 UJ	3.8 UJ	2.5 U	2.6 U	2.7 U	3 U	2.4 U	3.1 U	3.8 U	3.3 U	2.8 U	2.3 U	2.3 U	2.3 U	2.6 U
2-Chloronaphthalene	180,000	0.79 UJ	4.1 UJ	4.2 UJ	4.1 UJ	20 U	21 U	22 U	4 UJ	3.8 UJ	2.5 U	2.6 U	2.7 U	3 U	2.4 U	3.1 U	3.8 U	3.3 U	2.8 U	2.3 U	2.3 U	2.3 U	2.6 U
2-Chlorophenol	18,000	0.79 UJ	4.1 U	4.2 U	4.1 UJ	20 U	21 U	22 U	4 UJ	3.8 UJ	2.5 U	2.6 U	2.7 U	3 U	2.4 U	3.1 U	3.8 U	3.3 U	2.8 U	2.3 U	2.3 U	2.3 U	2.6 U
2-Methylnaphthalene	9,000	0.79 UJ	4.1 UJ	4.2 UJ	4.1 UJ	20 U	21 U	22 U	4 UJ	3.8 UJ	2.5 U	2.6 U	2.7 U	3 U	2.4 U	3.1 U	3.8 U	3.3 U	2.8 U	2.3 U	2.3 U	2.3 U	2.6 U
2-Methylphenol	120,000	0.79 UJ	4.1 U	4.2 U	4.1 UJ	20 U	21 U	22 U	4 UJ	3.8 UJ	2.5 U	2.6 U	2.7 U	3 U	2.4 U	3.1 U	3.8 U	3.3 U	2.8 U	2.3 U	2.3 U	2.3 U	2.6 U
2-Nitroaniline	24,000	1.6 UJ	8.3 U	8.4 U	8.2 UJ	40 U	41 U	44 U	7.9 UJ	7.7 UJ	5 U	5.2 U	5.3 U	5.9 U	4.8 U	6.2 U	7.5 U	6.6 U	5.6 U	4.6 U	4.7 U	4.5 U	5.1 U
2-Nitrophenol	--	0.79 UJ	4.1 U	4.2 U	4.1 UJ	20 U	21 U	22 U	4 UJ	3.8 UJ	2.5 U	2.6 U	2.7 U	3 U	2.4 U	3.1 U	3.8 U	3.3 U	2.8 U	2.3 U	2.3 U	2.3 U	2.6 U
3,3'-Dichlorobenzidine	510	0.79 UJ	4.1 UJ	4.2 UJ	4.1 UJ	20 UJ	21 UJ	22 UJ	4 UJ	3.8 UJ	2.5 UJ	2.6 UJ	2.7 UJ	3 UJ	2.4 UJ	3.1 UJ	3.8 UJ	3.3 UJ	2.8 UJ	2.3 UJ	2.3 UJ	2.3 UJ	2.6 UJ
3-Nitroaniline	--	1.6 UJ	8.3 U	8.4 U	8.2 UJ	40 U	41 U	44 U	7.9 UJ	7.7 UJ	5 U	5.2 U	5.3 U	5.9 U	4.8 U	6.2 U	7.5 U	6.6 U	5.6 U	4.6 U	4.7 U	4.5 U	5.1 U
4,6-Dinitro-2-methylphenol	200	3.2 UJ	17 UJ	17 UJ	16 UJ	80 U	82 U	89 U	16 UJ	15 UJ	10 U	10 U	11 U	12 U	9.6 U	12 U	15 U	13 U	11 U	9.3 U	9.4 U	9.1 U	10 U
4-Bromophenyl phenyl ether	--	0.79 UJ	4.1 U	4.2 U	4.1 UJ	20 U	21 U	22 U	4 UJ	3.8 UJ	2.5 U	2.6 U	2.7 U	3 U	2.4 U	3.1 U	3.8 U	3.3 U	2.8 U	2.3 U	2.3 U	2.3 U	2.6 U
4-Chloro-3-methylphenol	250,000	0.79 UJ	4.1 U	4.2 U	4.1 UJ	20 U	21 U	22 U	4 UJ	3.8 UJ	2.5 U	2.6 U	2.7 U	3 U	2.4 U	3.1 U	3.8 U	3.3 U	2.8 U	2.3 U	2.3 U	2.3 U	2.6 U
4-Chloroaniline	1,100	0.79 UJ	4.1 UJ	4.2 UJ	4.1 UJ	20 UJ	21 UJ	22 UJ	4 UJ	3.8 UJ	2.5 UJ	2.6 UJ	2.7 UJ	3 UJ	2.4 UJ	3.1 UJ	3.8 UJ	3.3 UJ	2.8 UJ	2.3 UJ	2.3 UJ	2.3 UJ	2.6 UJ
4-Chlorophenyl phenyl ether	--	0.79 UJ	4.1 UJ	4.2 UJ	4.1 UJ	20 U	21 U	22 U	4 UJ	3.8 UJ	2.5 U	2.6 U	2.7 U	3 U	2.4 U	3.1 U	3.8 U	3.3 U	2.8 U	2.3 U	2.3 U	2.3 U	2.6 U
4-Nitroaniline	9,800	1.6 UJ	8.3 U	8.4 U	8.2 UJ	40 U	41 U	44 U	7.9 UJ	7.7 UJ	5 U	5.2 U	5.3 U	5.9 U	4.8 U	6.2 U	7.5 U	6.6 U	5.6 U	4.6 U	4.7 U	4.5 U	5.1 U
4-Nitrophenol	--	1.6 UJ	8.3 U	8.4 U	8.2 UJ	40 U	41 U	44 U	7.9 UJ	7.7 UJ	5 U	5.2 U	5.3 U	5.9 U	4.8 U	6.2 U	7.5 U	6.6 U	5.6 U	4.6 U	4.7 U	4.5 U	5.1 U
Acenaphthene	140,000	0.79 UJ	4.1 U	4.2 U	4.1 UJ	20 U	21 U	22 U	4 UJ	3.8 UJ	2.5 U	2.6 U	2.7 U	3 U	2.4 U	3.1 U	3.8 U	3.3 U	2.8 U	2.3 U	2.3 U	2.3 U	2.6 U
Acenaphthylene	--	0.79 UJ	4.1 UJ	4.2 UJ	4.1 UJ	20 U	21 U	22 U	4 UJ	3.8 UJ	2.5 U	2.6 U	2.7 U	3 U	2.4 U	3.1 U	3.8 U	3.3 U	2.8 U	2.3 U	2.3 U	2.3 U	2.6 U
Anthracene	680,000	0.79 UJ	4.1 U	4.2 U	4.1 UJ	20 U	21 U	22 U	4 UJ	3.8 UJ	2.5 U	2.6 U	2.7 U	3 U	2.4 U	3.1 U	3.8 U	3.3 U	2.8 U	2.3 U	2.3 U	2.3 U	2.6 U
Benzo[a]anthracene	2,100	0.79 UJ	4.1 UJ	4.2 UJ	4.1 UJ	20 U	21 U	22 U	4 UJ	3.8 UJ	2.5 U	2.6 U	2.7 U	3 U	2.4 U	3.1 U	3.8 U	3.3 U	2.8 U	2.3 U	2.3 U	2.3 U	2.6 U
Benzo[a]pyrene	670	0.79 UJ	4.1 U	4.2 U	4.1 UJ	20 U	21 U	22 U	4 UJ	3.8 UJ	2.5 U	2.6 U	2.7 U	3 U	2.4 U	3.1 U	3.8 U	3.3 U	2.8 U	2.3 U	2.3 U	2.3 U	2.6 U
Benzo[b]fluoranthene	2,100	0.79 UJ	4.1 U	4.2 U	4.1 UJ	20 U	21 U	22 U	4 UJ	3.8 UJ	2.5 U	2.6 U	2.7 U	3 U	2.4 U	3.1 U	3.8 U	3.3 U	2.8 U	2.3 U	2.3 U	2.3 U	2.6 U
Benzo[g,h,i]perylene	--	0.79 UJ	4.1 U	4.2 U	4.1 UJ	20 U	21 U	22 U	4 UJ	3.8 UJ	2.5 U	2.6 U	2.7 U	3 U	2.4 U	3.1 U	3.8 U	3.3 U	2.8 U	2.3 U	2.3 U	2.3 U	2.6 U
Benzo[k]fluoranthene	21,000	0.79 UJ	4.1 U	4.2 U	4.1 UJ	20 U	21 U	22 U	4 UJ	3.8 UJ	2.5 U	2.6 U	2.7 U	3 U	2.4 U	3.1 U	3.8 U	3.3 U	2.8 U	2.3 U	2.3 U	2.3 U	2.6 U
Bis(2-chloroethoxy)methane	7,400	0.79 UJ	4.1 U	4.2 U	4.1 UJ	20 U	21 U	22 U	4 UJ	3.8 UJ	2.5 U	2.6 U	2.7 U	3 U	2.4 U	3.1 U	3.8 U	3.3 U	2.8 U	2.3 U	2.3 U	2.3 U	2.6 U
Bis(2-chloroethyl)ether	100	0.79 UJ	4.1 U	4.2 U	4.1 UJ	20 U	21 U	22 U	4 UJ	3.8 UJ	2.5 U	2.6 U	2.7 U	3 U	2.4 U	3.1 U	3.8 U	3.3 U	2.8 U	2.3 U	2.3 U	2.3 U	2.6 U
Bis(2-ethylhexyl) phthalate	16,000	1.2 UJ	6.2 U	6.3 U	6.2 UJ	30 U	31 U	33 U	6 UJ	5.7 UJ	3.8 U	3.9 U	4 U	4.4 U	3.6 U	4.6 U	5.7 U	5 U	4.2 U	3.5 U	3.5 U	3.4 U	3.8 U
Butyl benzyl phthalate	120,000	0.79 UJ	4.1 U	4.2 U	4.1 UJ	20 U	21 U	22 U	4 UJ	3.8 UJ	2.5 U	2.6 U	2.7 U	3 U	2.4 U	3.1 U	3.8 U	3.3 U	2.8 U	2.3 U	2.3 U	2.3 U	2.6 U
Carbazole	--	0.79 UJ	4.1 U	4.2 U	4.1 UJ	20 U	21 U	22 U	4 UJ	3.8 UJ	2.5 U	2.6 U	2.7 U	3 U	2.4 U	3.1 U	3.8 U	3.3 U	2.8 U	2.3 U	2.3 U	2.3 U	2.6 U
Chrysene	210,000	0.79 UJ	4.1 UJ	4.2 UJ	4.1 UJ	20 U	21 U	22 U	4 UJ	3.8 UJ	2.5 U	2.6 U	2.7 U	3 U	2.4 U	3.1 U	3.8 U	3.3 U	2.8 U	2.3 U	2.3 U	2.3 U	2.6 U
Dibenz(a,h)anthracene	210	0.79 UJ	4.1 U	4.2 U	4.1 UJ	20 U	21 U	22 U	4 UJ	3.8 UJ	2.5 U	2.6 U	2.7 U	3 U	2.4 U	3.1 U	3.8 U	3.3 U	2.8 U	2.3 U	2.3 U	2.3 U	2.6 U
Dibenzofuran	3,500	0.79 UJ	4.1 UJ	4.2 UJ	4.1 UJ	20 U	21 U	22 U	4 UJ	3.8 UJ	2.5 U	2.6 U	2.7 U	3 U	2.4 U	3.1 U	3.8 U	3.3 U	2.8 U	2.3 U	2.3 U	2.3 U	2.6 U
Diethyl phthalate	2,000,000	0.79 UJ	4.1 UJ	4.2 UJ	4.1 UJ	20 U	21 U	22 U	4 UJ	3.8 UJ	2.5 U	2.6 U	2.7 U	3 U	2.4 U	3.1 U	3.8 U	3.3 U	2.8 U	2.3 U	2.3 U	2.3 U	2.6 U
Dimethyl phthalate	--	0.79 UJ	4.1 UJ	4.2 UJ	4.1 UJ	20 U	21 U	22 U	4 UJ	3.8 UJ	2.5 U	2.6 U	2.7 U	3 U	2.4 U	3.1 U	3.8 U	3.3 U	2.8 U	2.3 U	2.3 U	2.3 U	2.6 U
Di-n-butyl phthalate	250,000	0.79 UJ	4.1 U	4.2 U	4.1 UJ	20 U	21 U	22 U	4 UJ	3.8 UJ	2.5 U	2.6 U	2.7 U	3 U	2.4 U	3.1 U	3.8 U	3.3 U	2.8 U	2.3 U	2.3 U	2.3 U	2.6 U
Di-n-octyl phthalate	25,000	1.2 UJ	6.2 U	6.3 U	6.2 UJ	30 U	31 U	33 U	6 UJ	5.7 UJ	3.8 U	3.9 U	4 U	4.4 U	3.6 U	4.6 U	5.7 U	5 U	4.2 U	3.5 U	3.5 U	3.4 U	3.8 U
Fluoranthene	90,000	0.79 UJ	4.1 U	4.2 U	4.1 UJ	20 U	21 U	22 U	4 UJ	3.8 UJ	2.5 U	2.6 U	2.7 U	3 U	2.4 U	3.1 U	3.8 U	3.3 U	2.8 U	2.3 U	2.3 U	2.3 U	2.6 U
Fluorene	90,000	0.79 UJ	4.1 UJ	4.2 UJ	4.1 UJ	20 U	21 U	22 U	4 UJ	3.8 UJ	2.5 U	2.6 U	2.7 U	3 U	2.4 U	3.1 U	3.8 U	3.3 U	2.8 U	2.3 U	2.3 U	2.3 U	2.6 U
Hexachlorobenzene	96	0.79 UJ	4.1 U	4.2 U	4.1 UJ	20 U	21 U	22 U	4 UJ	3.8 UJ	2.5 U	2.6 U	2.7 U	3 U	2.4 U	3.1 U	3.8 U	3.3 U	2.8 U	2.3 U	2.3 U	2.3 U	2.6 U
Hexachlorobutadiene	530	0.79 UJ	4.1 UJ	4.2 UJ	4.1 UJ	20 U	21 U	22 U	4 UJ	3.8 UJ	2.5 U	2.6 U	2.7 U	3 U	2.4 U	3.1 U	3.8 U	3.3 U	2.8 U	2.3 U	2.3 U	2.3 U	2.6 U
Hexachlorocyclopentadiene	22	0.79 UJ	4.1 U	4.2 U	4.1 UJ	20 U	21 U	22 U	4 UJ	3.8 UJ	2.5 U	2.6 U	2.7 U	3 U	2.4 U	3.1 U	3.8 U	3.3 U	2.8 U	2.3 U	2.3 U	2.3 U	2.6 U
Hexachloroethane	800	0.79 UJ	4.1 U	4.2 U	4.1 UJ	20 U	21 U	22 U	4 UJ	3.8 UJ	2.5 U	2.6 U	2.7 U	3 U	2.4 U	3.1 U	3.8 U	3.3 U	2.8 U	2.3 U	2.3 U	2.3 U	2.6 U
Indeno[1,2,3-cd]pyrene	2,100	0.79 UJ	4.1 U	4.2 U	4.1 UJ	20 U	21 U	22 U	4 UJ	3.8 UJ	2.5 U	2.6 U	2.7 U	3 U	2.4 U	3.1 U	3.8 U	3.3 U	2.8 U	2.3 U	2.3 U	2.3 U	2.6 U
Isophorone	240,000	0.79 UJ	4.1 U	4.2 U	4.1 UJ	20 U	21 U	22 U	4 UJ	3.8 UJ	2.5 U	2.6 U	2.7 U	3 U	2.4 U	3.1 U	3.8 U	3.3 U	2.8 U	2.3 U	2.3 U	2.3 U	2.6 U
Naphthalene	860	0.79 UJ	4.1 UJ	4.2 UJ	4.1 UJ	20 U	21 U	22 U	4 UJ	3.8 UJ	2.5 U	2.6 U	2.7 U	3 U	2.4 U	3.1 U	3.8 U	3.3 U	2.8 U	2.3 U	2.3 U	2.3 U	2.6 U
Nitrobenzene	2,200	0.79 UJ	4.1 U	4.2 U	4.1 UJ	20 U	21 U	22 U	4 UJ	3.8 UJ	2.5 U	2.6 U	2.7 U	3 U	2.4 U	3.1 U	3.8 U	3.3 U	2.8 U	2.3 U	2.3 U	2.3 U	2.6 U
N-Nitrosodi-n-propylamine	33	0.79 UJ	4.1 U	4.2 U	4.1 UJ	20 U	21 U	22 U	4 UJ	3.8 UJ	2.5 U	2.6 U	2.7 U	3 U	2.4 U	3.1 U	3.8 U	3.3 U	2.8 U	0.51 J	2.3 U	2.3 U	2.6 U
N-Nitrosodiphenylamine	47,000	0.79 UJ	4.1 UJ	4.2 UJ	4.1 UJ	20 U	21 U	22 U	4 UJ	3.8 UJ	2.5 U	2.6 U	2.7 U	3 U	2.4 U	3.1 U	3.8 U	3.3 U	2.8 U	2.3 U	2.3 U	2.3 U	2.6 U
Pentachlorophenol	400	3.2 UJ	17 U	17 U	16 UJ	80 U	82 U	89 U	16 UJ	15 UJ	10 U	10 U	11 U	12 U	9.6 U	12 U	15 U	13 U	11 U	9.3 U	9.4 U	9.1 U	10 U
Phenanthrene	--	0.79 UJ	4.1 U	4.2 U	4.1 UJ	20 U	21 U	22 U	4 UJ	3.8 UJ	2.5 U	2.6 U	2.7 U	3 U	2.4 U	3.1 U	3.8 U	3.3 U	2.8 U	2.3 U	2.3 U	2.3 U	2.6 U
Phenol	740,000	0.79 UJ	4.1 U	4.2 U	4.1 UJ	20 U	21 U	22 U	4 UJ	3.8 UJ	2.5 U	2.6 U	2.7 U	3 U	2.4 U	3.1 U	3.8 U	3.3 U	2.8 U	2.3 U	2.3 U	2.3 U	2.6 U
Pyrene	68,000	0.79 UJ	4.1 U	4.2 U	4.1 UJ	20 U	21 U	22 U	4 UJ	3.8 UJ	2.5 U	2.6 U	2.7 U	3 U	2.4 U	3.1 U	3.8 U	3.3 U	2.8 U	2.3 U	2.3 U	2.3 U	2.6 U

Notes:

Bolded results indicate concentrations above the EPA industrial soil RML (TR=1E-04, HQ=3)

BT Bauer Tailings

DUP Field duplicate sample

EPA United States Environmental Protection Agency

GS Grid Sample

J Concentration is estimated

J- Concentration is estimated, biased low

mg/kg Milligrams per kilogram

RML Removal Management Level

U Analyte was not detected

UJ Analyte was not detected due to deficiencies in one or more quality control criteria

Table 3 - Validated AOI Fixed Labratory Results Summary

Semi-Volatile Organic Compound (SVOC)	EPA Industrial RML	BT-P2-AOI-09-01	BT-P2-AOI-09-02	BT-P2-AOI-09-03	BT-P2-AOI-09-04	BT-P2-AOI-09-05	BT-P2-AOI-09-06	BT-P2-AOI-09-06-DUP	BT-P2-AOI-09-07	BT-P2-AOI-09-08	BT-P2-AOI-09-09	BT-PS-AOI-09-10
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
1-Methylnaphthalene	160,000	0.79 UJ	3.7 J-	3.9 UJ	2.6 J-	2.2 U	5.3	7.7	2.3 U	0.74 UJ	0.34 J-	0.74 UJ
2,2'-oxybis[1-chloropropane]	140,000	0.79 U	3.6 U	3.9 U	3.9 U	2.2 U	2.2 U	4.6 U	2.3 U	0.74 U	0.78 UJ	0.74 U
2,4,5-Trichlorophenol	250,000	0.79 U	3.6 U	3.9 U	3.9 U	2.2 U	2.2 U	4.6 U	2.3 U	0.74 U	0.78 UJ	0.74 U
2,4,6-Trichlorophenol	2,500	0.79 UJ	3.6 UJ	3.9 UJ	3.9 UJ	2.2 U	2.2 U	4.6 U	2.3 U	0.74 UJ	0.78 UJ	0.74 UJ
2,4-Dichlorophenol	7,400	0.79 U	3.6 U	3.9 U	3.9 U	2.2 U	2.2 U	4.6 U	2.3 U	0.74 U	0.78 UJ	0.74 U
2,4-Dimethylphenol	49,000	0.79 U	3.6 U	3.9 U	3.9 U	2.2 U	2.2 U	4.6 U	2.3 U	0.74 U	0.78 UJ	0.74 U
2,4-Dinitrophenol	4,900	1.6 UJ	7.3 UJ	7.8 UJ	7.9 UJ	4.4 U	4.5 U	9.2 U	4.7 U	1.5 UJ	1.6 UJ	1.5 UJ
2,4-Dinitrotoluene	740	0.79 U	3.6 U	3.9 U	3.9 U	2.2 U	2.2 U	4.6 U	2.3 U	0.74 U	0.78 UJ	0.74 U
2,6-Dinitrotoluene	150	0.79 UJ	3.6 UJ	3.9 UJ	3.9 UJ	2.2 U	2.2 U	4.6 U	2.3 U	0.74 UJ	0.78 UJ	0.74 UJ
2-Chloronaphthalene	180,000	0.79 UJ	3.6 UJ	3.9 UJ	3.9 UJ	2.2 U	2.2 U	4.6 U	2.3 U	0.74 UJ	0.78 UJ	0.74 UJ
2-Chlorophenol	18,000	0.79 U	3.6 U	3.9 U	3.9 U	2.2 U	2.2 U	4.6 U	2.3 U	0.74 U	0.78 UJ	0.74 U
2-Methylnaphthalene	9,000	0.79 UJ	2.6 J-	3.9 UJ	1.7 J-	2.2 U	2.2 U	5.4	2.3 U	0.74 UJ	0.24 J-	0.74 UJ
2-Methylphenol	120,000	0.79 U	3.6 U	3.9 U	3.9 U	2.2 U	2.2 U	4.6 U	2.3 U	0.74 U	0.78 UJ	0.74 U
2-Nitroaniline	24,000	1.6 U	7.3 U	7.8 U	7.9 U	4.4 U	4.5 U	9.2 U	4.7 U	1.5 U	1.6 UJ	1.5 U
2-Nitrophenol	--	0.79 U	3.6 U	3.9 U	3.9 U	2.2 U	2.2 U	4.6 U	2.3 U	0.74 U	0.78 UJ	0.74 U
3,3'-Dichlorobenzidine	510	0.79 UJ	3.6 UJ	3.9 UJ	3.9 UJ	2.2 UJ	2.2 UJ	4.6 UJ	2.3 UJ	0.74 UJ	0.78 UJ	0.74 UJ
3-Nitroaniline	--	1.6 U	7.3 U	7.8 U	7.9 U	4.4 U	4.5 U	9.2 U	4.7 UJ	1.5 U	1.6 UJ	1.5 U
4,6-Dinitro-2-methylphenol	200	3.2 UJ	15 UJ	16 UJ	16 UJ	8.8 U	8.9 U	18 U	9.3 U	3 UJ	3.1 UJ	3 UJ
4-Bromophenyl phenyl ether	--	0.79 U	3.6 U	3.9 U	3.9 U	2.2 U	2.2 U	4.6 U	2.3 U	0.74 U	0.78 UJ	0.74 U
4-Chloro-3-methylphenol	250,000	0.79 U	3.6 U	3.9 U	3.9 U	2.2 U	2.2 U	4.6 U	2.3 U	0.74 U	0.78 UJ	0.74 U
4-Chloroaniline	1,100	0.79 UJ	3.6 UJ	3.9 UJ	3.9 UJ	2.2 UJ	2.2 UJ	4.6 UJ	2.3 UJ	0.74 UJ	0.78 UJ	0.74 UJ
4-Chlorophenyl phenyl ether	--	0.79 UJ	3.6 UJ	3.9 UJ	3.9 UJ	2.2 U	2.2 U	4.6 U	2.3 U	0.74 UJ	0.78 UJ	0.74 UJ
4-Nitroaniline	9,800	1.6 U	7.3 U	7.8 U	7.9 U	4.4 U	4.5 U	9.2 U	4.7 UJ	1.5 U	1.6 UJ	1.5 U
4-Nitrophenol	--	1.6 U	7.3 U	7.8 U	7.9 U	4.4 U	4.5 U	9.2 U	4.7 U	1.5 U	1.6 UJ	1.5 U
Acenaphthene	140,000	0.79 U	3.6 U	3.9 U	3.9 U	2.2 U	2.2 U	4.6 U	2.3 U	0.74 U	0.78 UJ	0.74 U
Acenaphthylene	--	0.79 UJ	3.6 UJ	3.9 UJ	3.9 UJ	2.2 U	2.2 U	4.6 U	2.3 U	0.74 UJ	0.78 UJ	0.74 UJ
Anthracene	680,000	0.79 U	3.6 U	3.9 U	3.9 U	2.2 U	2.2 U	4.6 U	2.3 U	0.74 U	0.78 UJ	0.74 U
Benzo[a]anthracene	2,100	0.79 UJ	3.6 UJ	3.9 UJ	3.9 UJ	2.2 U	2.2 U	4.6 U	2.3 U	0.74 UJ	0.78 UJ	0.74 UJ
Benzo[a]pyrene	670	0.79 U	3.6 U	3.9 U	3.9 U	2.2 U	2.2 U	4.6 U	2.3 U	0.74 U	0.78 UJ	0.74 U
Benzo[b]fluoranthene	2,100	0.79 U	3.6 U	3.9 U	3.9 U	2.2 U	2.2 U	4.6 U	2.3 U	0.74 U	0.78 UJ	0.74 U
Benzo[g,h,i]perylene	--	0.79 U	3.6 U	3.9 U	3.9 U	2.2 U	2.2 U	4.6 U	2.3 U	0.74 U	0.78 UJ	0.74 U
Benzo[k]fluoranthene	21,000	0.79 U	3.6 U	3.9 U	3.9 U	2.2 U	2.2 U	4.6 U	2.3 U	0.74 U	0.78 UJ	0.74 U
Bis(2-chloroethoxy)methane	7,400	0.79 U	3.6 U	3.9 U	3.9 U	2.2 U	2.2 U	4.6 U	2.3 U	0.74 U	0.78 UJ	0.74 U
Bis(2-chloroethyl)ether	100	0.79 U	3.6 U	3.9 U	3.9 U	2.2 U	2.2 U	4.6 U	2.3 U	0.74 U	0.78 UJ	0.74 U
Bis(2-ethylhexyl) phthalate	16,000	1.2 U	5.5 U	5.8 U	5.9 U	3.3 U	3.4 U	6.9 U	3.5 U	1.1 U	1.2 UJ	1.1 U
Butyl benzyl phthalate	120,000	0.79 U	3.6 U	3.9 U	3.9 U	2.2 U	2.2 U	4.6 U	2.3 U	0.74 U	0.78 UJ	0.74 U
Carbazole	--	0.79 U	3.6 U	3.9 U	3.9 U	2.2 U	2.2 U	4.6 U	2.3 U	0.74 U	0.78 UJ	0.74 U
Chrysene	210,000	0.79 UJ	3.6 UJ	3.9 UJ	3.9 UJ	2.2 U	2.2 U	1.5 J	2.3 U	0.74 UJ	0.78 UJ	0.74 UJ
Dibenz(a,h)anthracene	210	0.79 U	3.6 U	3.9 U	3.9 U	2.2 U	2.2 U	4.6 U	2.3 U	0.74 U	0.78 UJ	0.74 U
Dibenzofuran	3,500	0.79 UJ	3.6 UJ	3.9 UJ	3.9 UJ	2.2 U	2.2 U	2.4 J	2.3 U	0.74 UJ	0.78 UJ	0.74 UJ
Diethyl phthalate	2,000,000	0.79 UJ	3.6 UJ	3.9 UJ	3.9 UJ	2.2 U	2.2 U	4.6 U	2.3 U	0.74 UJ	0.78 UJ	0.74 UJ
Dimethyl phthalate	--	0.79 UJ	3.6 UJ	3.9 UJ	3.9 UJ	2.2 U	2.2 U	4.6 U	2.3 U	0.74 UJ	0.78 UJ	0.74 UJ
Di-n-butyl phthalate	250,000	0.79 U	3.6 U	3.9 U	3.9 U	2.2 U	2.2 U	4.6 U	2.3 U	0.74 U	0.78 UJ	0.74 U
Di-n-octyl phthalate	25,000	1.2 U	5.5 U	5.8 U	5.9 U	3.3 U	3.4 U	6.9 U	3.5 U	1.1 U	1.2 UJ	1.1 U
Fluoranthene	90,000	0.79 U	1.2 J	3.9 U	3.9 U	2.2 U	1.4 J	2.1 J	2.3 U	0.74 U	0.78 UJ	0.74 U
Fluorene	90,000	0.79 UJ	3.6 UJ	3.9 UJ	3.9 UJ	2.2 U	2.2 U	4.6 U	2.3 U	0.74 UJ	0.78 UJ	0.74 UJ
Hexachlorobenzene	96	0.79 U	3.6 U	3.9 U	3.9 U	2.2 U	2.2 U	4.6 U	2.3 U	0.74 U	0.78 UJ	0.74 U
Hexachlorobutadiene	530	0.79 UJ	3.6 UJ	3.9 UJ	3.9 UJ	2.2 U	2.2 U	4.6 U	2.3 UJ	0.74 UJ	0.78 UJ	0.74 UJ
Hexachlorocyclopentadiene	22	0.79 U	3.6 U	3.9 U	3.9 U	2.2 U	2.2 U	4.6 U	2.3 U	0.74 U	0.78 UJ	0.74 U
Hexachloroethane	800	0.79 U	3.6 U	3.9 U	3.9 U	2.2 U	2.2 U	4.6 U	2.3 U	0.74 U	0.78 UJ	0.74 U
Indeno[1,2,3-cd]pyrene	2,100	0.79 U	3.6 U	3.9 U	3.9 U	2.2 U	2.2 U	4.6 U	2.3 U	0.74 U	0.78 UJ	0.74 U
Isophorone	240,000	0.79 U	3.6 U	3.9 U	3.9 U	2.2 U	2.2 U	4.6 U	2.3 U	0.74 U	0.78 UJ	0.74 U
Naphthalene	860	0.79 UJ	1.2 J-	3.9 UJ	3.9 UJ	2.2 U	2.2 U	2.5 J	2.3 U	0.74 UJ	0.78 UJ	0.74 UJ
Nitrobenzene	2,200	0.79 U	3.6 U	3.9 U	3.9 U	2.2 U	2.2 U	4.6 U	2.3 U	0.74 U	0.78 UJ	0.74 U
N-Nitrosodi-n-propylamine	33	0.79 U	3.6 U	3.9 U	3.9 U	2.2 U	2.2 U	4.6 U	2.3 U	0.74 U	0.78 UJ	0.74 U
N-Nitrosodiphenylamine	47,000	0.79 UJ	3.6 UJ	3.9 UJ	3.9 UJ	2.2 U	2.2 U	4.6 U	2.3 U	0.74 UJ	0.78 UJ	0.74 UJ
Pentachlorophenol	400	3.2 U	15 U	16 U	16 U	8.8 U	8.9 U	18 U	9.3 U	3 U	3.1 UJ	3 U
Phenanthrene	--	0.79 U	1.9 J	3.9 U	1.4 J	2.2 U	2.2 U	4.2 J	2.3 U	0.74 U	0.78 UJ	0.74 U
Phenol	740,000	0.79 U	3.6 U	3.9 U	3.9 U	2.2 U	2.2 U	4.6 U	2.3 U	0.74 U	0.78 UJ	0.74 U
Pyrene	68,000	0.79 U	3.6 U	3.9 U	3.9 U	2.2 U	2.2 U	1.6 J	2.3 U	0.74 U	0.78 UJ	0.74 U

Notes:
Bolded results indicate concentrations above the EPA
BT Bauer Tailings
DUP Field duplicate sample
EPA United States Environmental Protection Age
GS Grid Sample
J Concentration is estimated
J- Concentration is estimated, biased low
mg/kg Milligrams per kilogram
RML Removal Management Level
U Analyte was not detected
UJ Analyte was not detected due to deficiencies

Table 4 - Monitoring Well Data

Monitoring Well ID	Depth to Water (feet)	Total Well Depth (feet)	GPS Coordinates
MW-01	Dry	**	40.47463, -112.36292
MW-02	Dry	85.2	40.475044, -112.363823
MW-03	Dry	**	40.475017, -112.363844
MW-04	Dry	**	40.476074, -112.363876
MW-05	Dry	97.2	40.476489, -112.363305
MW-06	104.90	> 151.5	40.47573, -112.360112
Abandoned Well	118.72	> 151.5	40.476532, -112.363721

Notes:

** Obstruction within well, prohibiting accurate total well depth

GPS Global Positioning System

ID Identification

MW Monitoring well

ENCLOSURE 3

LABORATORY ANALYTICAL PACKAGE AND DATA VALIDATION REPORT

(665 Pages)

Wednesday, March 16, 2022

Kathleen Knox
Tetra Tech
1560 Broadway
Denver, CO 80202

Re: ALS Workorder: 2203068
Project Name: Bauer Tailings Reassessment
Project Number: 103X903520F0071211202

Dear Ms. Knox:

Ten soil samples were received from Tetra Tech, on 3/3/2022. The samples were scheduled for the following analysis:

Metals	pages 1-134

The results for these analyses are contained in the enclosed reports.

The data contained in the following report have been reviewed and approved by the personnel listed below. In addition, ALS certifies that the analyses reported herein are true, complete and correct within the limits of the methods employed. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Environmental.

Thank you for your confidence in ALS Environmental. Should you have any questions, please call.

Sincerely,

ALS Environmental
Katie M. OBrien
Project Manager

Accreditations: ALS Environmental – Fort Collins is accredited by the following accreditation bodies for various testing scopes in accordance with requirements of each accreditation body. All testing is performed under the laboratory management system, which is maintained to meet these requirement and regulations. Please contact the laboratory or accreditation body for the current scope testing parameters.

ALS Environmental – Fort Collins	
Accreditation Body	License or Certification Number
Arizona	AZ0828
California (CA)	2926
Colorado (CO)	CO01099
Florida (FL)	E87914
Idaho (ID)	CO01099
Kansas (KS)	E-10381
Kentucky (KY)	90137
Oklahoma	1301
PJLA (DoD ELAP/ISO 170250)	95377
PJLA (DOE-AP/ISO 17025)	95377
Maryland (MD)	285
Missouri (MO)	175
Nebraska(NE)	NE-OS-24-13
Nevada (NV)	CO010992018-1
New York (NY)	12036
North Dakota (ND)	R-057
Oklahoma (OK)	1301
Pennsylvania (PA)	68-03116
Tennessee (TN)	TN02976
Texas (TX)	T104704241
Utah (UT)	CO01099
Washington (WA)	C1280
Virginia	460305

40 CFR Part 136: All analyses for Clean Water Act samples are analyzed using the 40 CFR Part 136 specified method and include all the QC requirements.

ALS -- Fort Collins

Sample Number(s) Cross-Reference Table

OrderNum: 2203068
Client Name: Tetra Tech
Client Project Name: Bauer Tailings Reassessment
Client Project Number: 103X903520F0071211202
Client PO Number:

Client Sample Number	Lab Sample Number	COC Number	Matrix	Date Collected	Time Collected
BT-GS-J10	2203068-1		SOIL	22-Feb-22	9:09
BT-GS-J11	2203068-2		SOIL	22-Feb-22	9:19
BT-GS-K12	2203068-3		SOIL	22-Feb-22	14:23
BT-GS-K14	2203068-4		SOIL	22-Feb-22	13:31
BT-GS-I18	2203068-5		SOIL	22-Feb-22	15:48
BT-GS-I21	2203068-6		SOIL	22-Feb-22	14:24
BT-GS-I16	2203068-7		SOIL	22-Feb-22	13:00
BT-GS-I20	2203068-8		SOIL	22-Feb-22	14:30
BT-GS-J15	2203068-9		SOIL	22-Feb-22	11:45
BT-GS-J15-DUP	2203068-10		SOIL	22-Feb-22	11:46

ALS Environmental

225 Commerce Drive, Fort Collins, Colorado 80524
TF: (800) 443-1511 PH: (970) 490-1511 FX: (970) 490-1522

Chain-of-Custody

Form 202r8

WORKORDER #: 2203068

PROJECT NAME	Bauer Tailing Reas.	SAMPLER	TL START	DATE	3/3/22	PAGE	1 of 1
PROJECT No.	2083-2112-03	SITE ID	2083-2112-03	TURNAROUND	Standard	DISPOSAL	By Lab or Return to Client
		EDD FORMAT					
		PURCHASE ORDER					
COMPANY NAME	Tetra Tech	BILL TO COMPANY	Tetra Tech				
SEND REPORT TO	Kathleen Knox	INVOICE ATTN TO	Bruce Welch				
ADDRESS	1560 Broadway	ADDRESS					
CITY / STATE / ZIP	Denver CO 80202	CITY / STATE / ZIP					
PHONE	815 861 8579	PHONE	708-262-3578				
FAX		FAX					
E-MAIL	Kathleen.Knox@tetratech.com	E-MAIL	Bruce.Welch@tetratech.com				

Lab ID	Field ID	Matrix	Sample Date	Sample Time	# Bottles	Pres.	QC	TAL metal	Mercury
1	BT-GS-J10	Soil	2/22/22	909	2			✓	✓
2	BT-GS-J11			919					
3	BT-GS-K12			1423					
4	BT-GS-K14			1331					
5	BT-GS-I18			1548					
6	BT-GS-I21			1424					
7	BT-GS-I16			1300					
8	BT-GS-I20			1430					
9	BT-GS-J15			1145					
10	BT-GS-J15-DUP	↓	↓	1146	↓			↓	↓

*Time Zone (Circle): EST CST (MST) PST Matrix: O = oil S = soil NS = non-soil solid W = water L = liquid E = extract F = filter

For metals or anions, please detail analytes below.

Comments:	QC PACKAGE (check below)	
6.9 C	✓	LEVEL II (Standard QC)
		LEVEL III (Std QC + forms)
		LEVEL IV (Std QC + forms + raw data)

Preservative Key: 1-HCl 2-HNO3 3-H2SO4 4-NaOH 5-NaHSO4 7-Other 8-4 degrees C 9-5035

	SIGNATURE	PRINTED NAME	DATE	TIME
RELINQUISHED BY	Sarah Komma	Sarah Komma	3-3-22	1638
RECEIVED BY	Claire Thennes	Claire Thennes	3-3-22	1638
RELINQUISHED BY				
RECEIVED BY				
RELINQUISHED BY				
RECEIVED BY				

ALS Environmental - Fort Collins
CONDITION OF SAMPLE UPON RECEIPT FORM

Client: TETRA TECH Workorder No: 2203068

Project Manager: KMO Initials: AXK Date: 03/03/2022

		N/A	YES	NO
1.	Are airbills / shipping documents present and/or removable?	X		
	Tracking number:			
2.	Are custody seals on shipping containers intact?	X		
3.	Are custody seals on sample containers intact?	X		
4.	Is there a COC (chain-of-custody) present?		X	
5.	Is the COC in agreement with samples received? (IDs, dates, times, # of samples, # of containers, matrix, requested analyses, etc.)		X	
6.	Are short-hold samples present?			X
7.	Are all samples within holding times for the requested analyses?			
8.	Were all sample containers received intact? (not broken or leaking)		X	
9.	Is there sufficient sample for the requested analyses?		X	
10.	Are samples in proper containers for requested analyses? (form 250, *Sample Handling Guidelines*)		X	
11.	Are all aqueous samples preserved correctly, if required? (excluding volatiles)	X		
12.	Are all samples requiring no headspace (VOC, GRO, RSK/MEE, radon) free of bubbles > 6 mm (1/4 inch) diameter? (i.e. size of green pea)	X		
13.	Were the samples shipped on ice?		X	
14.	Were cooler temperatures measured at 0.1-6.0°C? IR gun used*: #5	RAD ONLY		X

Cooler #:	1						
Temperature (°C):	6.9						
# of custody seals on cooler:	0						
External µR/hr reading:	-						
Background µR/hr reading:	11						

Were external µR/hr readings ≤ two times background and within DOT acceptance criteria? NA (If no, see Form 008.)

* Please provide details here for NO responses to boxes above - for 2 thru 5 & 7 thru 12, notify PM & continue w/ login.

Were unpreserved bottles pH checked? NA All client bottle ID's vs ALS lab ID's double-checked by: AK

If applicable, was the client contacted? YES / NO / NA Contact: _____ Date/Time: _____

Project Manager Signature / Date: _____ 3/08/22

Form 201r29.xls
(10/15/2019)

*IR Gun #3, VWR SN 170647571
*IR Gun #5, VWR SN 192272629

Metals

Case Narrative

Tetra Tech

Bauer Tailings Reassessment -- 103X903520F0071211202

Work Order Number: 2203068

1. This report consists of 10 soil samples.

2. The samples were received cool and intact by ALS on 03/03/22.

3. The samples were prepared and analyzed based on SW-846, 3rd Edition procedures.

   For analysis by ICP-MS, the soil samples were digested following method 3050B and SOP 806 Rev. 15.

   For analysis by Cold Vapor AA (CVAA), the soil samples were digested following method 7471B and the current revision of SOP 812.

4. Analysis by ICP-MS followed method 6020B and the current revision of SOP 827.

   Soil analysis by CVAA followed method 7471B and the current revision of SOP 812.

5. All standards and solutions are NIST traceable and were used within their recommended shelf life.

6. The samples were prepared and analyzed within the established hold times.

All in house quality control procedures were followed, as described below.

7. General quality control procedures.

   - A preparation (method) blank, laboratory control sample and laboratory control sample duplicate were digested and analyzed with the samples in each applicable digestion batch.
   - The preparation (method) blank associated with each digestion batch was below the reporting limit for the requested analytes.

- All laboratory control sample criteria were met.
- All initial and continuing calibration blanks were below the reporting limit for the requested analytes.
- All initial and continuing calibration verifications were within the acceptance criteria for the requested analytes.
- The interference check samples associated with Method 6020B were analyzed.

8. Matrix specific quality control procedures.

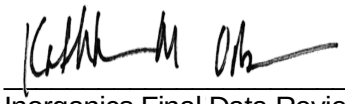
   Sample 2203068-1 was designated as the quality control sample for the mercury analysis. Due to limited sample volume, a laboratory control sample duplicate (LCSD) was performed in place of matrix QC for the ICPMS analysis.

   Similarity of matrix and therefore relevance of the QC results should not be automatically inferred for any sample other than the native sample selected for QC.

   - A matrix spike was digested and analyzed with the mercury batch. All acceptance criteria for accuracy and precision were met.

9. It is a standard practice that samples for ICP-MS are analyzed at a dilution. The samples were further diluted in order to bring lead into the analytical range of the instrument.

The data contained in the following report have been reviewed and approved by the personnel listed below. In addition, ALS certifies that the analyses reported herein are true, complete and correct within the limits of the methods employed.



Inorganics Final Data Reviewer

3/16/22

Date

Inorganic Data Reporting Qualifiers

The following qualifiers are used by the laboratory when reporting results of inorganic analyses.

- Result qualifier -- A “J” is entered if the reported value was obtained from a reading that was less than the Reporting Limit but greater than or equal to the Method Detection Limit (MDL). If the analyte was analyzed for but not detected a “U” is entered. For samples, negative values are reported as non-detects (“U” flagged). For blanks, if the absolute value of the negative value is above the MDL and below the reporting limit, then the result is “J” flagged.

- QC qualifier -- Specified entries and their meanings are as follows:

  E - The reported value is estimated because of the presence of interference. An explanatory note may be included in the narrative.

  M - Duplicate injection precision was not met.

  N - Spiked sample recovery not within control limits. A post spike is analyzed for all ICP analyses when the matrix spike and or spike duplicate fail and the native sample concentration is less than four times the spike added concentration.

  Z - Spiked recovery not within control limits. An explanatory note may be included in the narrative.

  * - Duplicate analysis (relative percent difference) not within control limits.

Chain of Custody

ALS -- Fort Collins

Sample Number(s) Cross-Reference Table

OrderNum: 2203068
Client Name: Tetra Tech
Client Project Name: Bauer Tailings Reassessment
Client Project Number: 103X903520F0071211202
Client PO Number:

Client Sample Number	Lab Sample Number	COC Number	Matrix	Date Collected	Time Collected
BT-GS-J10	2203068-1		SOIL	22-Feb-22	9:09
BT-GS-J11	2203068-2		SOIL	22-Feb-22	9:19
BT-GS-K12	2203068-3		SOIL	22-Feb-22	14:23
BT-GS-K14	2203068-4		SOIL	22-Feb-22	13:31
BT-GS-I18	2203068-5		SOIL	22-Feb-22	15:48
BT-GS-I21	2203068-6		SOIL	22-Feb-22	14:24
BT-GS-I16	2203068-7		SOIL	22-Feb-22	13:00
BT-GS-I20	2203068-8		SOIL	22-Feb-22	14:30
BT-GS-J15	2203068-9		SOIL	22-Feb-22	11:45
BT-GS-J15-DUP	2203068-10		SOIL	22-Feb-22	11:46

ALS Environmental

225 Commerce Drive, Fort Collins, Colorado 80524
TF: (800) 443-1511 PH: (970) 490-1511 FX: (970) 490-1522

Chain-of-Custody

Form 202r8

WORKORDER #: 2203068

PROJECT NAME	Bauer Tailing Reas.	SAMPLER	TL START	DATE	3/3/22
PROJECT No.	2083-2112-03	SITE ID	2083-2112-03	TURNAROUND	Standard
		EDD FORMAT		PAGE	1 of 1
		PURCHASE ORDER		DISPOSAL	(By Lab) or Return to Client
COMPANY NAME	Tetra Tech	BILL TO COMPANY	Tetra Tech		
SEND REPORT TO	Kathleen Knox	INVOICE ATTN TO	Bruce Welch		
ADDRESS	1560 Broadway	ADDRESS			
CITY / STATE / ZIP	Denver CO 80202	CITY / STATE / ZIP			
PHONE	815 861 8579	PHONE	708-262-3578		
FAX		FAX			
E-MAIL	Kathleen.Knox@tetratech.com	E-MAIL	Bruce.Welch@tetratech.com		

Lab ID	Field ID	Matrix	Sample Date	Sample Time	# Bottles	Pres.	QC	TAL metals	Mercury
1	BT-GS-J10	Soil	2/22/22	909	2				
2	BT-GS-J11			919					
3	BT-GS-K12			1423					
4	BT-GS-K14			1331					
5	BT-GS-I18			1548					
6	BT-GS-I21			1424					
7	BT-GS-I16			1300					
8	BT-GS-I20			1430					
9	BT-GS-J15			1145					
10	BT-GS-J15-DUP			1146					

*Time Zone (Circle): EST CST (MST) PST Matrix: O = oil S = soil NS = non-soil solid W = water L = liquid E = extract F = filter

For metals or anions, please detail analytes below.

Comments:	6.9 °

QC PACKAGE (check below)	
✓	LEVEL II (Standard QC)
	LEVEL III (Std QC + forms)
	LEVEL IV (Std QC + forms + raw data)

Preservative Key: 1-HCl 2-HNO3 3-H2SO4 4-NaOH 5-NaHSO4 7-Other 8-4 degrees C 9-5035

	SIGNATURE	PRINTED NAME	DATE	TIME
RELINQUISHED BY	Sarah Komma	Sarah Komma	3-3-22	1638
RECEIVED BY	Claire Thennes	Claire Thennes	3-3-22	1638
RELINQUISHED BY				
RECEIVED BY				
RELINQUISHED BY				
RECEIVED BY				

ALS Environmental - Fort Collins
CONDITION OF SAMPLE UPON RECEIPT FORM

Client: TETRA TECH Workorder No: 2203068

Project Manager: KMO Initials: AXK Date: 03/03/2022

		N/A	YES	NO
1.	Are airbills / shipping documents present and/or removable?	X		
	Tracking number:			
2.	Are custody seals on shipping containers intact?	X		
3.	Are custody seals on sample containers intact?	X		
4.	Is there a COC (chain-of-custody) present?		X	
5.	Is the COC in agreement with samples received? (IDs, dates, times, # of samples, # of containers, matrix, requested analyses, etc.)		X	
6.	Are short-hold samples present?			X
7.	Are all samples within holding times for the requested analyses?			
8.	Were all sample containers received intact? (not broken or leaking)		X	
9.	Is there sufficient sample for the requested analyses?		X	
10.	Are samples in proper containers for requested analyses? (form 250, *Sample Handling Guidelines*)		X	
11.	Are all aqueous samples preserved correctly, if required? (excluding volatiles)	X		
12.	Are all samples requiring no headspace (VOC, GRO, RSK/MEE, radon) free of bubbles > 6 mm (1/4 inch) diameter? (i.e. size of green pea)	X		
13.	Were the samples shipped on ice?		X	
14.	Were cooler temperatures measured at 0.1-6.0°C? IR gun used*: #5	RAD ONLY		X

Cooler #:	1						
Temperature (°C):	6.9						
# of custody seals on cooler:	0						
External µR/hr reading:	-						
Background µR/hr reading:	11						

Were external µR/hr readings ≤ two times background and within DOT acceptance criteria? NA (If no, see Form 008.)

* Please provide details here for NO responses to boxes above - for 2 thru 5 & 7 thru 12, notify PM & continue w/ login.

Were unpreserved bottles pH checked? NA All client bottle ID's vs ALS lab ID's double-checked by: AK

If applicable, was the client contacted? YES / NO / NA Contact: _____ Date/Time: _____

Project Manager Signature / Date: _____ 3/08/22

Form 201r29.xls
(10/15/2019)

*IR Gun #3, VWR SN 170647571
*IR Gun #5, VWR SN 192272629

Sample Results

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2203068

Client Name: Tetra Tech

ClientProject ID: Bauer Tailings Reassessment 103X903520F0071211202

Field ID: BT-GS-J10
Lab ID: 2203068-1

Analysis ReqCode: TAL Metals & Me

Sample Matrix: SOIL
% Moisture: 10.6
Date Collected: 22-Feb-22
Date Extracted: 10-Mar-22
Date Analyzed: 11-Mar-22
Prep Method: SW3050 Rev B

Prep Batch: IP220310-1
QCBatchID: IP220310-1-1
Run ID: IM220311-10A5
Cleanup: NONE
Basis: Dry Weight
File Name: 014SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.011 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	5200		17	7.2
7440-36-0	ANTIMONY	10	4.1		0.11	0.02
7440-38-2	ARSENIC	10	790		0.22	0.054
7440-39-3	BARIUM	10	84		0.55	0.25
7440-41-7	BERYLLIUM	10	0.41		0.055	0.0055
7440-43-9	CADMIUM	10	10		0.22	0.024
7440-70-2	CALCIUM	10	20000		110	19
7440-47-3	CHROMIUM	10	9.1		1.1	0.61
7440-48-4	COBALT	10	4.1		0.55	0.035
7440-50-8	COPPER	10	92		2.2	0.32
7439-89-6	IRON	10	22000		22	12
7439-92-1	LEAD	100	1300		2.2	0.73
7439-95-4	MAGNESIUM	10	4800		11	3.7
7439-96-5	MANGANESE	10	1000		0.83	0.42
7440-02-0	NICKEL	10	11		2.2	0.49
7440-09-7	POTASSIUM	10	2300		110	17
7782-49-2	SELENIUM	10	1.3		1.1	0.22
7440-22-4	SILVER	10	6.2		0.055	0.0092
7440-23-5	SODIUM	10	110	J	110	17
7440-28-0	THALLIUM	10	2		0.011	0.0028
7440-62-2	VANADIUM	10	9.6		0.55	0.14
7440-66-6	ZINC	10	1400		11	4.5

Data Package ID: *IM2203068-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2203068

Client Name: Tetra Tech

ClientProject ID: Bauer Tailings Reassessment 103X903520F0071211202

Field ID: BT-GS-J11
Lab ID: 2203068-2

Analysis ReqCode: TAL Metals & Me

Sample Matrix: SOIL
% Moisture: 14.0
Date Collected: 22-Feb-22
Date Extracted: 10-Mar-22
Date Analyzed: 11-Mar-22
Prep Method: SW3050 Rev B

Prep Batch: IP220310-1
QCBatchID: IP220310-1-1
Run ID: IM220311-10A5
Cleanup: NONE
Basis: Dry Weight
File Name: 016SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.013 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	4900		17	7.5
7440-36-0	ANTIMONY	10	4.3		0.11	0.021
7440-38-2	ARSENIC	10	870		0.23	0.056
7440-39-3	BARIUM	10	76		0.57	0.26
7440-41-7	BERYLLIUM	10	0.4		0.057	0.0057
7440-43-9	CADMIUM	10	11		0.23	0.025
7440-70-2	CALCIUM	10	18000		110	20
7440-47-3	CHROMIUM	10	9.1		1.1	0.63
7440-48-4	COBALT	10	4		0.57	0.037
7440-50-8	COPPER	10	87		2.3	0.33
7439-89-6	IRON	10	26000		23	13
7439-92-1	LEAD	100	1600		2.3	0.76
7439-95-4	MAGNESIUM	10	4800		11	3.8
7439-96-5	MANGANESE	10	1200		0.86	0.44
7440-02-0	NICKEL	10	10		2.3	0.5
7440-09-7	POTASSIUM	10	2300		110	17
7782-49-2	SELENIUM	10	1.4		1.1	0.23
7440-22-4	SILVER	10	7.5		0.057	0.0095
7440-23-5	SODIUM	10	97	J	110	17
7440-28-0	THALLIUM	10	2.8		0.011	0.0029
7440-62-2	VANADIUM	10	9.5		0.57	0.15
7440-66-6	ZINC	10	1500		11	4.7

Data Package ID: *IM2203068-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2203068

Client Name: Tetra Tech

ClientProject ID: Bauer Tailings Reassessment 103X903520F0071211202

Field ID: BT-GS-K12
Lab ID: 2203068-3

Analysis ReqCode: TAL Metals & Me

Sample Matrix: SOIL
% Moisture: 0.4
Date Collected: 22-Feb-22
Date Extracted: 10-Mar-22
Date Analyzed: 11-Mar-22
Prep Method: SW3050 Rev B

Prep Batch: IP220310-1
QCBatchID: IP220310-1-1
Run ID: IM220311-10A5
Cleanup: NONE
Basis: Dry Weight
File Name: 018SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.004 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	4900		15	6.5
7440-36-0	ANTIMONY	10	1.3		0.1	0.018
7440-38-2	ARSENIC	10	320		0.2	0.049
7440-39-3	BARIUM	10	150		0.5	0.23
7440-41-7	BERYLLIUM	10	0.4		0.05	0.005
7440-43-9	CADMIUM	10	4.5		0.2	0.022
7440-70-2	CALCIUM	10	34000		100	17
7440-47-3	CHROMIUM	10	8.1		1	0.55
7440-48-4	COBALT	10	3.4		0.5	0.032
7440-50-8	COPPER	10	39		2	0.29
7439-89-6	IRON	10	12000		20	11
7439-92-1	LEAD	100	630		2	0.66
7439-95-4	MAGNESIUM	10	4500		10	3.3
7439-96-5	MANGANESE	10	630		0.75	0.38
7440-02-0	NICKEL	10	9.5		2	0.44
7440-09-7	POTASSIUM	10	2000		100	15
7782-49-2	SELENIUM	10	1.2		1	0.2
7440-22-4	SILVER	10	2.7		0.05	0.0083
7440-23-5	SODIUM	10	480		100	15
7440-28-0	THALLIUM	10	0.54		0.01	0.0025
7440-62-2	VANADIUM	10	8.9		0.5	0.13
7440-66-6	ZINC	10	670		10	4.1

Data Package ID: *IM2203068-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2203068

Client Name: Tetra Tech

ClientProject ID: Bauer Tailings Reassessment 103X903520F0071211202

Field ID: BT-GS-K14
Lab ID: 2203068-4

Analysis ReqCode: TAL Metals & Me

Sample Matrix: SOIL
% Moisture: 15.7
Date Collected: 22-Feb-22
Date Extracted: 10-Mar-22
Date Analyzed: 11-Mar-22
Prep Method: SW3050 Rev B

Prep Batch: IP220310-1
QCBatchID: IP220310-1-1
Run ID: IM220311-10A5
Cleanup: NONE
Basis: Dry Weight
File Name: 022SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.003 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	5200		18	7.7
7440-36-0	ANTIMONY	10	2.2		0.12	0.021
7440-38-2	ARSENIC	10	400		0.24	0.058
7440-39-3	BARIUM	10	100		0.59	0.27
7440-41-7	BERYLLIUM	10	0.4		0.059	0.0059
7440-43-9	CADMIUM	10	6.1		0.24	0.026
7440-70-2	CALCIUM	10	33000		120	20
7440-47-3	CHROMIUM	10	8.3		1.2	0.65
7440-48-4	COBALT	10	3.5		0.59	0.038
7440-50-8	COPPER	10	44		2.4	0.34
7439-89-6	IRON	10	15000		24	13
7439-92-1	LEAD	100	760		2.4	0.78
7439-95-4	MAGNESIUM	10	4400		12	3.9
7439-96-5	MANGANESE	10	770		0.89	0.45
7440-02-0	NICKEL	10	9.6		2.4	0.52
7440-09-7	POTASSIUM	10	2300		120	18
7782-49-2	SELENIUM	10	1.1	J	1.2	0.24
7440-22-4	SILVER	10	3.3		0.059	0.0098
7440-23-5	SODIUM	10	270		120	18
7440-28-0	THALLIUM	10	1.2		0.012	0.003
7440-62-2	VANADIUM	10	9.7		0.59	0.15
7440-66-6	ZINC	10	830		12	4.8

Data Package ID: *IM2203068-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2203068

Client Name: Tetra Tech

ClientProject ID: Bauer Tailings Reassessment 103X903520F0071211202

Field ID: BT-GS-I18
Lab ID: 2203068-5

Analysis ReqCode: TAL Metals & Me

Sample Matrix: SOIL
% Moisture: 1.5
Date Collected: 22-Feb-22
Date Extracted: 10-Mar-22
Date Analyzed: 11-Mar-22
Prep Method: SW3050 Rev B

Prep Batch: IP220310-1
QCBatchID: IP220310-1-1
Run ID: IM220311-10A5
Cleanup: NONE
Basis: Dry Weight
File Name: 024SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.002 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	6800		15	6.6
7440-36-0	ANTIMONY	10	2.3		0.1	0.018
7440-38-2	ARSENIC	10	380		0.2	0.05
7440-39-3	BARIUM	10	110		0.51	0.23
7440-41-7	BERYLLIUM	10	0.49		0.051	0.0051
7440-43-9	CADMIUM	10	6.8		0.2	0.022
7440-70-2	CALCIUM	10	15000		100	17
7440-47-3	CHROMIUM	10	11		1	0.56
7440-48-4	COBALT	10	4.7		0.51	0.032
7440-50-8	COPPER	10	49		2	0.29
7439-89-6	IRON	10	16000		20	11
7439-92-1	LEAD	100	780		2	0.67
7439-95-4	MAGNESIUM	10	6000		10	3.3
7439-96-5	MANGANESE	10	1100		0.76	0.38
7440-02-0	NICKEL	10	11		2	0.45
7440-09-7	POTASSIUM	10	3100		100	15
7782-49-2	SELENIUM	10	1.1		1	0.2
7440-22-4	SILVER	10	3.9		0.051	0.0084
7440-23-5	SODIUM	10	110		100	15
7440-28-0	THALLIUM	10	2		0.01	0.0025
7440-62-2	VANADIUM	10	11		0.51	0.13
7440-66-6	ZINC	10	870		10	4.2

Data Package ID: *IM2203068-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2203068

Client Name: Tetra Tech

ClientProject ID: Bauer Tailings Reassessment 103X903520F0071211202

Field ID: BT-GS-I21
Lab ID: 2203068-6

Analysis ReqCode: TAL Metals & Me

Sample Matrix: SOIL
% Moisture: 1.0
Date Collected: 22-Feb-22
Date Extracted: 10-Mar-22
Date Analyzed: 11-Mar-22
Prep Method: SW3050 Rev B

Prep Batch: IP220310-1
QCBatchID: IP220310-1-1
Run ID: IM220311-10A5
Cleanup: NONE
Basis: Dry Weight
File Name: 026SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.005 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	3400		15	6.5
7440-36-0	ANTIMONY	10	2.4		0.1	0.018
7440-38-2	ARSENIC	10	470		0.2	0.049
7440-39-3	BARIUM	10	63		0.5	0.23
7440-41-7	BERYLLIUM	10	0.26		0.05	0.005
7440-43-9	CADMIUM	10	8.6		0.2	0.022
7440-70-2	CALCIUM	10	11000		100	17
7440-47-3	CHROMIUM	10	6.5		1	0.55
7440-48-4	COBALT	10	2.8		0.5	0.032
7440-50-8	COPPER	10	60		2	0.29
7439-89-6	IRON	10	15000		20	11
7439-92-1	LEAD	100	890		2	0.66
7439-95-4	MAGNESIUM	10	3700		10	3.3
7439-96-5	MANGANESE	10	1100		0.75	0.38
7440-02-0	NICKEL	10	6.7		2	0.44
7440-09-7	POTASSIUM	10	1400		100	15
7782-49-2	SELENIUM	10	0.89	J	1	0.2
7440-22-4	SILVER	10	4.7		0.05	0.0083
7440-23-5	SODIUM	10	53	J	100	15
7440-28-0	THALLIUM	10	2.1		0.01	0.0025
7440-62-2	VANADIUM	10	6.9		0.5	0.13
7440-66-6	ZINC	10	1000		10	4.1

Data Package ID: *IM2203068-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2203068

Client Name: Tetra Tech

ClientProject ID: Bauer Tailings Reassessment 103X903520F0071211202

Field ID: BT-GS-I16
Lab ID: 2203068-7

Analysis ReqCode: TAL Metals & Me

Sample Matrix: SOIL
% Moisture: 13.4
Date Collected: 22-Feb-22
Date Extracted: 10-Mar-22
Date Analyzed: 11-Mar-22
Prep Method: SW3050 Rev B

Prep Batch: IP220310-1
QCBatchID: IP220310-1-1
Run ID: IM220311-10A5
Cleanup: NONE
Basis: Dry Weight
File Name: 028SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.012 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	7900		17	7.4
7440-36-0	ANTIMONY	10	2.6		0.11	0.021
7440-38-2	ARSENIC	10	470		0.23	0.056
7440-39-3	BARIUM	10	130		0.57	0.26
7440-41-7	BERYLLIUM	10	0.6		0.057	0.0057
7440-43-9	CADMIUM	10	9.2		0.23	0.025
7440-70-2	CALCIUM	10	15000		110	19
7440-47-3	CHROMIUM	10	13		1.1	0.63
7440-48-4	COBALT	10	5.6		0.57	0.037
7440-50-8	COPPER	10	64		2.3	0.33
7439-89-6	IRON	10	20000		23	13
7439-92-1	LEAD	100	990		2.3	0.75
7439-95-4	MAGNESIUM	10	6800		11	3.8
7439-96-5	MANGANESE	10	1400		0.86	0.43
7440-02-0	NICKEL	10	14		2.3	0.5
7440-09-7	POTASSIUM	10	3800		110	17
7782-49-2	SELENIUM	10	1.7		1.1	0.23
7440-22-4	SILVER	10	5.4		0.057	0.0095
7440-23-5	SODIUM	10	160		110	17
7440-28-0	THALLIUM	10	1.8		0.011	0.0029
7440-62-2	VANADIUM	10	13		0.57	0.15
7440-66-6	ZINC	10	1200		11	4.7

Data Package ID: *IM2203068-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2203068

Client Name: Tetra Tech

ClientProject ID: Bauer Tailings Reassessment 103X903520F0071211202

Field ID: BT-GS-I20
Lab ID: 2203068-8

Analysis ReqCode: TAL Metals & Me

Sample Matrix: SOIL
% Moisture: 11.4
Date Collected: 22-Feb-22
Date Extracted: 10-Mar-22
Date Analyzed: 11-Mar-22
Prep Method: SW3050 Rev B

Prep Batch: IP220310-1
QCBatchID: IP220310-1-1
Run ID: IM220311-10A5
Cleanup: NONE
Basis: Dry Weight
File Name: 030SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.006 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	3400		17	7.3
7440-36-0	ANTIMONY	10	3.2		0.11	0.02
7440-38-2	ARSENIC	10	620		0.22	0.055
7440-39-3	BARIUM	10	59		0.56	0.26
7440-41-7	BERYLLIUM	10	0.28		0.056	0.0056
7440-43-9	CADMIUM	10	10		0.22	0.025
7440-70-2	CALCIUM	10	20000		110	19
7440-47-3	CHROMIUM	10	6.5		1.1	0.62
7440-48-4	COBALT	10	2.9		0.56	0.036
7440-50-8	COPPER	10	63		2.2	0.33
7439-89-6	IRON	10	16000		22	12
7439-92-1	LEAD	100	1100		2.2	0.74
7439-95-4	MAGNESIUM	10	5100		11	3.7
7439-96-5	MANGANESE	10	1200		0.84	0.43
7440-02-0	NICKEL	10	6.9		2.2	0.49
7440-09-7	POTASSIUM	10	1300		110	17
7782-49-2	SELENIUM	10	1.1	J	1.1	0.22
7440-22-4	SILVER	10	5.6		0.056	0.0093
7440-23-5	SODIUM	10	61	J	110	17
7440-28-0	THALLIUM	10	2.7		0.011	0.0028
7440-62-2	VANADIUM	10	7.3		0.56	0.15
7440-66-6	ZINC	10	1300		11	4.6

Data Package ID: *IM2203068-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2203068

Client Name: Tetra Tech

ClientProject ID: Bauer Tailings Reassessment 103X903520F0071211202

Field ID: BT-GS-J15
Lab ID: 2203068-9

Analysis ReqCode: TAL Metals & Me

Sample Matrix: SOIL
% Moisture: 14.3
Date Collected: 22-Feb-22
Date Extracted: 10-Mar-22
Date Analyzed: 11-Mar-22
Prep Method: SW3050 Rev B

Prep Batch: IP220310-1
QCBatchID: IP220310-1-1
Run ID: IM220311-10A5
Cleanup: NONE
Basis: Dry Weight
File Name: 034SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	4600		18	7.6
7440-36-0	ANTIMONY	10	2.7		0.12	0.021
7440-38-2	ARSENIC	10	660		0.23	0.057
7440-39-3	BARIUM	10	97		0.58	0.27
7440-41-7	BERYLLIUM	10	0.36		0.058	0.0058
7440-43-9	CADMIUM	10	11		0.23	0.026
7440-70-2	CALCIUM	10	8000		120	20
7440-47-3	CHROMIUM	10	8		1.2	0.64
7440-48-4	COBALT	10	3.3		0.58	0.037
7440-50-8	COPPER	10	61		2.3	0.34
7439-89-6	IRON	10	18000		23	13
7439-92-1	LEAD	100	1200		2.3	0.77
7439-95-4	MAGNESIUM	10	3800		12	3.9
7439-96-5	MANGANESE	10	1400		0.88	0.44
7440-02-0	NICKEL	10	8.5		2.3	0.51
7440-09-7	POTASSIUM	10	2400		120	18
7782-49-2	SELENIUM	10	1.5		1.2	0.23
7440-22-4	SILVER	10	5.7		0.058	0.0097
7440-23-5	SODIUM	10	510		120	18
7440-28-0	THALLIUM	10	1.9		0.012	0.0029
7440-62-2	VANADIUM	10	8.8		0.58	0.15
7440-66-6	ZINC	10	1400		12	4.8

Data Package ID: *IM2203068-1*

Total ICPMS Metals

Method SW6020B

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2203068

Client Name: Tetra Tech

ClientProject ID: Bauer Tailings Reassessment 103X903520F0071211202

Field ID: BT-GS-J15-DUP
Lab ID: 2203068-10

Analysis ReqCode: TAL Metals & Me

Sample Matrix: SOIL
% Moisture: 15.3
Date Collected: 22-Feb-22
Date Extracted: 10-Mar-22
Date Analyzed: 11-Mar-22
Prep Method: SW3050 Rev B

Prep Batch: IP220310-1
QCBatchID: IP220310-1-1
Run ID: IM220311-10A5
Cleanup: NONE
Basis: Dry Weight
File Name: 036SMPL.

Analyst: Jill M. Latelle
Sample Aliquot: 1.016 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	4800		17	7.6
7440-36-0	ANTIMONY	10	2.4		0.12	0.021
7440-38-2	ARSENIC	10	600		0.23	0.057
7440-39-3	BARIUM	10	110		0.58	0.27
7440-41-7	BERYLLIUM	10	0.4		0.058	0.0058
7440-43-9	CADMIUM	10	9.7		0.23	0.026
7440-70-2	CALCIUM	10	8800		120	20
7440-47-3	CHROMIUM	10	8.7		1.2	0.64
7440-48-4	COBALT	10	3.5		0.58	0.037
7440-50-8	COPPER	10	60		2.3	0.34
7439-89-6	IRON	10	18000		23	13
7439-92-1	LEAD	100	1100		2.3	0.77
7439-95-4	MAGNESIUM	10	4100		12	3.8
7439-96-5	MANGANESE	10	1300		0.87	0.44
7440-02-0	NICKEL	10	9.3		2.3	0.51
7440-09-7	POTASSIUM	10	2700		120	17
7782-49-2	SELENIUM	10	1.5		1.2	0.23
7440-22-4	SILVER	10	5.3		0.058	0.0096
7440-23-5	SODIUM	10	470		120	17
7440-28-0	THALLIUM	10	2.1		0.012	0.0029
7440-62-2	VANADIUM	10	9.1		0.58	0.15
7440-66-6	ZINC	10	1300		12	4.8

Data Package ID: *IM2203068-1*

Total MERCURY

Method SW7471B

Sample Results

Lab Name: ALS -- Fort Collins
Client Name: Tetra Tech
Client Project ID: Bauer Tailings Reassessment 103X903520F0071211202
Work Order Number: 2203068 **Final Volume:** 100 ml
Reporting Basis: Dry Weight **Matrix:** SOIL
Analyst: James S. Dowdell **Result Units:** MG/KG

Client Sample ID	Lab ID	Date Collected	Date Prepared	Date Analyzed	Percent Moisture	Dilution Factor	Result	RptLimit/ LOQ/LOD	MDL/DL	Flag	Sample Aliquot
BT-GS-J10	2203068-1	2/22/2022	3/8/2022	03/08/2022	10.58	1	0.083	0.033	0.0041		0.687 g
BT-GS-J11	2203068-2	2/22/2022	3/8/2022	03/08/2022	13.95	1	0.14	0.036	0.0046		0.637 g
BT-GS-K12	2203068-3	2/22/2022	3/8/2022	03/08/2022	0.405	1	0.053	0.03	0.0038		0.666 g
BT-GS-K14	2203068-4	2/22/2022	3/8/2022	03/08/2022	15.66	1	0.059	0.037	0.0047		0.638 g
BT-GS-I18	2203068-5	2/22/2022	3/8/2022	03/08/2022	1.469	1	0.067	0.033	0.0041		0.619 g
BT-GS-I21	2203068-6	2/22/2022	3/8/2022	03/08/2022	1.004	1	0.063	0.03	0.0038		0.671 g
BT-GS-I16	2203068-7	2/22/2022	3/8/2022	03/08/2022	13.39	1	0.095	0.037	0.0047		0.623 g
BT-GS-I20	2203068-8	2/22/2022	3/8/2022	03/08/2022	11.42	1	0.092	0.036	0.0045		0.629 g
BT-GS-J15	2203068-9	2/22/2022	3/8/2022	03/08/2022	14.32	1	0.098	0.038	0.0048		0.61 g
BT-GS-J15-DUP	2203068-10	2/22/2022	3/8/2022	03/08/2022	15.33	1	0.097	0.038	0.0048		0.618 g

Comments:

1. ND or U = Not Detected at or above the client requested detection limit.

Data Package ID: *HG2203068-1*

Summary Report Forms

ICPMS Metals

Method SW6020B

Method Blank

Lab Name: ALS -- Fort Collins

Work Order Number: 2203068

Client Name: Tetra Tech

ClientProject ID: Bauer Tailings Reassessment 103X903520F0071211202

Lab ID: IP220310-1MB

Sample Matrix: SOIL
% Moisture: N/A
Date Collected: N/A
Date Extracted: 10-Mar-22
Date Analyzed: 11-Mar-22

Prep Batch: IP220310-1
QCBatchID: IP220310-1-1
Run ID: IM220311-10A5
Cleanup: NONE
Basis: N/A
File Name: 0096CCB.

Sample Aliquot: 1 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	DF	Result	Result Qualifier	Reporting Limit	MDL
7429-90-5	ALUMINUM	10	6.5	U	15	6.5
7440-36-0	ANTIMONY	10	0.018	U	0.1	0.018
7440-38-2	ARSENIC	10	0.049	U	0.2	0.049
7440-39-3	BARIUM	10	0.23	U	0.5	0.23
7440-41-7	BERYLLIUM	10	0.005	U	0.05	0.005
7440-43-9	CADMIUM	10	0.022	U	0.2	0.022
7440-70-2	CALCIUM	10	17	U	100	17
7440-47-3	CHROMIUM	10	0.55	U	1	0.55
7440-48-4	COBALT	10	0.032	U	0.5	0.032
7440-50-8	COPPER	10	0.29	U	2	0.29
7439-89-6	IRON	10	11	U	20	11
7439-92-1	LEAD	10	0.066	U	0.2	0.066
7439-95-4	MAGNESIUM	10	3.3	U	10	3.3
7439-96-5	MANGANESE	10	0.38	U	0.75	0.38
7440-02-0	NICKEL	10	0.44	U	2	0.44
7440-09-7	POTASSIUM	10	15	U	100	15
7782-49-2	SELENIUM	10	0.2	U	1	0.2
7440-22-4	SILVER	10	0.0083	U	0.05	0.0083
7440-23-5	SODIUM	10	15	U	100	15
7440-28-0	THALLIUM	10	-0.007	J	0.01	0.0025
7440-62-2	VANADIUM	10	0.13	U	0.5	0.13
7440-66-6	ZINC	10	4.1	U	10	4.1

Data Package ID: *IM2203068-1*

ICPMS Metals

Method SW6020B

Laboratory Control Sample and Laboratory Control Sample Duplicate

Lab Name: ALS -- Fort Collins

Work Order Number: 2203068

Client Name: Tetra Tech

ClientProject ID: Bauer Tailings Reassessment 103X903520F0071211202

Lab ID: IM220310-1LCS

Sample Matrix: SOIL
% Moisture: N/A
Date Collected: N/A
Date Extracted: 03/10/2022
Date Analyzed: 03/11/2022
Prep Method: SW3050B

Prep Batch: IP220310-1
QCBatchID: IP220310-1-1
Run ID: IM220311-10A5
Cleanup: NONE
Basis: N/A
File Name: 011_LCS.

Sample Aliquot: 1 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
7429-90-5	ALUMINUM	500	505	15		101	80 - 120%
7440-36-0	ANTIMONY	3	2.92	0.1		97	80 - 120%
7440-38-2	ARSENIC	10	10.1	0.2		101	80 - 120%
7440-39-3	BARIUM	10	9.48	0.5		95	80 - 120%
7440-41-7	BERYLLIUM	5	4.94	0.05		99	80 - 120%
7440-43-9	CADMIUM	3	2.9	0.2		97	80 - 120%
7440-70-2	CALCIUM	1000	1040	100		104	80 - 120%
7440-47-3	CHROMIUM	50	49.5	1		99	80 - 120%
7440-48-4	COBALT	10	10.6	0.5		106	80 - 120%
7440-50-8	COPPER	100	108	2		108	80 - 120%
7439-89-6	IRON	500	452	20		90	80 - 120%
7439-92-1	LEAD	5	5.05	0.2		101	80 - 120%
7439-95-4	MAGNESIUM	1000	980	10		98	80 - 120%
7439-96-5	MANGANESE	10	9.53	0.75		95	80 - 120%
7440-02-0	NICKEL	50	51.6	2		103	80 - 120%
7440-09-7	POTASSIUM	500	468	100		94	80 - 120%
7782-49-2	SELENIUM	10	10	1		100	80 - 120%
7440-22-4	SILVER	1	1.01	0.05		101	80 - 120%
7440-23-5	SODIUM	1000	993	100		99	80 - 120%
7440-28-0	THALLIUM	0.2	0.192	0.01		96	80 - 120%
7440-62-2	VANADIUM	10	9.25	0.5		92	80 - 120%
7440-66-6	ZINC	200	200	10		100	80 - 120%

Data Package ID: *IM2203068-1*

ICPMS Metals

Method SW6020B

Laboratory Control Sample and Laboratory Control Sample Duplicate

Lab Name: ALS -- Fort Collins
Work Order Number: 2203068
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Reassessment 103X903520F0071211202

Lab ID: IM220310-1LCSD

Sample Matrix: SOIL
% Moisture: N/A
Date Collected: N/A
Date Extracted: 03/10/2022
Date Analyzed: 03/11/2022
Prep Method: SW3050B

Prep Batch: IP220310-1
QCBatchID: IP220310-1-1
Run ID: IM220311-10A5
Cleanup: NONE
Basis: N/A
File Name: 012_LCS.

Sample Aliquot: 1 g
Final Volume: 100 ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Spike Added	LCSD Result	Reporting Limit	Result Qualifier	LCSD % Rec.	RPD Limit	RPD
7429-90-5	ALUMINUM	500	499	15		100	20	1
7440-36-0	ANTIMONY	3	2.99	0.1		100	20	2
7440-38-2	ARSENIC	10	10.1	0.2		101	20	0
7440-39-3	BARIUM	10	9.63	0.5		96	20	2
7440-41-7	BERYLLIUM	5	4.9	0.05		98	20	1
7440-43-9	CADMIUM	3	2.98	0.2		99	20	3
7440-70-2	CALCIUM	1000	1030	100		103	20	1
7440-47-3	CHROMIUM	50	50.3	1		101	20	2
7440-48-4	COBALT	10	10.6	0.5		106	20	0
7440-50-8	COPPER	100	110	2		110	20	2
7439-89-6	IRON	500	457	20		91	20	1
7439-92-1	LEAD	5	5.03	0.2		101	20	0
7439-95-4	MAGNESIUM	1000	985	10		98	20	1
7439-96-5	MANGANESE	10	9.73	0.75		97	20	2
7440-02-0	NICKEL	50	52.4	2		105	20	2
7440-09-7	POTASSIUM	500	477	100		95	20	2
7782-49-2	SELENIUM	10	9.96	1		100	20	1
7440-22-4	SILVER	1	1.03	0.05		103	20	2
7440-23-5	SODIUM	1000	975	100		98	20	2
7440-28-0	THALLIUM	0.2	0.193	0.01		97	20	1
7440-62-2	VANADIUM	10	9.26	0.5		93	20	0
7440-66-6	ZINC	200	204	10		102	20	2

Data Package ID: *IM2203068-1*

Prep Batch ID: IP220310-1

Start Date: 03/10/22
Start Time: 9:32
Prep Analyst: Erika T. Camire

End Date: 03/10/22
End Time: 18:00

Concentration Method: NONE
Extract Method: SW3050B
Initial Volume Units: g
Final Volume Units: ml

Batch Created By: etc
Date Created: 03/10/22
Time Created: 9:32
Validated By: etc
Date Validated: 03/10/22
Time Validated: 10:18

Comments:

QC Batch ID: IP220310-1-1

Lab ID	QC Type	Field ID	Matrix	Date Collected	Initial Wt/Vol	Final Wt/Vol	Cleanup Method	Cleanup DF	Order Number
IP220310-1	MB	XXXXXX	SOIL	XXXXXX	1	100	NONE	1	2203068
IM220310-1	LCS	XXXXXX	SOIL	XXXXXX	1	100	NONE	1	2203068
IM220310-1	LCSD	XXXXXX	SOIL	XXXXXX	1	100	NONE	1	2203068
2203068-1	SMP	BT-GS-J10	SOIL	2/22/2022	1.011	100	NONE	1	2203068
2203068-10	SMP	BT-GS-J15-DUP	SOIL	2/22/2022	1.016	100	NONE	1	2203068
2203068-2	SMP	BT-GS-J11	SOIL	2/22/2022	1.013	100	NONE	1	2203068
2203068-3	SMP	BT-GS-K12	SOIL	2/22/2022	1.004	100	NONE	1	2203068
2203068-4	SMP	BT-GS-K14	SOIL	2/22/2022	1.003	100	NONE	1	2203068
2203068-5	SMP	BT-GS-I18	SOIL	2/22/2022	1.002	100	NONE	1	2203068
2203068-6	SMP	BT-GS-I21	SOIL	2/22/2022	1.005	100	NONE	1	2203068
2203068-7	SMP	BT-GS-I16	SOIL	2/22/2022	1.012	100	NONE	1	2203068
2203068-8	SMP	BT-GS-I20	SOIL	2/22/2022	1.006	100	NONE	1	2203068
2203068-9	SMP	BT-GS-J15	SOIL	2/22/2022	1	100	NONE	1	2203068

QC Types

CAR	Carrier reference sample		DLS	Detection Limit Standard	
DUP	Laboratory Duplicate		LCS	Laboratory Control Sample	
LCSD	Laboratory Control Sample Duplicate		LODV	Limit of Detection Verification	
LOQV	Limit of Quantitation Verification		MB	Method Blank	
MS	Laboratory Matrix Spike		MSD	Laboratory Matrix Spike Duplicate	
REP	Sample replicate		RVS	Reporting Level Verification Standar	
SMP	Field Sample		SYS	Sample Yield Spike	

ICPMS Metals

Method SW6020

Calibration Verifications

Lab Name: ALS -- Fort Collins

Work Order Number: 2203068

Client Name: Tetra Tech

ClientProject ID: Bauer Tailings Reassessment 103X903520F0071211202

Lab ID: ICV

QC Type: Initial Calibration

File Name: 002SMPL.

Run ID: IM220311-10A5

Date Analyzed: 03/11/2022

Time Analyzed: 12:54

Result Units: MG/L

CASNO	Target Analyte	Spike Added	Result	Reporting Limit	Result Qualifier	% Rec.	Control Limits
7429-90-5	ALUMINUM	1	1.02	0.01		102	90 - 110%
7440-36-0	ANTIMONY	0.006	0.00611	0.0001		102	90 - 110%
7440-38-2	ARSENIC	0.02	0.0195	0.0002		97	90 - 110%
7440-39-3	BARIUM	0.02	0.0191	0.0005		96	90 - 110%
7440-41-7	BERYLLIUM	0.01	0.00980	0.00005		98	90 - 110%
7440-43-9	CADMIUM	0.006	0.00591	0.0002		98	90 - 110%
7440-70-2	CALCIUM	10	9.82	0.1		98	90 - 110%
7440-47-3	CHROMIUM	0.1	0.0990	0.001		99	90 - 110%
7440-48-4	COBALT	0.02	0.0213	0.0005		107	90 - 110%
7440-50-8	COPPER	0.2	0.209	0.002		105	90 - 110%
7439-89-6	IRON	1	0.908	0.01		91	90 - 110%
7439-92-1	LEAD	0.01	0.00982	0.0002		98	90 - 110%
7439-95-4	MAGNESIUM	2	1.92	0.01		96	90 - 110%
7439-96-5	MANGANESE	0.04	0.0373	0.001		93	90 - 110%
7440-02-0	NICKEL	0.1	0.0988	0.002		99	90 - 110%
7440-09-7	POTASSIUM	10	9.02	0.1		90	90 - 110%
7782-49-2	SELENIUM	0.02	0.0196	0.001		98	90 - 110%
7440-22-4	SILVER	0.002	0.00202	0.00005		101	90 - 110%
7440-23-5	SODIUM	20	20.1	0.1		101	90 - 110%
7440-28-0	THALLIUM	0.0004	0.000400	0.000015		100	90 - 110%
7440-62-2	VANADIUM	0.02	0.0189	0.0005		94	90 - 110%
7440-66-6	ZINC	0.4	0.394	0.01		99	90 - 110%

Data Package ID: *IM2203068-1*

ICPMS Metals

Method SW6020

Calibration Verifications

Lab Name: ALS -- Fort Collins

Work Order Number: 2203068

Client Name: Tetra Tech

ClientProject ID: Bauer Tailings Reassessment 103X903520F0071211202

Lab ID: CCV1

QC Type: Continuing Calibration

File Name: 007SMPL.

Run ID: IM220311-10A5

Date Analyzed: 03/11/2022

Time Analyzed: 13:18

Result Units: MG/L

CASNO	Target Analyte	Spike Added	Result	Reporting Limit	Result Qualifier	% Rec.	Control Limits
7429-90-5	ALUMINUM	0.5	0.518	0.01		104	90 - 110%
7440-36-0	ANTIMONY	0.003	0.00300	0.0001		100	90 - 110%
7440-38-2	ARSENIC	0.01	0.00989	0.0002		99	90 - 110%
7440-39-3	BARIUM	0.01	0.00933	0.0005		93	90 - 110%
7440-41-7	BERYLLIUM	0.005	0.00490	0.00005		98	90 - 110%
7440-43-9	CADMIUM	0.003	0.00302	0.0002		101	90 - 110%
7440-70-2	CALCIUM	5	4.92	0.1		98	90 - 110%
7440-47-3	CHROMIUM	0.05	0.0492	0.001		98	90 - 110%
7440-48-4	COBALT	0.01	0.0105	0.0005		105	90 - 110%
7440-50-8	COPPER	0.1	0.106	0.002		106	90 - 110%
7439-89-6	IRON	0.5	0.481	0.01		96	90 - 110%
7439-92-1	LEAD	0.005	0.00511	0.0002		102	90 - 110%
7439-95-4	MAGNESIUM	1	0.992	0.01		99	90 - 110%
7439-96-5	MANGANESE	0.02	0.0193	0.001		96	90 - 110%
7440-02-0	NICKEL	0.05	0.0511	0.002		102	90 - 110%
7440-09-7	POTASSIUM	5	4.79	0.1		96	90 - 110%
7782-49-2	SELENIUM	0.01	0.0101	0.001		101	90 - 110%
7440-22-4	SILVER	0.001	0.00102	0.00005		102	90 - 110%
7440-23-5	SODIUM	10	9.63	0.1		96	90 - 110%
7440-28-0	THALLIUM	0.0002	0.000195	0.000015		97	90 - 110%
7440-62-2	VANADIUM	0.01	0.00943	0.0005		94	90 - 110%
7440-66-6	ZINC	0.2	0.200	0.01		100	90 - 110%

Data Package ID: *IM2203068-1*

ICPMS Metals

Method SW6020

Calibration Verifications

Lab Name: ALS -- Fort Collins

Work Order Number: 2203068

Client Name: Tetra Tech

ClientProject ID: Bauer Tailings Reassessment 103X903520F0071211202

Lab ID: CCV2

QC Type: Continuing Calibration

File Name: 0196CCV.

Run ID: IM220311-10A5

Date Analyzed: 03/11/2022

Time Analyzed: 14:08

Result Units: MG/L

CASNO	Target Analyte	Spike Added	Result	Reporting Limit	Result Qualifier	% Rec.	Control Limits
7429-90-5	ALUMINUM	0.5	0.521	0.01		104	90 - 110%
7440-36-0	ANTIMONY	0.003	0.00298	0.0001		99	90 - 110%
7440-38-2	ARSENIC	0.01	0.00987	0.0002		99	90 - 110%
7440-39-3	BARIUM	0.01	0.00935	0.0005		94	90 - 110%
7440-41-7	BERYLLIUM	0.005	0.00497	0.00005		99	90 - 110%
7440-43-9	CADMIUM	0.003	0.00297	0.0002		99	90 - 110%
7440-70-2	CALCIUM	5	4.93	0.1		99	90 - 110%
7440-47-3	CHROMIUM	0.05	0.0489	0.001		98	90 - 110%
7440-48-4	COBALT	0.01	0.0104	0.0005		104	90 - 110%
7440-50-8	COPPER	0.1	0.105	0.002		105	90 - 110%
7439-89-6	IRON	0.5	0.469	0.01		94	90 - 110%
7439-92-1	LEAD	0.005	0.00509	0.0002		102	90 - 110%
7439-95-4	MAGNESIUM	1	1.01	0.01		101	90 - 110%
7439-96-5	MANGANESE	0.02	0.0192	0.001		96	90 - 110%
7440-02-0	NICKEL	0.05	0.0502	0.002		100	90 - 110%
7440-09-7	POTASSIUM	5	4.54	0.1		91	90 - 110%
7782-49-2	SELENIUM	0.01	0.0101	0.001		101	90 - 110%
7440-22-4	SILVER	0.001	0.00101	0.00005		101	90 - 110%
7440-23-5	SODIUM	10	9.77	0.1		98	90 - 110%
7440-28-0	THALLIUM	0.0002	0.000193	0.000015		96	90 - 110%
7440-62-2	VANADIUM	0.01	0.00942	0.0005		94	90 - 110%
7440-66-6	ZINC	0.2	0.198	0.01		99	90 - 110%

Data Package ID: *IM2203068-1*

ICPMS Metals

Method SW6020

Calibration Verifications

Lab Name: ALS -- Fort Collins

Work Order Number: 2203068

Client Name: Tetra Tech

ClientProject ID: Bauer Tailings Reassessment 103X903520F0071211202

Lab ID: CCV3

QC Type: Continuing Calibration

File Name: 0316CCV.

Run ID: IM220311-10A5

Date Analyzed: 03/11/2022

Time Analyzed: 14:49

Result Units: MG/L

CASNO	Target Analyte	Spike Added	Result	Reporting Limit	Result Qualifier	% Rec.	Control Limits
7429-90-5	ALUMINUM	0.5	0.511	0.01		102	90 - 110%
7440-36-0	ANTIMONY	0.003	0.00306	0.0001		102	90 - 110%
7440-38-2	ARSENIC	0.01	0.0101	0.0002		101	90 - 110%
7440-39-3	BARIUM	0.01	0.00914	0.0005		91	90 - 110%
7440-41-7	BERYLLIUM	0.005	0.00466	0.00005		93	90 - 110%
7440-43-9	CADMIUM	0.003	0.00298	0.0002		99	90 - 110%
7440-70-2	CALCIUM	5	4.89	0.1		98	90 - 110%
7440-47-3	CHROMIUM	0.05	0.0477	0.001		95	90 - 110%
7440-48-4	COBALT	0.01	0.0105	0.0005		105	90 - 110%
7440-50-8	COPPER	0.1	0.103	0.002		103	90 - 110%
7439-89-6	IRON	0.5	0.463	0.01		93	90 - 110%
7439-92-1	LEAD	0.005	0.00515	0.0002		103	90 - 110%
7439-95-4	MAGNESIUM	1	0.989	0.01		99	90 - 110%
7439-96-5	MANGANESE	0.02	0.0187	0.001		94	90 - 110%
7440-02-0	NICKEL	0.05	0.0500	0.002		100	90 - 110%
7440-09-7	POTASSIUM	5	4.72	0.1		94	90 - 110%
7782-49-2	SELENIUM	0.01	0.00987	0.001		99	90 - 110%
7440-22-4	SILVER	0.001	0.000986	0.00005		99	90 - 110%
7440-23-5	SODIUM	10	9.67	0.1		97	90 - 110%
7440-28-0	THALLIUM	0.0002	0.000193	0.000015		96	90 - 110%
7440-62-2	VANADIUM	0.01	0.00937	0.0005		94	90 - 110%
7440-66-6	ZINC	0.2	0.193	0.01		96	90 - 110%

Data Package ID: *IM2203068-1*

ICPMS Metals

Method SW6020

Calibration Verifications

Lab Name: ALS -- Fort Collins

Work Order Number: 2203068

Client Name: Tetra Tech

ClientProject ID: Bauer Tailings Reassessment 103X903520F0071211202

Lab ID: CCV4

QC Type: Continuing Calibration

File Name: 0376CCV.

Run ID: IM220311-10A5

Date Analyzed: 03/11/2022

Time Analyzed: 15:13

Result Units: MG/L

CASNO	Target Analyte	Spike Added	Result	Reporting Limit	Result Qualifier	% Rec.	Control Limits
7429-90-5	ALUMINUM	0.5	0.525	0.01		105	90 - 110%
7440-36-0	ANTIMONY	0.003	0.00296	0.0001		98	90 - 110%
7440-38-2	ARSENIC	0.01	0.0101	0.0002		101	90 - 110%
7440-39-3	BARIUM	0.01	0.00958	0.0005		96	90 - 110%
7440-41-7	BERYLLIUM	0.005	0.00486	0.00005		97	90 - 110%
7440-43-9	CADMIUM	0.003	0.00297	0.0002		99	90 - 110%
7440-70-2	CALCIUM	5	5.03	0.1		101	90 - 110%
7440-47-3	CHROMIUM	0.05	0.0504	0.001		101	90 - 110%
7440-48-4	COBALT	0.01	0.0105	0.0005		105	90 - 110%
7440-50-8	COPPER	0.1	0.107	0.002		107	90 - 110%
7439-89-6	IRON	0.5	0.489	0.01		98	90 - 110%
7439-92-1	LEAD	0.005	0.00507	0.0002		101	90 - 110%
7439-95-4	MAGNESIUM	1	1.01	0.01		101	90 - 110%
7439-96-5	MANGANESE	0.02	0.0197	0.001		99	90 - 110%
7440-02-0	NICKEL	0.05	0.0519	0.002		104	90 - 110%
7440-09-7	POTASSIUM	5	4.85	0.1		97	90 - 110%
7782-49-2	SELENIUM	0.01	0.0102	0.001		102	90 - 110%
7440-22-4	SILVER	0.001	0.00100	0.00005		100	90 - 110%
7440-23-5	SODIUM	10	9.83	0.1		98	90 - 110%
7440-28-0	THALLIUM	0.0002	0.000192	0.000015		96	90 - 110%
7440-62-2	VANADIUM	0.01	0.00960	0.0005		96	90 - 110%
7440-66-6	ZINC	0.2	0.204	0.01		102	90 - 110%

Data Package ID: *IM2203068-1*

ICPMS Metals

Method SW6020

Calibration Blanks

Lab Name: ALS -- Fort Collins

Work Order Number: 2203068

Client Name: Tetra Tech

ClientProject ID: Bauer Tailings Reassessment 103X903520F0071211202

Lab ID: ICB

QC Type: Initial Calibration

Run ID: IM220311-10A5

Date Analyzed: 03/11/2022

Time Analyzed: 1:00:00 PM

Result Units: MG/L

CASNO	Target Analyte	Result	Reporting Limit	Result Qualifier
7429-90-5	ALUMINUM	0.000736	0.01	U
7440-36-0	ANTIMONY	6.82E-06	0.0001	U
7440-38-2	ARSENIC	0.0000115	0.0002	U
7440-39-3	BARIUM	0.0000132	0.0005	U
7440-41-7	BERYLLIUM	0.0000231	0.00005	U
7440-43-9	CADMIUM	0.0000055	0.0002	U
7440-70-2	CALCIUM	0.00611	0.1	U
7440-47-3	CHROMIUM	0.0000658	0.001	U
7440-48-4	COBALT	2.36E-06	0.0005	U
7440-50-8	COPPER	0.0000664	0.002	U
7439-89-6	IRON	0.000361	0.01	U
7439-92-1	LEAD	0.0000129	0.0002	U
7439-95-4	MAGNESIUM	0.00109	0.01	U
7439-96-5	MANGANESE	0.0000158	0.001	U
7440-02-0	NICKEL	0.000376	0.002	U
7440-09-7	POTASSIUM	0.0196	0.1	U
7782-49-2	SELENIUM	0.0000663	0.001	U
7440-22-4	SILVER	2.77E-06	0.00005	U
7440-23-5	SODIUM	0.0108	0.1	U
7440-28-0	THALLIUM	-0.000006	0.000015	J
7440-62-2	VANADIUM	0.0000579	0.0005	U
7440-66-6	ZINC	0.000697	0.01	U

Data Package ID: *IM2203068-1*

ICPMS Metals

Method SW6020

Calibration Blanks

Lab Name: ALS -- Fort Collins

Work Order Number: 2203068

Client Name: Tetra Tech

ClientProject ID: Bauer Tailings Reassessment 103X903520F0071211202

Lab ID: CCB1

QC Type: Continuing Calibration

Run ID: IM220311-10A5

Date Analyzed: 03/11/2022

Time Analyzed: 1:24:00 PM

Result Units: MG/L

CASNO	Target Analyte	Result	Reporting Limit	Result Qualifier
7429-90-5	ALUMINUM	0.000736	0.01	U
7440-36-0	ANTIMONY	6.82E-06	0.0001	U
7440-38-2	ARSENIC	0.0000115	0.0002	U
7440-39-3	BARIUM	0.0000132	0.0005	U
7440-41-7	BERYLLIUM	0.0000231	0.00005	U
7440-43-9	CADMIUM	0.0000055	0.0002	U
7440-70-2	CALCIUM	0.00757	0.1	J
7440-47-3	CHROMIUM	0.0000658	0.001	U
7440-48-4	COBALT	2.36E-06	0.0005	U
7440-50-8	COPPER	0.0000664	0.002	U
7439-89-6	IRON	0.000361	0.01	U
7439-92-1	LEAD	0.0000129	0.0002	U
7439-95-4	MAGNESIUM	0.00109	0.01	U
7439-96-5	MANGANESE	0.0000158	0.001	U
7440-02-0	NICKEL	0.000376	0.002	U
7440-09-7	POTASSIUM	0.0196	0.1	U
7782-49-2	SELENIUM	0.0000663	0.001	U
7440-22-4	SILVER	2.77E-06	0.00005	U
7440-23-5	SODIUM	0.0108	0.1	U
7440-28-0	THALLIUM	-0.000007	0.000015	J
7440-62-2	VANADIUM	0.0000579	0.0005	U
7440-66-6	ZINC	0.000697	0.01	U

Data Package ID: *IM2203068-1*

ICPMS Metals

Method SW6020

Calibration Blanks

Lab Name: ALS -- Fort Collins

Work Order Number: 2203068

Client Name: Tetra Tech

ClientProject ID: Bauer Tailings Reassessment 103X903520F0071211202

Lab ID: CCB2

QC Type: Continuing Calibration

Run ID: IM220311-10A5

Date Analyzed: 03/11/2022

Time Analyzed: 2:14:00 PM

Result Units: MG/L

CASNO	Target Analyte	Result	Reporting Limit	Result Qualifier
7429-90-5	ALUMINUM	0.000736	0.01	U
7440-36-0	ANTIMONY	6.82E-06	0.0001	U
7440-38-2	ARSENIC	0.0000115	0.0002	U
7440-39-3	BARIUM	0.0000132	0.0005	U
7440-41-7	BERYLLIUM	0.0000231	0.00005	U
7440-43-9	CADMIUM	0.0000055	0.0002	U
7440-70-2	CALCIUM	0.00636	0.1	J
7440-47-3	CHROMIUM	0.0000658	0.001	U
7440-48-4	COBALT	2.36E-06	0.0005	U
7440-50-8	COPPER	0.0000664	0.002	U
7439-89-6	IRON	0.000361	0.01	U
7439-92-1	LEAD	0.000031	0.0002	J
7439-95-4	MAGNESIUM	0.00109	0.01	U
7439-96-5	MANGANESE	0.0000158	0.001	U
7440-02-0	NICKEL	0.000376	0.002	U
7440-09-7	POTASSIUM	0.0196	0.1	U
7782-49-2	SELENIUM	0.0000663	0.001	U
7440-22-4	SILVER	2.77E-06	0.00005	U
7440-23-5	SODIUM	0.0108	0.1	U
7440-28-0	THALLIUM	-0.000007	0.000015	J
7440-62-2	VANADIUM	0.0000579	0.0005	U
7440-66-6	ZINC	0.000697	0.01	U

Data Package ID: *IM2203068-1*

ICPMS Metals

Method SW6020

Calibration Blanks

Lab Name: ALS -- Fort Collins

Work Order Number: 2203068

Client Name: Tetra Tech

ClientProject ID: Bauer Tailings Reassessment 103X903520F0071211202

Lab ID: CCB3

QC Type: Continuing Calibration

Run ID: IM220311-10A5

Date Analyzed: 03/11/2022

Time Analyzed: 2:55:00 PM

Result Units: MG/L

CASNO	Target Analyte	Result	Reporting Limit	Result Qualifier
7429-90-5	ALUMINUM	0.000736	0.01	U
7440-36-0	ANTIMONY	6.82E-06	0.0001	U
7440-38-2	ARSENIC	0.0000115	0.0002	U
7440-39-3	BARIUM	0.0000132	0.0005	U
7440-41-7	BERYLLIUM	0.0000231	0.00005	U
7440-43-9	CADMIUM	0.0000055	0.0002	U
7440-70-2	CALCIUM	0.00611	0.1	U
7440-47-3	CHROMIUM	0.0000658	0.001	U
7440-48-4	COBALT	2.36E-06	0.0005	U
7440-50-8	COPPER	0.0000664	0.002	U
7439-89-6	IRON	0.000361	0.01	U
7439-92-1	LEAD	0.000058	0.0002	J
7439-95-4	MAGNESIUM	0.00109	0.01	U
7439-96-5	MANGANESE	0.0000158	0.001	U
7440-02-0	NICKEL	0.000376	0.002	U
7440-09-7	POTASSIUM	0.0196	0.1	U
7782-49-2	SELENIUM	0.0000663	0.001	U
7440-22-4	SILVER	2.77E-06	0.00005	U
7440-23-5	SODIUM	0.0108	0.1	U
7440-28-0	THALLIUM	-0.000007	0.000015	J
7440-62-2	VANADIUM	0.0000579	0.0005	U
7440-66-6	ZINC	0.000697	0.01	U

Data Package ID: *IM2203068-1*

ICPMS Metals

Method SW6020

Calibration Blanks

Lab Name: ALS -- Fort Collins

Work Order Number: 2203068

Client Name: Tetra Tech

ClientProject ID: Bauer Tailings Reassessment 103X903520F0071211202

Lab ID: CCB4

QC Type: Continuing Calibration

Run ID: IM220311-10A5

Date Analyzed: 03/11/2022

Time Analyzed: 3:19:00 PM

Result Units: MG/L

CASNO	Target Analyte	Result	Reporting Limit	Result Qualifier
7429-90-5	ALUMINUM	0.000736	0.01	U
7440-36-0	ANTIMONY	6.82E-06	0.0001	U
7440-38-2	ARSENIC	0.000017	0.0002	J
7440-39-3	BARIUM	0.0000132	0.0005	U
7440-41-7	BERYLLIUM	0.0000231	0.00005	U
7440-43-9	CADMIUM	0.0000055	0.0002	U
7440-70-2	CALCIUM	0.00951	0.1	J
7440-47-3	CHROMIUM	0.0000658	0.001	U
7440-48-4	COBALT	2.36E-06	0.0005	U
7440-50-8	COPPER	0.0000664	0.002	U
7439-89-6	IRON	0.000361	0.01	U
7439-92-1	LEAD	0.000058	0.0002	J
7439-95-4	MAGNESIUM	0.00109	0.01	U
7439-96-5	MANGANESE	0.0000158	0.001	U
7440-02-0	NICKEL	0.000376	0.002	U
7440-09-7	POTASSIUM	0.0196	0.1	U
7782-49-2	SELENIUM	0.0000663	0.001	U
7440-22-4	SILVER	2.77E-06	0.00005	U
7440-23-5	SODIUM	0.0108	0.1	U
7440-28-0	THALLIUM	-0.000007	0.000015	J
7440-62-2	VANADIUM	0.0000579	0.0005	U
7440-66-6	ZINC	0.000697	0.01	U

Data Package ID: *IM2203068-1*

ICPMS Metals

Method SW6020

ICP Interference Check Sample

Lab Name: ALS -- Fort Collins

Work Order Number: 2203068

Client Name: Tetra Tech

ClientProject ID: Bauer Tailings Reassessment 103X903520F0071211202

Run ID: IM220311-10A5

Date Analyzed: 03/11/2022

Result Units: MG/L

CASNO	Target Analyte	Spike Added		Results		% Rec.
		ICSA1	ICSAB1	ICSA1	ICSAB1	
7429-90-5	ALUMINUM	10	10.5	9.59000	10	96
7440-36-0	ANTIMONY		0.003		0.00306	102
7440-38-2	ARSENIC		0.01		0.0101	101
7440-39-3	BARIUM		0.01		0.00970	97
7440-41-7	BERYLLIUM		0.005		0.00496	99
7440-43-9	CADMIUM		0.003		0.00308	103
7440-70-2	CALCIUM	30	35	29.6000	34.6	99
7440-47-3	CHROMIUM		0.05		0.05240	105
7440-48-4	COBALT		0.01		0.0106	106
7440-50-8	COPPER		0.1		0.10800	108
7439-89-6	IRON	25	25.5	22.8	23.9	94
7439-92-1	LEAD		0.005		0.00517	103
7439-95-4	MAGNESIUM	10	11	9.42000	10.4	94
7439-96-5	MANGANESE		0.02		0.021	105
7440-02-0	NICKEL		0.05		0.05270	105
7440-09-7	POTASSIUM	10	15	9.18000	14.4	96
7782-49-2	SELENIUM		0.01		0.0101	101
7440-22-4	SILVER		0.001		0.00101	101
7440-23-5	SODIUM	25	35	25.2000	34.9000	100
7440-28-0	THALLIUM		0.0002		0.0002	99
7440-62-2	VANADIUM		0.01		0.00978	98
7440-66-6	ZINC		0.2		0.22200	111

Data Package ID: *IM2203068-1*

Metals Linear Ranges

Lab Name: ALS -- Fort Collins
Work Order Number: 2203068
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Reassessment 103X903520F0071211202

Instrument ID: ICPMS2
Active Date: 03/14/2016
Expiration Date: 07/04/2025

CASNO	Target Analyte	Concentration (ppm)
7429-90-5	ALUMINUM	50
7440-36-0	ANTIMONY	0.3
7440-38-2	ARSENIC	1
7440-39-3	BARIUM	1
7440-41-7	BERYLLIUM	0.5
7440-43-9	CADMIUM	0.3
7440-70-2	CALCIUM	500
7440-47-3	CHROMIUM	5
7440-48-4	COBALT	1
7440-50-8	COPPER	10
7439-89-6	IRON	50
7439-92-1	LEAD	0.5
7439-95-4	MAGNESIUM	100
7439-96-5	MANGANESE	2
7440-02-0	NICKEL	5
7440-09-7	POTASSIUM	500
7782-49-2	SELENIUM	1
7440-22-4	SILVER	0.1
7440-23-5	SODIUM	1000
7440-28-0	THALLIUM	0.02
7440-62-2	VANADIUM	1
7440-66-6	ZINC	20

ICPMS2 Run Log -- 3/11/2022

Instrument ID: ICPMS2
File Name: 001CALB_
AnalRunID: IM220311-10A1
CalibRefID: IM220311-10A1

Comment	Field ID	Lab ID	DF	Date Analyzed	Time Analyzed
		RINSE	1	3/11/2022	12:18
		BLANK	1	3/11/2022	12:21
		H/1000	1	3/11/2022	12:27
		H/100	1	3/11/2022	12:33
		H/10	1	3/11/2022	12:39
		HIGH	1	3/11/2022	12:45
		RINSE	1	3/11/2022	12:51
		ICV	1	3/11/2022	12:54
		ICB	1	3/11/2022	13:00
		LIV	1	3/11/2022	13:03
		ICSA1	1	3/11/2022	13:06
		ICSAB1	1	3/11/2022	13:12
		CCV1	1	3/11/2022	13:18
		CCB1	1	3/11/2022	13:24
		IP220310-1MB	10	3/11/2022	13:27
		IM220310-1	10	3/11/2022	13:30
		IM220310-1LCS	10	3/11/2022	13:36
		IM220310-1LCSD	10	3/11/2022	13:42
- Pb	BT-GS-J10	2203068-1	10	3/11/2022	13:48
Ag,Al,As,B,Ba,Be,Ca,Cd,Ce,Co,Cr,Cu,Fe,K,La,Li,Mg,Mn,Mo,Na,Nd,Ni,Pr,Sb,Se,Sn,Sr,Th,Ti,Tl,U,V,Y,Zn	BT-GS-J10	2203068-1	100	3/11/2022	13:51
- Pb	BT-GS-J11	2203068-2	10	3/11/2022	13:53
Ag,Al,As,B,Ba,Be,Ca,Cd,Ce,Co,Cr,Cu,Fe,K,La,Li,Mg,Mn,Mo,Na,Nd,Ni,Pr,Sb,Se,Sn,Sr,Th,Ti,Tl,U,V,Y,Zn	BT-GS-J11	2203068-2	100	3/11/2022	13:56
- Pb	BT-GS-K12	2203068-3	10	3/11/2022	13:59
Ag,Al,As,B,Ba,Be,Ca,Cd,Ce,Co,Cr,Cu,Fe,K,La,Li,Mg,Mn,Mo,Na,Nd,Ni,Pr,Sb,Se,Sn,Sr,Th,Ti,Tl,U,V,Y,Zn	BT-GS-K12	2203068-3	100	3/11/2022	14:02
		CCV2	1	3/11/2022	14:08
		CCB2	1	3/11/2022	14:14
- Pb	BT-GS-K14	2203068-4	10	3/11/2022	14:17
Ag,Al,As,B,Ba,Be,Ca,Cd,Ce,Co,Cr,Cu,Fe,K,La,Li,Mg,Mn,Mo,Na,Nd,Ni,Pr,Sb,Se,Sn,Sr,Th,Ti,Tl,U,V,Y,Zn	BT-GS-K14	2203068-4	100	3/11/2022	14:20
- Pb	BT-GS-I18	2203068-5	10	3/11/2022	14:23
Ag,Al,As,B,Ba,Be,Ca,Cd,Ce,Co,Cr,Cu,Fe,K,La,Li,Mg,Mn,Mo,Na,Nd,Ni,Pr,Sb,Se,Sn,Sr,Th,Ti,Tl,U,V,Y,Zn	BT-GS-I18	2203068-5	100	3/11/2022	14:26
- Pb	BT-GS-I21	2203068-6	10	3/11/2022	14:29
Ag,Al,As,B,Ba,Be,Ca,Cd,Ce,Co,Cr,Cu,Fe,K,La,Li,Mg,Mn,Mo,Na,Nd,Ni,Pr,Sb,Se,Sn,Sr,Th,Ti,Tl,U,V,Y,Zn	BT-GS-I21	2203068-6	100	3/11/2022	14:32
- Pb	BT-GS-I16	2203068-7	10	3/11/2022	14:35
Ag,Al,As,B,Ba,Be,Ca,Cd,Ce,Co,Cr,Cu,Fe,K,La,Li,Mg,Mn,Mo,Na,Nd,Ni,Pr,Sb,Se,Sn,Sr,Th,Ti,Tl,U,V,Y,Zn	BT-GS-I16	2203068-7	100	3/11/2022	14:38
- Pb	BT-GS-I20	2203068-8	10	3/11/2022	14:41

Data Package ID: IM2203068-1

ICPMS2 Run Log -- 3/11/2022

Instrument ID: ICPMS2
File Name: 030SMPL.
AnalRunID: IM220311-10A1
CalibRefID: IM220311-10A1

Comment	Field ID	Lab ID	DF	Date Analyzed	Time Analyzed
Ag,Al,As,B,Ba,Be,Ca,Cd,Ce,Co,Cr,Cu,Fe,K,La,Li,Mg,Mn,Mo,Na,Nd,Ni,Pr,Sb,Se,Sn,Sr,Th,Ti,Tl,U,V,Y,Zn	BT-GS-I20	2203068-8	100	3/11/2022	14:43
		CCV3	1	3/11/2022	14:49
		CCB3	1	3/11/2022	14:55
- Pb	BT-GS-J15	2203068-9	10	3/11/2022	14:58
Ag,Al,As,B,Ba,Be,Ca,Cd,Ce,Co,Cr,Cu,Fe,K,La,Li,Mg,Mn,Mo,Na,Nd,Ni,Pr,Sb,Se,Sn,Sr,Th,Ti,Tl,U,V,Y,Zn	BT-GS-J15	2203068-9	100	3/11/2022	15:01
- Pb	BT-GS-J15-DUP	2203068-10	10	3/11/2022	15:04
Ag,Al,As,B,Ba,Be,Ca,Cd,Ce,Co,Cr,Cu,Fe,K,La,Li,Mg,Mn,Mo,Na,Nd,Ni,Pr,Sb,Se,Sn,Sr,Th,Ti,Tl,U,V,Y,Zn	BT-GS-J15-DUP	2203068-10	100	3/11/2022	15:07
		CCV4	1	3/11/2022	15:13
		CCB4	1	3/11/2022	15:19
		IP220307-1MB	10	3/11/2022	15:22
		IM220307-1LCS	10	3/11/2022	15:25
		IM220307-1LCSD	10	3/11/2022	15:31
		2202268-1	10	3/11/2022	15:37
		2202268-2	10	3/11/2022	15:40
		2202268-3	10	3/11/2022	15:42
		CCV5	1	3/11/2022	15:48
		CCB5	1	3/11/2022	15:54
		IP220309-4MB	10	3/11/2022	15:57
		IM220309-4LCS	10	3/11/2022	16:00
		IM220309-4LCSD	10	3/11/2022	16:06
		2203118-1	10	3/11/2022	16:12
		ZZZ	100	3/11/2022	16:15
		ZZZ	1000	3/11/2022	16:18
		2203118-2	10	3/11/2022	16:21
		ZZZ	100	3/11/2022	16:24
		ZZZ	1000	3/11/2022	16:27
		CCV6	1	3/11/2022	16:33
		CCB6	1	3/11/2022	16:39
		2203118-3	10	3/11/2022	16:42
		ZZZ	100	3/11/2022	16:45
		ZZZ	1000	3/11/2022	16:48
		CCV7	1	3/11/2022	16:54
		CCB7	1	3/11/2022	16:59
		IP220310-4MB	10	3/11/2022	17:02
		IM220310-4	10	3/11/2022	17:05

Data Package ID: IM2203068-1

ICPMS2 Run Log -- 3/11/2022

Instrument ID: ICPMS2
File Name: 065_LCS.
AnalRunID: IM220311-10A1
CalibRefID: IM220311-10A1

Comment	Field ID	Lab ID	DF	Date Analyzed	Time Analyzed
		IM220310-4LCS	10	3/11/2022	17:11
		IM220310-4LCSD	10	3/11/2022	17:17
		2203029-1	1	3/11/2022	17:23
		ZZZ	10	3/11/2022	17:26
		ZZZ	100	3/11/2022	17:29
		2203149-1	10	3/11/2022	17:32
		CCV8	1	3/11/2022	17:38
		CCB8	1	3/11/2022	17:44
		CCV9	1	3/11/2022	17:47
		CCB9	1	3/11/2022	17:53
		IP220302-4MB	10	3/11/2022	17:56
		IM220302-4LCS	10	3/11/2022	17:59
		IM220302-4LCSD	10	3/11/2022	18:04
		2202321-1	10	3/11/2022	18:10
		ZZZ	100	3/11/2022	18:13
		2202321-2	10	3/11/2022	18:16
		2202321-3	10	3/11/2022	18:19
		2202321-4	10	3/11/2022	18:22
		2202321-5	10	3/11/2022	18:25
		2202321-6	10	3/11/2022	18:28
		CCV10	1	3/11/2022	18:34
		CCB10	1	3/11/2022	18:40
		2202321-7	10	3/11/2022	18:43
		2202321-8	10	3/11/2022	18:46
		2202321-9	10	3/11/2022	18:49
		2202321-10	10	3/11/2022	18:52
- U		2202321-11	10	3/11/2022	18:55
Ag,Al,As,B,Ba,Be,Ca,Cd,Ce,Co,Cr,Cu,Fe,K,La,Li,Mg,Mn,Mo,Na,Nd,Ni,Pb,Pr,Sb,Se,Sn,Sr,Th,Ti,Tl,V,Y,Zn		2202321-11	100	3/11/2022	18:58
		2202321-12	10	3/11/2022	19:01
		ZZZ	100	3/11/2022	19:04
		2202321-13	10	3/11/2022	19:07
		CCV11	1	3/11/2022	19:13
		CCB11	1	3/11/2022	19:18
- U		2202321-14	10	3/11/2022	19:21
Ag,Al,As,B,Ba,Be,Ca,Cd,Ce,Co,Cr,Cu,Fe,K,La,Li,Mg,Mn,Mo,Na,Nd,Ni,Pb,Pr,Sb,Se,Sn,Sr,Th,Ti,Tl,V,Y,Zn		2202321-14	100	3/11/2022	19:24

Data Package ID: IM2203068-1

ICPMS2 Run Log -- 3/11/2022

Instrument ID: ICPMS2
File Name: 100SMPL.
AnalRunID: IM220311-10A1
CalibRefID: IM220311-10A1

Comment	Field ID	Lab ID	DF	Date Analyzed	Time Analyzed
		2202321-15	10	3/11/2022	19:27
- U		2202321-16	10	3/11/2022	19:30
Ag,Al,As,B,Ba,Be,Ca,Cd,Ce,Co,Cr,Cu,Fe,K,La,Li,Mg,Mn,Mo,Na,Nd,Ni,Pb,Pr,Sb,Se,Sn,Sr,Th,Ti,Tl,V,Y,Zn		2202321-16	100	3/11/2022	19:33
		CCV12	1	3/11/2022	19:39
		CCB12	1	3/11/2022	19:45
		RINSE	1	3/11/2022	19:48
		RINSE	1	3/11/2022	19:51
		RINSE	1	3/11/2022	19:54
		RINSE	1	3/11/2022	19:57

Data Package ID: IM2203068-1

Mercury

Method SW7471B

Method Blank

Lab Name: ALS -- Fort Collins
Work Order Number: 2203068
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Reassessment 103X903520F0071211202

Lab ID: HG220308-1MB

Sample Matrix: SOIL
% Moisture: N/A
Date Collected: N/A
Date Extracted: 08-Mar-22
Date Analyzed: 08-Mar-22

Prep Batch: HG220308-1
QCBatchID: HG220308-1-1
Run ID: HG220308-1A2
Cleanup: NONE
Basis: N/A
File Name: HG220308-1

Sample Aliquot: 0.6g
Final Volume: 100ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	DF	Result	Result Qualifier	Reporting Limit	MDL
7439-97-6	MERCURY	1	0.0042	U	0.033	0.0042

Data Package ID: *HG2203068-1*

Mercury

Method SW7471B

Laboratory Control Sample and Laboratory Control Sample Duplicate

Lab Name: ALS -- Fort Collins

Work Order Number: 2203068

Client Name: Tetra Tech

ClientProject ID: Bauer Tailings Reassessment 103X903520F0071211202

Lab ID: HG220308-1LCS

Sample Matrix: SOIL
% Moisture: N/A
Date Collected: N/A
Date Extracted: 03/08/2022
Date Analyzed: 03/08/2022
Prep Method: METHOD

Prep Batch: HG220308-1
QCBatchID: HG220308-1-1
Run ID: HG220308-1A2
Cleanup: NONE
Basis: N/A
File Name: HG220308-1

Sample Aliquot: 0.6g
Final Volume: 100ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
7439-97-6	MERCURY	0.167	0.173	0.0333		104	80 - 120%

Lab ID: HG220308-1LCSD

Sample Matrix: SOIL
% Moisture: N/A
Date Collected: N/A
Date Extracted: 03/08/2022
Date Analyzed: 03/08/2022
Prep Method: METHOD

Prep Batch: HG220308-1
QCBatchID: HG220308-1-1
Run ID: HG220308-1A2
Cleanup: NONE
Basis: N/A
File Name: HG220308-1

Sample Aliquot: 0.6g
Final Volume: 100ml
Result Units: MG/KG
Clean DF: 1

CASNO	Target Analyte	Spike Added	LCSD Result	Reporting Limit	Result Qualifier	LCSD % Rec.	RPD Limit	RPD
7439-97-6	MERCURY	0.167	0.173	0.0333		104	20	0

Data Package ID: *HG2203068-1*

Mercury

Method SW7471B

Matrix Spike

Lab Name: ALS -- Fort Collins
Work Order Number: 2203068
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Reassessment 103X903520F0071211202

Field ID: BT-GS-J10
LabID: 2203068-1MS

Sample Matrix: SOIL
% Moisture: 10.6
Date Collected: 22-Feb-22
Date Extracted: 08-Mar-22
Date Analyzed: 08-Mar-22

Prep Batch: HG220308-1
QCBatchID: HG220308-1-1
Run ID: HG220308-1A2
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 0.688 g
Final Volume: 100 ml
Result Units: MG/KG
File Name: HG220308-1

CASNO	Target Analyte	Sample Result	Samp Qual	MS Result	MS Qual	Reporting Limit	Spike Added	MS % Rec.	Control Limits
7439-97-6	MERCURY	0.083		0.4		0.0325	0.325	97	80 - 120%

Data Package ID: *HG2203068-1*

Prep Batch ID: HG220308-1

Start Date: 03/08/22
Start Time: 8:59
Prep Analyst: James S. Dowdell

End Date: 03/08/22
End Time: 10:10

Concentration Method: NONE
Extract Method: METHOD
Initial Volume Units: g
Final Volume Units: ml

Batch Created By: jsd
Date Created: 03/08/22
Time Created: 8:59
Validated By: jsd
Date Validated: 03/08/22
Time Validated: 10:34

Comments:

QC Batch ID: HG220308-1-1

Lab ID	QC Type	Field ID	Matrix	Date Collected	Initial Wt/Vol	Final Wt/Vol	Cleanup Method	Cleanup DF	Order Number
HG220308-1	MB	XXXXXX	SOIL	XXXXXX	0.6	100	NONE	1	2203068
HG220308-1	LCS	XXXXXX	SOIL	XXXXXX	0.6	100	NONE	1	2203068
HG220308-1	LCSD	XXXXXX	SOIL	XXXXXX	0.6	100	NONE	1	2203068
2203068-1	MS	BT-GS-J10	SOIL	2/22/2022	0.688	100	NONE	1	2203068
2203068-1	SMP	BT-GS-J10	SOIL	2/22/2022	0.687	100	NONE	1	2203068
2203068-10	SMP	BT-GS-J15-DUP	SOIL	2/22/2022	0.618	100	NONE	1	2203068
2203068-2	SMP	BT-GS-J11	SOIL	2/22/2022	0.637	100	NONE	1	2203068
2203068-3	SMP	BT-GS-K12	SOIL	2/22/2022	0.666	100	NONE	1	2203068
2203068-4	SMP	BT-GS-K14	SOIL	2/22/2022	0.638	100	NONE	1	2203068
2203068-5	SMP	BT-GS-I18	SOIL	2/22/2022	0.619	100	NONE	1	2203068
2203068-6	SMP	BT-GS-I21	SOIL	2/22/2022	0.671	100	NONE	1	2203068
2203068-7	SMP	BT-GS-I16	SOIL	2/22/2022	0.623	100	NONE	1	2203068
2203068-8	SMP	BT-GS-I20	SOIL	2/22/2022	0.629	100	NONE	1	2203068
2203068-9	SMP	BT-GS-J15	SOIL	2/22/2022	0.61	100	NONE	1	2203068

QC Types

CAR	Carrier reference sample	DLS	Detection Limit Standard	
DUP	Laboratory Duplicate	LCS	Laboratory Control Sample	
LCSD	Laboratory Control Sample Duplicate	LODV	Limit of Detection Verification	
LOQV	Limit of Quantitation Verification	MB	Method Blank	
MS	Laboratory Matrix Spike	MSD	Laboratory Matrix Spike Duplicate	
REP	Sample replicate	RVS	Reporting Level Verification Standar	
SMP	Field Sample	SYS	Sample Yield Spike	

MERCURY

Method SW7471

Calibration Verifications

Lab Name: **ALS -- Fort Collins**
Work Order Number: 2203068
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Reassessment 103X903520F0071211202

Run ID: HG220308-1A2
Result Units: MG/L

Lab ID	Verification Type	Date Analyzed	Time Analyzed	Spike Added	Result	Reporting Limit	Result Qualifier	% Rec.	Control Limits
ICV	Initial Calibration	3/8/2022	13:54	0.001	0.00103	0.0002	N/A	103	90 - 110
CCV1	Continuing Calibration	3/8/2022	14:19	0.002	0.00198	0.0002	N/A	99	80 - 120
CCV2	Continuing Calibration	3/8/2022	14:36	0.002	0.00198	0.0002	N/A	99	80 - 120

Data Package ID: *HG2203068-1*

MERCURY

Method SW7471

Calibration Blanks

Lab Name: **ALS -- Fort Collins**
Work Order Number: 2203068
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Reassessment 103X903520F0071211202

Run ID: HG220308-1A2
Result Units: MG/L

Lab ID	Verification Type	Date Analyzed	Time Analyzed	Result	Reporting Limit	Flag
ICB	Initial Calibration	3/8/2022	13:56	0.0000707	0.0002	U
CCB1	Continuing Calibration	3/8/2022	14:21	0.0000707	0.0002	U
CCB2	Continuing Calibration	3/8/2022	14:38	0.0000707	0.0002	U

Data Package ID: *HG2203068-1*

Metals Linear Ranges

Lab Name: **ALS -- Fort Collins**
Work Order Number: 2203068
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Reassessment 103X903520F0071211202

Instrument ID: CETAC7600
Active Date: 03/25/2021
Expiration Date: 10/22/2025

CASNO	Target Analyte	Concentration (ppm)
7439-97-6	MERCURY	0.01

Mercury Run Log -- 3/8/2022

Instrument ID: CETAC7600
File Name: HG220308-1
AnalRunID: HG220308-1A1
CalibRefID: HG220308-1A1

Comment	Field ID	Lab ID	DF	Date Analyzed	Time Analyzed
		0	1	3/8/2022	13:36
		1	1	3/8/2022	13:38
		2	1	3/8/2022	13:40
		3	1	3/8/2022	13:42
		4	1	3/8/2022	13:44
		5	1	3/8/2022	13:46
		6	1	3/8/2022	13:50
		ICV	1	3/8/2022	13:54
		ICB	1	3/8/2022	13:56
		CRA1	1	3/8/2022	13:58
		RVS	1	3/8/2022	14:00
		HG220308-1MB	1	3/8/2022	14:02
		HG220308-1LCS	1	3/8/2022	14:04
		HG220308-1LCSD	1	3/8/2022	14:06
	BT-GS-J10	2203068-1	1	3/8/2022	14:09
	BT-GS-J10	2203068-1MS	1	3/8/2022	14:11
	BT-GS-J11	2203068-2	1	3/8/2022	14:13
	BT-GS-K12	2203068-3	1	3/8/2022	14:15
	BT-GS-K14	2203068-4	1	3/8/2022	14:17
		CCV1	1	3/8/2022	14:19
		CCB1	1	3/8/2022	14:21
	BT-GS-I18	2203068-5	1	3/8/2022	14:23
	BT-GS-I21	2203068-6	1	3/8/2022	14:26
	BT-GS-I16	2203068-7	1	3/8/2022	14:28
	BT-GS-I20	2203068-8	1	3/8/2022	14:30
	BT-GS-J15	2203068-9	1	3/8/2022	14:32
	BT-GS-J15-DUP	2203068-10	1	3/8/2022	14:34
		CCV2	1	3/8/2022	14:36
		CCB2	1	3/8/2022	14:38

Data Package ID: HG2203068-1

Raw Data

Header Information for Analytical Sequence 22C11m01

Instrument: Agilent ICPMS Model 7700X; Serial No. JP09400112
Software Revision: B.01.01
Date of Analysis: 03/11/2022
Analyst: Jill Latelle

Calibration Standards

High Calibration Standard: ST220215-1 (expires 7/31/2022)
This standard contains the following elements at the listed concentrations (ng/ml).

100,000 - Na
50,000 - Ca, K
10,000 - Mg
5,000 - Fe, Al
3,000 - Ti
2,000 - Zn
1,000 - B, Cu, Li
500 - Cr, Ni, Sn
200 - Mn
100 - V, Co, As, Se, Mo, Ba, Sr
50 - Pb, Be
30 - Sb, Cd, La, Ce, Pr, Nd
20 - Y
10 - Th, U, Ag
2 - Tl

1/10, 1/100, and 1/1000 dilutions of the High Calibration Standard are prepared daily to provide additional calibration standards.

ICV

The ICV is prepared by diluting 10ml of the 2nd Source intermediate (ST201231-3, expires 04/30/2022) to 50ml giving the following concentrations (ng/ml).

20,000 - Na
10,000 - Ca, K
2,000 - Mg
1,000 - Fe, Al
400 - Zn, Ti
200 - B, Cu, Li
100 - Cr, Ni, Sn
60 - Nd
40 - Mn
20 - V, Co, As, Se, Mo, Ba, Sr
10 - Pb, Be
6 - Sb, Cd, La, Ce, Pr, Nd
4 - Y
2 - Th, U, Ag
0.4 - Tl

LIV

The LIV is prepared by diluting 0.05ml of the Reporting Limit Verification Spike Solution (ST220214-6 expires 7/31/2022) to 50ml giving the following concentrations (ng/ml).

100 - Na, Ca, K
20 - Ti
15 - B
10 - Al, Fe, Mg, Zn
2 - Cu, Li, Ni
1 - Cr, Se, Sn
0.5 - Ba, Co, Mn, Sr, V
0.2 - As, Cd, Mo, Pb
0.1 - Sb
0.05 - Ag, Be, Ce, La, Nd, Pr, Y
0.02 - Th
0.01- U, Tl

ICSA

The ICSA is prepared by diluting 0.5ml of ICSA intermediate (ST220110-9, expires 7/2/2024) to a final volume of 50ml giving the following concentrations (ng/ml).

42,500,000 - Cl
30,000 - Ca
25,000 - Fe, Na
20,000 - C
10,000 - Al, K, Mg, P, S
200 - Mo, Ti

ICSAB

The ICSAB is prepared by diluting 0.5ml of ICSA intermediate (ST220110-9, expires 7/2/2024) and 5ml of High Calibration Standard: ST220215-1 (expires 7/31/2022) to a final volume of 50ml. The ICSAB contains the following elements at the listed concentrations (ng/ml).

42,500,000 - Cl
35,000 - Ca, Na
25,500 - Fe
20,000 - C
15,000 - K
11,000 - Mg
10,500 - Al
10,000 - P, S
400 - Ti
210 - Mo
200 - Zn
100 - B, Cu, Li
50 - Cr, Ni, Sn
20 - Mn
10 - V, Co, As, Se, Ba, Sr
5 - Pb, Be
3 - Sb, Cd, La, Ce, Pr, Nd
2 - Y
1 - Th, U, Ag
0.2 - Tl

CCV

The CCV is prepared by diluting 5ml of the High Calibration Standard: ST220215-1 (expires 7/31/2022) to a final volume of 50ml. The CCV contains the following elements at the listed concentrations (ng/ml).

10,000 - Na
5,000 - Ca, K
1,000 - Mg
500 - Fe, Al
300 - Ti
200 - Zn
100 - B, Cu, Li
50 - Cr, Ni, Sn
20 - Mn
10 - V, Co, As, Se, Mo, Ba, Sr
5 - Pb, Be
3 - Sb, Cd, La, Ce, Pr, Nd
2 - Y
1 - Th, U, Ag
0.2 - Tl

Linear Dynamic Range Standards

The LDR standard is prepared by diluting 1ml of the High Calibration Standard Intermediate Mix (ST220214-8, expires 7/31/2022) to a final volume of 10ml. The LDR standard contains the following elements at the listed concentrations (ng/ml).

100,000 - Mg
50,000 - Fe, Al
30,000 - Ti
20,000 - Zn
10,000 - B, Cu, Li
5,000 - Cr, Ni, Sn
2,000 - Mn
1,000 - V, Co, As, Se, Mo, Ba, Sr
500 - Pb, Be
300 - Sb, Cd, La, Ce, Pr, Nd
200 – Y, U
100 - Th, Ag
20 - Tl

LDR-Ca,Na,K

1000 Na

The 1000 Na standard is prepared by diluting 1ml of the 10000mg/L Na stock solution (ST200919-1, expires 12/31/26) to a final volume of 10ml. The 1000 Na standard contains Na at 1000000 ng/ml.

500 Ca

The 500 Ca standard is prepared by diluting 0.5ml of the 10000mg/L Ca stock solution (ST1910025-5, expires 07/31/26) to a final volume of 10ml. The 500 Ca standard contains Ca at 500000 ng/ml.

500 K

The 500 K standard is prepared by diluting 0.5ml of the 10000mg/L K stock solution (ST191002-7, expires 12/31/25) to a final volume of 10ml. The 500 K standard contains K at 500000 ng/ml.

Linear Dynamic Range

The instrument Linear Dynamic Range (LDR) is determined once every six months. The instrument LDR is given below (ng/ml).

1,000,000 - Na
500,000 - Ca, K
100,000 - Mg
50,000 - Fe, Al
30,000 - Ti
20,000 - Zn
10,000 - B, Cu, Li
5,000 - Cr, Ni, Sn
2,000 - Mn
1,000 - V, Co, As, Se, Mo, Ba, Sr
500 - Pb, Be
300 - Sb, Cd, La, Ce, Pr, Nd
200 - Y, U
100 - Th, Ag
20 - Tl

ICB/CCB and all diluent

1% HNO_3, 1%HCl in double deionized water

HNO_3 Lot No. 197345
HCl Lot No. 212747

Internal Standards

The internal standard intermediate contains 1 PPM each of Ga, Ge, Pt, In, Rh, Bi and Sc. This intermediate is added to all standards and samples in the same proportion by a peristaltic pump.

Ga - ST190204-3, expires 09/30/2024
Ge – ST210225-2, expires 07/07/2024
Pt - ST190118-3, expires 04/30/2025
In - ST190118-7, expires 10/19/2022
Rh – ST210225-3, expires 11/22/2023
Bi - ST190118-1, expires 04/30/2025
Sc – ST210225-4, expires 01/11/2024

Pipet ID Numbers

1.0 to 5.0 ml -- M-07
0.1 to 1.0ml -- M-61
0.01 to 0.1ml -- M-57

Dilutions

2X dilutions made by diluting 5ml of sample to 10ml final volume
5X dilutions made by diluting 1ml of sample to 5ml final volume
10X dilutions made by diluting 1ml of sample to 10ml final volume
50X dilutions made by diluting 0.1ml of sample to 5ml final volume
100X dilutions made by diluting 0.1ml of sample to 10ml final volume
200X dilutions made by diluting 0.05ml of sample to 10ml final volume
500X dilutions made by diluting 0.02ml of sample to 10ml final volume

Daily Maintenance Items

1. Check / change pump tubing
2. Check / clean drain containers
3. Tune instrument per manufacturer's procedures
4. Perform resolution / mass calibration / stability test and print QC tune report

Monthly Maintenance Items

1. Check / clean torch and cones
2. Check / clean nebulizer and spray chamber
3. Check / fill water recirculating reservoir
4. Check / fill vacuum pump oil

Additional Comments

No additional comments.

Batch Summary Report

Batch Folder: C:\ICPMH\1\DATA\22C11m01.B\
Analysis File: 22C11m01.batch.xml
Tune Step: #1 nogas.u
#2 hehe.u

	Rjct	Acq. Date-Time	Data File	Sample Name	Type	Level	Dilution
1		3/11/2022 12:18:28	001CALB_22C11m00.D	RINSE	CalBlk	1	1.0000
2		3/11/2022 12:21:29	002CALB_22C11m00.D	BLANK	CalBlk	1	1.0000
3		3/11/2022 12:27:25	003CALS_22C11m00.D	H/1000	CalStd	2	1.0000
4		3/11/2022 12:33:21	004CALS_22C11m00.D	H/100	CalStd	3	1.0000
5		3/11/2022 12:39:16	005CALS_22C11m00.D	H/10	CalStd	4	1.0000
6		3/11/2022 12:45:07	006CALS_22C11m00.D	HIGH	CalStd	5	1.0000
7		3/11/2022 12:51:59	001SMPL.D	RINSE	Sample		1.0000
8		3/11/2022 12:54:57	002SMPL.D	ICV	6-ICV		1.0000
9		3/11/2022 13:00:50	003SMPL.D	ICB	6-CCB		1.0000
10		3/11/2022 13:03:48	004SMPL.D	LIV	RLCV		1.0000
11		3/11/2022 13:06:47	005SMPL.D	ICSA	6-ICSA		1.0000
12		3/11/2022 13:12:40	006SMPL.D	ICSAB	6-ICSAB		1.0000
13		3/11/2022 13:18:31	007SMPL.D	CCV	6-CCV		1.0000
14		3/11/2022 13:24:24	0086CCB.D	CCB	6-CCB		1.0000
15		3/11/2022 13:27:24	0096CCB.D	IP220310-1MB 10X	6-CCB		1.0000
16		3/11/2022 13:30:24	010SMPL.D	IM220310-1RVS 10X	Sample		1.0000
17		3/11/2022 13:36:19	011_LCS.D	IM220310-1LCS 10X	6-LCS		1.0000
18		3/11/2022 13:42:11	012_LCS.D	IM220310-1LCSD 10X	6-LCS		1.0000
19		3/11/2022 13:48:04	013SMPL.D	2203068-1 10X	Sample		1.0000
20		3/11/2022 13:51:00	014SMPL.D	2203068-1 100X	Sample		1.0000
21		3/11/2022 13:53:56	015SMPL.D	2203068-2 10X	Sample		1.0000
22		3/11/2022 13:56:50	016SMPL.D	2203068-2 100X	Sample		1.0000
23		3/11/2022 13:59:49	017SMPL.D	2203068-3 10X	Sample		1.0000
24		3/11/2022 14:02:45	018SMPL.D	2203068-3 100X	Sample		1.0000
25		3/11/2022 14:08:39	0196CCV.D	CCV	6-CCV		1.0000
26		3/11/2022 14:14:34	0206CCB.D	CCB	6-CCB		1.0000
27		3/11/2022 14:17:32	021SMPL.D	2203068-4 10X	Sample		1.0000

	Rjct	Acq. Date-Time	Data File	Sample Name	Type	Level	Dilution
28		3/11/2022 14:20:28	022SMPL.D	2203068-4 100X	Sample		1.0000
29		3/11/2022 14:23:25	023SMPL.D	2203068-5 10X	Sample		1.0000
30		3/11/2022 14:26:19	024SMPL.D	2203068-5 100X	Sample		1.0000
31		3/11/2022 14:29:17	025SMPL.D	2203068-6 10X	Sample		1.0000
32		3/11/2022 14:32:12	026SMPL.D	2203068-6 100X	Sample		1.0000
33		3/11/2022 14:35:11	027SMPL.D	2203068-7 10X	Sample		1.0000
34		3/11/2022 14:38:04	028SMPL.D	2203068-7 100X	Sample		1.0000
35		3/11/2022 14:41:02	029SMPL.D	2203068-8 10X	Sample		1.0000
36		3/11/2022 14:43:57	030SMPL.D	2203068-8 100X	Sample		1.0000
37		3/11/2022 14:49:51	0316CCV.D	CCV	6-CCV		1.0000
38		3/11/2022 14:55:44	0326CCB.D	CCB	6-CCB		1.0000
39		3/11/2022 14:58:44	033SMPL.D	2203068-9 10X	Sample		1.0000
40		3/11/2022 15:01:39	034SMPL.D	2203068-9 100X	Sample		1.0000
41		3/11/2022 15:04:39	035SMPL.D	2203068-10 10X	Sample		1.0000
42		3/11/2022 15:07:35	036SMPL.D	2203068-10 100X	Sample		1.0000
43		3/11/2022 15:13:29	0376CCV.D	CCV	6-CCV		1.0000
44		3/11/2022 15:19:21	0386CCB.D	CCB	6-CCB		1.0000
45		3/11/2022 15:22:20	0396CCB.D	IP220307-1MB 10X	6-CCB		1.0000
46		3/11/2022 15:25:19	040_LCS.D	IM220307-1LCS 10X	6-LCS		1.0000
47		3/11/2022 15:31:10	041_LCS.D	IM220307-1LCSD 10X	6-LCS		1.0000
48		3/11/2022 15:37:02	042SMPL.D	2202268-1 10X	Sample		1.0000
49		3/11/2022 15:40:00	043SMPL.D	2202268-2 10X	Sample		1.0000
50		3/11/2022 15:42:58	044SMPL.D	2202268-3 10X	Sample		1.0000
51		3/11/2022 15:48:52	0456CCV.D	CCV	6-CCV		1.0000
52		3/11/2022 15:54:44	0466CCB.D	CCB	6-CCB		1.0000
53		3/11/2022 15:57:43	0476CCB.D	IP220309-4MB 10X	6-CCB		1.0000
54		3/11/2022 16:00:41	048_LCS.D	IM220309-4LCS 10X	6-LCS		1.0000
55		3/11/2022 16:06:33	049_LCS.D	IM220309-4LCSD 10X	6-LCS		1.0000
56		3/11/2022 16:12:26	050SMPL.D	2203118-1 10X	Sample		1.0000
57		3/11/2022 16:15:24	051SMPL.D	2203118-1 100X	Sample		1.0000
58		3/11/2022 16:18:24	052SMPL.D	2203118-1 1000X	Sample		1.0000
59		3/11/2022 16:21:23	053SMPL.D	2203118-2 10X	Sample		1.0000
60		3/11/2022 16:24:21	054SMPL.D	2203118-2 100X	Sample		1.0000

	Rjct	Acq. Date-Time	Data File	Sample Name	Type	Level	Dilution
61		3/11/2022 16:27:20	055SMPL.D	2203118-2 1000X	Sample		1.0000
62		3/11/2022 16:33:15	0566CCV.D	CCV	6-CCV		1.0000
63		3/11/2022 16:39:08	0576CCB.D	CCB	6-CCB		1.0000
64		3/11/2022 16:42:07	058SMPL.D	2203118-3 10X	Sample		1.0000
65		3/11/2022 16:45:06	059SMPL.D	2203118-3 100X	Sample		1.0000
66		3/11/2022 16:48:05	060SMPL.D	2203118-3 1000X	Sample		1.0000
67		3/11/2022 16:54:00	0616CCV.D	CCV	6-CCV		1.0000
68		3/11/2022 16:59:52	0626CCB.D	CCB	6-CCB		1.0000
69		3/11/2022 17:02:51	0636CCB.D	IP220310-4MB 10X	6-CCB		1.0000
70		3/11/2022 17:05:50	064SMPL.D	IM220310-4RVS 10X	Sample		1.0000
71		3/11/2022 17:11:46	065_LCS.D	IM220310-4LCS 10X	6-LCS		1.0000
72		3/11/2022 17:17:38	066_LCS.D	IM220310-4LCSD 10X	6-LCS		1.0000
73		3/11/2022 17:23:30	067SMPL.D	2203029-1	Sample		1.0000
74		3/11/2022 17:26:26	068SMPL.D	2203029-1 10X	Sample		1.0000
75		3/11/2022 17:29:24	069SMPL.D	2203029-1 100X	Sample		1.0000
76		3/11/2022 17:32:23	070SMPL.D	2203149-1 10X	Sample		1.0000
77		3/11/2022 17:38:17	0716CCV.D	CCV	6-CCV		1.0000
78		3/11/2022 17:44:10	0726CCB.D	CCB	6-CCB		1.0000
79		3/11/2022 17:47:09	0736CCV.D	CCV	6-CCV		1.0000
80		3/11/2022 17:53:03	0746CCB.D	CCB	6-CCB		1.0000
81		3/11/2022 17:56:03	0756CCB.D	IP220302-4MB 10X	6-CCB		1.0000
82		3/11/2022 17:59:02	076_LCS.D	IM220302-4LCS 10X	6-LCS		1.0000
83		3/11/2022 18:04:55	077_LCS.D	IM220302-4LCSD 10X	6-LCS		1.0000
84		3/11/2022 18:10:46	078SMPL.D	2202321-1 10X	Sample		1.0000
85		3/11/2022 18:13:41	079SMPL.D	2202321-1 100X	Sample		1.0000
86		3/11/2022 18:16:40	080SMPL.D	2202321-2 10X	Sample		1.0000
87		3/11/2022 18:19:39	081SMPL.D	2202321-3 10X	Sample		1.0000
88		3/11/2022 18:22:37	082SMPL.D	2202321-4 10X	Sample		1.0000
89		3/11/2022 18:25:36	083SMPL.D	2202321-5 10X	Sample		1.0000
90		3/11/2022 18:28:36	084SMPL.D	2202321-6 10X	Sample		1.0000
91		3/11/2022 18:34:32	0856CCV.D	CCV	6-CCV		1.0000
92		3/11/2022 18:40:26	0866CCB.D	CCB	6-CCB		1.0000
93		3/11/2022 18:43:25	087SMPL.D	2202321-7 10X	Sample		1.0000

	Rjct	Acq. Date-Time	Data File	Sample Name	Type	Level	Dilution
94		3/11/2022 18:46:24	088SMPL.D	2202321-8 10X	Sample		1.0000
95		3/11/2022 18:49:23	089SMPL.D	2202321-9 10X	Sample		1.0000
96		3/11/2022 18:52:21	090SMPL.D	2202321-10 10X	Sample		1.0000
97		3/11/2022 18:55:19	091SMPL.D	2202321-11 10X	Sample		1.0000
98		3/11/2022 18:58:13	092SMPL.D	2202321-11 100X	Sample		1.0000
99		3/11/2022 19:01:13	093SMPL.D	2202321-12 10X	Sample		1.0000
100		3/11/2022 19:04:07	094SMPL.D	2202321-12 100X	Sample		1.0000
101		3/11/2022 19:07:05	095SMPL.D	2202321-13 10X	Sample		1.0000
102		3/11/2022 19:13:00	0966CCV.D	CCV	6-CCV		1.0000
103		3/11/2022 19:18:53	0976CCB.D	CCB	6-CCB		1.0000
104		3/11/2022 19:21:52	098SMPL.D	2202321-14 10X	Sample		1.0000
105		3/11/2022 19:24:47	099SMPL.D	2202321-14 100X	Sample		1.0000
106		3/11/2022 19:27:44	100SMPL.D	2202321-15 10X	Sample		1.0000
107		3/11/2022 19:30:43	101SMPL.D	2202321-16 10X	Sample		1.0000
108		3/11/2022 19:33:41	102SMPL.D	2202321-16 100X	Sample		1.0000
109		3/11/2022 19:39:35	1036CCV.D	CCV	6-CCV		1.0000
110		3/11/2022 19:45:29	1046CCB.D	CCB	6-CCB		1.0000
111		3/11/2022 19:48:27	105SMPL.D	RINSE	Sample		1.0000
112		3/11/2022 19:51:26	106SMPL.D	RINSE	Sample		1.0000
113		3/11/2022 19:54:25	107SMPL.D	RINSE	Sample		1.0000
114		3/11/2022 19:57:24	108SMPL.D	RINSE	Sample		1.0000

Analyte Table

		7 Li [1]		9 Be [1]		11 B [1]		23 Na [2]		26 Mg [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
1	RINSE	0.0075	1954.13	0.0029	142.00	0.1390	12675.97	-6.2054	25213.16	0.1029	90.00
2	BLANK	0.0000	1327.40	0.0000	76.00	0.0000	10155.36	0.0000	28158.02	0.0000	76.67
3	H/1000	0.9314	75119.34	0.0492	1203.39	0.8395	24167.28	104.1500	109598.64	10.1885	1260.11
4	H/100	9.3702	731346.00	0.5049	11401.19	9.8083	163549.64	1006.0349	795268.06	97.0326	11160.82
5	H/10	99.0591	7981994.67	5.0751	117804.10	102.9018	1669621.25	9999.3550	7973858.63	1026.8434	122191.87
6	HIGH	1000.1005	96160485.33	49.9924	1383973.42	999.7119	19239460.35	96998.3140	86012638.72	9997.3451	1267919.95
7	RINSE	0.1281	13153.81	-0.0009	68.67	8.6599	168215.96	-7.2303	27523.38	-0.2739	53.33
8	ICV	194.8823	16059732.00	9.7946	232478.61	204.6597	3384370.77	20127.0947	15900123.09	1921.2071	227973.57
9	ICB	0.0616	6371.91	-0.0016	45.33	4.6277	85042.11	-0.1733	30792.67	0.6559	163.34
10	LIV	1.9540	156393.43	0.0468	1152.05	17.9313	295361.13	93.1079	102765.49	10.4857	1283.45
11	ICSA	0.1013	9705.50	-0.0017	43.33	3.0499	60717.33	25204.6564	19843153.45	9416.1865	1114568.89
12	ICSAB	99.8258	9739755.33	4.9631	139479.39	103.2588	2027821.10	34869.3096	29387508.73	10388.5472	1310595.97
13	CCV	95.7094	8255090.33	4.8980	121697.61	100.6740	1748110.24	9633.7929	8084220.71	991.7897	123630.23
14	CCB	0.0355	4442.61	-0.0022	32.67	2.2406	48640.12	-1.1131	30331.70	0.3742	130.01
15	IP220310-1MB ...	0.0343	4502.62	-0.0022	34.00	1.3645	35312.11	-7.6879	25954.30	-0.0894	76.67
16	IM220310-1RVS...	0.8952	77360.65	0.0239	669.35	7.7009	142128.95	37.8431	63909.90	5.4576	756.72
17	IM220310-1LCS...	99.3402	8703934.67	4.9437	124725.02	195.5543	3437571.81	993.1663	873282.67	979.6566	124592.59
18	IM220310-1LCS...	99.0504	8920855.67	4.8967	127048.49	196.9784	3560287.08	975.3511	881532.33	984.6846	126848.98
19	2203068-1 10X	9.3244	853270.59	0.3723	9884.24	8.7494	172332.10	99.2448	122832.02	4315.9584	570013.55
20	2203068-1 100X	0.9428	84713.23	0.0346	970.04	2.8717	62702.19	2.0923	34530.23	430.5944	54890.71
21	2203068-2 10X	10.3641	1060118.42	0.3533	10491.27	7.3244	163622.47	84.9771	118317.04	4197.4130	595357.78
22	2203068-2 100X	0.9902	93984.02	0.0325	969.37	2.4068	57664.83	0.7124	33979.15	419.0216	53854.28
23	2203068-3 10X	8.1318	737362.92	0.3997	10504.61	10.6509	205142.15	480.7030	464026.54	4450.9359	598630.24
24	2203068-3 100X	1.0980	104820.50	0.0385	1137.38	2.8099	65650.17	40.2838	70636.82	445.5205	59560.24
25	CCV	98.1703	9286256.67	4.9727	135451.98	99.7723	1900811.59	9772.7129	8615972.58	1008.0476	132470.51
26	CCB	0.0276	3825.13	-0.0021	36.67	1.7338	40670.55	-0.8656	29099.64	0.5852	146.68
27	2203068-4 10X	5.9194	592944.71	0.3404	9890.91	7.6332	166139.43	227.0343	237466.13	3746.9104	503435.25
28	2203068-4 100X	0.6038	56337.59	0.0347	999.37	1.7556	44253.91	14.1505	45456.21	376.0882	48654.84
29	2203068-5 10X	12.8962	1169877.71	0.4834	12696.79	6.2789	126175.04	106.6209	123339.43	5878.7316	755219.10
30	2203068-5 100X	1.2246	104157.56	0.0466	1210.72	1.5805	38006.72	-0.5581	30478.87	603.9793	71921.71
31	2203068-6 10X	5.4593	537928.48	0.2615	7490.38	3.9998	91932.02	53.1734	80398.11	3725.7552	487837.99

Analyte Table

		7 Li [1]		9 Be [1]		11 B [1]		23 Na [2]		26 Mg [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
32	2203068-6 100X	0.5524	60712.53	0.0234	827.36	0.9004	33797.14	-4.9235	30195.16	365.1309	48848.76
33	2203068-7 10X	13.9863	1477304.29	0.5247	16042.29	7.8485	179992.39	137.9453	164195.56	5941.8335	839925.51
34	2203068-7 100X	1.2428	113948.43	0.0510	1419.40	1.4034	37777.35	2.0080	34974.33	589.0845	75088.90
35	2203068-8 10X	5.2261	443578.81	0.2457	6070.46	3.8844	77329.92	53.9508	74546.89	4519.0754	544787.21
36	2203068-8 100X	0.5150	47552.89	0.0221	658.02	0.7828	26219.15	-5.7001	28010.93	438.3495	55676.55
37	CCV	91.4267	8042768.33	4.6582	118042.67	93.7085	1660259.90	9673.4002	8070708.00	988.7866	121809.03
38	CCB	0.0206	3315.68	-0.0025	27.33	1.3448	34846.64	-4.6111	28688.98	0.7066	173.34
39	2203068-9 10X	5.9525	633125.42	0.3070	9482.69	11.0708	249372.56	439.3965	456827.43	3273.9191	472282.73
40	2203068-9 100X	0.6001	62949.31	0.0297	977.37	2.0820	56373.85	30.4568	65332.08	330.6424	46037.93
41	2203068-10 10X	6.6258	635203.83	0.3409	9484.69	11.5662	234326.69	405.7233	392813.13	3489.1814	462395.82
42	2203068-10 100X	0.6598	63415.57	0.0322	965.37	2.1868	53757.77	30.8934	60333.32	340.5303	44483.45
43	CCV	96.3181	9925166.67	4.8623	144325.39	95.8977	1990581.73	9828.2380	9279853.40	1007.3189	140207.61
44	CCB	0.0207	3946.50	-0.0024	34.67	1.4569	43720.29	-4.7451	32596.18	0.5869	183.35
45	IP220307-1MB ...	0.0240	4423.28	-0.0026	28.00	0.7742	30773.42	-10.7122	27159.43	0.2509	136.68
46	IM220307-1LCS...	102.7812	11048458.67	5.0373	155958.68	197.7435	4265089.97	1019.6057	1031803.52	1021.2584	147919.11
47	IM220307-1LCS...	103.5837	11158905.00	5.0730	157436.94	199.2036	4306244.27	1025.0288	1089407.38	1020.7161	156512.04
48	2202268-1 10X	0.2135	24286.07	0.0002	113.33	8.7130	197136.54	4795.6169	5009352.11	3456.1024	499386.19
49	2202268-2 10X	3.7011	276595.28	0.0017	112.67	30.7613	467726.23	60366.6555	48769049.27	45344.9723	5221786.69
50	2202268-3 10X	0.0828	11670.07	-0.0005	100.67	3.1338	88410.58	14454.4368	16665046.00	2224.5431	359076.91
51	CCV	92.4810	10147042.33	4.3756	136582.90	91.1911	2015883.39	10120.6455	10668041.93	1042.7873	160571.31
52	CCB	0.0243	4812.05	-0.0032	11.33	1.7519	55435.29	29.1457	73398.91	0.9467	263.35
53	IP220309-4MB ...	0.0352	5991.76	-0.0033	9.33	0.9871	37703.87	20.5317	63505.13	0.6513	213.34
54	IM220309-4LCS...	99.5370	10695455.33	4.5874	142016.86	197.4259	4260064.55	1125.4085	1212692.72	1086.2956	166067.83
55	IM220309-4LCS...	99.1660	10733306.67	4.5555	142025.37	198.1052	4302733.44	1097.9558	1199506.86	1061.2673	163961.08
56	2203118-1 10X	5.0200	542604.73	-0.0026	30.00	26.2684	580692.67	10598.6404	11327172.33	5166.6938	794300.49
57	2203118-1 100X	0.5627	63503.45	-0.0030	19.33	5.6538	138607.57	1116.6306	1231848.94	503.8204	79901.14
58	2203118-1 1000X	0.0795	10726.79	-0.0030	18.00	1.9829	58758.41	130.9587	176588.92	50.7310	8042.25
59	2203118-2 10X	4.2505	458294.47	-0.0029	20.67	24.0811	531937.25	11133.8377	11689103.16	10152.8921	1557025.97
60	2203118-2 100X	0.4680	53090.49	-0.0030	17.33	4.8489	120800.14	1187.2654	1301175.32	1061.9642	166612.08
61	2203118-2 1000X	0.0682	9386.65	-0.0029	22.00	1.5363	48388.51	138.0150	185208.52	108.3390	16952.58
62	CCV	93.8418	10018068.00	4.4016	135364.68	94.4019	2029801.03	10302.7297	10533991.92	1053.3672	157688.80

Analyte Table

		7 Li [1]		9 Be [1]		11 B [1]		23 Na [2]		26 Mg [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
63	CCB	0.0281	4835.38	-0.0031	14.00	1.6826	49687.74	19.1211	59466.79	0.5157	183.34
64	2203118-3 10X	3.3213	356925.51	-0.0028	24.67	20.6740	456692.26	5000.8387	5326517.42	4033.3714	621081.03
65	2203118-3 100X	0.4040	42815.18	-0.0029	20.00	4.2021	99128.85	519.1528	549344.13	404.8831	58914.61
66	2203118-3 1000X	0.0725	9566.75	-0.0032	10.67	1.1956	39773.00	71.1808	113558.21	39.9342	6114.71
67	CCV	94.4864	10020819.00	4.3378	132568.05	93.0879	1990035.13	10216.6637	10705440.67	1049.7862	161605.60
68	CCB	0.0347	4708.68	-0.0029	18.00	1.5713	40359.90	17.6413	53336.35	0.5076	170.01
69	IP220310-4MB ...	0.0343	5183.50	-0.0029	18.00	0.8236	29926.41	13.7409	52526.83	0.5019	176.67
70	IM220310-4RVS...	0.8417	84943.43	0.0199	666.69	6.9636	151139.48	60.3799	98872.51	5.4609	893.40
71	IM220310-4LCS...	92.5673	9474221.00	4.1101	121212.20	181.8016	3736569.30	1039.7145	1116771.81	1019.9813	155148.43
72	IM220310-4LCS...	94.3589	9671036.67	4.2177	124492.86	185.4899	3814778.18	1057.2229	1152159.15	1017.9915	156279.64
73	2203029-1	20.5987	2010481.55	0.0215	703.35	88.4270	1737617.88	132120.3930	1.94679E+08	23226.3449	3369898.49
74	2203029-1 10X	2.0939	230493.46	-0.0006	92.67	13.4082	307581.91	19890.0078	21199911.35	2427.1188	381036.78
75	2203029-1 100X	0.2602	29951.04	-0.0028	23.33	3.3810	87546.02	2109.6452	2273587.99	238.7286	37619.70
76	2203149-1 10X	0.0879	11181.74	-0.0029	19.33	7.4978	172763.45	1949.9931	2094413.30	7.8285	1316.79
77	CCV	91.5528	9365376.33	4.2963	126595.16	91.5803	1887825.48	10325.7973	10449424.43	1032.9100	156139.78
78	CCB	0.0353	5144.16	-0.0030	14.67	1.6551	45205.25	16.8558	54931.39	0.2486	140.01
79	CCV	92.0400	9189655.33	4.3263	124412.15	93.1715	1873552.49	10189.1138	10212520.06	1035.4886	153458.32
80	CCB	0.0358	5524.26	-0.0028	24.00	1.8011	51039.24	11.8446	52643.78	0.2895	153.34
81	IP220302-4MB ...	0.0378	5521.60	-0.0029	18.67	1.0841	35037.08	16.7651	53540.20	2.2908	430.03
82	IM220302-4LCS...	98.7008	9542437.00	4.5236	125965.41	195.9393	3801296.93	1063.0942	1119637.22	1041.3466	155470.51
83	IM220302-4LCS...	95.5287	9513804.67	4.3256	124127.36	192.2664	3842705.82	1036.4890	1109958.16	1039.4916	156268.57
84	2202321-1 10X	10.4917	1049438.15	-0.0025	31.33	25.1870	516668.80	111902.0242	1.11472E+08	17062.0511	2460832.41
85	2202321-1 100X	1.0661	110407.40	-0.0025	31.33	5.3947	123860.63	11459.3337	11842983.99	1753.6880	267396.59
86	2202321-2 10X	4.0688	419516.05	-0.0026	28.67	12.4602	269853.71	78985.4993	80139748.81	13957.0048	2043526.53
87	2202321-3 10X	1.6383	169949.73	-0.0027	26.67	13.1419	283768.74	46850.8854	47769254.29	5529.1148	826322.62
88	2202321-4 10X	22.5349	2122183.83	-0.0012	64.00	46.6483	890749.69	1.16486E+06	9.82997E+08	27107.2335	3341394.53
89	2202321-5 10X	30.4455	2438230.33	-0.0006	69.33	72.5680	1172300.89	3.46747E+06	2.44542E+09	58642.1898	5914615.74
90	2202321-6 10X	33.8626	2830835.33	-0.0012	57.33	71.4981	1206417.45	3.40808E+06	2.48292E+09	55237.7108	5724109.71
91	CCV	91.0214	8761442.00	4.2880	118871.74	91.6544	1777144.93	10294.7066	10352988.39	974.0473	144604.88
92	CCB	0.2380	29956.38	-0.0026	32.67	1.8489	59300.20	371.7559	443479.67	0.9412	266.68
93	2202321-7 10X	39.4805	3690526.67	-0.0013	61.33	172.6177	3238085.29	2.25208E+06	1.79448E+09	62836.6780	7337366.35

Analyte Table

		7 Li [1]		9 Be [1]		11 B [1]		23 Na [2]		26 Mg [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
94	2202321-8 10X	4.0839	482603.19	-0.0029	24.00	41.6710	996639.34	151258.9807	1.57194E+08	7369.5646	1103884.51
95	2202321-9 10X	2.9829	311674.81	-0.0032	10.00	29.1245	619170.50	105577.3482	1.08061E+08	5757.4174	853500.59
96	2202321-10 10X	1.7236	166985.35	-0.0029	18.00	14.0638	282776.35	35759.8298	35874861.13	4132.4756	605381.72
97	2202321-11 10X	45.2248	4324682.67	-0.0023	36.00	60.7407	1174333.46	522740.6534	4.60756E+08	103548.9749	13422258.13
98	2202321-11 100X	4.5826	441726.86	-0.0032	10.00	10.2764	210476.60	50276.0368	49451219.26	10417.1021	1515992.37
99	2202321-12 10X	28.8549	2651285.50	-0.0023	34.00	26.4768	498830.09	206816.0078	1.88353E+08	37315.9714	4973740.03
100	2202321-12 100X	2.9953	264596.42	-0.0030	14.67	5.3801	106506.92	20760.6646	19469835.96	3837.0269	528319.95
101	2202321-13 10X	73.9053	6298905.50	-0.0016	48.67	94.7110	1624897.71	2.52841E+06	1.87034E+09	94637.5717	10316500.26
102	CCV	87.8101	7835172.17	4.1464	106602.66	89.7640	1613901.71	9926.4110	9522595.69	990.0867	140427.01
103	CCB	0.1252	12810.87	-0.0031	13.33	1.9188	46564.46	307.8525	334725.74	1.2381	276.68
104	2202321-14 10X	45.0373	4184919.83	-0.0024	32.67	55.9787	1052853.95	545097.7769	4.70771E+08	88759.2939	11318903.58
105	2202321-14 100X	4.6134	406316.67	-0.0032	10.00	9.8646	184982.79	52188.8526	47561677.62	8979.2594	1213991.18
106	2202321-15 10X	4.3094	391753.00	-0.0031	12.67	8.6949	169834.35	15251.6114	14716818.53	4027.9711	566814.60
107	2202321-16 10X	3.3606	309228.31	-0.0031	12.00	18.7199	355201.04	74866.1098	72360692.26	5638.5840	788962.57
108	2202321-16 100X	0.4313	41038.75	-0.0031	12.00	3.6393	79014.88	7712.8788	7518990.31	562.9793	81243.73
109	CCV	86.5850	7896688.33	4.0988	107704.51	87.8963	1615774.76	9932.4704	9404604.65	989.5151	139509.32
110	CCB	0.0697	8369.44	-0.0027	24.67	1.7191	45902.57	162.5197	204458.58	0.6168	196.68
111	RINSE	0.0882	9178.54	-0.0027	22.67	1.0080	29300.80	145.6336	172314.31	0.7115	190.01
112	RINSE	0.0808	8822.34	-0.0030	13.33	0.6967	24706.89	129.8064	161849.69	1.2409	270.02
113	RINSE	0.0673	7830.52	-0.0028	19.33	0.5242	22245.73	111.4479	149267.50	0.9240	233.35
114	RINSE	0.0642	7012.82	-0.0028	19.33	0.5673	21389.08	112.2774	140579.65	0.7977	200.01

Analyte Table

		27 Al [2]		39 K [2]		44 Ca [2]		49 Ti [2]		51 V [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
1	RINSE	0.0688	210.01	-4.4406	7115.16	-17.7187	427.05	0.6738	160.04	0.0416	575.68
2	BLANK	0.0000	173.34	0.0000	8195.76	0.0000	781.76	0.0000	16.67	0.0000	243.00
3	H/1000	5.1799	2053.57	44.9674	20346.70	20.0836	1288.66	3.1721	686.71	0.0977	1063.37
4	H/100	51.8372	18781.23	465.5537	124477.05	485.0813	11843.53	30.6119	6438.25	0.9457	7936.26
5	H/10	523.0206	196080.68	4787.1839	1229033.60	5001.7910	119467.61	293.9696	64403.81	9.5126	80677.50
6	HIGH	4997.6794	2088896.01	50021.6311	12469557.73	47460.7002	1257050.50	3000.5968	733339.68	100.0493	902190.21
7	RINSE	-0.0197	200.01	-3.5112	8152.39	-16.9017	501.74	0.1535	56.67	0.0130	388.34
8	ICV	1023.0619	380547.52	9016.1202	2269690.44	9820.7797	231997.33	393.7702	85618.65	18.8925	159562.53
9	ICB	-0.0559	170.01	0.3032	8932.72	2.3599	916.29	0.1463	50.00	-0.0041	234.00
10	LIV	10.1619	3913.97	82.0236	29109.87	94.6725	3039.42	19.1410	4120.70	0.4632	4032.18
11	ICSA	9588.3821	3552911.72	9180.5959	2278909.76	29601.7370	695188.74	196.2159	42512.56	0.0039	300.00
12	ICSAB	10037.0798	3983534.42	14398.7249	3670881.82	34555.1179	869113.95	500.8966	116263.38	9.7838	88005.26
13	CCV	518.1760	204402.25	4792.7241	1253392.35	4920.1224	123668.79	290.1838	66870.42	9.4326	83797.53
14	CCB	0.0057	193.34	1.7678	9423.04	7.5712	1047.82	0.0210	23.33	-0.0043	233.00
15	IP220310-1MB ...	0.5690	420.02	-9.5281	6735.06	-3.3394	817.00	0.1634	56.67	-0.0029	253.00
16	IM220310-1RVS...	5.7490	2453.63	36.9316	19011.54	32.7588	1714.59	8.8000	2036.88	0.2143	2143.48
17	IM220310-1LCS...	505.3385	201794.71	468.4966	136190.19	1042.8453	27257.79	201.7899	47091.95	9.2465	83808.64
18	IM220310-1LCS...	498.8671	204615.89	476.8863	137710.39	1030.0578	27663.93	196.1331	47015.20	9.2627	85052.12
19	2203068-1 10X	4734.4763	1982705.65	2068.0103	561596.84	17733.4566	471148.85	82.3847	20196.50	8.6338	81337.45
20	2203068-1 100X	499.4513	197921.29	184.6032	59035.79	1756.2189	44955.86	8.8245	2060.21	0.8435	7919.91
21	2203068-2 10X	4256.7114	1915232.42	2025.9281	582387.00	16065.5080	458536.47	82.9033	21828.53	8.3032	84020.74
22	2203068-2 100X	457.8895	184786.54	188.0725	59852.77	1599.2914	41739.32	8.2406	1960.22	0.8116	7691.47
23	2203068-3 10X	4853.0782	2043359.19	2019.1182	551662.31	34084.7522	909425.13	91.3854	22519.55	8.9456	85819.36
24	2203068-3 100X	516.4939	217094.40	180.4503	60316.74	3433.8359	92250.17	10.1252	2506.99	0.8912	8756.00
25	CCV	520.8070	215874.83	4538.4106	1256031.02	4934.2486	130288.36	294.0567	71217.67	9.4248	88275.73
26	CCB	0.0757	210.01	3.2721	9229.59	6.3582	970.43	-0.0679	3.33	-0.0033	228.67
27	2203068-4 10X	4374.5591	1841215.49	1924.8101	533021.92	27823.1854	742250.97	91.6075	22559.68	8.1901	78502.27
28	2203068-4 100X	467.8176	188699.89	177.4759	57985.47	2797.6112	72305.41	10.1710	2416.96	0.8056	7686.47
29	2203068-5 10X	6756.6467	2697384.54	3037.7184	801562.78	14507.4632	367539.31	121.3614	28345.28	11.3201	103645.68
30	2203068-5 100X	726.1315	271328.07	282.6129	80850.60	1394.7507	33828.10	11.7980	2593.66	1.1344	9859.63
31	2203068-6 10X	3393.3299	1394914.04	1382.8251	375759.62	11110.2174	290031.24	75.1264	18084.10	6.8732	64266.66

Analyte Table

		27 Al [2]		39 K [2]		44 Ca [2]		49 Ti [2]		51 V [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
32	2203068-6 100X	358.3635	149718.97	121.8133	44290.37	1078.7130	29459.27	8.1135	2000.20	0.6699	6659.70
33	2203068-7 10X	6916.3496	3023397.35	3359.5685	949360.46	13530.9951	375954.13	124.5230	31942.56	11.5255	116103.28
34	2203068-7 100X	720.0776	289483.46	301.9743	91053.10	1300.5988	33999.43	11.3538	2687.02	1.1150	10376.27
35	2203068-8 10X	3061.8804	1157421.28	1143.3872	297137.09	17983.1186	431186.53	76.8053	16992.85	6.5196	56130.70
36	2203068-8 100X	309.7817	122963.97	103.0656	37359.90	1739.1004	44561.10	7.6900	1800.20	0.6164	5842.71
37	CCV	511.2585	200528.57	4721.2424	1262457.79	4887.9347	122158.15	288.3218	66073.62	9.3721	82286.20
38	CCB	0.1181	246.68	0.2969	9343.04	4.5865	1016.21	0.0328	26.67	-0.0058	225.00
39	2203068-9 10X	3899.6582	1755931.12	2088.0782	611858.72	6855.2695	196418.45	101.8374	26829.55	7.5752	77982.12
40	2203068-9 100X	396.7502	176079.83	190.9877	65437.37	637.9931	18919.32	9.3057	2433.62	0.7500	7720.82
41	2203068-10 10X	4146.1621	1726673.93	2347.1408	619491.69	7532.6805	199550.30	96.4556	23507.62	7.8360	74098.50
42	2203068-10 100X	433.1766	176405.03	213.6299	66888.94	725.0523	19602.96	9.8907	2370.28	0.7499	7243.60
43	CCV	524.5037	232829.04	4851.2212	1399196.96	5031.6989	142295.41	292.9201	75976.15	9.5951	95185.71
44	CCB	0.0776	263.34	4.1301	11457.79	9.5115	1299.48	0.1465	60.01	-0.0067	251.33
45	IP220307-1MB ...	0.4130	416.70	-5.4238	8532.58	-8.4302	798.25	0.1063	50.00	-0.0045	274.67
46	IM220307-1LCS...	520.2782	239327.61	518.8769	163092.72	1094.2830	32893.88	207.2221	55702.02	9.5169	98245.51
47	IM220307-1LCS...	524.8512	253641.38	537.8018	175554.96	1113.8933	35158.91	203.6619	57511.81	9.5186	104021.09
48	2202268-1 10X	26.9522	13419.28	51801.0709	14915718.11	412.3897	13882.35	0.7340	233.34	0.0748	1094.71
49	2202268-2 10X	28.8316	11164.19	8319.4027	1554770.03	2.41374E+06	58176329.36	1.2025	286.68	0.4570	4000.84
50	2202268-3 10X	39.1859	21524.60	31895.1739	10054271.52	984.4536	35027.68	1.4813	496.70	0.1196	1735.77
51	CCV	529.5759	262427.93	5140.4720	1600334.20	5122.0980	161646.67	294.9562	85411.80	9.8365	107950.31
52	CCB	0.3046	413.36	11.4767	14850.59	23.9995	1937.69	0.0182	30.00	-0.0016	340.68
53	IP220309-4MB ...	0.8102	663.38	1.9348	11571.19	2.5757	1238.12	0.0295	33.33	0.0035	391.68
54	IM220309-4LCS...	532.3433	261541.50	547.9540	180986.23	1130.0759	36239.80	211.8290	60813.25	9.8883	107731.93
55	IM220309-4LCS...	525.4293	261660.45	547.4833	183187.06	1085.7423	35346.27	204.3163	59431.56	9.8075	107971.76
56	2203118-1 10X	1.0091	763.39	1900.7176	597985.66	14628.3494	466120.97	0.0068	26.67	0.0288	660.69
57	2203118-1 100X	0.4385	476.70	181.4234	69630.37	1443.4401	47081.20	-0.0612	6.67	0.0002	359.01
58	2203118-1 1000X	0.2721	383.36	17.9366	16679.04	137.5434	5389.43	-0.0023	23.33	-0.0038	310.34
59	2203118-2 10X	1.2561	870.06	581.0190	188996.08	28709.6292	897645.89	0.0553	40.00	0.0300	673.02
60	2203118-2 100X	0.4426	476.69	56.1663	28993.03	2882.3181	92442.10	0.0646	43.33	0.0012	366.68
61	2203118-2 1000X	0.2196	360.02	5.6826	12678.69	268.1802	9506.17	-0.0607	6.67	-0.0030	317.00
62	CCV	528.3657	254023.01	5079.9669	1564051.54	5133.1008	157169.21	293.8817	82550.61	9.7426	103942.24

Analyte Table

		27 Al [2]		39 K [2]		44 Ca [2]		49 Ti [2]		51 V [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
63	CCB	-0.0119	240.01	-0.1659	10537.18	3.3261	1211.36	0.0238	30.00	-0.0020	316.33
64	2203118-3 10X	1.6780	1090.09	277.9686	97972.01	8489.1858	268955.23	0.1560	70.00	0.1095	1545.75
65	2203118-3 100X	0.3505	400.02	29.7626	19025.03	826.5025	25346.40	0.0507	36.67	0.0082	411.68
66	2203118-3 1000X	1.0845	773.39	2.5490	11534.46	63.2766	3067.79	0.0792	46.67	-0.0018	319.67
67	CCV	531.4659	261828.38	5106.9622	1603793.36	5067.1398	159025.72	297.5944	85665.90	9.6820	106211.70
68	CCB	-0.2257	126.67	-3.4990	9089.54	5.0434	1163.16	0.0812	43.34	-0.0022	293.67
69	IP220310-4MB ...	0.5210	483.36	-1.7737	10046.83	-6.8567	875.47	0.0622	40.00	0.0015	343.34
70	IM220310-4RVS...	4.8789	2526.97	44.5524	24061.65	38.1210	2209.70	9.0717	2510.31	0.2260	2658.22
71	IM220310-4LCS...	500.3707	244514.97	492.6863	166448.35	1027.3667	32874.12	196.5736	56133.52	9.2821	100635.65
72	IM220310-4LCS...	506.3711	251187.44	510.1894	171123.63	1036.9540	33669.62	199.2222	57748.60	9.4294	103167.79
73	2203029-1	1.0328	1073.41	2695.1592	745544.05	60147.1727	2646244.91	0.3110	160.01	0.0835	1188.38
74	2203029-1 10X	0.5730	543.37	246.5308	89347.12	8855.8801	282327.35	-0.0269	16.67	0.0065	426.34
75	2203029-1 100X	0.3326	420.02	22.0828	18307.47	863.0960	28409.85	-0.0270	16.67	-0.0026	325.00
76	2203149-1 10X	48.6135	24385.55	749.8623	250496.31	69.9852	3339.62	0.6089	200.07	0.0109	466.01
77	CCV	537.5240	255738.24	4873.2886	1508528.00	5120.2375	155200.40	297.5494	82732.05	9.6027	103448.44
78	CCB	-0.0912	193.34	-3.8180	9266.38	3.6037	1171.54	-0.0105	20.00	-0.0026	301.33
79	CCV	526.2051	247979.34	4859.6314	1498835.24	5091.4281	152829.92	294.1083	80980.17	9.6620	102045.18
80	CCB	-0.1201	190.01	-4.8927	9426.38	7.4524	1352.29	-0.0253	16.67	-0.0043	298.67
81	IP220302-4MB ...	1.7663	1036.75	-1.2067	9806.62	-3.3113	944.13	0.1059	50.00	0.0023	342.34
82	IM220302-4LCS...	511.4840	245240.26	511.3192	167615.76	1060.4316	33258.87	199.4615	55889.66	9.6530	102707.02
83	IM220302-4LCS...	505.6345	246276.92	510.2796	169974.93	1064.1316	33894.97	200.3489	57026.38	9.5850	102689.07
84	2202321-1 10X	0.5845	513.37	3558.9284	1035273.29	29677.3002	883229.98	0.2188	83.34	55.1945	566155.69
85	2202321-1 100X	0.3497	416.69	343.1203	117442.58	3021.7842	94036.91	-0.0026	23.33	5.3701	58524.59
86	2202321-2 10X	0.6468	553.37	2238.2367	665367.10	25217.2263	764317.80	0.1181	56.67	0.0274	615.35
87	2202321-3 10X	0.7580	610.05	1945.6824	593870.59	12390.5342	377912.34	-0.0018	23.33	0.0334	692.02
88	2202321-4 10X	0.6961	480.03	24783.5403	5492704.08	66632.6513	1678940.51	0.1132	46.67	0.0103	368.01
89	2202321-5 10X	0.7775	426.70	102802.0346	16960445.16	158758.1014	3342887.68	0.2254	60.00	0.0227	390.34
90	2202321-6 10X	2.5415	1050.09	102172.2003	17089482.66	152452.1773	3315475.27	0.2503	66.67	0.0290	447.34
91	CCV	506.7422	239611.88	4865.9658	1469572.06	4879.7831	147010.33	286.8431	79250.99	9.3152	98560.57
92	CCB	-0.1298	193.34	7.5900	13556.05	7.1716	1401.29	0.0393	36.67	-0.0023	338.01
93	2202321-7 10X	0.8542	513.37	75540.5118	14790278.94	143916.9827	3423478.68	0.5100	130.01	0.2553	2383.18

Analyte Table

		27 Al [2]		39 K [2]		44 Ca [2]		49 Ti [2]		51 V [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
94	2202321-8 10X	0.9336	706.71	4273.5801	1250212.64	13886.0621	431824.73	0.0677	43.33	0.1371	1797.10
95	2202321-9 10X	0.8292	646.72	3564.3439	1055188.97	9544.3543	292586.51	0.0935	50.00	0.0104	443.34
96	2202321-10 10X	0.5339	493.37	1138.7201	348705.88	8893.4219	267066.35	-0.0235	16.67	0.0098	432.68
97	2202321-11 10X	0.9165	593.37	11536.0438	2853861.63	52573.4397	1383960.83	0.2859	90.00	1.2197	11530.03
98	2202321-11 100X	0.5194	476.70	1086.3235	331266.85	4972.8101	146957.94	-0.0104	20.00	0.1164	1532.41
99	2202321-12 10X	0.8809	596.71	9839.4894	2587506.89	47900.1590	1303082.22	0.5187	150.01	10.6159	100878.13
100	2202321-12 100X	0.5982	490.06	955.1402	280184.08	4703.5710	132424.48	-0.0581	6.67	1.0207	10299.23
101	2202321-13 10X	0.4437	333.35	75258.2282	14139772.71	129526.7695	2860717.05	0.3804	93.34	0.4107	3427.37
102	CCV	505.4684	228006.97	4681.4858	1389899.09	4828.9409	138760.33	281.1138	74057.33	9.1826	92832.71
103	CCB	-0.0936	190.01	0.1030	10350.34	1.6833	1093.60	-0.0336	13.33	-0.0027	292.67
104	2202321-14 10X	1.6046	860.07	17084.0763	4195420.25	52449.7366	1352890.83	0.6034	163.34	3.7629	34396.19
105	2202321-14 100X	0.3819	383.35	1657.4488	463656.56	5027.5864	137641.96	0.0352	30.00	0.3578	3743.44
106	2202321-15 10X	0.8787	630.04	802.4239	244463.99	11726.0412	337946.19	0.0165	26.67	5.7271	57596.42
107	2202321-16 10X	0.8070	600.04	1319.4028	391236.66	7148.3495	207186.53	0.0787	43.33	0.4514	4804.38
108	2202321-16 100X	0.3431	390.02	129.1352	48672.83	698.2830	21263.15	-0.0096	20.00	0.0384	717.69
109	CCV	506.7069	225551.55	4640.5116	1369167.12	4888.4492	138643.52	286.5583	74529.12	9.2646	93093.43
110	CCB	-0.1613	166.68	0.3860	10567.13	7.6218	1330.47	0.0473	36.67	0.0000	334.01
111	RINSE	0.3087	360.02	5.1205	11147.51	-14.6413	603.82	0.0717	40.00	0.0181	473.68
112	RINSE	0.4261	423.36	5.8783	11647.83	-16.7872	560.39	0.0669	40.00	0.0132	441.34
113	RINSE	0.4380	443.36	4.1207	11397.82	-12.0365	718.96	0.0741	43.33	0.0146	471.01
114	RINSE	0.6239	496.70	5.8174	11110.83	-14.0696	617.06	0.0983	46.67	0.0149	439.68

Analyte Table

		52 Cr [2]		55 Mn [2]		56 Fe [2]		59 Co [2]		60 Ni [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
1	RINSE	0.0756	1554.55	-0.0072	267.79	-0.0549	4947.65	0.0019	98.89	0.0044	188.89
2	BLANK	0.0000	822.26	0.0000	322.23	0.0000	5521.02	0.0000	66.67	0.0000	170.00
3	H/1000	0.4797	5920.03	0.2077	2009.04	5.1714	62790.96	0.1041	1840.13	0.5025	2621.36
4	H/100	4.7400	49198.84	1.8582	14784.58	49.7451	537009.07	1.0665	17976.67	5.1079	24262.56
5	H/10	48.9913	512558.38	19.0150	151755.10	474.8277	5198013.26	10.7534	188047.22	51.1782	247299.93
6	HIGH	500.1035	5104803.69	200.0999	1557166.75	5002.5196	53463482.54	99.9240	1862607.43	499.8811	2359076.02
7	RINSE	0.0757	1727.90	-0.0088	284.45	0.0551	6741.76	0.0023	117.78	0.0126	251.12
8	ICV	99.0233	1018447.11	37.2824	292405.46	907.5365	9770286.52	21.3084	371595.60	98.8123	469636.06
9	ICB	0.0048	938.93	-0.0010	340.01	-0.0600	5309.52	-0.0002	71.11	-0.0088	141.12
10	LIV	0.9647	10742.52	0.4554	3893.86	10.4892	118268.45	0.5361	9102.64	2.0131	9709.66
11	ICSA	0.2317	3203.70	0.7205	5900.03	22810.4764	2.41944E+08	0.0522	982.26	0.0306	320.01
12	ICSAB	52.3864	546910.31	21.0119	167277.85	23875.4650	2.60549E+08	10.5912	196419.16	52.6907	254082.17
13	CCV	49.2133	524552.57	19.2964	156876.50	480.6825	5361333.88	10.5081	192472.35	51.1244	251686.92
14	CCB	-0.0019	878.93	0.0020	368.90	0.0545	6645.09	-0.0015	47.78	-0.0078	147.78
15	IP220310-1MB ...	0.0664	1669.00	0.0080	433.35	0.7313	14759.29	0.0003	82.22	-0.0043	171.11
16	IM220310-1RVS...	0.5101	6488.02	0.2488	2429.11	5.3853	67710.99	0.2496	4575.15	0.9045	4754.09
17	IM220310-1LCS...	49.4805	549884.59	9.5319	80992.19	452.0952	5257903.15	10.5891	197858.48	51.5955	264844.35
18	IM220310-1LCS...	50.3229	556281.68	9.7274	82205.90	457.2352	5289139.82	10.6168	200984.53	52.4492	267783.38
19	2203068-1 10X	8.1862	90529.50	918.2481	7663416.92	20332.8171	2.33045E+08	3.7303	72485.49	9.6634	49095.51
20	2203068-1 100X	0.7789	9531.76	94.2622	793850.70	1934.9492	22373897.17	0.3664	6931.56	0.9009	4790.76
21	2203068-2 10X	7.9239	92754.89	1039.7565	9181121.30	22515.8076	2.73035E+08	3.4924	72885.24	9.0609	48720.06
22	2203068-2 100X	0.7709	9425.02	109.1648	917559.24	2201.6230	25410455.46	0.3473	6629.20	0.8745	4648.50
23	2203068-3 10X	8.0779	89839.25	631.0305	5295193.40	12348.1068	1.42304E+08	3.3685	66656.72	9.4519	48288.68
24	2203068-3 100X	0.7621	9735.22	65.0937	571068.16	1202.8129	14489605.20	0.3372	6698.12	0.9239	5113.10
25	CCV	48.9106	551432.34	19.1561	164703.44	469.1995	5535135.75	10.3865	200572.29	50.1796	261313.92
26	CCB	0.0084	930.04	0.0078	391.12	0.0829	6551.68	-0.0003	64.44	-0.0049	152.23
27	2203068-4 10X	6.9887	78830.33	652.5125	5544576.03	12931.3009	1.50901E+08	2.9804	58936.66	8.1350	42117.50
28	2203068-4 100X	0.6916	8697.96	68.4242	585177.32	1280.4817	15037019.36	0.3015	5803.33	0.7582	4125.03
29	2203068-5 10X	10.5514	113707.79	1083.9266	8834601.59	16088.3963	1.80090E+08	4.6626	88110.97	11.3037	56057.43
30	2203068-5 100X	1.0149	11486.36	113.7315	906363.05	1582.5946	17319602.24	0.4899	8639.05	1.1307	5645.51
31	2203068-6 10X	6.4498	70980.39	1082.3641	8963984.92	15328.4169	1.74344E+08	2.7543	53104.58	6.6914	33796.05

Analyte Table

		52 Cr [2]		55 Mn [2]		56 Fe [2]		59 Co [2]		60 Ni [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
32	2203068-6 100X	0.6294	8291.09	110.0416	974932.53	1450.5805	17649687.65	0.2776	5532.12	0.6278	3575.99
33	2203068-7 10X	11.0365	127422.75	1214.2516	10605945.69	17602.2797	2.11152E+08	4.9281	102427.51	12.4372	66064.03
34	2203068-7 100X	1.0255	12309.12	123.6552	1045857.81	1665.9878	19350999.71	0.5021	9469.52	1.1746	6215.71
35	2203068-8 10X	5.8250	61091.46	1069.4660	8428309.39	14466.4903	1.56579E+08	2.5562	45370.38	6.1186	29422.02
36	2203068-8 100X	0.5625	7200.56	110.7510	940205.28	1396.7533	16284795.18	0.2458	4662.95	0.5775	3165.91
37	CCV	47.6675	519464.08	18.7075	155509.46	463.2487	5282316.07	10.4561	189274.61	49.9525	251413.83
38	CCB	0.0005	934.49	0.0145	485.57	0.1372	7826.24	-0.0009	60.00	-0.0165	107.78
39	2203068-9 10X	6.8180	81529.90	1176.9054	10598349.30	15849.3267	1.96010E+08	2.8411	60311.76	7.2618	39861.95
40	2203068-9 100X	0.6566	8811.34	121.6755	1103593.08	1536.6191	19141870.13	0.2966	6145.69	0.6976	4043.90
41	2203068-10 10X	7.4511	80317.22	1087.8839	8839850.76	15422.5960	1.72107E+08	3.0410	59302.43	7.9688	39450.95
42	2203068-10 100X	0.6965	8626.81	110.5154	931190.21	1467.2967	16978929.75	0.3013	5853.36	0.7102	3820.51
43	CCV	50.3661	592022.61	19.7174	176778.68	489.4242	6019502.20	10.4845	214451.77	51.8937	281744.69
44	CCB	0.0053	1091.16	0.0119	513.35	0.1776	9166.68	-0.0015	56.67	-0.0109	151.11
45	IP220307-1MB ...	0.0999	2219.07	0.2130	2353.54	96.3568	1221900.71	0.0028	145.56	0.0139	287.79
46	IM220307-1LCS...	53.5047	647158.55	10.2808	95045.48	495.9875	6278121.37	10.8905	231787.43	55.2974	308942.38
47	IM220307-1LCS...	54.1730	682033.25	10.3836	99918.93	489.5404	6449688.45	10.6418	239780.98	55.3741	322018.55
48	2202268-1 10X	1.0849	13787.00	3.9820	36180.98	432.2283	5342422.84	0.0499	1150.06	0.6822	3924.97
49	2202268-2 10X	0.4942	4412.88	6.3500	37170.91	171.8342	1376378.83	0.0784	1398.97	0.5007	1897.92
50	2202268-3 10X	0.4428	6801.49	25.5495	251736.59	2164.5926	29247366.23	0.3014	7248.38	0.4160	2705.82
51	CCV	52.4862	666149.97	20.3914	197406.56	499.6281	6635967.40	10.5908	239644.42	53.1562	311634.52
52	CCB	0.0051	1185.61	0.0261	702.25	0.1850	10072.02	-0.0011	72.22	-0.0120	157.78
53	IP220309-4MB ...	0.0349	1553.43	0.0347	775.58	0.6722	16553.34	-0.0004	87.78	-0.0084	176.67
54	IM220309-4LCS...	55.0967	702648.95	10.4691	102049.25	491.5160	6560254.69	11.1339	250126.31	56.2663	331473.63
55	IM220309-4LCS...	54.2964	701421.47	10.3614	102315.97	487.1873	6586684.28	10.8693	246736.92	55.3290	330171.11
56	2203118-1 10X	0.0633	1869.02	25.0164	241908.10	85.2631	1137599.38	0.1501	3484.87	0.7088	4370.64
57	2203118-1 100X	0.0151	1314.51	2.4107	24727.57	8.1387	120132.31	0.0142	428.90	0.0499	535.57
58	2203118-1 1000X	0.0243	1417.86	0.2503	2920.31	1.5323	28325.78	0.0005	107.78	-0.0090	173.34
59	2203118-2 10X	1.6522	21850.25	0.5847	6024.52	12.0775	166222.16	0.0378	947.82	113.8123	662269.91
60	2203118-2 100X	0.1743	3392.64	0.0867	1300.07	2.8725	46865.57	0.0027	160.00	11.4386	69551.19
61	2203118-2 1000X	0.0428	1645.67	0.0070	496.68	0.1778	9746.80	-0.0020	51.11	1.1348	7016.04
62	CCV	51.7977	650151.31	19.9879	191363.28	489.5805	6430700.32	10.4688	230312.11	51.7238	299896.61

Analyte Table

		52 Cr [2]		55 Mn [2]		56 Fe [2]		59 Co [2]		60 Ni [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
63	CCB	0.0092	1178.95	0.0087	500.01	-0.0914	5935.25	-0.0014	61.11	-0.0142	136.67
64	2203118-3 10X	0.1113	2514.67	0.1394	1790.12	2.9520	46987.06	0.0012	122.23	0.0882	747.81
65	2203118-3 100X	0.0219	1290.07	0.0108	501.13	0.3853	11778.16	-0.0008	73.34	-0.0078	167.78
66	2203118-3 1000X	0.0401	1591.21	0.0285	700.03	2.1326	35725.00	-0.0014	62.22	0.0044	248.89
67	CCV	51.6599	661380.72	19.9989	195303.95	492.3568	6596053.86	10.4920	237315.55	52.1028	308130.68
68	CCB	0.0070	1097.84	-0.0006	392.24	-0.1329	5137.93	-0.0014	57.78	-0.0161	120.00
69	IP220310-4MB ...	0.0390	1554.54	-0.0035	382.23	0.0042	7195.35	-0.0001	88.89	-0.0032	201.11
70	IM220310-4RVS...	0.5353	7730.83	0.2388	2683.59	5.2413	75532.08	0.2453	5319.83	0.9387	5634.39
71	IM220310-4LCS...	50.7218	657377.34	9.7150	96266.01	456.0345	6185637.20	10.4345	233228.36	52.2089	312549.27
72	IM220310-4LCS...	52.2848	674195.88	9.9986	98555.67	470.2964	6346222.82	10.6426	240079.90	53.6613	319606.53
73	2203029-1	0.3373	4717.41	0.4717	4394.00	5.7803	74071.48	0.0022	137.78	0.0385	394.46
74	2203029-1 10X	0.0506	1760.20	0.0475	902.26	0.4668	13760.46	0.0005	107.78	-0.0137	144.45
75	2203029-1 100X	0.0226	1420.08	-0.0046	391.12	0.1657	9844.60	-0.0011	72.22	-0.0204	106.67
76	2203149-1 10X	0.1590	3185.97	6.6499	66779.02	39.8108	552915.90	0.0116	356.68	0.3283	2214.63
77	CCV	50.9507	642797.72	19.8058	190593.56	486.4044	6421450.94	10.4172	231376.70	51.9858	302937.22
78	CCB	0.0013	1061.16	-0.0017	393.34	-0.1405	5202.33	-0.0014	60.00	0.0002	217.89
79	CCV	50.3624	633189.06	19.3835	185881.80	476.7633	6272033.86	10.4691	227985.75	51.2417	297560.70
80	CCB	0.0054	1173.39	-0.0011	421.12	-0.1417	5467.98	-0.0019	52.22	-0.0184	116.67
81	IP220302-4MB ...	0.0362	1455.64	0.0004	402.23	0.0501	7485.86	-0.0014	60.00	-0.0020	198.90
82	IM220302-4LCS...	53.0404	668545.83	10.0649	96972.22	477.3562	6296543.03	10.8325	237639.61	54.3454	316418.93
83	IM220302-4LCS...	52.5784	673368.10	10.0018	97911.99	471.0661	6313719.49	10.8004	238566.66	53.6457	317345.01
84	2202321-1 10X	0.1223	2440.21	3.7256	33920.60	0.2501	9783.46	0.0213	541.13	0.6875	3957.21
85	2202321-1 100X	0.0271	1420.09	0.3569	3889.40	0.3556	11977.07	0.0024	147.78	0.0700	634.47
86	2202321-2 10X	0.0360	1444.53	0.1767	2012.38	0.4473	12418.67	0.0011	114.45	0.0396	428.90
87	2202321-3 10X	0.0494	1643.43	0.0096	496.68	0.5094	13519.62	-0.0010	71.11	-0.0137	136.67
88	2202321-4 10X	0.0654	1358.97	44.4076	307303.10	74.7684	715026.63	0.5735	10466.80	0.0675	441.13
89	2202321-5 10X	0.0887	1170.06	54.3345	280152.80	132.6935	942617.36	0.0655	1032.27	0.1621	624.46
90	2202321-6 10X	0.0784	1115.61	243.0660	1269683.18	244.6679	1758555.91	0.0763	1226.73	0.0388	242.23
91	CCV	50.0167	615625.98	19.4791	182871.16	473.5501	6099397.82	10.0268	218727.12	50.0172	284371.66
92	CCB	0.0151	1313.41	-0.0014	422.24	-0.1249	5761.48	-0.0013	70.00	-0.0192	113.33
93	2202321-7 10X	0.0923	1416.75	187.6421	1147265.48	41.6534	354209.07	0.1413	2500.23	0.7299	2845.85

Analyte Table

		52 Cr [2]		55 Mn [2]		56 Fe [2]		59 Co [2]		60 Ni [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
94	2202321-8 10X	0.1887	3247.04	0.0535	878.92	1.5399	25925.42	-0.0008	75.56	0.0110	267.78
95	2202321-9 10X	0.0417	1514.55	64.2848	589216.42	16.3697	212716.70	0.0041	182.23	-0.0115	145.56
96	2202321-10 10X	0.0274	1361.21	43.2163	401659.00	33.3118	431680.74	0.0098	301.12	-0.0083	165.56
97	2202321-11 10X	0.0407	1264.51	780.9757	6017658.23	0.8832	15074.42	0.3873	7457.36	1.3482	6474.70
98	2202321-11 100X	0.0078	1116.72	77.0863	712057.23	-0.1024	5568.21	0.0374	887.81	0.0940	736.69
99	2202321-12 10X	0.0440	1377.86	1.2153	10303.37	1.9864	28422.51	0.0020	121.11	0.1475	920.04
100	2202321-12 100X	0.0197	1207.84	0.1241	1481.21	0.1880	8857.40	-0.0017	51.11	-0.0054	173.34
101	2202321-13 10X	0.0820	1280.07	1092.4683	6408376.41	1.4868	16332.64	0.5588	9020.36	1.0336	3810.50
102	CCV	47.8759	579156.28	18.7384	172897.81	456.0501	5772659.50	9.9947	208305.86	48.5373	271179.23
103	CCB	-0.0020	1011.16	-0.0014	392.23	-0.0646	6123.88	-0.0013	60.00	-0.0281	54.44
104	2202321-14 10X	0.0367	1215.62	612.7554	4691912.59	0.4616	10547.23	0.2187	4179.48	0.9942	4790.77
105	2202321-14 100X	0.0243	1220.06	60.9296	521965.59	0.1325	7923.03	0.0205	491.13	0.0729	574.46
106	2202321-15 10X	0.0299	1366.74	58.1861	531329.30	2.3151	35796.75	0.1400	2982.54	0.2132	1388.97
107	2202321-16 10X	0.0222	1262.29	5.3640	48814.37	0.1769	8906.21	0.0129	352.23	0.0922	711.14
108	2202321-16 100X	0.0076	1121.17	0.5345	5370.97	0.0385	7402.33	-0.0007	74.45	-0.0192	104.45
109	CCV	48.3123	580715.36	18.9018	173299.10	459.8855	5784595.54	10.0031	207222.74	48.6585	270137.15
110	CCB	0.0064	1127.83	0.0029	437.79	-0.1745	4774.25	-0.0016	57.78	-0.0234	82.22
111	RINSE	0.0834	1935.70	0.0159	521.13	0.3269	10490.74	-0.0011	61.11	-0.0161	115.56
112	RINSE	0.0711	1841.24	0.0060	445.57	0.3214	10694.70	-0.0011	63.33	-0.0178	108.89
113	RINSE	0.0598	1744.56	0.0082	475.57	0.3034	10707.49	-0.0001	85.56	-0.0093	158.89
114	RINSE	0.0643	1681.22	0.0114	472.24	0.3363	10387.10	-0.0003	76.67	-0.0145	121.11

Analyte Table

		63 Cu [2]		66 Zn [2]		75 As [2]		78 Se [2]		88 Sr [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
1	RINSE	0.0046	1263.40	-0.3157	916.74	0.0058	13.67	-0.0031	0.53	-0.0103	110.01
2	BLANK	0.0000	1217.84	0.0000	1723.50	0.0000	7.67	0.0000	1.07	0.0000	183.34
3	H/1000	1.0936	13960.56	1.7224	6578.26	0.1044	117.00	0.0865	16.93	0.0757	793.39
4	H/100	10.5527	119901.22	19.7640	54452.42	1.0474	1086.37	0.9678	173.07	0.9624	7695.53
5	H/10	105.9984	1221360.75	200.0264	547357.41	10.0007	10725.88	9.9688	1813.84	9.8539	80130.86
6	HIGH	999.3945	11243182.05	1825.7411	4867018.99	99.9994	114295.72	100.0035	17767.65	100.0150	865299.39
7	RINSE	0.0268	1667.89	-0.3944	796.73	0.0021	11.00	0.0086	2.80	-0.0029	183.34
8	ICV	209.1996	2370526.85	394.1227	1059347.30	19.4927	20845.99	19.6050	3508.65	19.5068	158035.88
9	ICB	-0.0021	1291.18	-0.0770	1650.16	0.0033	12.00	0.0163	4.13	-0.0077	140.01
10	LIV	2.1626	25687.04	9.7651	27921.84	0.1929	207.33	1.0394	186.40	0.4531	3737.28
11	ICSA	0.0333	1637.89	0.5607	3273.83	0.0172	26.67	0.0275	6.00	0.2865	2516.99
12	ICSAB	107.6950	1238245.92	221.7458	605327.66	10.0648	11450.72	10.0953	1833.04	10.1404	87452.64
13	CCV	106.4382	1249576.44	199.7757	556935.41	9.8888	11109.82	10.1427	1879.84	9.7576	83116.32
14	CCB	-0.0076	1241.17	-0.0432	1763.51	-0.0014	7.00	0.0080	2.67	0.0004	206.68
15	IP220310-1MB ...	-0.0021	1356.74	-0.5087	486.70	0.0008	9.67	0.0055	2.27	-0.0115	113.34
16	IM220310-1RVS...	0.9887	13256.62	4.2117	13929.89	0.1242	146.00	0.4098	79.07	0.2505	2303.62
17	IM220310-1LCS...	108.1981	1324344.01	200.3366	582326.79	10.0849	11558.80	10.0435	1941.32	9.8754	85813.61
18	IM220310-1LCS...	110.3031	1342919.81	204.1001	590132.60	10.1054	11731.92	9.9567	1914.38	9.9778	87835.06
19	2203068-1 10X	83.4026	1007547.01	1239.0174	3543417.86	711.9670	847279.73	1.1803	226.13	33.2255	299489.12
20	2203068-1 100X	8.0270	99058.09	128.1636	371468.08	71.0891	81558.79	0.1131	22.93	3.2520	28449.81
21	2203068-2 10X	75.8584	969744.37	1312.8205	3972451.40	761.8942	973762.00	1.2290	249.07	28.7257	278113.17
22	2203068-2 100X	7.5551	93139.61	138.7697	401298.93	77.5045	89629.07	0.1243	25.07	2.9052	25645.08
23	2203068-3 10X	39.1748	476554.39	673.7741	1938214.24	317.0707	384293.53	1.1613	223.73	67.9210	623259.65
24	2203068-3 100X	3.9266	51204.38	70.8193	214706.17	31.5581	37969.74	0.1263	26.53	6.7746	61901.24
25	CCV	105.2445	1306879.43	198.2797	584679.42	9.8700	11689.89	10.0786	1975.99	9.6703	86838.72
26	CCB	0.0022	1274.51	-0.0634	1606.82	0.0097	18.00	0.0021	1.47	0.0052	233.35
27	2203068-4 10X	37.0147	456056.63	702.8033	2047233.88	336.7046	407618.38	0.9339	182.53	47.0143	431062.75
28	2203068-4 100X	3.7170	47324.97	74.1522	219052.65	34.6305	40313.96	0.0941	19.60	4.6693	41347.98
29	2203068-5 10X	48.4884	572645.41	855.7602	2390789.13	377.8072	437354.51	1.1283	211.20	35.5704	311855.25
30	2203068-5 100X	4.7715	56251.78	88.7097	243868.69	38.7385	41532.34	0.1329	25.33	3.6804	30062.56
31	2203068-6 10X	59.9124	718621.74	1040.0712	2951876.00	471.4350	556243.85	0.8866	168.93	24.3743	217907.21

Analyte Table

		63 Cu [2]		66 Zn [2]		75 As [2]		78 Se [2]		88 Sr [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
32	2203068-6 100X	5.7217	74717.85	105.7072	322664.66	46.4703	55930.66	0.0867	18.80	2.3819	21915.94
33	2203068-7 10X	56.0032	708489.83	1034.5956	3096611.21	411.5178	523832.48	1.4472	290.00	38.8776	374780.79
34	2203068-7 100X	5.3734	67064.39	105.6173	307826.94	41.9223	48103.64	0.1457	29.33	3.9742	34718.82
35	2203068-8 10X	56.4147	644003.31	1152.1792	3112040.99	548.0862	595415.61	0.9629	174.40	34.5665	284417.57
36	2203068-8 100X	5.4407	68138.99	117.2119	342653.45	52.5248	60042.14	0.0825	17.20	3.3077	28820.61
37	CCV	102.9990	1236184.95	192.9631	550018.11	10.0768	11188.88	9.8683	1869.98	9.7413	81997.66
38	CCB	0.0082	1475.65	-0.0282	1866.86	0.0115	21.33	0.0062	2.40	0.0070	266.68
39	2203068-9 10X	52.1097	679839.99	1198.2366	3697779.32	568.3538	738731.79	1.2840	265.33	22.4668	221247.12
40	2203068-9 100X	5.1418	68876.47	123.9880	387168.90	56.3245	70540.27	0.1423	30.80	2.2370	21438.52
41	2203068-10 10X	51.8476	610310.27	1128.6193	3142881.83	518.4673	619093.23	1.2589	234.80	25.0895	226983.43
42	2203068-10 100X	4.8486	60418.65	111.4453	323450.59	50.9078	59825.47	0.1068	21.73	2.4293	21829.13
43	CCV	107.0891	1386438.80	204.3047	630635.99	10.0814	12647.61	10.2308	2091.74	9.7307	92564.91
44	CCB	0.0006	1528.98	-0.0020	2143.58	0.0170	31.67	0.0063	2.67	-0.0097	146.68
45	IP220307-1MB ...	0.0015	1525.65	-0.5000	556.70	0.0223	38.67	0.0014	1.60	-0.0053	190.01
46	IM220307-1LCS...	111.9916	1491824.77	211.6285	669428.53	10.1810	13291.44	10.5087	2210.82	9.8242	97244.99
47	IM220307-1LCS...	112.1337	1555079.77	211.0160	694794.99	10.0985	13956.34	10.4833	2295.77	9.8110	102802.78
48	2202268-1 10X	27.4664	358392.01	227.7334	703236.79	0.0634	92.67	1.6217	334.13	0.4912	5087.70
49	2202268-2 10X	1.7499	15662.12	721.9790	1439120.76	0.2027	218.33	0.4174	56.27	2268.1588	17822652.65
50	2202268-3 10X	46.3829	661149.54	245.6071	829741.73	0.1197	185.67	9.3974	2112.41	0.8777	9920.27
51	CCV	105.1680	1470281.95	210.3473	698225.80	10.0583	13961.01	10.5215	2322.57	9.7427	102517.23
52	CCB	0.0433	2286.87	0.0668	2573.65	0.0054	19.00	0.0053	2.67	0.0178	463.36
53	IP220309-4MB ...	0.0587	2470.23	-0.3624	1070.09	0.0032	15.67	0.0019	1.87	0.0280	566.71
54	IM220309-4LCS...	112.2492	1576839.94	216.0344	720545.30	10.4147	14351.34	10.6192	2355.51	10.1859	106444.15
55	IM220309-4LCS...	112.1457	1595842.71	212.6736	718553.29	10.2628	14290.30	10.3255	2320.30	9.9713	105272.72
56	2203118-1 10X	0.1586	3796.06	0.3488	3390.51	0.6569	921.03	0.0112	3.87	268.7629	2818182.04
57	2203118-1 100X	0.0476	2343.54	-0.4063	933.41	0.0687	109.33	0.0059	2.80	27.1348	293412.09
58	2203118-1 1000X	0.0637	2545.80	-0.5312	496.70	0.0093	24.33	0.0072	3.07	2.8038	30163.25
59	2203118-2 10X	0.1085	3075.89	-0.0651	2010.22	0.0111	26.33	0.1101	25.47	182.5696	1909877.42
60	2203118-2 100X	0.1222	3403.73	-0.3454	1136.76	0.0041	17.00	0.0183	5.60	19.0764	204271.22
61	2203118-2 1000X	0.0625	2509.12	-0.5212	526.70	0.0009	12.33	0.0038	2.27	1.9309	20740.88
62	CCV	101.4637	1402901.13	202.5066	664843.84	9.9079	13369.86	9.9094	2163.48	9.6275	98498.62

Analyte Table

		63 Cu [2]		66 Zn [2]		75 As [2]		78 Se [2]		88 Sr [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
63	CCB	0.0093	1702.33	-0.5716	346.69	0.0096	23.67	0.0126	4.13	0.0187	446.70
64	2203118-3 10X	0.0711	2612.48	0.0126	2313.60	0.2146	308.67	0.0891	21.33	59.5086	625204.47
65	2203118-3 100X	0.0911	2734.72	-0.3625	996.75	0.0181	34.00	0.0164	4.80	5.8249	57956.41
66	2203118-3 1000X	0.1933	4315.07	-0.4259	836.74	0.0004	11.33	0.0069	2.93	0.6332	6758.43
67	CCV	104.6145	1475370.50	202.6903	678781.19	9.7731	13558.34	10.1497	2260.03	9.6809	101839.97
68	CCB	-0.0044	1445.64	-0.5213	490.03	-0.0026	6.67	0.0071	2.80	0.0020	256.68
69	IP220310-4MB ...	0.0167	1805.68	-0.5088	553.37	0.0017	12.67	0.0065	2.80	0.0171	416.69
70	IM220310-4RVS...	1.0620	16164.82	3.9293	15007.53	0.0945	134.00	0.4213	92.93	0.2388	2610.37
71	IM220310-4LCS...	104.7575	1495480.43	196.4187	665951.23	9.6100	13175.35	9.2070	2075.34	9.4943	98714.34
72	IM220310-4LCS...	108.3303	1538555.70	201.8105	680665.04	9.7958	13553.68	9.5296	2137.34	9.6897	101653.11
73	2203029-1	0.1748	3553.77	-0.2255	1320.12	0.0728	105.67	0.0224	5.60	1124.7885	11131415.67
74	2203029-1 10X	0.0301	2061.27	-0.5113	563.37	0.0069	21.00	0.0049	2.53	120.8480	1294008.63
75	2203029-1 100X	-0.0044	1593.44	-0.5673	380.02	0.0036	16.33	0.0024	2.00	12.2138	131147.20
76	2203149-1 10X	1.5010	23285.60	1.3218	6831.74	-0.0002	10.67	0.0107	3.87	1.1760	12612.18
77	CCV	104.3444	1450076.82	203.7357	672271.19	9.7744	13316.48	10.0651	2208.29	9.5849	99012.31
78	CCB	-0.0045	1485.65	-0.5740	333.35	-0.0021	7.67	0.0079	3.07	0.0069	316.69
79	CCV	102.3185	1416585.05	198.9038	654055.13	9.8172	13113.31	9.7473	2131.21	9.4562	95783.97
80	CCB	-0.0051	1558.99	-0.5882	303.35	-0.0021	8.00	0.0072	3.07	0.0028	290.02
81	IP220302-4MB ...	0.0228	1814.58	-0.2669	1303.46	-0.0017	8.00	0.0077	2.93	0.0105	343.35
82	IM220302-4LCS...	110.2732	1531003.69	212.1912	699472.07	10.1362	13639.06	10.1884	2233.89	9.7585	99555.65
83	IM220302-4LCS...	110.0607	1552666.26	207.7579	695967.02	10.0313	13590.69	10.2682	2287.90	9.8313	100995.22
84	2202321-1 10X	0.1799	3816.06	-0.2324	1370.13	3.0544	3979.83	7.2242	1486.20	699.9922	6886728.85
85	2202321-1 100X	0.0902	2859.19	-0.5178	530.04	0.3087	434.68	0.7687	172.00	75.2751	782842.75
86	2202321-2 10X	0.0516	2180.17	-0.4438	730.05	0.0118	26.00	0.0998	22.13	431.5301	4309929.00
87	2202321-3 10X	0.0764	2570.24	-0.2710	1303.45	0.0186	35.67	0.1639	36.40	249.2306	2540641.89
88	2202321-4 10X	0.0415	1547.88	-0.5294	350.02	0.0735	90.67	0.0317	6.00	1307.3010	10992526.50
89	2202321-5 10X	0.1448	1922.36	-0.3181	633.37	0.0859	85.00	0.0970	12.13	3430.5888	23600517.15
90	2202321-6 10X	0.2243	2550.23	0.0914	1373.46	0.2267	219.00	0.0877	11.20	3330.6182	23540047.98
91	CCV	104.0202	1410166.12	199.4677	642139.68	9.5204	12739.36	9.8949	2118.01	9.4926	96322.50
92	CCB	0.0448	2302.42	-0.5321	500.03	0.0038	17.00	0.0053	2.67	0.0271	573.37
93	2202321-7 10X	0.1202	2064.61	-0.2980	793.39	0.0747	86.67	1.9927	279.07	2478.1030	19745847.21

Analyte Table

		63 Cu [2]		66 Zn [2]		75 As [2]		78 Se [2]		88 Sr [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
94	2202321-8 10X	0.1530	3490.42	-0.0854	1836.85	0.0571	87.67	1.5735	327.07	239.5464	2447475.69
95	2202321-9 10X	0.0782	2536.90	-0.4794	620.04	0.6008	813.02	0.0148	4.40	194.9855	1971702.11
96	2202321-10 10X	0.0748	2525.79	-0.1317	1733.52	0.2364	322.33	0.0056	2.53	230.9869	2308196.63
97	2202321-11 10X	0.3018	4622.95	0.4053	2857.05	0.1034	130.00	0.3846	68.80	984.8272	8707743.83
98	2202321-11 100X	0.0958	2790.28	-0.4895	593.37	0.0107	24.33	0.0532	12.53	103.0042	1022583.79
99	2202321-12 10X	0.2385	4163.94	-0.2709	1140.09	0.6071	738.69	12.3861	2316.70	781.0870	7101709.69
100	2202321-12 100X	0.0722	2374.65	-0.5484	390.02	0.0650	90.33	1.2875	261.33	81.6890	767279.70
101	2202321-13 10X	0.3604	4017.21	0.0644	1490.14	0.0880	94.33	0.2216	30.53	2725.3742	20261990.11
102	CCV	100.9273	1344713.59	194.4960	615410.51	9.6235	12302.33	9.7776	2056.93	9.4043	91166.01
103	CCB	0.0499	2206.85	-0.5013	563.37	-0.0025	7.00	0.0043	2.27	0.0125	363.35
104	2202321-14 10X	0.3081	4665.18	-0.0048	1763.50	0.2279	271.00	0.5541	98.00	968.2545	8422386.75
105	2202321-14 100X	0.1050	2702.49	-0.4770	586.71	0.0290	45.00	0.0592	12.80	101.6394	937534.02
106	2202321-15 10X	0.2347	4590.71	-0.3443	1040.09	0.2902	378.01	0.3977	84.13	159.4516	1530926.85
107	2202321-16 10X	0.1319	3199.25	-0.5413	420.03	0.3257	420.68	3.0856	637.48	180.3721	1721597.68
108	2202321-16 100X	0.0799	2595.80	-0.5722	333.35	0.0291	48.00	0.2801	60.80	18.4437	181576.97
109	CCV	101.4901	1343639.01	194.9315	612845.06	9.5030	12075.17	9.7680	2041.87	9.5093	91622.64
110	CCB	0.0520	2264.64	-0.5024	566.70	-0.0019	8.00	0.0005	1.47	-0.0019	233.34
111	RINSE	0.0888	2570.24	-0.2773	1203.44	-0.0005	9.00	0.0056	2.40	0.0273	476.70
112	RINSE	0.0774	2486.89	-0.2738	1246.77	-0.0015	8.00	0.0098	3.33	0.0260	480.03
113	RINSE	0.0663	2397.99	-0.2254	1426.80	-0.0022	7.33	0.0076	2.93	0.0297	533.37
114	RINSE	0.0597	2155.73	-0.2760	1183.45	-0.0021	7.00	-0.0022	0.80	0.0282	480.03

Analyte Table

		89 Y [2]		98 Mo [2]		109 Ag [2]		111 Cd [2]		118 Sn [1]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
1	RINSE	-0.0006	40.00	0.0032	72.22	0.0022	75.55	-0.0015	5.32	0.1390	28493.54
2	BLANK	0.0000	46.67	0.0000	40.00	0.0000	36.67	0.0000	10.67	0.0000	20754.52
3	H/1000	0.0149	283.35	0.0948	1016.72	0.0120	264.45	0.0300	127.90	0.3257	35370.96
4	H/100	0.2049	3247.15	1.0114	10309.04	0.1076	1994.60	0.2931	1119.03	5.3192	234943.55
5	H/10	2.0790	33930.31	10.0631	106344.50	1.0128	18883.68	3.0248	11717.92	54.5734	2272150.28
6	HIGH	19.9921	363536.19	99.9936	1126696.52	9.9986	181801.77	29.9976	113449.70	499.5396	22699033.83
7	RINSE	-0.0013	33.33	0.0129	185.56	0.0024	86.67	-0.0023	2.65	0.2726	38170.77
8	ICV	4.1362	66958.16	20.1392	212283.30	2.0242	37093.49	5.9096	22513.11	104.6260	4384500.25
9	ICB	-0.0015	26.67	0.0043	90.00	0.0001	41.11	-0.0023	2.66	0.0017	22443.67
10	LIV	0.0581	976.73	0.2071	2151.29	0.0574	1085.61	0.2064	794.48	0.9505	60621.62
11	ICSA	-0.0007	40.00	195.2434	2053645.89	0.0050	128.89	-0.0006	8.69	-0.0860	19012.25
12	ICSAB	2.0842	36038.62	200.8260	2250208.80	1.0057	18704.57	3.0787	11899.95	51.1252	2475443.40
13	CCV	2.0545	35266.81	9.8805	109386.34	1.0231	19433.21	3.0207	11921.73	53.1029	2336029.65
14	CCB	-0.0013	30.00	0.0095	145.56	-0.0008	24.44	-0.0019	3.99	-0.0282	21746.24
15	IP220310-1MB ...	-0.0012	33.33	0.0091	145.56	0.0005	51.11	-0.0023	2.66	0.1647	30936.16
16	IM220310-1RVS...	0.0217	423.36	0.0976	1108.94	0.0676	1354.53	0.0981	408.56	0.6622	51874.90
17	IM220310-1LCS...	2.0096	34925.81	9.9339	112182.74	1.0085	19971.65	2.9037	11948.17	54.0279	2413654.13
18	IM220310-1LCS...	2.0323	36285.57	9.9228	113513.52	1.0266	20224.23	2.9832	12212.90	53.3871	2460118.19
19	2203068-1 10X	6.5380	119168.23	0.7445	8783.67	5.5991	109227.65	9.2493	37531.57	2.9529	160878.18
20	2203068-1 100X	0.6782	11731.56	0.0752	897.82	0.5487	10834.99	0.8815	3619.02	0.1590	30912.02
21	2203068-2 10X	5.6500	110634.33	1.1705	14800.36	6.5005	134162.41	9.8455	42267.48	3.4618	197702.87
22	2203068-2 100X	0.5624	9916.85	0.1166	1376.75	0.6306	12420.60	0.9431	3863.04	0.2085	34195.09
23	2203068-3 10X	6.6182	121256.98	0.5311	6393.61	2.7001	52972.85	4.5318	18492.25	1.4761	90162.63
24	2203068-3 100X	0.6414	11774.79	0.0522	668.91	0.2683	5541.06	0.4241	1820.06	-0.0235	23969.21
25	CCV	1.9475	35143.23	9.6855	113050.12	1.0078	20247.68	2.9714	12401.11	52.2380	2446306.52
26	CCB	-0.0008	36.67	0.0022	64.44	-0.0004	30.00	-0.0015	5.32	-0.0638	20320.72
27	2203068-4 10X	5.6075	102725.21	0.4393	5292.08	2.8298	56215.05	5.1581	21317.27	1.1888	83469.57
28	2203068-4 100X	0.5912	10423.83	0.0434	545.58	0.2850	5733.36	0.5180	2164.12	-0.0494	22169.81
29	2203068-5 10X	8.5907	149249.75	0.7507	8613.54	3.8221	72831.14	6.7482	26745.11	1.2888	81927.65
30	2203068-5 100X	0.8333	13589.59	0.0709	793.37	0.3728	6979.42	0.6581	2560.15	0.0099	23074.72
31	2203068-6 10X	4.8296	86414.67	0.6214	7272.87	4.6781	90560.51	8.5832	34559.00	1.6436	104323.77

Analyte Table

		89 Y [2]		98 Mo [2]		109 Ag [2]		111 Cd [2]		118 Sn [1]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
32	2203068-6 100X	0.4786	8742.82	0.0605	765.58	0.4459	9270.62	0.7973	3444.33	-0.0352	25672.10
33	2203068-7 10X	8.8059	167378.72	0.7035	8868.17	4.7632	97194.32	8.0811	34294.34	1.4200	98361.40
34	2203068-7 100X	0.8650	15174.66	0.0662	796.70	0.4593	9116.07	0.7987	3294.29	-0.0468	22229.94
35	2203068-8 10X	4.1876	68915.56	0.6109	6587.01	4.9546	91280.13	9.1226	34957.30	1.4612	84739.80
36	2203068-8 100X	0.4183	7265.33	0.0606	728.92	0.4862	9683.08	0.8903	3684.39	-0.0416	22226.54
37	CCV	2.0472	34945.93	9.9021	108335.10	0.9861	19148.41	2.9804	12024.58	51.6890	2315513.40
38	CCB	0.0002	56.67	-0.0007	37.78	0.0003	46.67	-0.0018	4.67	-0.0717	20511.01
39	2203068-9 10X	4.8849	95742.80	0.7711	9934.34	4.9082	103321.33	9.1244	39948.69	1.8625	121338.86
40	2203068-9 100X	0.4698	9122.97	0.0789	1025.61	0.4851	10323.54	0.8662	3831.06	-0.0067	26470.13
41	2203068-10 10X	5.5940	101394.49	0.7079	8381.20	4.5776	86951.85	8.3259	32893.43	1.7778	107389.70
42	2203068-10 100X	0.5691	10126.96	0.0743	908.93	0.4353	8608.03	0.7900	3246.27	-0.0029	24747.10
43	CCV	1.9871	38397.26	9.5738	118366.48	1.0033	21016.39	2.9708	12931.01	49.7001	2520102.10
44	CCB	-0.0006	50.00	-0.0003	48.89	0.0000	45.56	-0.0016	6.00	-0.0989	22253.44
45	IP220307-1MB ...	-0.0026	10.00	0.0003	56.67	-0.0002	41.11	-0.0019	4.66	0.1140	33631.54
46	IM220307-1LCS...	1.9908	39864.44	9.8121	126228.60	1.0493	22614.13	3.0154	13506.01	52.8153	2752188.81
47	IM220307-1LCS...	2.0368	42839.04	9.5904	130618.67	1.0016	22476.19	2.9821	13904.62	50.9087	2702327.25
48	2202268-1 10X	0.0157	400.03	0.0335	483.35	0.0051	151.11	0.0094	53.95	1.1653	92607.50
49	2202268-2 10X	0.0300	550.04	0.1824	1909.03	0.0028	66.67	0.0180	59.14	1.1582	64510.33
50	2202268-3 10X	0.0408	1036.75	5.4476	78157.14	0.0014	80.00	0.2332	1128.98	1.1640	101253.83
51	CCV	1.9531	42129.89	9.3358	127689.61	0.9815	22203.61	2.9599	13912.25	49.4006	2677445.80
52	CCB	0.0006	83.34	-0.0002	56.67	-0.0001	47.78	-0.0019	5.33	-0.1042	24186.17
53	IP220309-4MB ...	-0.0021	23.33	-0.0003	53.34	0.0005	60.00	-0.0020	4.66	-0.1057	23932.32
54	IM220309-4LCS...	2.0497	43834.76	9.9549	135195.72	1.0414	23667.90	3.0060	14198.41	54.3724	2881609.02
55	IM220309-4LCS...	1.9750	42798.75	9.7759	134140.24	1.0095	23245.13	2.9551	14138.47	52.8510	2821869.02
56	2203118-1 10X	0.0013	96.67	0.6782	9318.39	0.0003	54.45	-0.0010	9.08	-0.0715	24887.45
57	2203118-1 100X	-0.0016	33.33	0.0626	940.04	-0.0004	40.00	-0.0020	4.57	-0.2110	18011.06
58	2203118-1 1000X	-0.0021	23.33	0.0073	158.89	-0.0002	45.56	-0.0023	3.32	-0.2280	16776.38
59	2203118-2 10X	-0.0003	60.00	1.2400	16949.17	0.0005	58.89	-0.0005	11.66	-0.1028	22924.52
60	2203118-2 100X	-0.0013	40.00	0.1189	1715.68	0.0003	55.56	-0.0020	4.50	-0.2331	16722.94
61	2203118-2 1000X	-0.0016	33.33	0.0117	218.89	-0.0004	40.00	-0.0025	1.98	-0.2421	16162.22
62	CCV	1.9649	41117.55	9.3931	124906.78	0.9610	21501.48	2.8375	13190.56	50.0128	2630692.98

Analyte Table

		89 Y [2]		98 Mo [2]		109 Ag [2]		111 Cd [2]		118 Sn [1]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
63	CCB	-0.0019	26.67	0.0008	65.55	0.0001	48.89	-0.0017	5.99	-0.1090	22346.86
64	2203118-3 10X	0.0024	120.01	0.1616	2265.74	0.0000	47.78	-0.0016	6.44	-0.0860	23999.08
65	2203118-3 100X	-0.0015	33.33	0.0174	278.89	0.0006	58.89	-0.0009	9.31	-0.2050	16732.86
66	2203118-3 1000X	-0.0005	56.67	0.0013	73.33	0.0005	58.89	-0.0017	5.99	-0.2150	16856.51
67	CCV	1.9790	42444.41	9.3538	127895.75	0.9900	22588.63	2.9283	13884.22	50.5478	2677922.25
68	CCB	-0.0013	36.67	0.0019	75.56	-0.0009	26.67	-0.0025	1.99	-0.0998	19893.41
69	IP220310-4MB ...	-0.0009	46.67	-0.0013	36.67	0.0009	66.67	-0.0025	2.00	-0.0960	22233.32
70	IM220310-4RVS...	0.0194	460.03	0.0956	1286.74	0.0613	1408.97	0.0925	441.22	0.4420	47667.13
71	IM220310-4LCS...	1.9651	41802.48	9.3994	126997.05	0.9680	22363.83	2.7759	13325.14	52.1114	2669142.98
72	IM220310-4LCS...	1.9597	42317.50	9.5870	130723.81	0.9956	22881.23	2.9435	14056.73	51.8978	2696854.33
73	2203029-1	0.0050	243.35	0.0087	165.56	0.0021	83.33	-0.0013	6.65	0.1085	44283.60
74	2203029-1 10X	-0.0019	26.67	-0.0008	47.78	0.0005	60.00	-0.0016	6.67	-0.0182	28347.08
75	2203029-1 100X	-0.0030	3.33	-0.0018	33.34	0.0000	50.00	-0.0025	2.00	-0.1922	18541.69
76	2203149-1 10X	-0.0010	46.67	0.0564	828.92	0.0001	51.11	-0.0019	5.25	-0.0076	28039.41
77	CCV	1.9204	39783.74	9.4164	126416.95	0.9849	22145.70	2.9496	13778.92	51.6063	2636336.94
78	CCB	-0.0018	26.67	0.0010	66.67	-0.0005	35.55	-0.0016	5.99	-0.1201	20407.32
79	CCV	1.9768	40552.58	9.4074	123834.94	0.9732	21808.61	2.9059	13528.97	52.6951	2613419.60
80	CCB	-0.0016	33.33	0.0009	68.89	-0.0007	33.33	-0.0016	6.66	-0.1106	22029.64
81	IP220302-4MB ...	-0.0016	30.00	-0.0011	38.89	0.0011	68.89	-0.0022	3.33	-0.0905	22607.19
82	IM220302-4LCS...	1.9561	40829.74	9.8649	130810.03	1.0141	22778.89	2.9444	13743.12	54.8316	2697968.50
83	IM220302-4LCS...	1.9258	40840.01	9.6992	129511.70	1.0127	23122.69	2.9318	13908.09	52.2139	2636523.71
84	2202321-1 10X	0.0052	170.01	83.5794	1070915.75	0.0005	54.44	0.0027	24.65	-0.0371	24386.56
85	2202321-1 100X	-0.0017	30.00	8.1886	110925.63	-0.0003	41.11	-0.0010	9.02	-0.2264	15975.43
86	2202321-2 10X	0.0029	126.67	0.2773	3661.59	0.0000	44.44	-0.0008	9.64	-0.1295	20591.30
87	2202321-3 10X	0.0010	86.67	0.1266	1735.67	0.0005	57.78	-0.0018	5.16	-0.1525	20040.22
88	2202321-4 10X	0.0082	196.68	0.3143	3488.22	0.0004	41.11	0.0003	10.99	-0.1552	15828.71
89	2202321-5 10X	0.0182	310.02	0.2483	2261.31	0.0016	44.45	0.0052	20.44	-0.1508	12879.23
90	2202321-6 10X	0.0279	463.36	0.2190	2053.50	0.0021	51.11	0.0043	18.46	-0.1169	14487.33
91	CCV	1.9294	39713.56	9.1996	121298.33	0.9637	21142.09	2.8538	13008.11	50.3199	2458967.41
92	CCB	-0.0021	23.33	0.0007	70.00	-0.0009	28.89	-0.0017	5.99	-0.2027	19119.24
93	2202321-7 10X	0.0240	443.36	13.9176	144424.23	0.0013	48.89	0.0331	107.04	-0.1266	16038.95

Analyte Table

		89 Y [2]		98 Mo [2]		109 Ag [2]		111 Cd [2]		118 Sn [1]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
94	2202321-8 10X	-0.0013	40.00	0.2952	3983.89	0.0007	58.89	0.0003	14.27	-0.1772	19829.97
95	2202321-9 10X	-0.0001	63.33	0.6929	9180.56	0.0002	50.00	-0.0018	5.09	-0.1667	18755.34
96	2202321-10 10X	0.0002	70.00	0.4900	6430.29	0.0017	82.22	-0.0010	8.70	-0.1641	18064.37
97	2202321-11 10X	0.0184	390.02	63.0913	726594.54	0.0008	52.22	0.0528	208.74	-0.1697	16476.03
98	2202321-11 100X	0.0003	70.00	6.3129	81664.22	-0.0001	44.44	0.0039	30.58	-0.2610	13343.01
99	2202321-12 10X	0.0174	383.36	66.2445	784477.71	0.0009	57.78	0.0147	70.34	-0.1317	18254.73
100	2202321-12 100X	0.0010	80.00	6.5059	79617.76	0.0001	46.67	-0.0001	12.12	-0.2566	12728.97
101	2202321-13 10X	0.0465	753.38	16.6986	161682.92	0.0468	670.02	2.0826	5945.83	-0.1876	12685.69
102	CCV	1.8979	37254.42	9.3446	117720.19	0.9498	20479.01	2.8528	12777.57	51.7144	2373764.76
103	CCB	-0.0013	36.67	0.0032	93.34	-0.0004	36.67	-0.0027	1.32	-0.1583	17817.46
104	2202321-14 10X	0.0480	906.74	67.8461	768704.69	0.0013	61.11	0.1115	425.91	-0.1414	17206.94
105	2202321-14 100X	0.0015	86.67	6.7920	81632.09	0.0003	48.89	0.0106	56.58	-0.2554	12682.39
106	2202321-15 10X	0.0027	116.67	12.6334	157968.55	0.0010	66.67	0.0067	43.03	-0.1638	17713.99
107	2202321-16 10X	0.0002	66.67	28.7796	357781.03	0.0006	56.67	0.0025	23.91	-0.1508	18211.37
108	2202321-16 100X	-0.0021	20.00	2.7876	35750.24	-0.0001	43.33	-0.0026	1.79	-0.2705	12839.16
109	CCV	1.9588	37956.21	9.2529	115857.55	0.9424	20189.77	2.7925	12430.15	51.5986	2429526.11
110	CCB	-0.0017	30.00	0.0040	107.78	-0.0006	34.45	-0.0027	1.32	-0.1449	19409.42
111	RINSE	-0.0012	36.67	0.0026	80.00	0.0020	84.44	-0.0026	1.32	-0.0175	23919.21
112	RINSE	-0.0021	20.00	0.0031	88.89	0.0018	82.22	-0.0028	0.66	-0.0465	23568.70
113	RINSE	-0.0019	26.67	0.0004	57.78	0.0027	103.34	-0.0021	3.99	-0.0576	23568.64
114	RINSE	-0.0009	43.33	0.0004	54.44	0.0018	78.89	-0.0023	2.66	-0.0219	23578.55

Analyte Table

		121 Sb [2]		137 Ba [2]		139 La [2]		140 Ce [1]		141 Pr [1]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
1	RINSE	0.0046	57.78	-0.0011	53.33	0.0004	46.67	0.0003	543.37	0.0000	56.67
2	BLANK	0.0000	15.56	0.0000	56.67	0.0000	33.33	0.0000	473.37	0.0000	56.67
3	H/1000	0.0335	334.45	0.1075	396.69	0.0304	1096.76	0.0331	6364.94	0.0271	6485.00
4	H/100	0.3122	2938.10	0.9396	2907.08	0.2799	9723.52	0.2926	52216.19	0.2717	64305.54
5	H/10	3.1535	30755.86	9.3300	29038.60	2.8442	100570.73	3.0007	529795.72	2.7465	647853.62
6	HIGH	29.9845	311677.54	100.0676	303709.27	30.0158	1024960.61	32.9541	5439709.92	30.0256	6624842.82
7	RINSE	0.0010	27.78	0.0095	93.34	0.0008	63.33	0.0003	570.04	0.0002	113.34
8	ICV	6.1071	59392.85	19.1098	58451.92	5.9446	209405.86	6.0603	1059145.22	5.6981	1330686.70
9	ICB	0.0014	31.11	-0.0004	60.00	0.0013	80.00	0.0000	493.37	0.0002	113.34
10	LIV	0.1062	1014.49	0.4808	1523.49	0.0462	1610.17	0.0507	9339.92	0.0445	10457.44
11	ICSA	0.0100	114.45	0.0236	130.01	0.0054	216.68	0.0032	1006.75	0.0007	203.34
12	ICSAB	3.0581	31629.84	9.7011	30134.00	3.0331	104037.37	3.2518	563588.08	2.9748	688704.37
13	CCV	2.9961	30606.75	9.3329	29592.76	2.8965	104656.79	3.0403	546987.39	2.7596	663270.66
14	CCB	0.0006	23.34	0.0014	66.67	0.0009	66.67	0.0000	510.03	0.0002	106.67
15	IP220310-1MB ...	0.0000	17.78	0.0008	66.67	0.0005	53.34	-0.0003	470.03	0.0000	56.67
16	IM220310-1RVS...	0.0427	446.68	0.2249	793.40	0.0229	846.73	0.0230	4740.96	0.0203	5061.07
17	IM220310-1LCS...	2.9241	30467.59	9.4746	31316.16	2.9423	106459.95	2.9867	550502.84	5.5928	1377001.96
18	IM220310-1LCS...	2.9930	31597.55	9.6287	31659.99	2.8963	106866.95	3.0187	562749.48	5.6383	1403797.12
19	2203068-1 10X	3.7501	40607.09	75.7152	246476.00	8.8383	321632.23	17.4827	3279062.03	1.9523	489585.03
20	2203068-1 100X	0.3879	4062.81	7.2355	23822.49	0.8204	30093.97	1.7213	319984.47	0.1961	48724.85
21	2203068-2 10X	3.7311	43388.92	65.9421	227165.08	7.8520	294118.44	15.9112	3074492.24	1.7555	453582.49
22	2203068-2 100X	0.3976	4199.51	6.5164	21419.10	0.7722	27485.59	1.5779	290812.50	0.1729	42566.68
23	2203068-3 10X	1.2948	14284.49	152.4295	498905.78	9.0768	330354.46	17.9987	3286942.87	2.0557	501896.57
24	2203068-3 100X	0.1474	1632.33	14.2174	48684.57	0.8982	33363.87	1.7877	338900.36	0.1987	50327.51
25	CCV	2.9835	32128.63	9.3554	31366.45	2.8873	107657.91	3.0211	564045.83	2.7679	690360.28
26	CCB	0.0007	23.33	0.0084	83.34	0.0006	53.33	0.0008	633.37	0.0001	93.34
27	2203068-4 10X	1.8710	20618.11	84.9392	281557.71	8.1224	297832.39	16.0134	3076158.39	1.7615	452407.92
28	2203068-4 100X	0.1779	1901.25	8.4836	28347.08	0.8067	29556.07	1.5720	296817.58	0.1757	44341.82
29	2203068-5 10X	2.2692	23908.41	111.4738	354437.68	11.9643	429169.34	24.5700	4530829.52	2.6323	648966.77
30	2203068-5 100X	0.2311	2270.20	10.8426	33747.86	1.1901	40888.84	2.4461	439519.46	0.2631	63213.81
31	2203068-6 10X	2.4246	26030.68	62.3198	201351.22	7.1824	261082.32	14.2250	2744789.54	1.5557	401309.60

Analyte Table

		121 Sb [2]		137 Ba [2]		139 La [2]		140 Ce [1]		141 Pr [1]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
32	2203068-6 100X	0.2378	2620.25	5.8661	20317.70	0.7003	26390.24	1.4113	280920.05	0.1529	40685.40
33	2203068-7 10X	2.2989	26591.66	111.9682	381347.18	12.6114	467874.99	25.5176	4998233.68	2.7519	720698.09
34	2203068-7 100X	0.2437	2563.59	10.9934	36320.56	1.1714	43175.53	2.4997	476653.24	0.2686	68466.35
35	2203068-8 10X	2.8647	28316.78	52.2700	160724.19	6.1328	211236.32	12.0932	2170648.46	1.3176	316168.77
36	2203068-8 100X	0.2754	2880.30	4.9773	16539.63	0.5724	21061.91	1.1611	222380.99	0.1268	32465.43
37	CCV	3.0638	30931.76	9.1348	29606.07	2.8635	103588.01	2.9092	537265.39	2.6807	662423.16
38	CCB	0.0007	24.44	-0.0054	46.67	0.0008	66.67	0.0001	533.37	0.0001	93.34
39	2203068-9 10X	2.3162	27400.81	82.9166	291286.15	7.0672	268041.42	14.2501	2772158.29	1.5606	405843.43
40	2203068-9 100X	0.2377	2725.83	8.0488	28537.48	0.6862	26052.97	1.3971	272086.18	0.1533	39909.59
41	2203068-10 10X	2.0367	22134.70	94.1507	298428.73	7.9578	273420.77	15.8923	2833607.87	1.7561	418573.82
42	2203068-10 100X	0.1975	2127.96	8.4773	27916.34	0.7872	27575.72	1.5162	274068.88	0.1718	41496.98
43	CCV	2.9551	33713.13	9.5839	33507.43	2.9387	111545.74	3.0968	590729.75	2.8007	713658.01
44	CCB	0.0009	31.11	0.0108	110.01	0.0006	60.00	0.0012	783.40	0.0001	90.00
45	IP220307-1MB ...	0.0014	36.67	0.0606	286.68	0.0000	36.67	-0.0003	476.70	0.0001	90.00
46	IM220307-1LCS...	2.9968	35577.26	9.7794	35188.08	3.0619	117100.35	3.2027	624620.94	6.0815	1584476.90
47	IM220307-1LCS...	2.9118	36591.76	9.5917	35923.14	3.0978	119094.35	3.1865	619857.37	6.0540	1573007.63
48	2202268-1 10X	0.0278	350.01	0.9728	3480.56	0.0461	1776.84	0.1059	21175.51	0.0078	2086.91
49	2202268-2 10X	0.0240	242.23	6285.4596	14254150.62	0.0878	1840.21	0.0976	11778.38	0.0079	1276.79
50	2202268-3 10X	0.0601	817.81	2.5704	9937.07	2.8645	111180.08	5.0968	1046232.12	0.6226	170839.18
51	CCV	2.8779	36322.15	9.4342	35622.34	3.0893	118731.95	3.0378	611595.91	2.8093	755556.79
52	CCB	0.0050	88.89	0.0668	340.02	0.0013	90.00	0.0014	856.74	0.0002	133.34
53	IP220309-4MB ...	0.0059	98.89	0.1118	510.04	0.0006	63.33	0.0000	570.05	0.0000	73.34
54	IM220309-4LCS...	3.0316	37987.30	9.4068	35685.80	3.1977	123032.50	3.1865	649786.74	6.0712	1653901.38
55	IM220309-4LCS...	2.9983	37958.29	9.5309	36628.17	3.1583	122793.97	3.1246	638297.95	6.0246	1644143.62
56	2203118-1 10X	0.0167	232.23	61.4900	231598.62	0.0859	3320.54	0.1652	32929.73	0.0095	2563.68
57	2203118-1 100X	0.0027	57.78	6.0111	23699.27	0.0100	426.69	0.0161	3880.70	0.0009	306.68
58	2203118-1 1000X	0.0013	38.89	0.6038	2416.98	0.0015	96.67	0.0001	596.71	0.0000	76.67
59	2203118-2 10X	0.0403	528.91	6.7905	25482.24	0.1300	4911.06	0.1761	35131.25	0.0149	3970.71
60	2203118-2 100X	0.0036	68.89	0.6184	2487.00	0.0118	493.36	0.0176	4147.44	0.0013	433.36
61	2203118-2 1000X	0.0007	31.11	0.0887	416.69	0.0000	40.00	0.0001	583.38	0.0002	120.00
62	CCV	2.8683	35195.18	9.1177	34174.00	2.9849	112784.26	3.0218	596978.60	2.7792	733500.36

Analyte Table

		121 Sb [2]		137 Ba [2]		139 La [2]		140 Ce [1]		141 Pr [1]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
63	CCB	0.0007	30.00	0.0686	330.02	-0.0008	6.67	-0.0007	406.69	0.0002	106.67
64	2203118-3 10X	0.0287	384.46	9.7393	37286.09	0.1638	6281.53	0.2030	41403.62	0.0182	4954.39
65	2203118-3 100X	0.0052	83.34	1.0695	3930.69	0.0165	623.37	0.0257	5470.77	0.0019	553.37
66	2203118-3 1000X	0.0004	26.67	0.1141	506.70	0.0015	93.34	0.0015	866.74	0.0001	96.67
67	CCV	2.8895	36451.45	9.0686	34540.21	3.0202	117427.45	2.9695	601497.78	2.7447	742798.19
68	CCB	0.0005	25.55	0.0243	156.68	0.0009	66.67	-0.0003	450.03	0.0001	93.34
69	IP220310-4MB ...	0.0011	34.44	0.0348	203.34	0.0013	86.67	-0.0003	506.80	-0.0001	50.00
70	IM220310-4RVS...	0.0449	555.57	0.2302	926.74	0.0232	886.74	0.0218	4911.04	0.0209	5647.98
71	IM220310-4LCS...	2.8427	35439.11	8.9231	34403.17	3.0112	115998.15	2.8785	598379.01	5.5824	1550183.73
72	IM220310-4LCS...	2.9315	36883.52	9.1838	35231.03	3.0575	119154.49	2.9689	610946.95	5.6655	1557320.71
73	2203029-1	0.0063	95.56	1.7629	5931.41	0.0021	103.34	0.0014	710.05	0.0007	216.68
74	2203029-1 10X	0.0007	31.11	0.1722	743.39	0.0000	40.00	-0.0006	450.04	0.0001	100.01
75	2203029-1 100X	-0.0001	21.11	0.0278	186.68	0.0002	46.67	-0.0006	460.05	0.0001	86.67
76	2203149-1 10X	0.0108	158.89	0.3340	1376.80	0.0015	100.01	0.0021	1020.08	0.0001	100.00
77	CCV	2.8694	35544.78	9.0143	33835.06	2.9944	115887.62	2.9305	588744.72	2.7124	727969.78
78	CCB	0.0003	24.45	-0.0033	60.00	0.0002	46.67	-0.0007	406.69	0.0002	110.01
79	CCV	2.9187	35450.24	8.8927	33260.54	2.9852	114981.65	2.9329	588279.44	2.7120	726760.12
80	CCB	0.0001	23.33	-0.0058	53.33	0.0007	66.67	-0.0008	416.69	0.0002	130.01
81	IP220302-4MB ...	-0.0001	18.89	0.0268	166.68	0.0002	43.33	-0.0012	326.69	0.0001	86.67
82	IM220302-4LCS...	3.0094	36823.36	9.3268	34974.09	3.0855	119098.29	3.0835	612782.49	5.9549	1580711.80
83	IM220302-4LCS...	2.9545	36401.28	9.2410	35204.58	3.0750	119236.08	2.9715	603553.98	5.7079	1548646.28
84	2202321-1 10X	0.0403	496.68	2.0655	7318.73	0.0017	96.67	0.0018	833.39	0.0005	176.68
85	2202321-1 100X	0.0047	81.11	0.2249	926.74	0.0008	70.00	-0.0008	390.02	0.0000	76.67
86	2202321-2 10X	0.0019	44.44	6.0197	21542.66	0.0024	123.34	0.0034	1133.44	0.0003	126.68
87	2202321-3 10X	0.0020	45.56	1.6850	6228.24	0.0005	56.67	0.0002	570.04	0.0002	103.34
88	2202321-4 10X	0.0007	24.44	3.7458	10153.89	0.0085	246.68	0.0448	6151.53	0.0009	190.01
89	2202321-5 10X	0.0034	43.33	4.2214	8519.36	0.0202	370.02	0.1298	11237.88	0.0035	426.70
90	2202321-6 10X	0.0067	72.22	4.3521	8906.32	0.0272	493.36	0.1034	8579.43	0.0047	530.06
91	CCV	2.8326	34465.79	9.1937	33660.91	2.9329	112227.24	3.0003	564000.58	2.7442	688993.51
92	CCB	-0.0009	11.11	0.0085	110.01	0.0005	56.67	-0.0006	436.70	0.0001	100.01
93	2202321-7 10X	0.0141	151.12	3.0222	7252.04	0.0111	256.68	0.0327	3727.35	0.0022	340.03

Analyte Table

		121 Sb [2]		137 Ba [2]		139 La [2]		140 Ce [1]		141 Pr [1]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
94	2202321-8 10X	0.0088	130.01	1.8346	6555.02	0.0004	50.00	0.0000	473.37	0.0001	86.67
95	2202321-9 10X	0.0009	32.22	3.0021	10794.23	0.0018	103.34	0.0012	713.38	0.0003	130.01
96	2202321-10 10X	0.0000	21.11	4.4652	16245.89	0.0004	53.33	-0.0008	363.36	0.0000	63.33
97	2202321-11 10X	0.0334	373.34	1.6693	5077.76	0.0081	280.02	0.0107	2093.57	0.0010	253.35
98	2202321-11 100X	0.0023	47.78	0.1407	576.71	0.0001	43.33	-0.0004	436.69	0.0000	60.00
99	2202321-12 10X	0.0199	236.67	1.6760	5414.54	0.0089	333.35	0.0015	723.39	0.0009	270.02
100	2202321-12 100X	0.0007	27.78	0.1535	596.71	0.0005	56.67	-0.0011	313.36	0.0001	86.67
101	2202321-13 10X	0.0204	197.78	2.2721	5244.51	0.0269	586.71	0.0385	4340.83	0.0037	550.04
102	CCV	2.9088	33804.40	9.3003	33467.43	2.9199	111068.49	2.8545	545121.95	2.6489	675792.86
103	CCB	-0.0007	12.22	-0.0003	70.00	0.0001	43.33	-0.0004	463.36	0.0000	70.00
104	2202321-14 10X	0.0232	261.12	1.2086	3667.31	0.0178	570.04	0.0259	4447.51	0.0026	596.71
105	2202321-14 100X	0.0026	47.78	0.0873	356.69	0.0011	73.34	0.0016	766.73	0.0002	113.34
106	2202321-15 10X	0.0131	171.11	2.2016	7905.77	-0.0005	20.00	0.0005	623.38	0.0001	80.00
107	2202321-16 10X	0.0211	262.23	2.6361	9349.87	0.0005	56.67	-0.0002	476.70	0.0002	103.34
108	2202321-16 100X	0.0018	42.22	0.2426	950.07	-0.0001	36.67	-0.0010	350.05	0.0000	70.00
109	CCV	2.8983	33487.04	9.1883	32849.56	2.8521	107120.84	2.8449	556416.55	2.6189	684311.73
110	CCB	0.0002	23.33	-0.0106	33.33	0.0010	76.67	-0.0001	516.70	0.0003	150.01
111	RINSE	0.0002	21.11	0.0144	116.67	0.0009	66.67	0.0012	754.13	0.0001	100.01
112	RINSE	0.0007	27.78	0.0146	120.01	0.0000	36.67	0.0001	553.44	0.0001	80.00
113	RINSE	-0.0003	17.78	0.0128	116.67	0.0005	53.33	0.0005	646.71	0.0001	83.34
114	RINSE	0.0006	25.55	-0.0037	53.33	0.0016	86.67	0.0005	603.38	0.0001	93.34

Analyte Table

		146 Nd [1]		205 Tl [2]		208 Pb [2]		232 Th [2]		238 U [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
1	RINSE	-0.0007	26.67	0.0199	818.12	0.0014	923.40	0.1145	2722.54	0.0038	168.89
2	BLANK	0.0000	53.33	0.0000	268.57	0.0000	866.73	0.0084	202.23	0.0000	24.44
3	H/1000	0.0297	1236.78	-0.0023	221.43	0.0529	3203.65	0.0168	425.57	0.0095	411.12
4	H/100	0.2887	11328.19	0.0148	717.64	0.5239	23241.61	0.1280	3229.32	0.1001	4051.75
5	H/10	2.8406	113376.83	0.1999	6264.22	5.1002	222743.88	0.9970	26129.91	0.9871	40549.90
6	HIGH	30.0161	1164661.88	2.0001	58027.64	49.9897	2100798.29	10.0000	352485.95	10.0013	396612.33
7	RINSE	-0.0001	53.33	-0.0030	200.00	0.0007	976.74	0.1036	2665.84	0.0003	37.78
8	ICV	5.9580	235086.21	0.3997	12193.17	9.8152	426233.79	1.8631	51139.75	1.9818	81096.14
9	ICB	0.0006	80.00	-0.0059	114.28	-0.0004	913.40	0.0043	107.78	0.0000	26.67
10	LIV	0.0544	2164.18	0.0041	400.01	0.2156	9951.83	0.0315	786.70	0.0093	395.57
11	ICSA	0.0016	116.67	-0.0056	116.19	0.0098	1300.10	0.0233	555.58	0.0010	63.33
12	ICSAB	3.0100	118750.26	0.1994	6062.71	5.1722	219086.13	1.3027	33300.67	1.0148	40434.19
13	CCV	2.8190	115825.39	0.1953	6262.32	5.1079	227952.12	1.0570	28334.88	0.9716	40784.11
14	CCB	0.0016	123.34	-0.0068	86.19	0.0026	1033.41	0.0031	77.78	-0.0001	21.11
15	IP220310-1MB ...	-0.0002	50.00	-0.0066	96.19	0.0073	1286.76	0.0026	67.78	-0.0004	8.89
16	IM220310-1RVS...	0.0213	930.08	-0.0017	239.05	0.1707	8388.07	0.0227	580.03	0.0053	245.56
17	IM220310-1LCS...	2.7923	114952.80	0.1919	6165.12	5.0475	225578.07	0.9564	26113.89	0.9851	41411.70
18	IM220310-1LCS...	2.8019	118481.90	0.1930	6322.34	5.0331	229393.04	0.9647	26524.78	0.9809	42051.63
19	2203068-1 10X	8.0930	332266.95	1.7649	54608.73	1104.9059	49465307.59	2.8456	86322.05	0.4592	19429.92
20	2203068-1 100X	0.7843	32495.41	0.1686	5522.97	114.1045	5143774.04	0.2844	7568.76	0.0461	1987.95
21	2203068-2 10X	7.2370	310108.31	2.4175	76883.02	1330.8471	61329944.50	2.7997	86273.70	0.4820	20999.68
22	2203068-2 100X	0.7056	28807.97	0.2441	7630.10	139.6953	6109849.52	0.2791	7266.39	0.0465	1945.72
23	2203068-3 10X	8.2635	337120.34	0.5419	16977.36	595.3886	26658550.64	3.4099	105110.97	0.4853	20535.65
24	2203068-3 100X	0.8270	34803.71	0.0469	1777.26	62.6864	2861993.09	0.3298	9039.62	0.0466	2034.62
25	CCV	2.8608	120125.01	0.1931	6391.89	5.0911	234441.26	1.0474	29045.06	0.9556	41394.75
26	CCB	-0.0001	53.33	-0.0066	86.67	0.0308	2096.84	0.0037	85.56	-0.0002	16.67
27	2203068-4 10X	7.1703	305284.46	1.0065	31501.05	595.8975	26876667.72	2.6999	81296.46	0.4406	18785.53
28	2203068-4 100X	0.7442	30992.29	0.0935	3195.13	64.1820	2890616.14	0.2759	7415.33	0.0466	2006.84
29	2203068-5 10X	10.7778	438565.96	2.0011	60986.02	730.8104	32248339.93	3.5051	107446.91	0.5088	21220.02
30	2203068-5 100X	1.0581	42246.29	0.1911	5828.33	77.4870	3273071.98	0.3666	9462.20	0.0514	2075.74
31	2203068-6 10X	6.3292	268794.96	2.1336	65876.37	862.9107	38591000.05	2.3675	70434.99	0.4309	18215.98

Analyte Table

		146 Nd [1]		205 Tl [2]		208 Pb [2]		232 Th [2]		238 U [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
32	2203068-6 100X	0.6102	27188.45	0.2002	6678.21	88.1514	4080551.39	0.2215	6072.49	0.0411	1822.36
33	2203068-7 10X	11.3314	487232.75	1.5644	49375.30	832.7436	38002635.47	4.0822	132805.44	0.5502	23726.17
34	2203068-7 100X	1.1016	46648.79	0.1519	5035.64	86.7520	3932273.51	0.4211	11449.12	0.0535	2318.00
35	2203068-8 10X	5.4055	212533.97	2.3763	69477.54	925.6066	39215145.25	2.0429	56907.03	0.4332	17350.48
36	2203068-8 100X	0.5334	22620.92	0.2268	7346.15	95.8181	4331550.24	0.1943	5287.73	0.0393	1702.35
37	CCV	2.6766	112513.48	0.1930	6200.39	5.1524	230217.47	1.0669	28769.11	0.9741	40941.09
38	CCB	0.0005	76.67	-0.0065	97.62	0.0581	3540.37	0.0045	118.89	-0.0003	15.56
39	2203068-9 10X	6.3625	274643.97	1.6603	53553.82	965.8232	45059148.91	2.7079	84190.61	0.4190	18484.10
40	2203068-9 100X	0.6035	26063.08	0.1625	5519.64	101.3372	4727346.31	0.2670	7396.44	0.0413	1849.04
41	2203068-10 10X	6.9838	279167.03	1.7907	52302.25	950.3438	40167748.99	3.0459	87526.83	0.4196	16767.60
42	2203068-10 100X	0.6733	27282.11	0.1688	5280.96	97.0881	4179827.39	0.2899	7410.90	0.0406	1674.57
43	CCV	2.8210	122827.10	0.1921	6476.69	5.0662	237524.22	1.0286	28829.43	0.9557	42155.86
44	CCB	0.0007	93.34	-0.0066	101.90	0.0585	3777.07	0.0037	100.00	-0.0002	20.00
45	IP220307-1MB ...	0.0000	60.00	-0.0073	76.19	0.0526	3463.71	0.0021	58.89	-0.0003	15.56
46	IM220307-1LCS...	2.9396	129900.62	0.1989	6741.58	5.1060	241162.34	0.9541	27431.96	0.9809	43586.90
47	IM220307-1LCS...	2.9379	129997.47	0.1952	6660.58	5.1032	242308.39	0.9603	27487.85	0.9688	43264.90
48	2202268-1 10X	0.0287	1346.79	-0.0003	300.96	0.4958	23972.31	0.0324	864.49	0.0024	132.23
49	2202268-2 10X	0.0441	1276.79	0.0048	254.77	5.4394	139243.66	0.0480	663.36	0.0289	713.36
50	2202268-3 10X	1.7898	82932.75	0.0204	989.56	0.8070	39556.32	0.0880	2373.57	0.0198	923.38
51	CCV	2.8875	130999.51	0.1884	6437.15	4.9561	235329.78	0.9703	27363.24	0.9148	41039.69
52	CCB	0.0013	126.67	-0.0073	78.10	0.0310	2500.25	0.0034	94.45	-0.0004	8.89
53	IP220309-4MB ...	-0.0004	46.67	-0.0075	73.81	0.0287	2376.89	0.0030	82.22	-0.0002	20.00
54	IM220309-4LCS...	3.0044	137475.22	0.1992	6795.41	5.1538	244886.07	0.9683	27951.71	0.9877	44147.57
55	IM220309-4LCS...	2.9339	134648.22	0.1950	6727.76	5.0383	241943.65	0.9616	27601.31	0.9622	43460.31
56	2203118-1 10X	0.0277	1300.11	-0.0070	89.05	0.0773	4653.90	0.0055	145.56	0.5187	23062.76
57	2203118-1 100X	0.0041	253.35	-0.0074	76.19	0.0228	2110.19	0.0030	83.33	0.0514	2332.45
58	2203118-1 1000X	0.0006	93.34	-0.0073	79.52	0.0191	1940.16	0.0020	55.56	0.0058	287.79
59	2203118-2 10X	0.0414	1903.55	-0.0073	77.14	0.0713	4280.49	0.0053	138.89	0.6467	28142.79
60	2203118-2 100X	0.0046	280.02	-0.0078	62.38	0.0268	2283.53	0.0027	74.45	0.0647	2911.45
61	2203118-2 1000X	0.0003	80.00	-0.0075	70.95	0.0213	2003.49	0.0021	56.67	0.0064	308.90
62	CCV	2.8145	126729.14	0.1857	6241.83	4.8796	227750.44	0.9330	25788.11	0.8985	39338.51

Analyte Table

		146 Nd [1]		205 Tl [2]		208 Pb [2]		232 Th [2]		238 U [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
63	CCB	0.0007	96.67	-0.0077	62.38	0.0201	1913.50	0.0036	97.78	-0.0003	14.44
64	2203118-3 10X	0.0570	2643.69	-0.0077	65.24	0.0459	3163.66	0.0042	115.56	1.1533	51080.22
65	2203118-3 100X	0.0059	313.35	-0.0080	51.90	0.0307	2290.22	0.0017	44.45	0.1128	4693.05
66	2203118-3 1000X	0.0008	96.67	-0.0075	70.48	0.0201	1923.49	0.0017	45.55	0.0114	522.24
67	CCV	2.7818	127363.05	0.1852	6406.18	4.9404	237272.79	0.9356	26904.49	0.9221	41652.23
68	CCB	0.0003	70.00	-0.0073	73.81	0.0200	1820.16	0.0031	81.11	-0.0003	13.33
69	IP220310-4MB ...	-0.0002	56.67	-0.0079	57.14	0.0088	1396.77	0.0020	54.44	-0.0001	22.22
70	IM220310-4RVS...	0.0238	1120.11	-0.0017	248.10	0.1252	6607.63	0.0196	520.02	0.0050	241.12
71	IM220310-4LCS...	2.7544	126091.98	0.1963	6710.60	4.8956	232961.45	0.8950	26042.62	0.9358	41880.10
72	IM220310-4LCS...	2.8356	130449.76	0.1944	6724.90	5.0092	241106.48	0.9127	26585.99	0.9509	43051.99
73	2203029-1	0.0010	96.67	-0.0062	97.62	0.1251	5957.50	0.0659	1482.32	0.0607	2355.78
74	2203029-1 10X	-0.0001	60.00	-0.0075	73.33	0.0212	2040.17	0.0032	88.89	0.0049	250.01
75	2203029-1 100X	0.0003	80.00	-0.0075	73.34	0.0112	1590.13	0.0019	55.55	0.0004	47.78
76	2203149-1 10X	0.0013	126.67	-0.0075	71.91	0.0907	5394.00	0.0027	75.56	-0.0003	17.78
77	CCV	2.7684	125443.15	0.1926	6617.70	4.9481	236509.56	0.9302	26687.33	0.9238	41533.86
78	CCB	0.0004	80.00	-0.0075	69.05	0.0114	1506.78	0.0029	78.89	-0.0001	22.22
79	CCV	2.7612	124527.09	0.1898	6496.70	4.9640	236184.40	0.9362	26676.46	0.9050	40503.50
80	CCB	-0.0003	53.33	-0.0077	68.57	0.0125	1646.80	0.0038	105.56	-0.0004	13.33
81	IP220302-4MB ...	0.0000	63.34	-0.0079	56.19	0.0077	1313.43	0.0029	74.45	-0.0003	14.44
82	IM220302-4LCS...	2.9065	128636.42	0.1955	6697.75	5.0020	238465.87	0.9140	26403.48	0.9651	43281.88
83	IM220302-4LCS...	2.8287	128501.00	0.1971	6778.73	4.9818	238603.89	0.8987	26177.32	0.9644	43446.72
84	2202321-1 10X	0.0016	130.01	0.0037	412.87	0.0160	1683.47	0.0058	143.34	190.4142	8058056.92
85	2202321-1 100X	-0.0004	43.33	-0.0070	89.52	0.0168	1826.82	0.0043	116.67	19.6543	882971.26
86	2202321-2 10X	0.0018	140.01	-0.0050	144.76	0.0076	1306.76	0.0025	62.22	1.1046	46827.17
87	2202321-3 10X	0.0005	86.67	-0.0085	38.10	0.0147	1670.13	0.0037	95.56	0.1906	8302.49
88	2202321-4 10X	0.0034	153.34	0.0384	1057.19	0.0127	1096.75	0.0039	65.56	2.4397	73604.49
89	2202321-5 10X	0.0112	260.01	0.0153	368.58	0.0547	1633.45	0.0074	83.34	2.7035	54641.46
90	2202321-6 10X	0.0188	403.36	0.0209	451.44	0.0488	1510.12	0.0064	72.22	1.4379	29147.95
91	CCV	2.7780	119160.72	0.1861	6335.68	4.9055	231885.67	0.9592	27185.32	0.9206	40927.94
92	CCB	0.0010	110.01	-0.0084	44.29	0.0151	1740.14	0.0030	82.22	0.0006	55.56
93	2202321-7 10X	0.0108	320.02	0.0137	417.63	0.0330	1416.79	0.0058	78.89	105.0986	2575788.83

Analyte Table

		146 Nd [1]		205 Tl [2]		208 Pb [2]		232 Th [2]		238 U [2]	
	Sample Name	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS	Conc. [ppb]	CPS
94	2202321-8 10X	0.0002	63.33	-0.0057	123.81	0.0181	1766.82	0.0021	50.00	2.6725	112113.21
95	2202321-9 10X	0.0010	100.01	-0.0083	42.86	0.0156	1676.82	0.0029	71.11	0.2255	9631.09
96	2202321-10 10X	0.0005	83.34	-0.0084	42.38	0.0111	1533.46	0.0021	55.56	0.2363	10510.59
97	2202321-11 10X	0.0039	193.34	-0.0062	92.38	0.0214	1623.48	0.0048	96.67	262.3417	9362906.25
98	2202321-11 100X	-0.0006	36.67	-0.0084	42.38	0.0120	1546.80	0.0017	43.33	27.0082	1173961.08
99	2202321-12 10X	0.0031	180.01	0.0068	471.44	0.0135	1453.46	0.0025	56.67	153.9947	6032410.56
100	2202321-12 100X	0.0003	70.00	-0.0070	84.76	0.0108	1453.45	0.0015	37.78	15.2685	647990.09
101	2202321-13 10X	0.0147	416.69	0.0292	691.93	0.0751	2503.56	0.0047	63.33	135.0849	3300271.72
102	CCV	2.6533	114359.12	0.1887	6381.42	4.8525	228023.22	0.9191	26034.07	0.9270	40968.01
103	CCB	-0.0002	53.33	-0.0082	49.05	0.0088	1416.77	0.0036	96.67	0.0046	231.12
104	2202321-14 10X	0.0111	460.04	0.0009	272.38	0.0120	1253.43	0.0049	98.89	259.0102	9125329.86
105	2202321-14 100X	0.0000	56.67	-0.0071	79.53	0.0083	1296.76	0.0023	56.67	26.0271	1068257.07
106	2202321-15 10X	0.0015	126.68	-0.0039	182.86	0.0189	1860.16	0.0026	66.67	12.2660	532478.06
107	2202321-16 10X	0.0003	73.34	-0.0053	138.57	0.0091	1403.45	0.0014	34.45	250.6662	10813967.57
108	2202321-16 100X	-0.0003	50.00	-0.0081	52.86	0.0044	1226.76	0.0019	52.22	25.2367	1126741.65
109	CCV	2.7098	118962.04	0.1892	6315.20	4.9216	228345.64	0.9598	26781.24	0.9180	40055.42
110	CCB	-0.0001	56.67	-0.0077	62.86	0.0081	1370.10	0.0037	97.78	0.0050	246.67
111	RINSE	-0.0001	56.67	-0.0081	48.10	0.0076	1246.76	0.0390	1001.16	0.0048	221.12
112	RINSE	0.0006	86.67	-0.0079	55.71	0.0078	1296.77	0.0286	751.14	0.0041	197.78
113	RINSE	0.0011	110.01	-0.0080	53.81	0.0074	1283.43	0.0220	584.47	0.0028	145.56
114	RINSE	0.0008	90.00	-0.0080	49.53	0.0061	1140.08	0.0194	480.02	0.0024	116.67

ISTD Table

		45 Sc (ISTD) [1]		71 Ga (ISTD) [1]		71 Ga (ISTD) [2]		72 Ge (ISTD) [1]		72 Ge (ISTD) [2]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
1	RINSE	7555581.56		4264714.73	100.0	321389.44	100.0	1926861.12	100.0	133686.55	100.0
2	BLANK	7273208.02		4104386.61	100.0	313440.35	100.0	1763775.75	100.0	125506.38	100.0
3	H/1000	7795908.84		4374581.19	106.6	336116.81	107.2	1878131.17	106.5	133190.64	106.1
4	H/100	7674599.47		4315933.68	105.2	332255.16	106.0	1849762.42	104.9	132415.28	105.5
5	H/10	7938039.26		4389782.75	107.0	346030.70	110.4	1903913.51	107.9	138230.47	110.1
6	HIGH	9471326.32		4762281.60	116.0	368862.03	117.7	2095520.65	118.8	154247.18	122.9
7	RINSE	8863480.29		4808996.91	117.2	355284.70	113.4	2158578.98	122.4	150549.44	120.0
8	ICV	8116458.84		4389328.27	106.9	345037.66	110.1	1924200.75	109.1	137208.87	109.3
9	ICB	7884553.63		4411216.29	107.5	347109.29	110.7	1902561.53	107.9	137918.45	109.9
10	LIV	7812475.93		4280103.89	104.3	333495.93	106.4	1873702.63	106.2	135358.56	107.8
11	ICSA	8011880.51		4310295.46	105.0	344471.05	109.9	1918628.20	108.8	136772.65	109.0
12	ICSAB	9604695.27		4919508.36	119.9	366841.13	117.0	2211510.70	125.4	146461.55	116.7
13	CCV	8493563.00		4604231.08	112.2	362326.04	115.6	2009528.61	113.9	145464.09	115.9
14	CCB	8181751.54		4514610.87	110.0	348339.23	111.1	1947957.57	110.4	139199.69	110.9
15	IP220310-1MB ...	8477983.21		4644585.24	113.2	359532.44	114.7	2016649.92	114.3	144075.30	114.8
16	IM220310-1RVS...	8343145.29		4575149.00	111.5	356700.33	113.8	1985274.81	112.6	144646.63	115.3
17	IM220310-1LCS...	8625393.62		4715724.62	114.9	369685.82	117.9	2041724.40	115.8	147241.39	117.3
18	IM220310-1LCS...	8868480.49		4810771.80	117.2	374569.54	119.5	2105379.71	119.4	151215.98	120.5
19	2203068-1 10X	8994053.20		4911041.49	119.7	384094.45	122.5	2123538.87	120.4	154577.01	123.2
20	2203068-1 100X	8685186.75		4689815.35	114.3	370289.26	118.1	2030832.47	115.1	146158.93	116.5
21	2203068-2 10X	10056171.10		5276322.32	128.6	412499.14	131.6	2278048.30	129.2	166022.74	132.3
22	2203068-2 100X	9182165.70		4853185.03	118.2	373214.23	119.1	2099047.21	119.0	148754.58	118.5
23	2203068-3 10X	8908021.12		4728681.08	115.2	391225.57	124.8	2060263.31	116.8	155377.77	123.8
24	2203068-3 100X	9252414.24		4967538.68	121.0	388223.82	123.9	2128360.33	120.7	154974.66	123.5
25	CCV	9317661.11		4944837.84	120.5	381983.17	121.9	2140367.00	121.4	152840.22	121.8
26	CCB	8273173.21		4494131.08	109.5	329603.65	105.2	1955828.72	110.9	132636.41	105.7
27	2203068-4 10X	9829455.06		5188363.78	126.4	390746.69	124.7	2223870.59	126.1	155325.74	123.8
28	2203068-4 100X	8919939.45		4768656.80	116.2	375665.10	119.9	2071212.83	117.4	148713.42	118.5
29	2203068-5 10X	8917023.83		4812773.06	117.3	373628.48	119.2	2063527.21	117.0	147317.48	117.4
30	2203068-5 100X	8252654.25		4501357.95	109.7	345973.33	110.4	1923962.31	109.1	137801.97	109.8
31	2203068-6 10X	9645345.48		5108856.38	124.5	380980.67	121.5	2201674.14	124.8	151670.70	120.8

ISTD Table

		45 Sc (ISTD) [1]		71 Ga (ISTD) [1]		71 Ga (ISTD) [2]		72 Ge (ISTD) [1]		72 Ge (ISTD) [2]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
32	2203068-6 100X	10473689.22		5394420.96	131.4	388452.34	123.9	2331554.39	132.2	154044.22	122.7
33	2203068-7 10X	10380008.81		5487851.17	133.7	410745.53	131.0	2311938.66	131.1	161463.88	128.6
34	2203068-7 100X	8896860.07		4867074.30	118.6	370349.21	118.2	2065929.29	117.1	148261.42	118.1
35	2203068-8 10X	8326483.62		4534765.97	110.5	350625.76	111.9	1951396.38	110.6	139491.37	111.1
36	2203068-8 100X	8782946.74		4767800.55	116.2	368915.18	117.7	2043954.30	115.9	146312.14	116.6
37	CCV	8659418.83		4683383.26	114.1	358100.67	114.2	2045888.30	116.0	144606.68	115.2
38	CCB	8450553.62		4655387.12	113.4	355578.29	113.4	2007031.48	113.8	144975.88	115.5
39	2203068-9 10X	10442769.01		5425235.75	132.2	419555.77	133.9	2327788.45	132.0	166147.05	132.4
40	2203068-9 100X	10033678.39		5300767.11	129.1	404216.74	129.0	2277239.13	129.1	163590.61	130.3
41	2203068-10 10X	9415244.23		4910974.82	119.7	385396.46	123.0	2136037.94	121.1	153678.03	122.4
42	2203068-10 100X	9214683.61		4880231.18	118.9	379261.17	121.0	2113984.76	119.9	150132.41	119.6
43	CCV	10144595.26		5286685.44	128.8	404598.73	129.1	2315141.69	131.3	163681.22	130.4
44	CCB	10050631.31		5310277.11	129.4	411127.53	131.2	2310906.11	131.0	165396.66	131.8
45	IP220307-1MB ...	10373203.59		5397422.53	131.5	413443.00	131.9	2360685.74	133.8	166833.51	132.9
46	IM220307-1LCS...	10583889.22		5485242.42	133.6	421077.71	134.3	2380664.29	135.0	169593.15	135.1
47	IM220307-1LCS...	10608290.26		5505967.21	134.1	445705.19	142.2	2423871.21	137.4	178178.14	142.0
48	2202268-1 10X	10328983.80		5477316.58	133.5	420442.23	134.1	2501467.78	141.8	180338.31	143.7
49	2202268-2 10X	7322840.52		4014306.61	97.8	335052.96	106.9	1749549.35	99.2	140487.39	111.9
50	2202268-3 10X	11393787.33		5991313.45	146.0	469414.30	149.8	2737062.04	155.2	200100.56	159.4
51	CCV	10802339.63		5652103.67	137.7	447674.89	142.8	2475256.63	140.3	182685.25	145.6
52	CCB	11205718.17		5894087.83	143.6	462568.38	147.6	2544780.17	144.3	187326.67	149.3
53	IP220309-4MB ...	11100751.50		5907974.50	143.9	455956.67	145.5	2522832.41	143.0	185495.60	147.8
54	IM220309-4LCS...	10584874.22		5567084.50	135.6	444511.96	141.8	2422609.75	137.4	181131.80	144.3
55	IM220309-4LCS...	10654074.22		5612755.12	136.8	449091.07	143.3	2438927.05	138.3	183632.09	146.3
56	2203118-1 10X	10606865.88		5543885.13	135.1	447110.07	142.6	2432608.40	137.9	185300.50	147.6
57	2203118-1 100X	10770927.34		5701289.08	138.9	460726.89	147.0	2499498.35	141.7	185475.48	147.8
58	2203118-1 1000X	10845931.92		5700369.29	138.9	454829.82	145.1	2457137.15	139.3	180759.95	144.0
59	2203118-2 10X	10577437.55		5537293.46	134.9	446069.59	142.3	2400915.17	136.1	182090.12	145.1
60	2203118-2 100X	10758239.21		5658312.41	137.9	456045.92	145.5	2486607.93	141.0	184642.27	147.1
61	2203118-2 1000X	10727767.55		5702557.42	138.9	452203.68	144.3	2475208.77	140.3	182021.38	145.0
62	CCV	10514847.97		5473793.46	133.4	435174.12	138.8	2401679.81	136.2	177252.14	141.2

ISTD Table

		45 Sc (ISTD) [1]		71 Ga (ISTD) [1]		71 Ga (ISTD) [2]		72 Ge (ISTD) [1]		72 Ge (ISTD) [2]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
63	CCB	10334815.68		5441141.38	132.6	435853.12	139.1	2373090.69	134.5	177922.90	141.8
64	2203118-3 10X	10528338.18		5533111.17	134.8	447864.86	142.9	2420850.95	137.3	183909.74	146.5
65	2203118-3 100X	9993374.22		5263184.09	128.2	422504.97	134.8	2283731.89	129.5	171285.29	136.5
66	2203118-3 1000X	10410139.64		5507145.13	134.2	437918.65	139.7	2368743.87	134.3	179286.07	142.9
67	CCV	10447312.14		5519708.88	134.5	447433.44	142.7	2420774.29	137.2	181650.74	144.7
68	CCB	8802504.04		4763783.89	116.1	406805.45	129.8	2070340.33	117.4	163792.76	130.5
69	IP220310-4MB ...	9755616.52		5259455.86	128.1	423404.64	135.1	2292583.40	130.0	173189.00	138.0
70	IM220310-4RVS...	9726712.35		5252821.69	128.0	422098.29	134.7	2233435.12	126.6	173048.57	137.9
71	IM220310-4LCS...	10082057.77		5426570.75	132.2	442193.52	141.1	2339545.54	132.6	180155.37	143.5
72	IM220310-4LCS...	10088151.93		5387533.46	131.3	446225.20	142.4	2373967.88	134.6	182880.15	145.7
73	2203029-1	9601559.65		5053311.49	123.1	422056.74	134.7	3134913.29	177.7	256374.56	204.3
74	2203029-1 10X	10747907.55		5669967.42	138.1	456550.68	145.7	2490245.33	141.2	185108.25	147.5
75	2203029-1 100X	10599282.55		5649677.63	137.6	457008.85	145.8	2436207.31	138.1	184129.21	146.7
76	2203149-1 10X	10394286.93		5604407.83	136.5	448053.78	142.9	2415230.17	136.9	183217.24	146.0
77	CCV	10073028.81		5352732.00	130.4	439386.45	140.2	2334550.90	132.4	175453.84	139.8
78	CCB	9511910.69		5104674.40	124.4	424389.38	135.4	2224204.97	126.1	171057.54	136.3
79	CCV	9828636.11		5274340.34	128.5	430799.68	137.4	2265846.74	128.5	173741.44	138.4
80	CCB	10107124.64		5389280.13	131.3	445038.64	142.0	2348463.35	133.1	180028.42	143.4
81	IP220302-4MB ...	9741434.64		5286076.80	128.8	412587.77	131.6	2302914.70	130.6	167080.86	133.1
82	IM220302-4LCS...	9524730.27		5110494.09	124.5	433983.21	138.5	2249762.05	127.6	176771.75	140.8
83	IM220302-4LCS...	9806559.02		5292375.96	128.9	436987.04	139.4	2306504.24	130.8	179571.40	143.1
84	2202321-1 10X	9834216.94		5089060.65	124.0	419543.77	133.9	2222470.38	126.0	173276.87	138.1
85	2202321-1 100X	10034099.22		5380784.92	131.1	443403.65	141.5	2324252.78	131.8	179260.60	142.8
86	2202321-2 10X	10108781.10		5238141.38	127.6	425917.12	135.9	2296483.66	130.2	176484.08	140.6
87	2202321-3 10X	10106148.19		5284961.90	128.8	434663.38	138.7	2364906.16	134.1	177299.31	141.3
88	2202321-4 10X	9267310.90		4354257.96	106.1	358618.40	114.4	1883012.58	106.8	146891.01	117.0
89	2202321-5 10X	7884084.88		3505823.17	85.4	293623.08	93.7	1513432.68	85.8	122795.23	97.8
90	2202321-6 10X	8228588.63		3613722.13	88.0	301614.57	96.2	1567356.17	88.9	126878.73	101.1
91	CCV	9479338.40		5089835.86	124.0	431533.87	137.7	2231685.23	126.5	174337.02	138.9
92	CCB	11527399.00		5938941.16	144.7	469931.01	149.9	2587973.35	146.7	187849.57	149.7
93	2202321-7 10X	9204060.07		4108574.63	100.1	340015.75	108.5	1775740.08	100.7	138718.33	110.5

ISTD Table

		45 Sc (ISTD) [1]		71 Ga (ISTD) [1]		71 Ga (ISTD) [2]		72 Ge (ISTD) [1]		72 Ge (ISTD) [2]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
94	2202321-8 10X	11587386.49		5567644.50	135.7	435633.56	139.0	2498848.56	141.7	180792.26	144.1
95	2202321-9 10X	10232382.55		5220915.55	127.2	431161.32	137.6	2297746.16	130.3	178054.03	141.9
96	2202321-10 10X	9448499.65		5062989.40	123.4	426070.85	135.9	2199882.21	124.7	174426.55	139.0
97	2202321-11 10X	9412067.57		4682502.12	114.1	377055.55	120.3	2034385.39	115.3	153368.55	122.2
98	2202321-11 100X	9455725.69		5072183.88	123.6	423357.86	135.1	2180046.95	123.6	171036.76	136.3
99	2202321-12 10X	9041722.57		4684464.62	114.1	387692.61	123.7	2045656.43	116.0	158486.99	126.3
100	2202321-12 100X	8651279.04		4731103.89	115.3	400434.14	127.8	2049276.06	116.2	162889.77	129.8
101	2202321-13 10X	8393263.83		3823833.90	93.2	317131.99	101.2	1645028.00	93.3	128764.21	102.6
102	CCV	8787187.16		4834565.86	117.8	412333.12	131.6	2096780.33	118.9	166314.48	132.5
103	CCB	8813614.24		4866643.89	118.6	413690.72	132.0	2131476.63	120.8	167953.00	133.8
104	2202321-14 10X	9147450.91		4596247.43	112.0	370929.14	118.3	1976553.61	112.1	150284.84	119.7
105	2202321-14 100X	8642011.12		4634781.91	112.9	393254.46	125.5	2031354.97	115.2	158457.59	126.3
106	2202321-15 10X	8913427.16		4860611.91	118.4	409327.58	130.6	2153817.10	122.1	167514.24	133.5
107	2202321-16 10X	9011773.62		4814984.20	117.3	406959.80	129.8	2140777.00	121.4	168103.80	133.9
108	2202321-16 100X	8998940.28		4949264.93	120.6	419265.01	133.8	2170413.51	123.1	168789.87	134.5
109	CCV	8980907.16		4933102.11	120.2	409783.96	130.7	2150416.37	121.9	164136.54	130.8
110	CCB	9397245.69		5133726.90	125.1	431525.77	137.7	2247233.25	127.4	176505.86	140.6
111	RINSE	8515541.33		4752702.95	115.8	389282.58	124.2	2099613.09	119.0	162369.44	129.4
112	RINSE	8790252.58		4899722.22	119.4	402522.25	128.4	2188180.60	124.1	166843.54	132.9
113	RINSE	9040490.91		4994329.51	121.7	415900.72	132.7	2237849.55	126.9	172625.13	137.5
114	RINSE	8394295.29		4664027.22	113.6	385897.22	123.1	2086133.20	118.3	161662.48	128.8

ISTD Table

		103 Rh (ISTD) [1]		103 Rh (ISTD) [2]		115 In (ISTD) [1]		115 In (ISTD) [2]		195 Pt (ISTD) [1]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
1	RINSE	12093993.57	100.0	3052143.08	100.0	12342222.99	100.0	1793972.88	100.0	2664942.77	100.0
2	BLANK	11571263.16	100.0	3062520.37	100.0	11892986.76	100.0	1790289.76	100.0	2637635.22	100.0
3	H/1000	12349458.98	106.7	3298392.35	107.7	12644568.79	106.3	1926450.26	107.6	2757135.17	104.5
4	H/100	12207437.32	105.5	3205451.72	104.7	12530145.60	105.4	1894315.67	105.8	2708898.24	102.7
5	H/10	12192546.90	105.4	3281645.47	107.2	12802761.37	107.6	1950858.96	109.0	2769369.85	105.0
6	HIGH	12553208.15	108.5	3206865.89	104.7	13182350.82	110.8	1973593.13	110.2	2693367.30	102.1
7	RINSE	13555168.96	117.1	3391666.10	110.7	13888125.40	116.8	1985939.65	110.9	2849525.58	108.0
8	ICV	12257516.07	105.9	3228955.68	105.4	12795937.64	107.6	1939511.82	108.3	2739804.13	103.9
9	ICB	12411939.40	107.3	3308560.37	108.0	12650815.60	106.4	1944032.74	108.6	2777890.37	105.3
10	LIV	12185859.40	105.3	3217522.04	105.1	12544314.45	105.5	1923190.17	107.4	2689697.15	102.0
11	ICSA	11712391.91	101.2	3183511.10	104.0	12501346.56	105.1	1938224.37	108.3	2648384.91	100.4
12	ICSAB	13107770.64	113.3	3274713.49	106.9	13671348.17	115.0	2020653.28	112.9	2737625.27	103.8
13	CCV	12879118.97	111.3	3343702.24	109.2	13492414.55	113.4	2019029.90	112.8	2851692.98	108.1
14	CCB	12751346.06	110.2	3348174.01	109.3	13072463.27	109.9	1961155.84	109.5	2806638.81	106.4
15	IP220310-1MB ...	13129415.64	113.5	3478153.28	113.6	13523491.69	113.7	2070427.11	115.6	2894750.06	109.7
16	IM220310-1RVS...	12994405.22	112.3	3429307.76	112.0	13209796.47	111.1	2021340.85	112.9	2847440.58	108.0
17	IM220310-1LCS...	13150917.30	113.7	3486264.84	113.8	13534241.97	113.8	2052712.72	114.7	2855615.90	108.3
18	IM220310-1LCS...	13478250.22	116.5	3467890.89	113.2	13838091.06	116.4	2087040.36	116.6	2932776.00	111.2
19	2203068-1 10X	13176613.14	113.9	3439471.41	112.3	13785220.00	115.9	2092538.83	116.9	2849207.46	108.0
20	2203068-1 100X	13218080.22	114.2	3469956.62	113.3	13579681.61	114.2	2070669.56	115.7	2870774.54	108.8
21	2203068-2 10X	14061124.37	121.5	3639075.89	118.8	14650884.86	123.2	2201610.63	123.0	2974472.25	112.8
22	2203068-2 100X	13459016.47	116.3	3462596.83	113.1	13772671.48	115.8	2067540.55	115.5	2829182.35	107.3
23	2203068-3 10X	12841720.64	111.0	3458090.05	112.9	13491266.69	113.4	2103213.86	117.5	2831656.83	107.4
24	2203068-3 100X	13636082.71	117.8	3613645.05	118.0	14069038.38	118.3	2149398.05	120.1	2916410.17	110.6
25	CCV	13610321.46	117.6	3536186.30	115.5	14155082.33	119.0	2122880.14	118.6	2913925.27	110.5
26	CCB	12552949.81	108.5	3149331.00	102.8	12992790.32	109.2	1882920.36	105.2	2734723.40	103.7
27	2203068-4 10X	13765404.38	119.0	3502005.99	114.4	14337506.22	120.6	2115755.19	118.2	2953892.98	112.0
28	2203068-4 100X	13496741.88	116.6	3522472.14	115.0	13889639.00	116.8	2105437.08	117.6	2883897.98	109.3
29	2203068-5 10X	12906059.39	111.5	3359114.43	109.7	13564805.31	114.1	2022005.62	112.9	2823091.83	107.0
30	2203068-5 100X	12593781.90	108.8	3283498.39	107.2	13096321.34	110.1	1939521.73	108.3	2767109.44	104.9
31	2203068-6 10X	13866938.96	119.8	3413004.53	111.4	14378661.75	120.9	2083955.60	116.4	2946003.39	111.7

ISTD Table

		103 Rh (ISTD) [1]		103 Rh (ISTD) [2]		115 In (ISTD) [1]		115 In (ISTD) [2]		195 Pt (ISTD) [1]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
32	2203068-6 100X	14996286.86	129.6	3650150.78	119.2	15157768.70	127.5	2161175.96	120.7	3084698.70	116.9
33	2203068-7 10X	14510872.70	125.4	3597357.45	117.5	14932592.72	125.6	2184978.61	122.0	2983294.43	113.1
34	2203068-7 100X	13573467.72	117.3	3484592.66	113.8	13955116.49	117.3	2059228.31	115.0	2935787.87	111.3
35	2203068-8 10X	12513121.90	108.1	3248231.93	106.1	13087139.28	110.0	1968098.08	109.9	2727547.15	103.4
36	2203068-8 100X	13438119.80	116.1	3497538.80	114.2	13948629.45	117.3	2067890.65	115.5	2935365.37	111.3
37	CCV	13163580.22	113.8	3417959.53	111.6	13646312.61	114.7	2042704.30	114.1	2915109.85	110.5
38	CCB	13284431.47	114.8	3460863.49	113.0	13500356.40	113.5	2062987.08	115.2	2883766.21	109.3
39	2203068-9 10X	14494283.53	125.3	3711336.19	121.2	15092331.86	126.9	2244870.70	125.4	2994996.21	113.5
40	2203068-9 100X	14516486.03	125.5	3737195.78	122.0	14859093.37	124.9	2227720.31	124.4	2992610.37	113.5
41	2203068-10 10X	13266959.39	114.7	3348701.62	109.3	13667715.09	114.9	2029356.41	113.4	2774249.54	105.2
42	2203068-10 100X	13386311.89	115.7	3471345.47	113.3	13704578.33	115.2	2055484.08	114.8	2809327.77	106.5
43	CCV	14368388.95	124.2	3687255.36	120.4	14826821.68	124.7	2244581.83	125.4	3020140.99	114.5
44	CCB	14823434.36	128.1	3824041.19	124.9	15110216.56	127.1	2293193.70	128.1	3059889.75	116.0
45	IP220307-1MB ...	15044829.36	130.0	3784532.96	123.6	15172694.76	127.6	2299866.67	128.5	3051166.20	115.7
46	IM220307-1LCS...	15004434.36	129.7	3794496.82	123.9	15329680.79	128.9	2301157.58	128.5	3065929.95	116.2
47	IM220307-1LCS...	15061959.36	130.2	3949772.34	129.0	15477703.02	130.1	2356832.92	131.6	3068887.04	116.3
48	2202268-1 10X	14635264.36	126.5	3704350.15	121.0	15116978.27	127.1	2243722.22	125.3	3103555.48	117.7
49	2202268-2 10X	9442788.19	81.6	2396380.28	78.2	10597216.70	89.1	1645088.27	91.9	1948169.45	73.9
50	2202268-3 10X	15672848.93	135.4	4054156.19	132.4	16491109.70	138.7	2415506.13	134.9	3213068.91	121.8
51	CCV	15507178.10	134.0	3981498.38	130.0	15933580.52	134.0	2406481.20	134.4	3148280.06	119.4
52	CCB	16088441.84	139.0	4162663.58	135.9	16541899.06	139.1	2451516.71	136.9	3208449.85	121.6
53	IP220309-4MB ...	15981734.76	138.1	4093500.77	133.7	16460283.45	138.4	2441914.06	136.4	3220118.91	122.1
54	IM220309-4LCS...	15298591.44	132.2	4001127.44	130.6	15863137.65	133.4	2398541.55	134.0	3174757.87	120.4
55	IM220309-4LCS...	15437672.69	133.4	4052856.61	132.3	15860346.93	133.4	2388199.32	133.4	3182981.41	120.7
56	2203118-1 10X	15047091.03	130.0	3978649.42	129.9	15629423.43	131.4	2405274.66	134.4	3106737.35	117.8
57	2203118-1 100X	15616919.76	135.0	4153266.61	135.6	16116654.68	135.5	2467808.79	137.8	3200186.93	121.3
58	2203118-1 1000X	15710214.76	135.8	4099176.71	133.8	16172814.06	136.0	2476598.20	138.3	3242053.49	122.9
59	2203118-2 10X	14803794.36	127.9	3953517.75	129.1	15622547.99	131.4	2372684.84	132.5	3085911.41	117.0
60	2203118-2 100X	15502163.52	134.0	4119111.40	134.5	16138112.30	135.7	2434951.42	136.0	3218824.43	122.0
61	2203118-2 1000X	15539372.69	134.3	4066550.67	132.8	16123293.49	135.6	2397509.62	133.9	3209200.68	121.7
62	CCV	14979839.36	129.5	3937547.44	128.6	15461128.40	130.0	2330086.15	130.2	3126230.68	118.5

ISTD Table

		103 Rh (ISTD) [1]		103 Rh (ISTD) [2]		115 In (ISTD) [1]		115 In (ISTD) [2]		195 Pt (ISTD) [1]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
63	CCB	15109112.69	130.6	3957157.03	129.2	15535771.08	130.6	2362058.04	131.9	3109009.43	117.9
64	2203118-3 10X	15097548.11	130.5	4037225.56	131.8	15655367.95	131.6	2419533.41	135.1	3149937.04	119.4
65	2203118-3 100X	14457016.03	124.9	3813956.71	124.5	14896342.60	125.3	2293000.48	128.1	2980869.54	113.0
66	2203118-3 1000X	15103545.19	130.5	4014314.21	131.1	15634322.94	131.5	2405003.46	134.3	3096044.95	117.4
67	CCV	15099391.86	130.5	4016116.09	131.1	15812086.35	133.0	2437526.18	136.2	3176984.95	120.4
68	CCB	13373976.05	115.6	3780498.90	123.4	13819704.62	116.2	2215063.16	123.7	2889164.64	109.5
69	IP220310-4MB ...	14781040.20	127.7	3957550.05	129.2	15262117.68	128.3	2335040.00	130.4	3146217.04	119.3
70	IM220310-4RVS...	14633878.11	126.5	3920850.67	128.0	15038614.94	126.4	2308733.85	129.0	3074104.44	116.5
71	IM220310-4LCS...	15163910.19	131.0	4065689.52	132.8	15747025.10	132.4	2396656.09	133.9	3175750.37	120.4
72	IM220310-4LCS...	15138598.52	130.8	4044954.00	132.1	15677257.97	131.8	2405298.61	134.4	3191573.39	121.0
73	2203029-1	12952383.14	111.9	3516232.76	114.8	13921680.65	117.1	2179907.84	121.8	2767373.29	104.9
74	2203029-1 10X	15396617.27	133.1	4094849.84	133.7	16078817.48	135.2	2467237.42	137.8	3222801.83	122.2
75	2203029-1 100X	15491391.02	133.9	4169176.71	136.1	16217823.51	136.4	2489243.55	139.0	3231244.74	122.5
76	2203149-1 10X	15497965.60	133.9	4112120.36	134.3	16030020.96	134.8	2434754.60	136.0	3223125.16	122.2
77	CCV	14857758.53	128.4	3957570.46	129.2	15463426.89	130.0	2384233.69	133.2	3144807.35	119.2
78	CCB	14431482.28	124.7	3893741.19	127.1	14892278.66	125.2	2293827.89	128.1	3033906.62	115.0
79	CCV	14416863.95	124.6	3943871.40	128.8	15150042.73	127.4	2322616.57	129.7	3128332.56	118.6
80	CCB	15069442.69	130.2	4104894.00	134.0	15652317.60	131.6	2431539.16	135.8	3191754.12	121.0
81	IP220302-4MB ...	14522283.53	125.5	3799381.40	124.1	15212126.19	127.9	2258966.26	126.2	3127261.62	118.6
82	IM220302-4LCS...	14302998.54	123.6	3954448.90	129.1	14804043.64	124.5	2352462.16	131.4	3073002.14	116.5
83	IM220302-4LCS...	14759876.86	127.6	4018322.44	131.2	15220175.11	128.0	2368475.92	132.3	3151226.83	119.5
84	2202321-1 10X	13643408.13	117.9	3709259.84	121.1	14483422.54	121.8	2249153.74	125.6	2966951.00	112.5
85	2202321-1 100X	14619930.62	126.3	4004733.38	130.8	15339517.78	129.0	2385389.65	133.2	3109920.06	117.9
86	2202321-2 10X	14076452.29	121.7	3769264.11	123.1	14829170.67	124.7	2275518.61	127.1	3066868.08	116.3
87	2202321-3 10X	14423132.28	124.6	3861303.49	126.1	15116330.88	127.1	2339552.03	130.7	3118708.81	118.2
88	2202321-4 10X	10861626.50	93.9	2849490.58	93.0	11654294.47	98.0	1830251.86	102.2	2197851.84	83.3
89	2202321-5 10X	8089210.30	69.9	2123950.39	69.4	8808300.39	74.1	1472355.27	82.2	1430313.52	54.2
90	2202321-6 10X	8156835.71	70.5	2153050.59	70.3	8805119.34	74.0	1478738.00	82.6	1381985.14	52.4
91	CCV	14040555.21	121.3	3861129.42	126.1	14700162.16	123.6	2342280.74	130.8	2976079.85	112.8
92	CCB	15967087.26	138.0	4150618.06	135.5	16374005.00	137.7	2480989.35	138.6	3126960.58	118.6
93	2202321-7 10X	9743192.56	84.2	2519442.77	82.3	10520345.30	88.5	1670082.24	93.3	1823845.34	69.1

ISTD Table

		103 Rh (ISTD) [1]		103 Rh (ISTD) [2]		115 In (ISTD) [1]		115 In (ISTD) [2]		195 Pt (ISTD) [1]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
94	2202321-8 10X	14373306.03	124.2	3736189.95	122.0	15088900.49	126.9	2285096.69	127.6	2784117.25	105.6
95	2202321-9 10X	14089814.79	121.8	3775130.36	123.3	14861948.87	125.0	2330785.45	130.2	2902562.25	110.0
96	2202321-10 10X	14092918.12	121.8	3826884.95	125.0	14876401.04	125.1	2325504.39	129.9	3011905.68	114.2
97	2202321-11 10X	12099784.82	104.6	3175737.56	103.7	13163492.06	110.7	2001236.67	111.8	2531991.11	96.0
98	2202321-11 100X	13901063.13	120.1	3805152.97	124.2	14669455.06	123.3	2287202.08	127.8	2983672.87	113.1
99	2202321-12 10X	12561097.31	108.6	3374177.97	110.2	13497177.98	113.5	2097081.58	117.1	2770800.58	105.0
100	2202321-12 100X	13313553.97	115.1	3646151.93	119.1	14050025.75	118.1	2202943.17	123.0	2886899.44	109.5
101	2202321-13 10X	9239439.03	79.8	2417603.61	78.9	10154188.29	85.4	1581400.48	88.3	1791830.81	67.9
102	CCV	13548629.38	117.1	3794530.99	123.9	14328293.33	120.5	2264551.88	126.5	2989938.50	113.4
103	CCB	13982954.79	120.8	3855815.78	125.9	14558510.75	122.4	2295394.35	128.2	2999627.56	113.7
104	2202321-14 10X	12035586.90	104.0	3155749.22	103.0	13059319.74	109.8	1982256.10	110.7	2555256.78	96.9
105	2202321-14 100X	12930934.81	111.8	3528188.70	115.2	13645631.83	114.7	2161761.51	120.7	2808586.63	106.5
106	2202321-15 10X	13689321.88	118.3	3760818.49	122.8	14332593.04	120.5	2268431.94	126.7	2971663.39	112.7
107	2202321-16 10X	13479442.30	116.5	3720817.55	121.5	14401387.33	121.1	2243670.04	125.3	2978246.62	112.9
108	2202321-16 100X	14110464.79	121.9	3830524.32	125.1	14758736.70	124.1	2320391.03	129.6	3045547.77	115.5
109	CCV	13827948.13	119.5	3770803.17	123.1	14664298.92	123.3	2259010.38	126.2	3045668.81	115.5
110	CCB	14421968.12	124.6	3904955.15	127.5	14830390.55	124.7	2350847.43	131.3	3062659.75	116.1
111	RINSE	13418137.30	116.0	3626194.22	118.4	14106856.17	118.6	2176018.35	121.5	2936451.62	111.3
112	RINSE	13809139.79	119.3	3718851.09	121.4	14518934.82	122.1	2179286.38	121.7	3013985.27	114.3
113	RINSE	14094260.62	121.8	3804505.36	124.2	14722101.90	123.8	2269689.87	126.8	3043727.14	115.4
114	RINSE	13254555.22	114.5	3552300.68	116.0	13586243.03	114.2	2104547.40	117.6	2793735.07	105.9

ISTD Table

		195 Pt (ISTD) [2]		209 Bi (ISTD) [1]		209 Bi (ISTD) [2]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
1	RINSE	465147.43	100.0	9925333.60	100.0	2642211.32	100.0
2	BLANK	464851.15	100.0	9666697.56	100.0	2683678.19	100.0
3	H/1000	497518.52	107.0	10051689.64	104.0	2832672.56	105.6
4	H/100	492348.04	105.9	10009640.48	103.5	2800608.39	104.4
5	H/10	502653.47	108.1	9986774.23	103.3	2775450.17	103.4
6	HIGH	485523.87	104.4	9343047.15	96.7	2525984.60	94.1
7	RINSE	504271.01	108.5	10707568.59	110.8	2860016.94	106.6
8	ICV	500860.18	107.7	9888410.89	102.3	2779080.79	103.6
9	ICB	499127.51	107.4	10029984.01	103.8	2823657.56	105.2
10	LIV	485084.43	104.4	9902450.06	102.4	2788399.65	103.9
11	ICSA	478887.57	103.0	9553989.86	98.8	2665310.69	99.3
12	ICSAB	487549.00	104.9	9800754.86	101.4	2664928.81	99.3
13	CCV	513604.43	110.5	10173799.64	105.2	2830852.67	105.5
14	CCB	494323.98	106.3	10363994.43	107.2	2844992.15	106.0
15	IP220310-1MB ...	515752.73	111.0	10660174.63	110.3	2915269.64	108.6
16	IM220310-1RVS...	504250.82	108.5	10414405.26	107.7	2858893.29	106.5
17	IM220310-1LCS...	514428.59	110.7	10421788.60	107.8	2898179.12	108.0
18	IM220310-1LCS...	524520.80	112.8	10539620.05	109.0	2917897.87	108.7
19	2203068-1 10X	517460.10	111.3	10612757.97	109.8	2926287.77	109.0
20	2203068-1 100X	520913.70	112.1	10504129.43	108.7	2930764.64	109.2
21	2203068-2 10X	532634.59	114.6	10939342.34	113.2	2978989.02	111.0
22	2203068-2 100X	505432.49	108.7	10413459.01	107.7	2868484.02	106.9
23	2203068-3 10X	517488.83	111.3	10340690.89	107.0	2894621.52	107.9
24	2203068-3 100X	527506.50	113.5	10710760.67	110.8	3010483.71	112.2
25	CCV	529978.91	114.0	10561540.47	109.3	2929514.33	109.2
26	CCB	462721.22	99.5	9979257.97	103.2	2620611.78	97.7
27	2203068-4 10X	521317.61	112.1	10868051.92	112.4	2924909.64	109.0
28	2203068-4 100X	520426.89	112.0	10668630.05	110.4	2961495.68	110.4
29	2203068-5 10X	510016.80	109.7	10434333.18	107.9	2865650.69	106.8
30	2203068-5 100X	488122.69	105.0	10156565.06	105.1	2829286.10	105.4
31	2203068-6 10X	516883.06	111.2	10915052.34	112.9	2937704.54	109.5

ISTD Table

		195 Pt (ISTD) [2]		209 Bi (ISTD) [1]		209 Bi (ISTD) [2]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
32	2203068-6 100X	534868.45	115.1	11241552.75	116.3	3028308.81	112.8
33	2203068-7 10X	527449.74	113.5	11084335.67	114.7	2961268.29	110.3
34	2203068-7 100X	523751.64	112.7	10778322.34	111.5	2970582.66	110.7
35	2203068-8 10X	489673.38	105.3	10154202.76	105.0	2795599.96	104.2
36	2203068-8 100X	522370.54	112.4	10812533.59	111.9	3012270.68	112.2
37	CCV	514257.77	110.6	10440060.47	108.0	2845512.15	106.0
38	CCB	513972.74	110.6	10510854.01	108.7	2942784.85	109.7
39	2203068-9 10X	539198.77	116.0	11007761.92	113.9	3019442.98	112.5
40	2203068-9 100X	539096.47	116.0	11000577.34	113.8	3053223.29	113.8
41	2203068-10 10X	488516.36	105.1	10088977.77	104.4	2745477.57	102.3
42	2203068-10 100X	497457.85	107.0	10213079.22	105.7	2813967.35	104.9
43	CCV	539758.51	116.1	10785360.67	111.6	2963515.68	110.4
44	CCB	545291.77	117.3	11085996.08	114.7	3045104.64	113.5
45	IP220307-1MB ...	539691.72	116.1	11160832.33	115.5	3067517.56	114.3
46	IM220307-1LCS...	543701.32	117.0	11030515.25	114.1	3052249.12	113.7
47	IM220307-1LCS...	546498.49	117.6	10997730.67	113.8	3039897.24	113.3
48	2202268-1 10X	535513.13	115.2	11029592.34	114.1	2977184.85	110.9
49	2202268-2 10X	294796.03	63.4	6638810.11	68.7	1543064.82	57.5
50	2202268-3 10X	551752.09	118.7	11608537.75	120.1	3001496.21	111.8
51	CCV	546489.28	117.6	11385682.33	117.8	2990887.25	111.4
52	CCB	548841.87	118.1	11682083.99	120.8	3123107.87	116.4
53	IP220309-4MB ...	546305.90	117.5	11713320.24	121.2	3069178.70	114.4
54	IM220309-4LCS...	546921.71	117.7	11529332.75	119.3	3061486.10	114.1
55	IM220309-4LCS...	552668.47	118.9	11551002.75	119.5	3044961.10	113.5
56	2203118-1 10X	543608.08	116.9	11096261.08	114.8	2951052.35	110.0
57	2203118-1 100X	549252.69	118.2	11700232.74	121.0	3081452.25	114.8
58	2203118-1 1000X	550777.41	118.5	11786639.41	121.9	3060378.91	114.0
59	2203118-2 10X	532480.45	114.5	11117479.42	115.0	2925850.58	109.0
60	2203118-2 100X	545731.78	117.4	11561170.66	119.6	3055785.68	113.9
61	2203118-2 1000X	539658.38	116.1	11687661.91	120.9	3054546.00	113.8
62	CCV	537091.48	115.5	11173711.50	115.6	2937328.08	109.5

ISTD Table

		195 Pt (ISTD) [2]		209 Bi (ISTD) [1]		209 Bi (ISTD) [2]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
63	CCB	530239.00	114.1	11252162.75	116.4	2997251.10	111.7
64	2203118-3 10X	541904.38	116.6	11392984.42	117.9	3044750.68	113.5
65	2203118-3 100X	506539.60	109.0	10927919.00	113.0	2857515.06	106.5
66	2203118-3 1000X	532956.44	114.7	11386936.08	117.8	3066493.81	114.3
67	CCV	552703.31	118.9	11454173.16	118.5	3056023.81	113.9
68	CCB	505349.19	108.7	10507389.01	108.7	2911506.10	108.5
69	IP220310-4MB ...	531786.61	114.4	11531817.33	119.3	3032464.64	113.0
70	IM220310-4RVS...	520224.64	111.9	11290009.41	116.8	2964069.23	110.4
71	IM220310-4LCS...	547597.18	117.8	11753666.91	121.6	3098469.95	115.5
72	IM220310-4LCS...	553969.43	119.2	11637573.16	120.4	3100406.93	115.5
73	2203029-1	470012.98	101.1	9629082.98	99.6	2509382.36	93.5
74	2203029-1 10X	551919.94	118.7	11616877.74	120.2	3072493.08	114.5
75	2203029-1 100X	559768.61	120.4	11887453.57	123.0	3231559.33	120.4
76	2203149-1 10X	555197.77	119.4	11923881.49	123.4	3148780.06	117.3
77	CCV	550130.66	118.3	11366213.58	117.6	3049050.48	113.6
78	CCB	528878.10	113.8	11198565.25	115.8	3031485.48	113.0
79	CCV	547548.04	117.8	11344914.83	117.4	3026842.25	112.8
80	CCB	559054.88	120.3	11715404.41	121.2	3139660.89	117.0
81	IP220302-4MB ...	518517.56	111.5	11444238.58	118.4	2933802.98	109.3
82	IM220302-4LCS...	548692.82	118.0	11238896.92	116.3	3073926.72	114.5
83	IM220302-4LCS...	551171.47	118.6	11481901.08	118.8	3102321.41	115.6
84	2202321-1 10X	518167.27	111.5	10413380.89	107.7	2765671.52	103.1
85	2202321-1 100X	550022.25	118.3	11362566.91	117.5	3031529.44	113.0
86	2202321-2 10X	518781.84	111.6	10470559.01	108.3	2758311.21	102.8
87	2202321-3 10X	531621.70	114.4	10795394.63	111.7	2875042.45	107.1
88	2202321-4 10X	369367.79	79.5	7315702.18	75.7	1894671.17	70.6
89	2202321-5 10X	247406.66	53.2	4796950.97	49.6	1260107.51	47.0
90	2202321-6 10X	248156.33	53.4	4569234.31	47.3	1253428.86	46.7
91	CCV	543962.90	117.0	10631685.47	110.0	3007290.16	112.1
92	CCB	547779.50	117.8	11173489.83	115.6	3053577.45	113.8
93	2202321-7 10X	300052.19	64.5	5956068.66	61.6	1515540.19	56.5

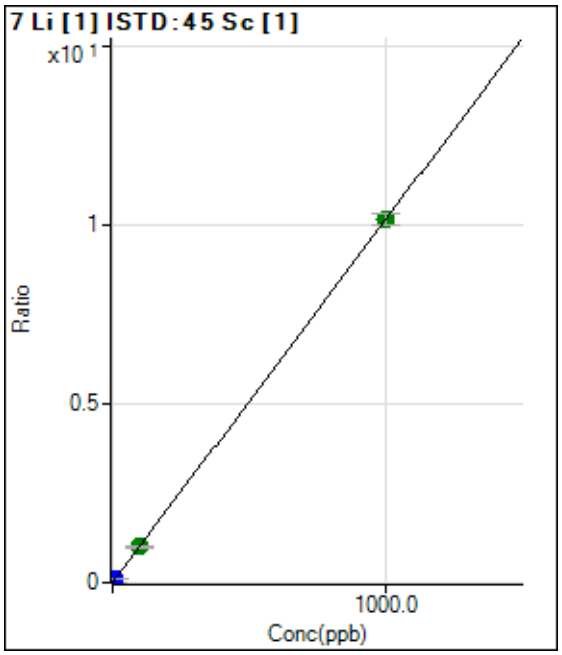
ISTD Table

		195 Pt (ISTD) [2]		209 Bi (ISTD) [1]		209 Bi (ISTD) [2]	
	Sample Name	CPS	Recovery%	CPS	Recovery%	CPS	Recovery%
94	2202321-8 10X	513547.84	110.5	9701663.81	100.4	2686589.23	100.1
95	2202321-9 10X	521496.62	112.2	10187878.39	105.4	2752168.19	102.6
96	2202321-10 10X	543065.14	116.8	10668944.42	110.4	2908982.77	108.4
97	2202321-11 10X	436975.00	94.0	8772586.95	90.8	2258470.17	84.2
98	2202321-11 100X	532214.08	114.5	10561622.76	109.3	2898811.31	108.0
99	2202321-12 10X	479610.73	103.2	9588422.77	99.2	2535275.59	94.5
100	2202321-12 100X	519669.85	111.8	10481927.76	108.4	2861749.02	106.6
101	2202321-13 10X	299067.76	64.3	5955625.75	61.6	1507860.66	56.2
102	CCV	540734.93	116.3	10800957.34	111.7	3013361.73	112.3
103	CCB	539187.18	116.0	11070356.92	114.5	3018607.66	112.5
104	2202321-14 10X	431359.41	92.8	8785022.37	90.9	2275777.73	84.8
105	2202321-14 100X	502565.95	108.1	10042462.35	103.9	2713335.69	101.1
106	2202321-15 10X	531527.05	114.3	10797316.51	111.7	2920266.83	108.8
107	2202321-16 10X	528234.90	113.6	10597478.59	109.6	2853984.13	106.3
108	2202321-16 100X	546694.63	117.6	11286356.92	116.8	3039703.71	113.3
109	CCV	533917.50	114.9	11062198.58	114.4	2960422.14	110.3
110	CCB	533533.30	114.8	11122298.17	115.1	2984423.39	111.2
111	RINSE	493961.49	106.3	10801612.76	111.7	2865274.33	106.8
112	RINSE	509073.51	109.5	11056785.67	114.4	2934246.21	109.3
113	RINSE	512347.19	110.2	11255190.25	116.4	2973438.50	110.8
114	RINSE	476034.24	102.4	10389250.68	107.5	2758615.48	102.8

Calibration for 006CALS_22C11m00.D

Batch Folder:	C:\ICPMH\1\DATA\22C11m01.B\
Analysis File:	22C11m01.batch.xml
DA Date-Time:	3/12/2022 09:06:27
Calibration Title:	
Calibration Method:	External Calibration
VIS Interpolation Fit:	
Tune Step:	#1 nogas.u
	#2 hehe.u

Level	Standard Data File	Sample Name	Acq. Date-Time
1	002CALB_22C11m00.D	BLANK	3/11/2022 12:21:29
2	003CALS_22C11m00.D	H/1000	3/11/2022 12:27:25
3	004CALS_22C11m00.D	H/100	3/11/2022 12:33:21
4	005CALS_22C11m00.D	H/10	3/11/2022 12:39:16
5	006CALS_22C11m00.D	HIGH	3/11/2022 12:45:07
6			



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	1327.40	0.0002	P	9.0
2	☐	1.0000	0.9314	75119.34	0.0096	P	4.2
3	☐	10.0000	9.3702	731346.00	0.0954	P	3.4
4	☐	100.0000	99.0591	7981994.67	1.0065	A	3.7
5	☐	1000.0000	1000.1005	96160485.33	10.1603	A	3.3
6	☐	200.0000					

y = 0.0102 * x + 1.8287E-004

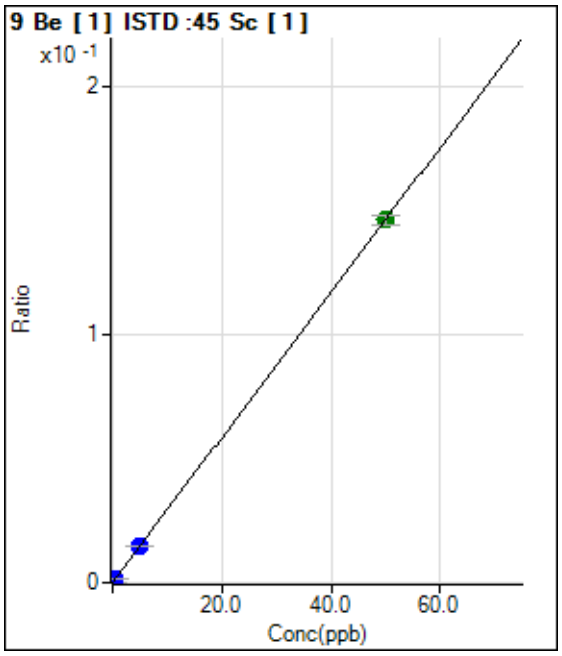
R = 1.0000

DL = 0.004863

BEC = 0.018

Weight: None

Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	76.00	0.0000	P	6.3
2	☐	0.0500	0.0492	1203.39	0.0002	P	2.4
3	☐	0.5000	0.5049	11401.19	0.0015	P	4.4
4	☐	5.0000	5.0751	117804.10	0.0149	P	3.2
5	☐	50.0000	49.9924	1383973.42	0.1462	A	2.8
6	☐	10.0000					

y = 0.0029 * x + 1.0439E-005

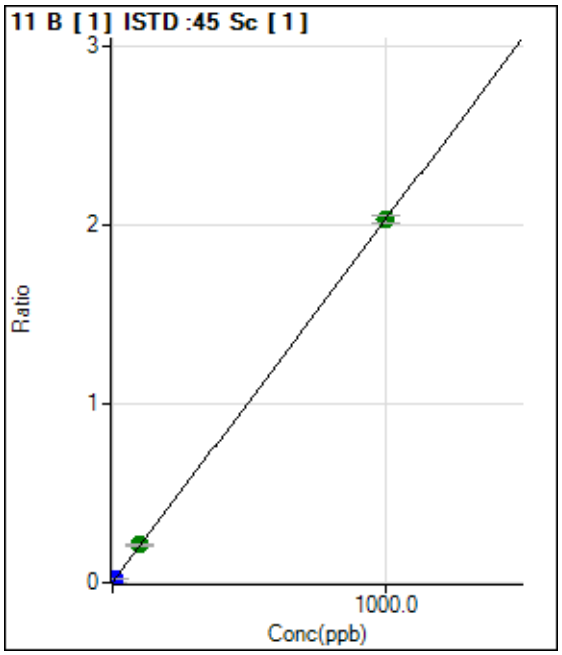
R = 1.0000

DL = 0.0006749

BEC = 0.003569

Weight: None

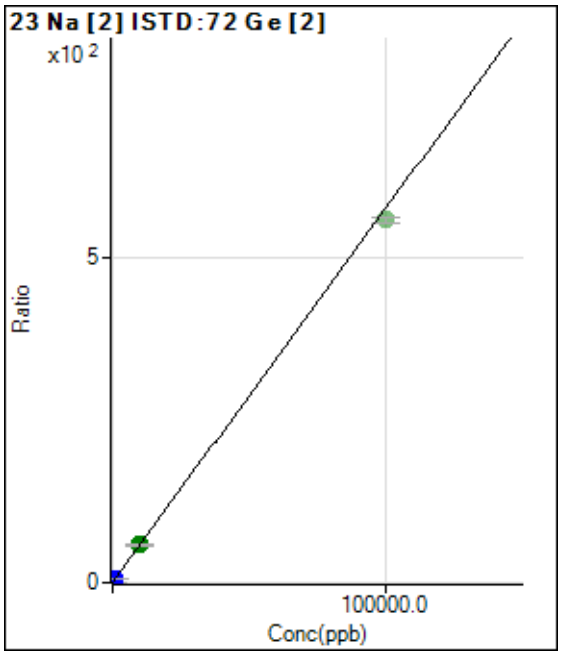
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	10155.36	0.0014	P	2.3
2	☐	1.0000	0.8395	24167.28	0.0031	P	2.2
3	☐	10.0000	9.8083	163549.64	0.0213	P	1.9
4	☐	100.0000	102.9018	1669621.25	0.2104	A	1.8
5	☐	1000.0000	999.7119	19239460.35	2.0322	A	2.0
6	☐	200.0000					

y = 0.0020 * x + 0.0014
R = 1.0000
DL = 0.04783
BEC = 0.6872

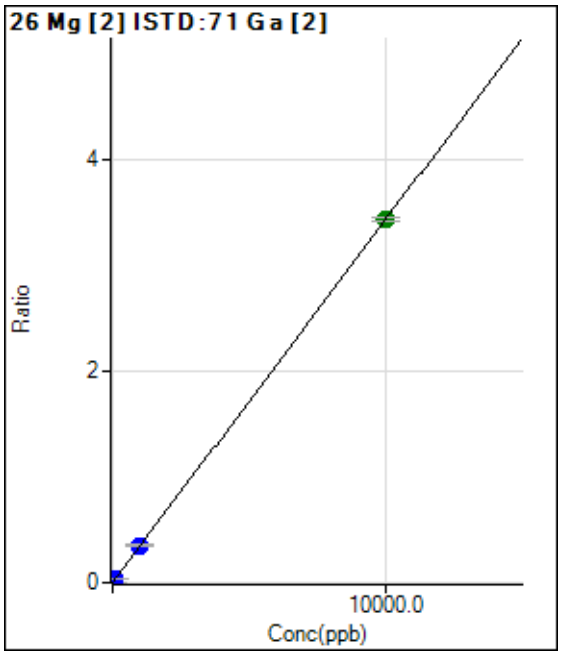
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	28158.02	0.2244	P	2.4
2	☐	100.0000	104.1500	109598.64	0.8229	P	1.2
3	☐	1000.0000	1006.0349	795268.06	6.0060	P	2.3
4	☐	10000.0000	9999.3550	7973858.63	57.6897	A	1.5
5	☑	100000.0000		86012638.72	557.6646	A	1.7
6	☐	20000.0000					

y = 0.0057 * x + 0.2244
R = 1.0000
DL = 2.777
BEC = 39.04

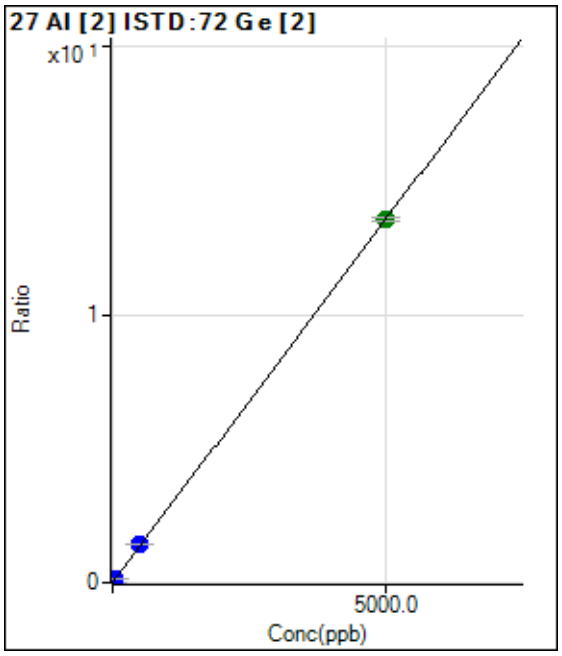
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	76.67	0.0002	P	39.0
2	☐	10.0000	10.1885	1260.11	0.0037	P	13.7
3	☐	100.0000	97.0326	11160.82	0.0336	P	6.2
4	☐	1000.0000	1026.8434	122191.87	0.3533	P	3.0
5	☐	10000.0000	9997.3451	1267919.95	3.4373	A	1.1
6	☐	2000.0000					

y = 3.4379E-004 * x + 2.4403E-004
R = 1.0000
DL = 0.8306
BEC = 0.7098

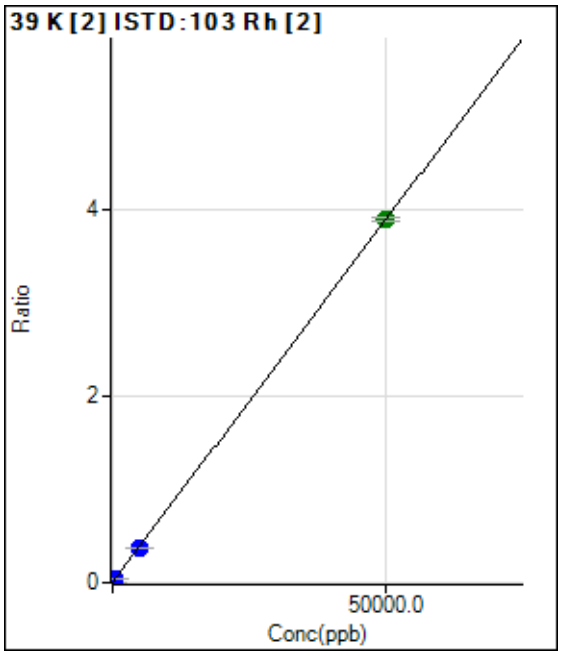
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	173.34	0.0014	P	9.3
2	☐	5.0000	5.1799	2053.57	0.0154	P	3.0
3	☐	50.0000	51.8372	18781.23	0.1418	P	3.0
4	☐	500.0000	523.0206	196080.68	1.4186	P	1.4
5	☐	5000.0000	4997.6794	2088896.01	13.5438	A	1.1
6	☐	1000.0000					

y = 0.0027 * x + 0.0014
R = 1.0000
DL = 0.1419
BEC = 0.5098

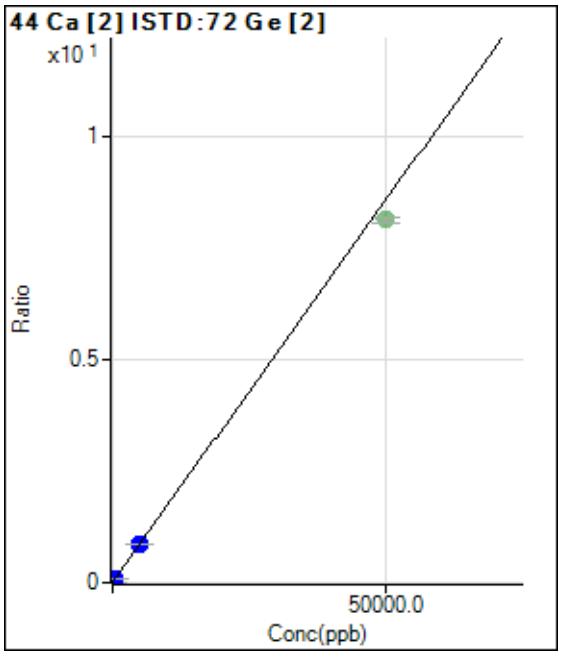
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	8195.76	0.0027	P	9.0
2	☐	50.0000	44.9674	20346.70	0.0062	P	2.3
3	☐	500.0000	465.5537	124477.05	0.0388	P	1.1
4	☐	5000.0000	4787.1839	1229033.60	0.3745	P	0.5
5	☐	50000.0000	50021.6311	12469557.73	3.8880	A	0.9
6	☐	10000.0000					

y = 7.7673E-005 * x + 0.0027
R = 1.0000
DL = 9.268
BEC = 34.46

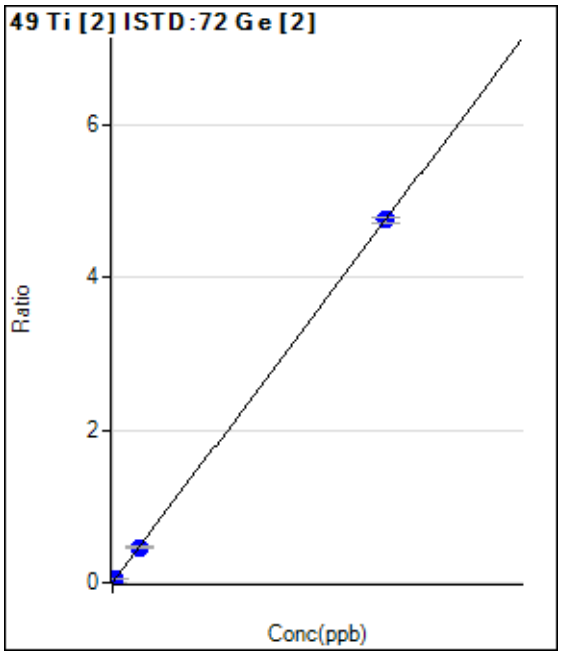
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	781.76	0.0062	P	13.2
2	☐	50.0000	20.0836	1288.66	0.0097	P	12.7
3	☐	500.0000	485.0813	11843.53	0.0894	P	3.0
4	☐	5000.0000	5001.7910	119467.61	0.8642	P	1.5
5	☑	50000.0000		1257050.50	8.1478	A	1.9
6	☐	10000.0000					

y = 1.7154E-004 * x + 0.0062
R = 1.0000
DL = 14.42
BEC = 36.32

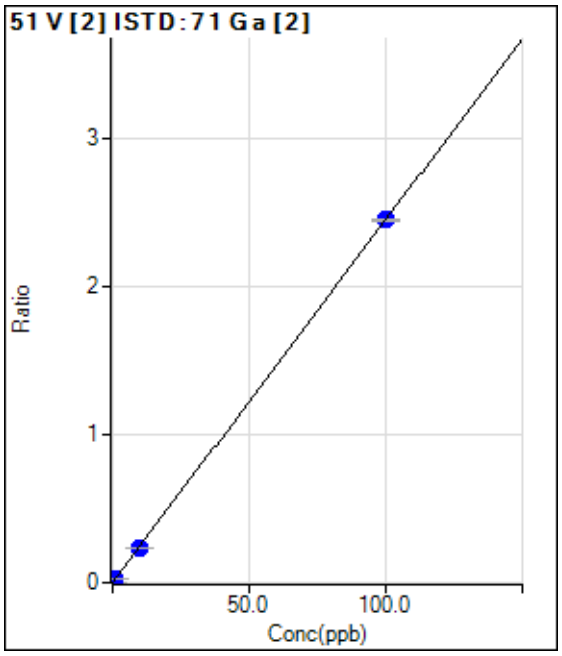
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	16.67	0.0001	P	34.8
2	☐	3.0000	3.1721	686.71	0.0052	P	22.2
3	☐	30.0000	30.6119	6438.25	0.0486	P	9.8
4	☐	300.0000	293.9696	64403.81	0.4659	P	1.3
5	☐	3000.0000	3000.5968	733339.68	4.7543	P	1.7
6	☐	400.0000					

y = 0.0016 * x + 1.3286E-004
R = 1.0000
DL = 0.08752
BEC = 0.08385

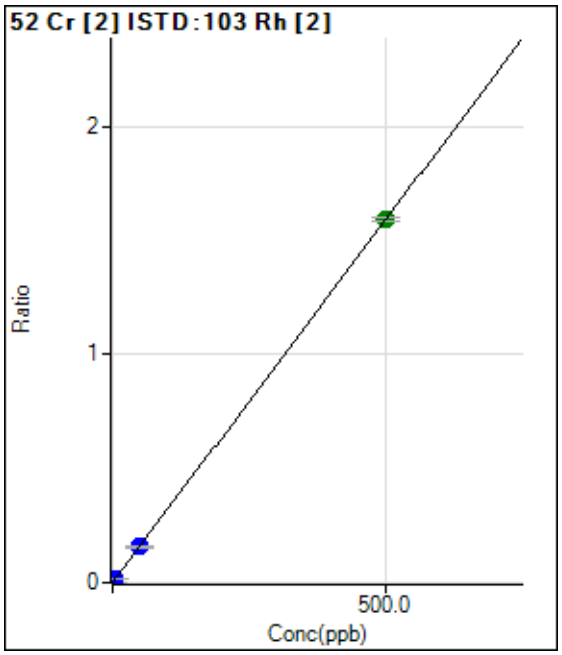
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	243.00	0.0008	P	4.8
2	☐	0.1000	0.0977	1063.37	0.0032	P	2.0
3	☐	1.0000	0.9457	7936.26	0.0239	P	2.1
4	☐	10.0000	9.5126	80677.50	0.2332	P	2.9
5	☐	100.0000	100.0493	902190.21	2.4457	P	0.6
6	☐	20.0000					

y = 0.0244 * x + 7.7503E-004
R = 1.0000
DL = 0.004593
BEC = 0.03171

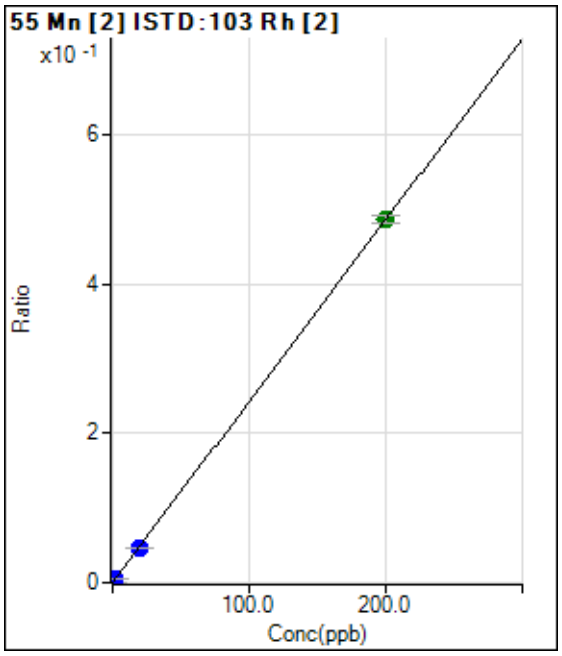
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	822.26	0.0003	P	7.8
2	☐	0.5000	0.4797	5920.03	0.0018	P	4.6
3	☐	5.0000	4.7400	49198.84	0.0154	P	4.5
4	☐	50.0000	48.9913	512558.38	0.1562	P	1.0
5	☐	500.0000	500.1035	5104803.69	1.5919	A	1.0
6	☐	100.0000					

y = 0.0032 * x + 2.6852E-004
R = 1.0000
DL = 0.01966
BEC = 0.08437

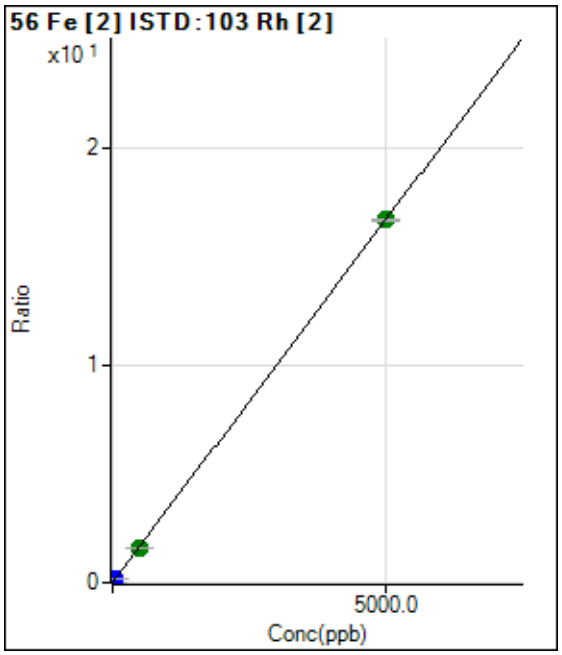
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	322.23	0.0001	P	4.7
2	☐	0.2000	0.2077	2009.04	0.0006	P	1.1
3	☐	2.0000	1.8582	14784.58	0.0046	P	4.1
4	☐	20.0000	19.0150	151755.10	0.0462	P	1.4
5	☐	200.0000	200.0999	1557166.75	0.4856	A	2.1
6	☐	40.0000					

y = 0.0024 * x + 1.0521E-004
R = 1.0000
DL = 0.006061
BEC = 0.04336

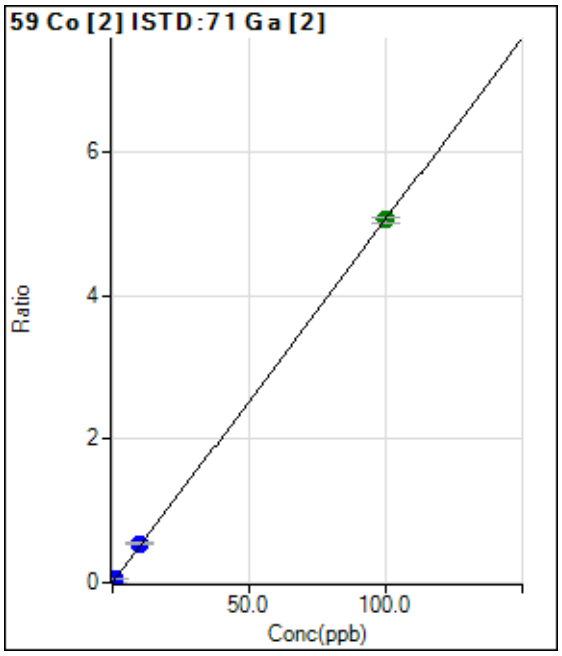
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	5521.02	0.0018	P	42.8
2	☐	5.0000	5.1714	62790.96	0.0190	P	0.4
3	☐	50.0000	49.7451	537009.07	0.1676	P	3.7
4	☐	500.0000	474.8277	5198013.26	1.5841	A	1.5
5	☐	5000.0000	5002.5196	53463482.54	16.6715	A	0.2
6	☐	1000.0000					

y = 0.0033 * x + 0.0018
R = 1.0000
DL = 0.6954
BEC = 0.5414

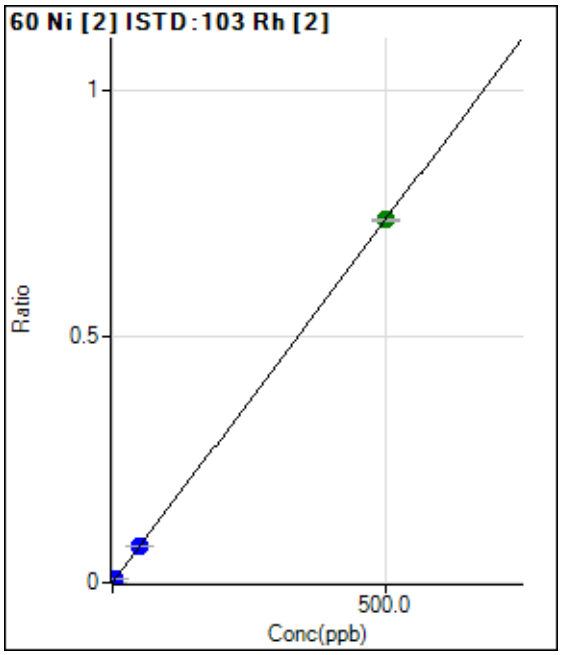
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	66.67	0.0002	P	22.3
2	☐	0.1000	0.1041	1840.13	0.0055	P	7.1
3	☐	1.0000	1.0665	17976.67	0.0541	P	5.0
4	☐	10.0000	10.7534	188047.22	0.5436	P	2.5
5	☐	100.0000	99.9240	1862607.43	5.0497	A	1.5
6	☐	20.0000					

y = 0.0505 * x + 2.1291E-004
R = 1.0000
DL = 0.002823
BEC = 0.004213

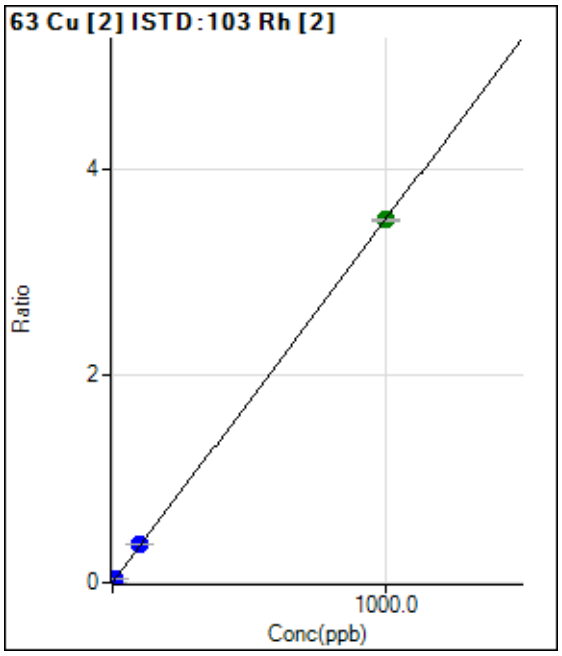
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	170.00	0.0001	P	15.5
2	☐	0.5000	0.5025	2621.36	0.0008	P	6.3
3	☐	5.0000	5.1079	24262.56	0.0076	P	4.9
4	☐	50.0000	51.1782	247299.93	0.0754	P	0.8
5	☐	500.0000	499.8811	2359076.02	0.7356	A	0.4
6	☐	100.0000					

y = 0.0015 * x + 5.5504E-005
R = 1.0000
DL = 0.01749
BEC = 0.03772

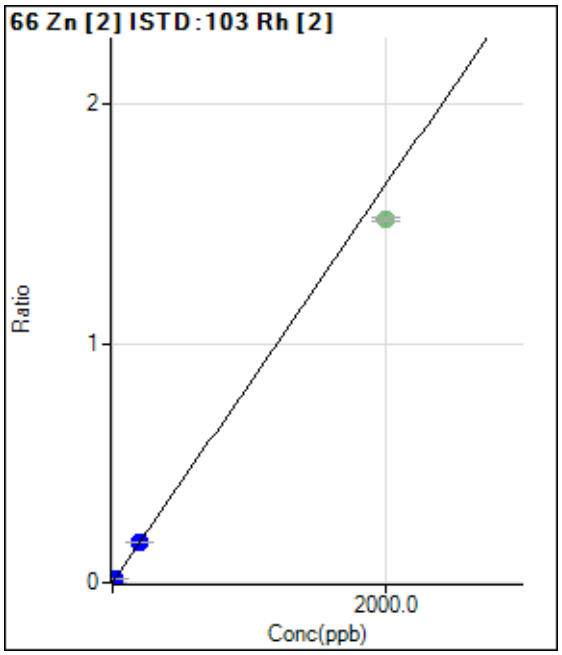
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	1217.84	0.0004	P	6.6
2	☐	1.0000	1.0936	13960.56	0.0042	P	4.6
3	☐	10.0000	10.5527	119901.22	0.0374	P	4.0
4	☐	100.0000	105.9984	1221360.75	0.3722	P	1.6
5	☐	1000.0000	999.3945	11243182.05	3.5059	A	0.6
6	☐	200.0000					

y = 0.0035 * x + 3.9762E-004
R = 1.0000
DL = 0.02255
BEC = 0.1134

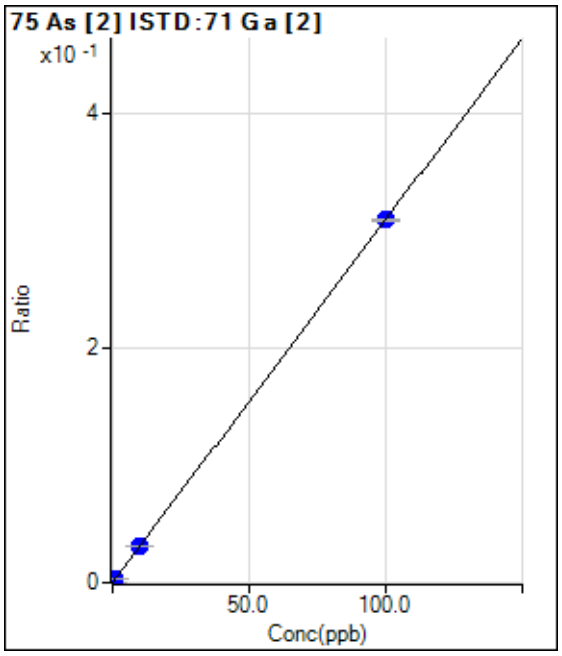
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	1723.50	0.0006	P	8.8
2	☐	2.0000	1.7224	6578.26	0.0020	P	3.7
3	☐	20.0000	19.7640	54452.42	0.0170	P	2.1
4	☐	200.0000	200.0264	547357.41	0.1668	P	0.5
5	☑	2000.0000		4867018.99	1.5179	A	1.1
6	☐	400.0000					

y = 8.3106E-004 * x + 5.6268E-004
R = 1.0000
DL = 0.1782
BEC = 0.6771

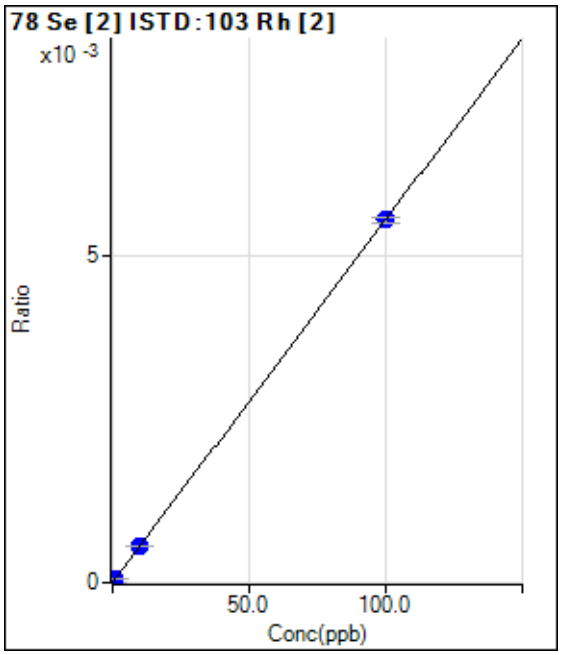
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	7.67	0.0000	P	33.7
2	☐	0.1000	0.1044	117.00	0.0003	P	11.7
3	☐	1.0000	1.0474	1086.37	0.0033	P	1.9
4	☐	10.0000	10.0007	10725.88	0.0310	P	3.2
5	☐	100.0000	99.9994	114295.72	0.3099	P	0.5
6	☐	20.0000					

y = 0.0031 * x + 2.4510E-005
R = 1.0000
DL = 0.007991
BEC = 0.007911

Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	1.07	0.0000	P	43.2
2	☐	0.1000	0.0865	16.93	0.0000	P	35.4
3	☐	1.0000	0.9678	173.07	0.0001	P	7.9
4	☐	10.0000	9.9688	1813.84	0.0006	P	2.1
5	☐	100.0000	100.0035	17767.65	0.0055	P	1.8
6	☐	20.0000					

y = 5.5411E-005 * x + 3.4823E-007

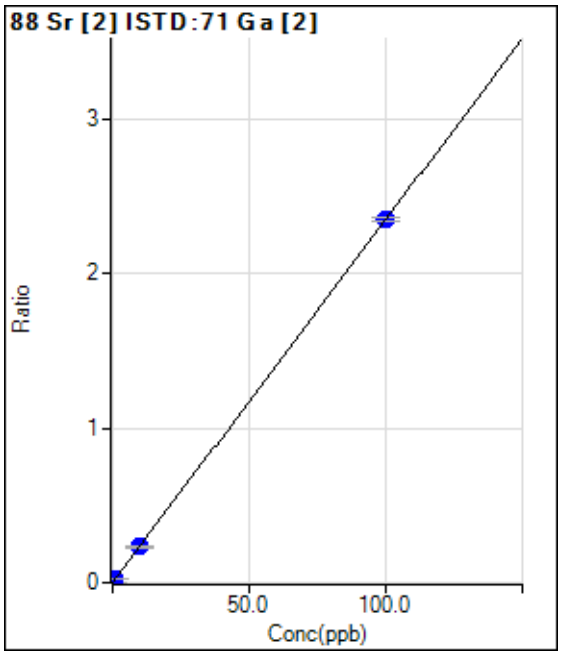
R = 1.0000

DL = 0.00815

BEC = 0.006285

Weight: None

Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	183.34	0.0006	P	37.9
2	☐	0.1000	0.0757	793.39	0.0024	P	7.8
3	☐	1.0000	0.9624	7695.53	0.0232	P	4.4
4	☐	10.0000	9.8539	80130.86	0.2317	P	3.1
5	☐	100.0000	100.0150	865299.39	2.3460	P	1.2
6	☐	20.0000					

y = 0.0235 * x + 5.8459E-004

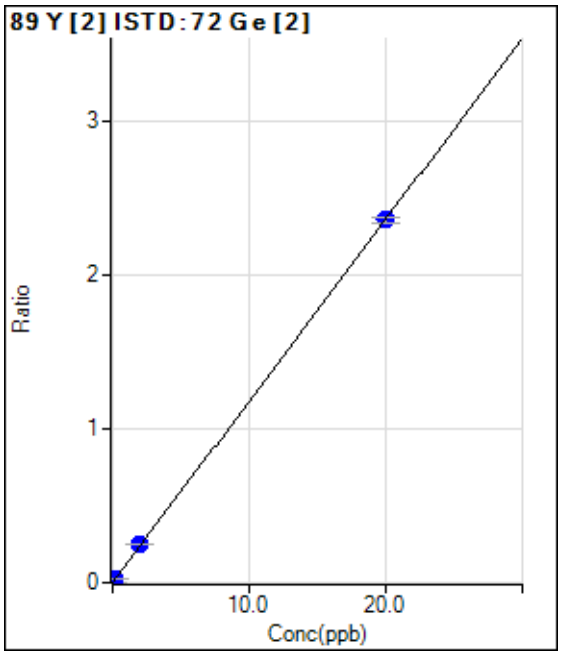
R = 1.0000

DL = 0.02836

BEC = 0.02493

Weight: None

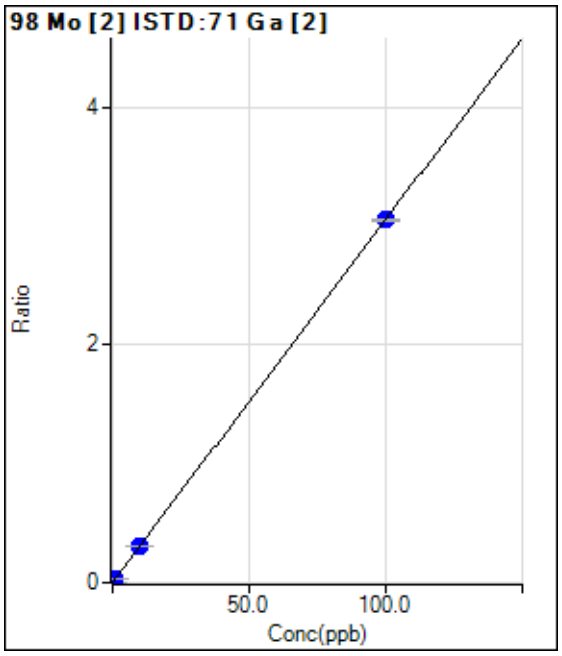
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	46.67	0.0004	P	24.4
2	☐	0.0200	0.0149	283.35	0.0021	P	27.6
3	☐	0.2000	0.2049	3247.15	0.0245	P	5.6
4	☐	2.0000	2.0790	33930.31	0.2455	P	1.4
5	☐	20.0000	19.9921	363536.19	2.3572	P	1.9
6	☐	6.0000					

y = 0.1179 * x + 3.7166E-004
R = 1.0000
DL = 0.00231
BEC = 0.003153

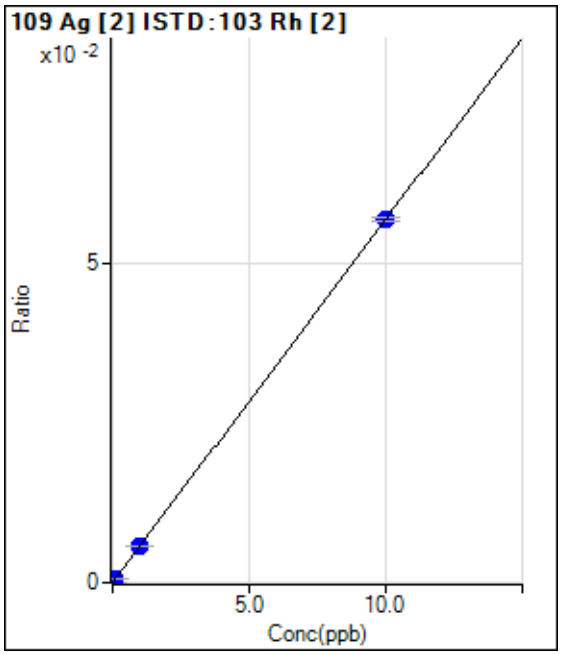
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	40.00	0.0001	P	7.8
2	☐	0.1000	0.0948	1016.72	0.0030	P	9.9
3	☐	1.0000	1.0114	10309.04	0.0310	P	6.0
4	☐	10.0000	10.0631	106344.50	0.3075	P	4.3
5	☐	100.0000	99.9936	1126696.52	3.0544	P	0.6
6	☐	20.0000					

y = 0.0305 * x + 1.2758E-004
R = 1.0000
DL = 0.0009742
BEC = 0.004177

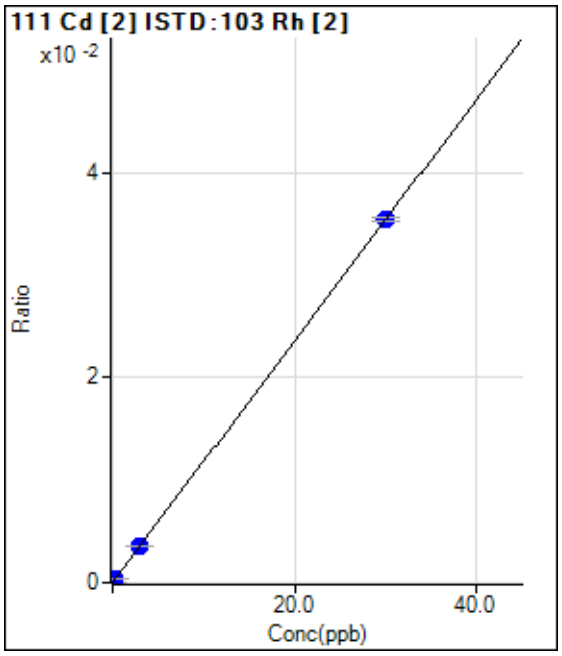
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	36.67	0.0000	P	59.9
2	☐	0.0100	0.0120	264.45	0.0001	P	11.6
3	☐	0.1000	0.1076	1994.60	0.0006	P	5.3
4	☐	1.0000	1.0128	18883.68	0.0058	P	0.3
5	☐	10.0000	9.9986	181801.77	0.0567	P	1.1
6	☐	2.0000					

y = 0.0057 * x + 1.1986E-005
R = 1.0000
DL = 0.003796
BEC = 0.002114

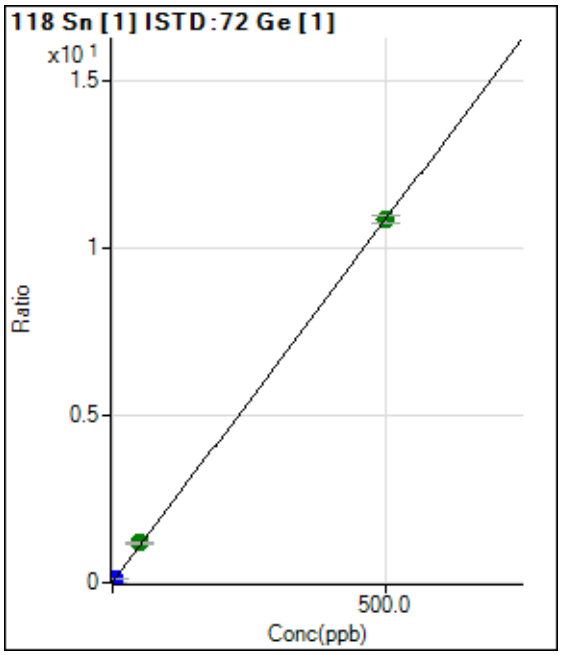
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	10.67	0.0000	P	10.6
2	☐	0.0300	0.0300	127.90	0.0000	P	25.8
3	☐	0.3000	0.2931	1119.03	0.0003	P	6.8
4	☐	3.0000	3.0248	11717.92	0.0036	P	0.2
5	☐	30.0000	29.9976	113449.70	0.0354	P	1.2
6	☐	6.0000					

y = 0.0012 * x + 3.4825E-006
R = 1.0000
DL = 0.000941
BEC = 0.002953

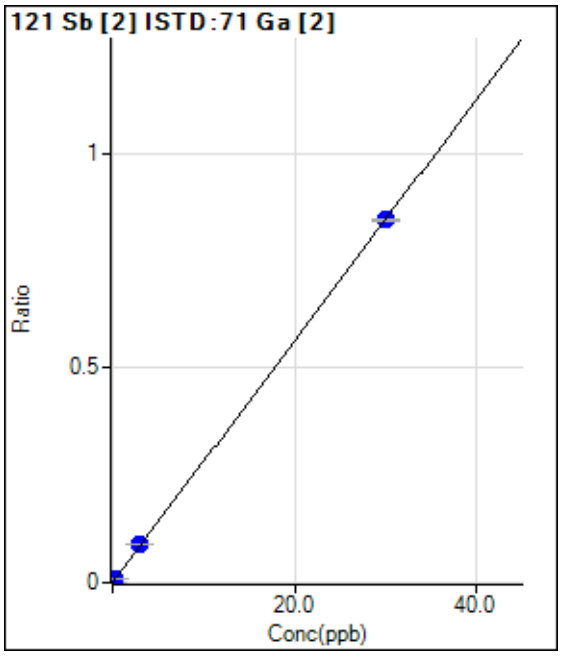
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	20754.52	0.0118	P	4.4
2	☐	0.5000	0.3257	35370.96	0.0188	P	1.8
3	☐	5.0000	5.3192	234943.55	0.1270	P	1.1
4	☐	50.0000	54.5734	2272150.28	1.1943	A	3.2
5	☐	500.0000	499.5396	22699033.83	10.8359	A	2.2
6	☐	100.0000					

y = 0.0217 * x + 0.0118
R = 1.0000
DL = 0.07214
BEC = 0.5435

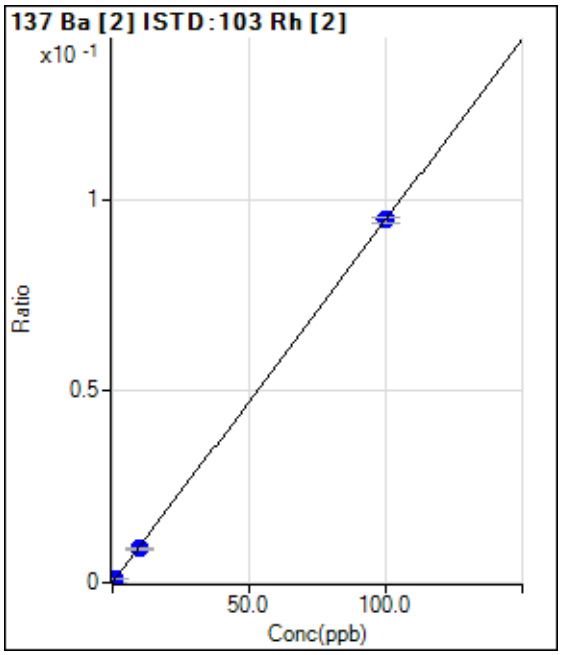
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	15.56	0.0000	P	49.9
2	☐	0.0300	0.0335	334.45	0.0010	P	4.3
3	☐	0.3000	0.3122	2938.10	0.0088	P	4.0
4	☐	3.0000	3.1535	30755.86	0.0889	P	2.7
5	☐	30.0000	29.9845	311677.54	0.8450	P	0.3
6	☐	6.0000					

y = 0.0282 * x + 4.9755E-005
R = 1.0000
DL = 0.002642
BEC = 0.001766

Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	56.67	0.0000	P	36.7
2	☐	0.1000	0.1075	396.69	0.0001	P	20.1
3	☐	1.0000	0.9396	2907.08	0.0009	P	10.5
4	☐	10.0000	9.3300	29038.60	0.0088	P	1.7
5	☐	100.0000	100.0676	303709.27	0.0947	P	1.4
6	☐	20.0000					

y = 9.4638E-004 * x + 1.8503E-005

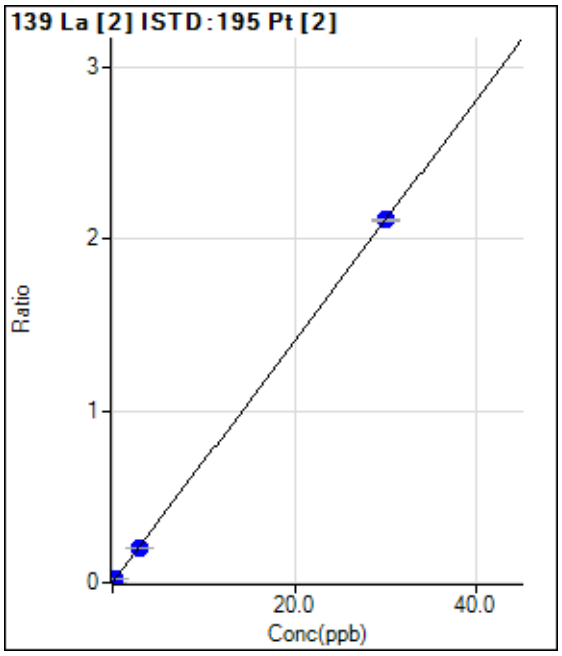
R = 1.0000

DL = 0.02152

BEC = 0.01955

Weight: None

Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	33.33	0.0001	P	95.2
2	☐	0.0300	0.0304	1096.76	0.0022	P	12.5
3	☐	0.3000	0.2799	9723.52	0.0198	P	6.3
4	☐	3.0000	2.8442	100570.73	0.2001	P	2.6
5	☐	30.0000	30.0158	1024960.61	2.1110	P	0.5
6	☐	6.0000					

y = 0.0703 * x + 7.1096E-005

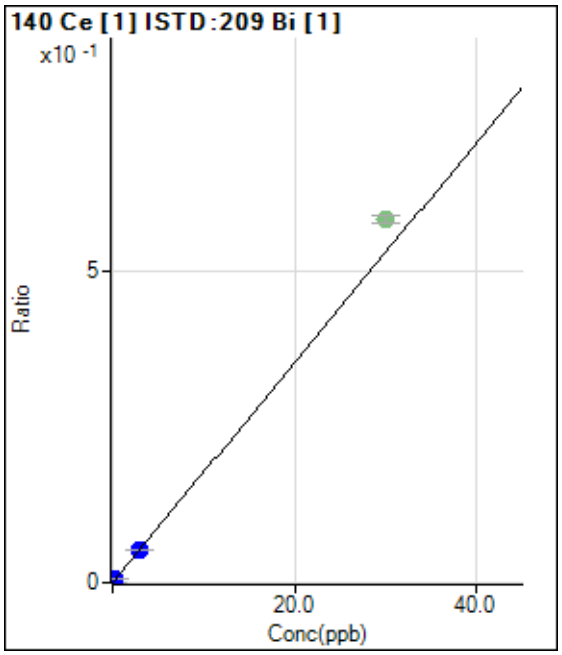
R = 1.0000

DL = 0.002888

BEC = 0.001011

Weight: None

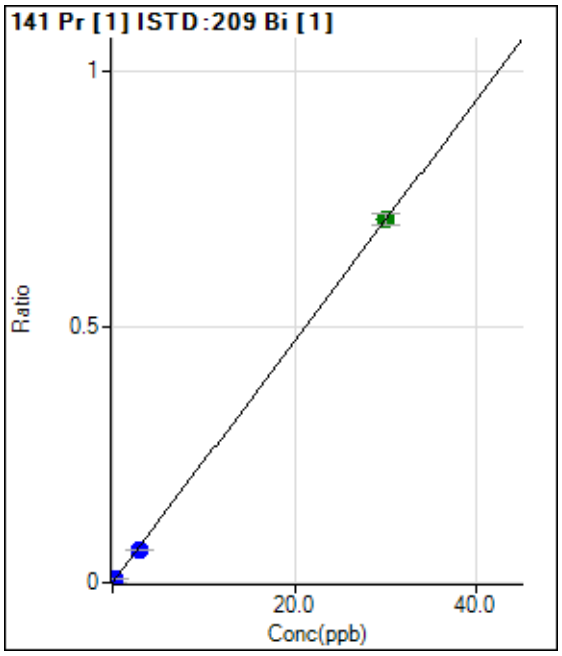
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	473.37	0.0000	P	13.3
2	☐	0.0300	0.0331	6364.94	0.0006	P	6.3
3	☐	0.3000	0.2926	52216.19	0.0052	P	3.5
4	☐	3.0000	3.0007	529795.72	0.0531	P	2.5
5	☑	30.0000		5439709.92	0.5824	A	2.0
6	☐	6.0000					

y = 0.0177 * x + 4.8855E-005
R = 1.0000
DL = 0.0011
BEC = 0.002764

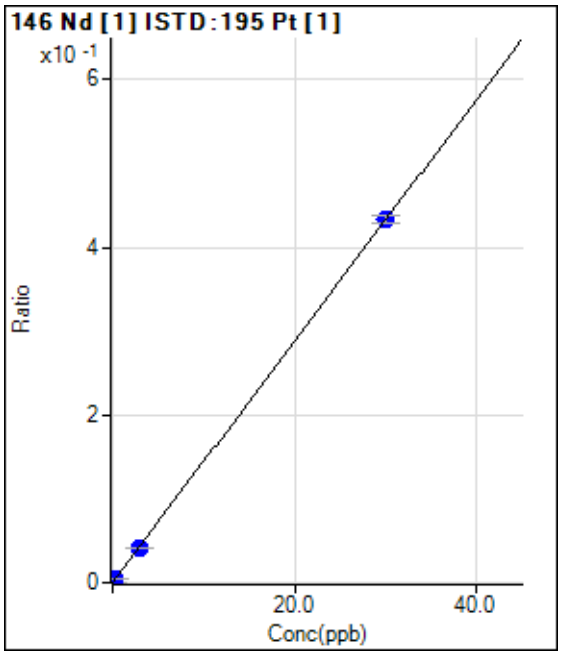
Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	56.67	0.0000	P	71.5
2	☐	0.0300	0.0271	6485.00	0.0006	P	7.1
3	☐	0.3000	0.2717	64305.54	0.0064	P	2.5
4	☐	3.0000	2.7465	647853.62	0.0649	P	2.0
5	☐	30.0000	30.0256	6624842.82	0.7094	A	3.0
6	☐	6.0000					

y = 0.0236 * x + 5.8715E-006
R = 1.0000
DL = 0.0005328
BEC = 0.0002485

Weight: None
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	53.33	0.0000	P	9.6
2	☐	0.0300	0.0297	1236.78	0.0004	P	9.3
3	☐	0.3000	0.2887	11328.19	0.0042	P	2.2
4	☐	3.0000	2.8406	113376.83	0.0410	P	1.9
5	☐	30.0000	30.0161	1164661.88	0.4326	P	2.2
6	☐	6.0000					

y = 0.0144 * x + 2.0207E-005

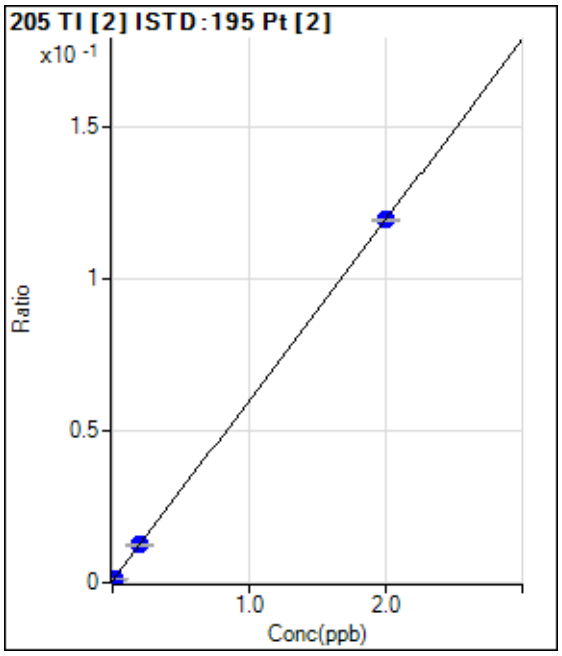
R = 1.0000

DL = 0.0004056

BEC = 0.001402

Weight: None

Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	268.57	0.0006	P	9.6
2	☐	0.0020	-0.0023	221.43	0.0004	P	10.3
3	☐	0.0200	0.0148	717.64	0.0015	P	5.2
4	☐	0.2000	0.1999	6264.22	0.0125	P	2.0
5	☐	2.0000	2.0001	58027.64	0.1195	P	0.7
6	☐	0.4000					

y = 0.0595 * x + 5.7826E-004

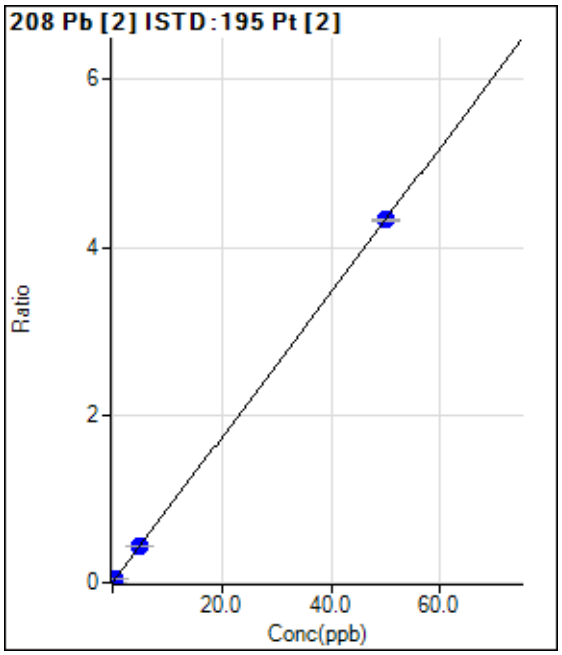
R = 1.0000

DL = 0.002791

BEC = 0.009724

Weight: None

Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	866.73	0.0019	P	5.3
2	☐	0.0500	0.0529	3203.65	0.0064	P	3.0
3	☐	0.5000	0.5239	23241.61	0.0472	P	2.7
4	☐	5.0000	5.1002	222743.88	0.4431	P	0.9
5	☐	50.0000	49.9897	2100798.29	4.3270	P	0.8
6	☐	10.0000					

y = 0.0865 * x + 0.0019

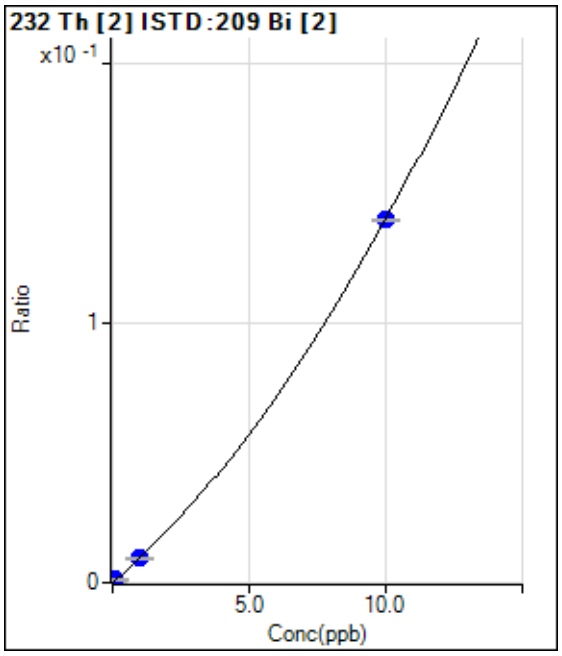
R = 1.0000

DL = 0.003434

BEC = 0.02156

Weight: None

Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0084	202.23	0.0001	P	79.8
2	☐	0.0100	0.0168	425.57	0.0002	P	8.1
3	☐	0.1000	0.1280	3229.32	0.0012	P	11.8
4	☐	1.0000	0.9971	26129.91	0.0094	P	7.5
5	☐	10.0000	10.0000	352485.95	0.1396	P	0.5
6	☐	2.0000					

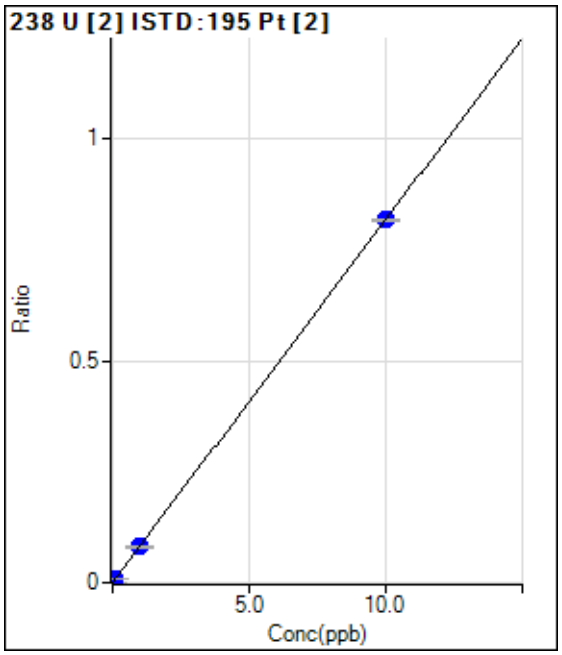
y = 5.0163E-004 * x ^ 2 + 0.0089 * x

DL = 0.02009

BEC = 0

Weight: None

Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.0000	0.0000	24.44	0.0001	P	67.9
2	☐	0.0100	0.0095	411.12	0.0008	P	8.4
3	☐	0.1000	0.1001	4051.75	0.0082	P	0.7
4	☐	1.0000	0.9871	40549.90	0.0807	P	3.6
5	☐	10.0000	10.0013	396612.33	0.8169	P	0.3
6	☐	2.0000					

y = 0.0817 * x + 5.2701E-005

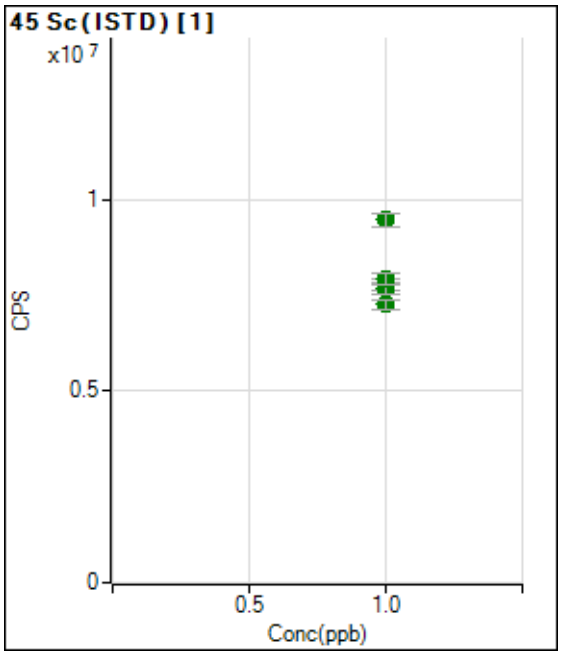
R = 1.0000

DL = 0.001315

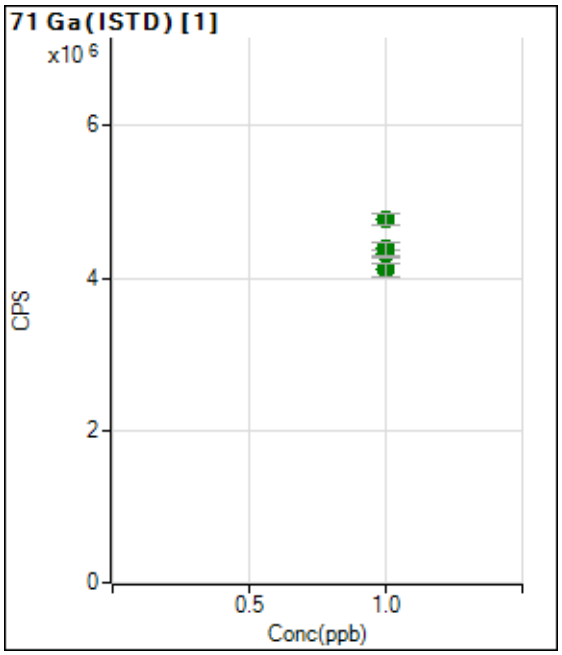
BEC = 0.0006453

Weight: None

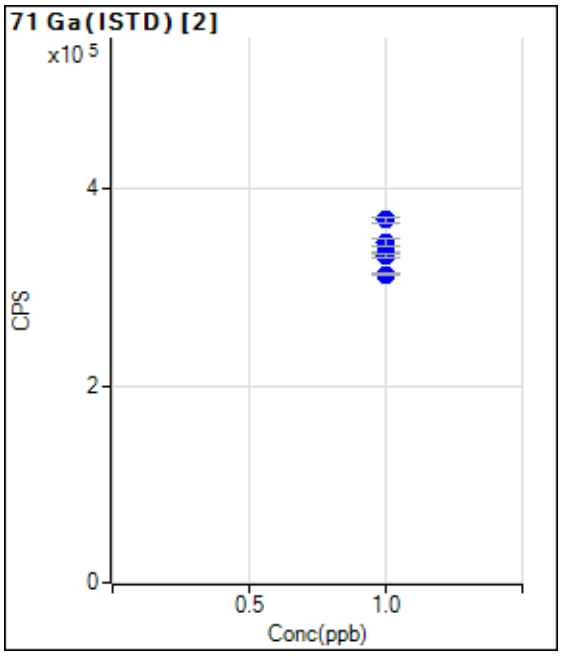
Min Conc: <None>



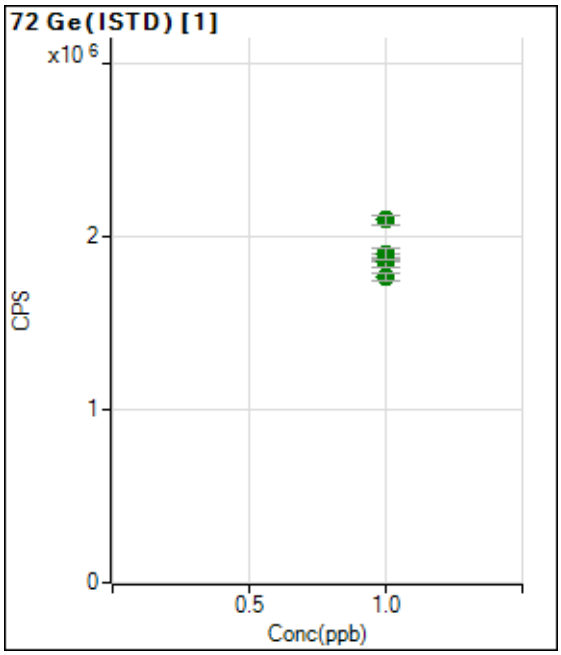
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		7273208.02		A	3.4
2	☐	1.0000		7795908.84		A	3.7
3	☐	1.0000		7674599.47		A	3.7
4	☐	1.0000		7938039.26		A	4.0
5	☐	1.0000		9471326.32		A	3.5
6	☐	1.0000					



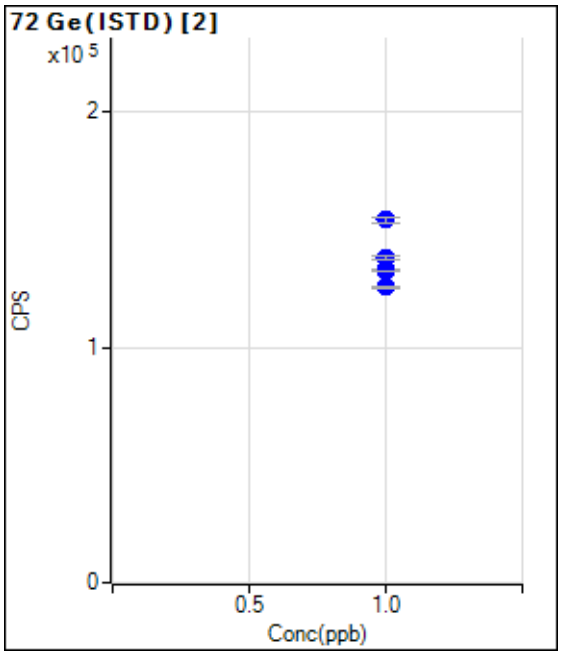
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		4104386.61		A	3.9
2	☐	1.0000		4374581.19		A	3.7
3	☐	1.0000		4315933.68		A	2.7
4	☐	1.0000		4389782.75		A	4.0
5	☐	1.0000		4762281.60		A	3.3
6	☐	1.0000					



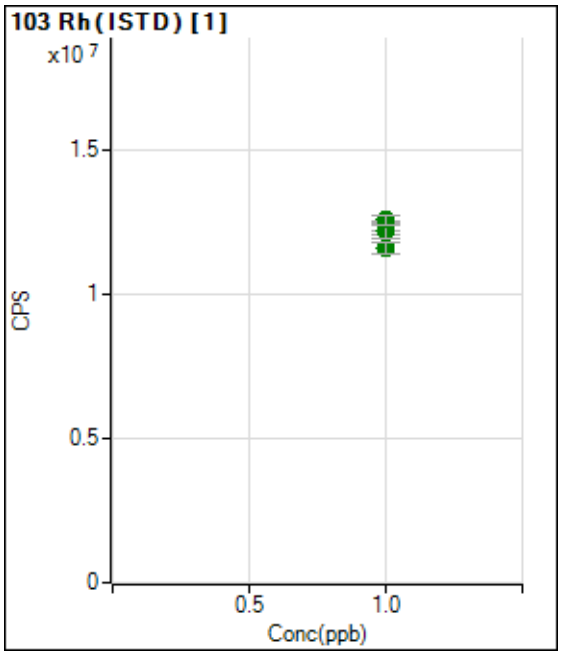
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		313440.35		P	1.0
2	☐	1.0000		336116.81		P	0.7
3	☐	1.0000		332255.16		P	1.4
4	☐	1.0000		346030.70		P	2.0
5	☐	1.0000		368862.03		P	1.4
6	☐	1.0000					



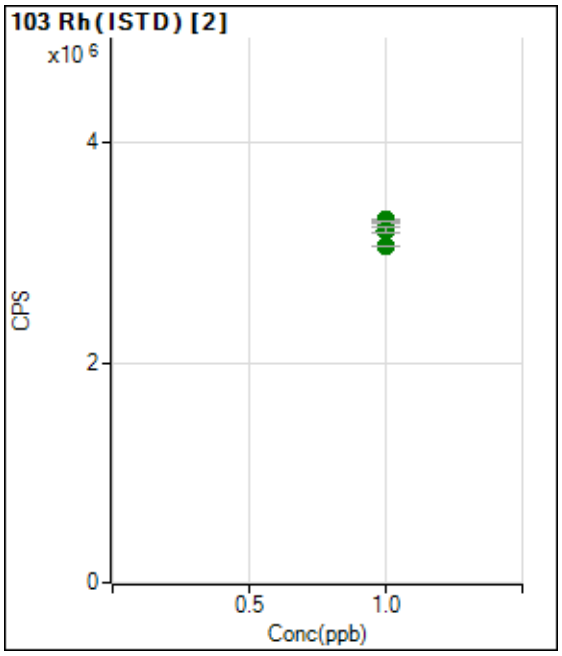
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		1763775.75		A	2.8
2	☐	1.0000		1878131.17		A	2.5
3	☐	1.0000		1849762.42		A	2.5
4	☐	1.0000		1903913.51		A	3.4
5	☐	1.0000		2095520.65		A	2.8
6	☐	1.0000					



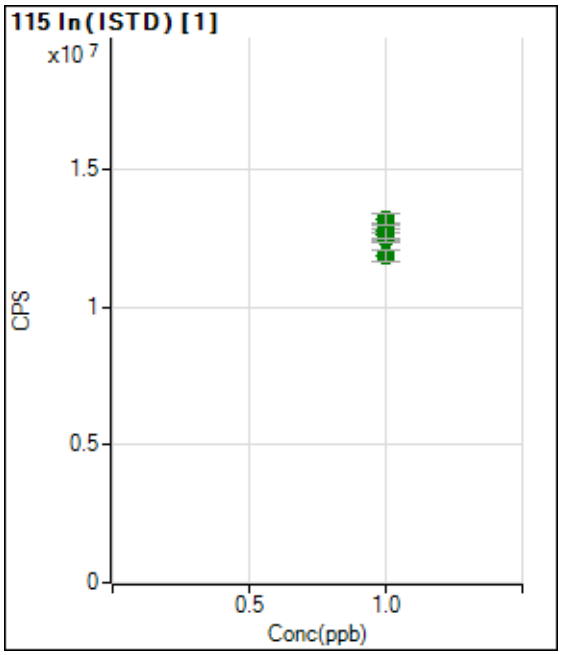
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		125506.38		P	0.5
2	☐	1.0000		133190.64		P	0.6
3	☐	1.0000		132415.28		P	0.4
4	☐	1.0000		138230.47		P	1.0
5	☐	1.0000		154247.18		P	1.8
6	☐	1.0000					



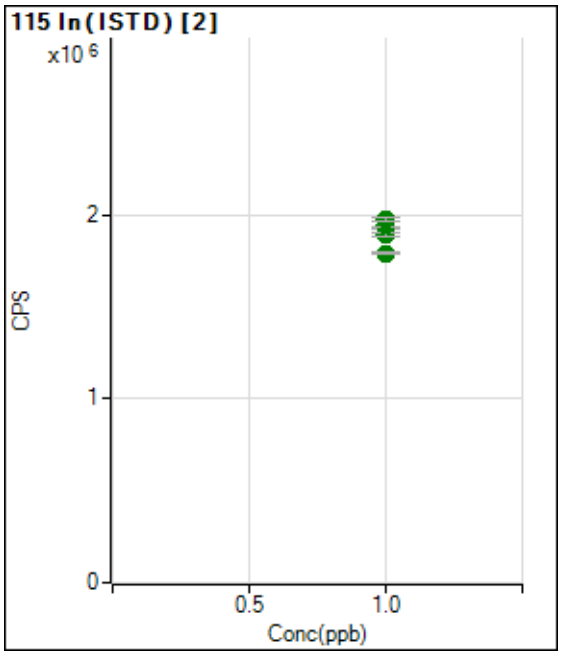
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		11571263.16		A	3.2
2	☐	1.0000		12349458.98		A	2.8
3	☐	1.0000		12207437.32		A	3.0
4	☐	1.0000		12192546.90		A	4.2
5	☐	1.0000		12553208.15		A	2.7
6	☐	1.0000					



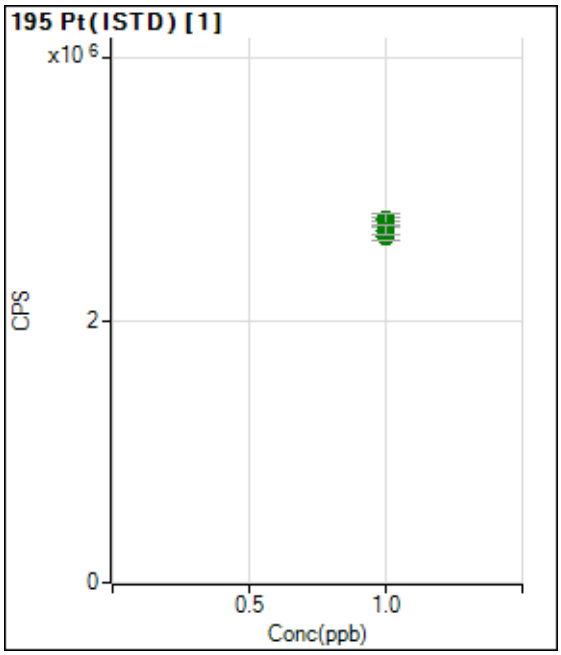
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		3062520.37		A	0.3
2	☐	1.0000		3298392.35		A	0.9
3	☐	1.0000		3205451.72		A	1.5
4	☐	1.0000		3281645.47		A	0.6
5	☐	1.0000		3206865.89		A	2.0
6	☐	1.0000					



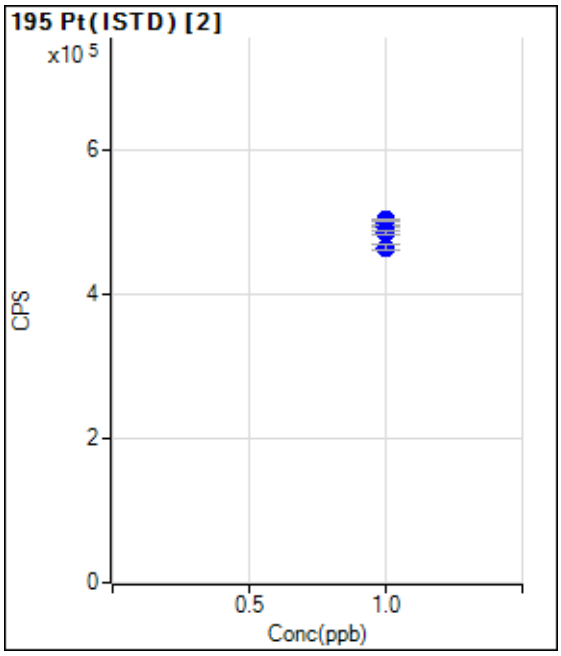
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		11892986.76		A	3.6
2	☐	1.0000		12644568.79		A	3.5
3	☐	1.0000		12530145.60		A	2.9
4	☐	1.0000		12802761.37		A	4.3
5	☐	1.0000		13182350.82		A	3.1
6	☐	1.0000					



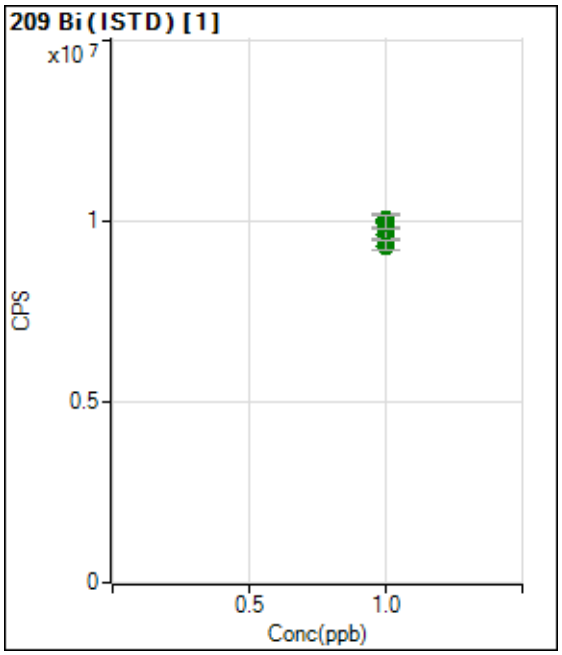
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		1790289.76		A	0.5
2	☐	1.0000		1926450.26		A	0.6
3	☐	1.0000		1894315.67		A	0.7
4	☐	1.0000		1950858.96		A	1.7
5	☐	1.0000		1973593.13		A	0.9
6	☐	1.0000					



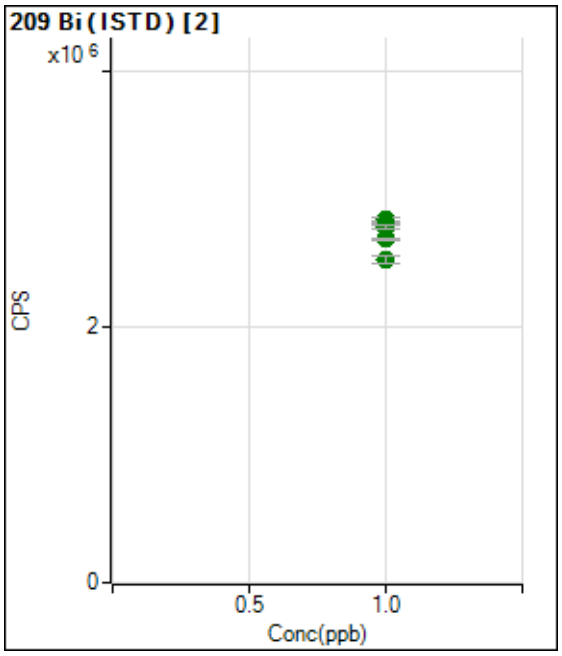
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		2637635.22		A	1.7
2	☐	1.0000		2757135.17		A	2.2
3	☐	1.0000		2708898.24		A	3.4
4	☐	1.0000		2769369.85		A	3.6
5	☐	1.0000		2693367.30		A	3.2
6	☐	1.0000					



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		464851.15		P	1.4
2	☐	1.0000		497518.52		P	2.3
3	☐	1.0000		492348.04		P	1.5
4	☐	1.0000		502653.47		P	0.7
5	☐	1.0000		485523.87		P	0.8
6	☐	1.0000					



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		9666697.56		A	2.6
2	☐	1.0000		10051689.64		A	3.6
3	☐	1.0000		10009640.48		A	2.9
4	☐	1.0000		9986774.23		A	3.4
5	☐	1.0000		9343047.15		A	2.8
6	☐	1.0000					



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.0000		2683678.19		A	0.8
2	☐	1.0000		2832672.56		A	1.1
3	☐	1.0000		2800608.39		A	0.6
4	☐	1.0000		2775450.17		A	1.1
5	☐	1.0000		2525984.60		A	2.2
6	☐	1.0000					

QC Tune Report

Data File: C:\ICPMH\1\7500\QCTUNE.D
Date Acquired: 11 Mar 2022 12:10:53 pm
Operator:
Misc Info:
Vial Number: 0
Current Method: C:\ICPMH\1\METHODS\2008TUNE.m

Minimum Response(CPS)

Element	Actual	Required	Flag

RSD (%)

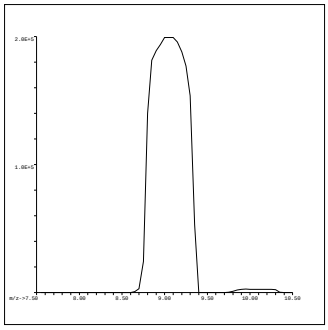
Element	Actual	Required	Flag
9 Be	0.95	5.00	
24 Mg	0.43	5.00	
25 Mg	0.82	5.00	
26 Mg	0.94	5.00	
59 Co	1.07	5.00	
115 In	0.57	5.00	
206 Pb	0.75	5.00	
207 Pb	0.91	5.00	
208 Pb	0.65	5.00	

Ion Ratio

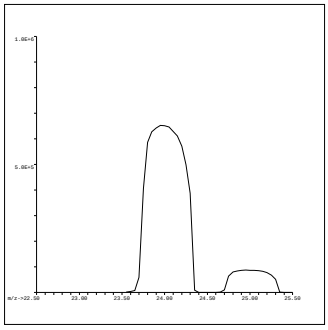
Element	Actual	Required	Flag

Maximum Bkg. Count(CPS)

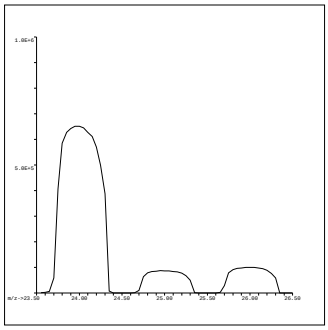
Element	Actual	Required	Flag



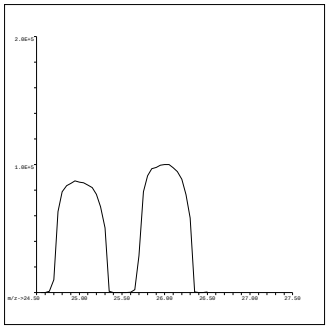
9 Be
Mass Calib.
Actual: 9.05
Required: 8.90-9.10
Flag:
Peak Width
Actual: 0.60
Required: 0.80
Flag:



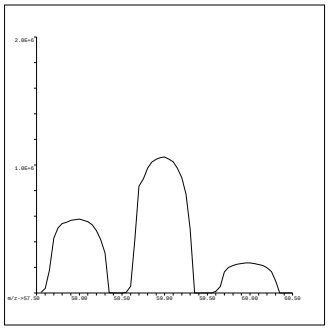
24 Mg
Mass Calib.
Actual: 24.00
Required: 23.90-24.10
Flag:
Peak Width
Actual: 0.60
Required: 0.80
Flag:



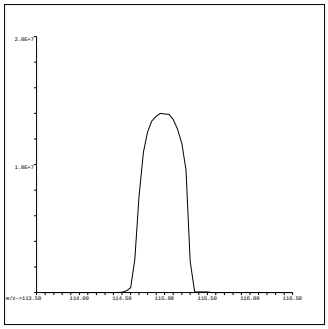
25 Mg
Mass Calib.
Actual: 25.00
Required: 24.90-25.10
Flag:
Peak Width
Actual: 0.60
Required: 0.80
Flag:



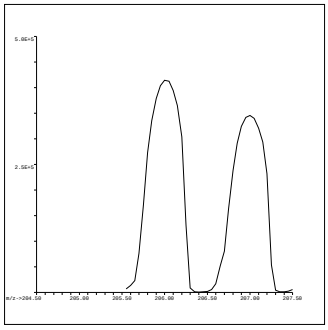
26 Mg
Mass Calib.
Actual: 26.00
Required: 25.90-26.10
Flag:
Peak Width
Actual: 0.60
Required: 0.80
Flag:



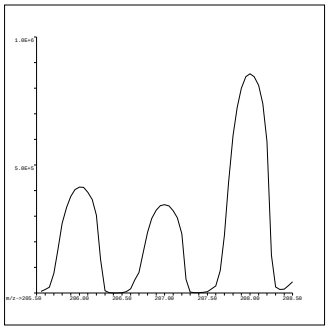
59 Co
Mass Calib.
Actual: 59.00
Required: 58.90-59.10
Flag:
Peak Width
Actual: 0.65
Required: 0.80
Flag:



115 In
Mass Calib.
Actual: 115.00
Required: 114.90-115.10
Flag:
Peak Width
Actual: 0.65
Required: 0.80
Flag:

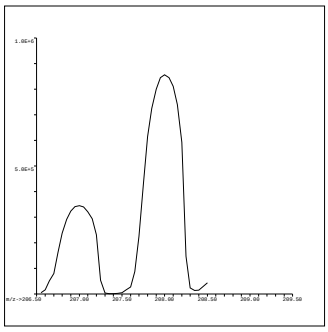


206 Pb
Mass Calib.
Actual: 206.00
Required: 205.90-206.10
Flag:
Peak Width
Actual: 0.55
Required: 0.80
Flag:



207 Pb
Mass Calib.
Actual: 207.00
Required: 206.90-207.10
Flag:
Peak Width
Actual: 0.60
Required: 0.80
Flag:

C:\ICPMH\1\7500\QCTUNE.D



208 Pb
Mass Calib.
   Actual: 208.00
   Required: 207.90-208.10
   Flag:
Peak Width
   Actual: 0.60
   Required: 0.80
   Flag:

QC Tune Result:Pass

Header Information for Analytical Run: HG220308-1A1

Analyst: JSD

Standards:

Stock A: 10ppm (ST211115-3)

Stock B: 10ppm (ST211115-4)

Reagents:

HNO_3: RG210726-1; **HCL:** RG220228-2; **SNCL:** RG210602-1; **$KMNO_4$:** RG220303-1; **HYDROXYLAMINE SULFATE:** RG220113-1; **H_2SO_4:** RG190906-5; **$K_2S_2O_8$:** RG211012-2

Pipettes Used:

M-80: 0.1 mL to 1.0 mL

M-81: 0.01 mL to 0.1 mL

M-85: 1.0 mL to 5.0 mL

Method of Dilution:

2X: Dilution made by diluting 2.5 mL of sample to a 5 mL final volume.

5X: Dilution made by diluting 1 mL of sample to a 5 mL final volume.

10x: Dilution made by diluting 0.5 mL of sample to a 5 mL final volume

20x: Dilution made by diluting 0.25 mL of sample to a 5 mL final volume

50x: Dilution made by diluting 0.1 mL of sample to a 5 mL final volume

100X: Dilution made by diluting 0.05 mL of sample to a 5 mL final volume

500X: Dilution made by diluting a 5X dilution 100X mL

1000X: Dilution made by diluting a 10X dilution 100X. Final/Sample

Daily Maintenance:

1. Check/change peristaltic pump tubing.
2. Check gas liquid separator for deposits, clean if necessary.
3. Check/refill rinse water and stannous chloride reservoirs.
4. Record Hg intensity/Hg lamp current.

Daily Maintenance done by: **JSD**

Monthly Maintenance:

1. Clean sample and reference cells.
2. Check/change Nafion drying cartridge.
3. Check/change GLS capillary inlet.

Monthly Maintenance done by: **JSD 2/23/2022**

Report Generated By Teledyne Leeman QuickTrace

Analyst: alfcl.nouser

Worksheet file: C:\Users\Public\Documents\Teledyne CETAC\QuickTrace\Worksheets\HG220308-1.wszf

Creation Date: 3/8/2022 11:28:29 AM

Comment:

Results

Sample Name				Type	Conc (ppb)	µAbs	%RSD	Residual	Flags	DF	% Recovery
Calibration Blank				STD	0.00	438	1.65			1.0000	N/A
Replicates	431.6	446.3	441.4	431.9							
Standard #1 (0.2 ppb)				STD	0.20	4293	0.70	1.89%		1.0000	N/A
Replicates	4260.0	4277.5	4305.1	4328.0							
Standard #2 (0.50 ppb)				STD	0.50	10132	0.33	-1.02%		1.0000	N/A
Replicates	10093.0	10116.5	10155.5	10163.3							
Standard #3 (1 ppb)				STD	1.00	20124	0.34	-0.62%		1.0000	N/A
Replicates	20027.8	20131.6	20150.3	20186.6							
Standard #4 (2 ppb)				STD	2.00	39955	0.33	-0.68%		1.0000	N/A
Replicates	39769.3	39959.7	40018.9	40073.5							
Standard #5 (5 ppb)				STD	5.00	99964	0.26	0.23%		1.0000	N/A
Replicates	99588.2	99976.0	100129.7	100162.7							
Standard #6 (10 ppb)				STD	10.00	197452	0.47	-0.02%		1.0000	N/A
Replicates	196198.0	197349.0	197974.7	198287.7							

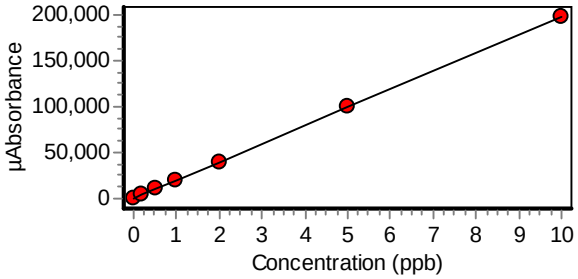
Calibration

Equation: Abs = -35.30533x*x + 20082.670x + 201.786

R2: 0.99999 RSE: 1.35%

SEE: 232.6340

Flags:



ICV				ICV	1.03	20885	0.36			1.0000	103.18
Replicates	20785.8	20875.6	20918.1	20959.5							
ICB				ICB	0.00	124	27.43			1.0000	N/A
Replicates	107.7	104.4	138.4	146.4							
CRA				UNK	0.21	4331	0.61			1.0000	N/A
Replicates	4297.9	4332.6	4332.6	4359.4							
RVS				UNK	0.12	2687	0.49			1.0000	N/A
Replicates	2678.2	2679.9	2685.1	2704.8							
HG220308-1MB				UNK	0.01	377	9.72			1.0000	N/A
Replicates	374.4	371.1	361.2	401.1							
HG220308-1LCS				UNK	1.04	21019	0.28			1.0000	N/A
Replicates	20948.3	20996.4	21057.0	21076.2							

Sample Name				Type	Conc (ppb)	µAbs	%RSD	Residual	Flags	DF	% Recovery
HG220308-1LCSD				UNK	1.04	21070	0.35			1.0000	N/A
	Replicates	20979.1	21054.7	21090.8	21156.0						
2203068-1				UNK	0.51	10413	0.50			1.0000	N/A
	Replicates	10345.1	10403.1	10444.1	10459.1						
2203068-1MS				UNK	2.46	49465	0.33			1.0000	N/A
	Replicates	49239.2	49468.4	49550.5	49600.4						
2203068-2				UNK	0.75	15151	0.32			1.0000	N/A
	Replicates	15081.9	15166.1	15160.1	15194.3						
2203068-3				UNK	0.35	7226	0.44			1.0000	N/A
	Replicates	7191.5	7208.4	7249.4	7253.5						
2203068-4				UNK	0.32	6564	0.45			1.0000	N/A
	Replicates	6527.2	6557.2	6578.4	6593.5						
CCV				CCV	1.98	39829	0.36			1.0000	99.01
	Replicates	39654.1	39782.9	39892.5	39988.0						
CCB				CCB	0.00	191	125.49			1.0000	N/A
	Replicates	207.2	182.3	196.8	178.8						
2203068-5				UNK	0.41	8477	0.42			1.0000	N/A
	Replicates	8441.9	8454.7	8516.5	8496.0						
2203068-6				UNK	0.42	8620	0.69			1.0000	N/A
	Replicates	8539.8	8616.6	8667.1	8657.0						
2203068-7				UNK	0.51	10393	0.67			1.0000	N/A
	Replicates	10303.7	10395.6	10404.4	10469.6						
2203068-8				UNK	0.51	10434	0.55			1.0000	N/A
	Replicates	10364.3	10416.8	10463.0	10492.3						
2203068-9				UNK	0.51	10456	0.55			1.0000	N/A
	Replicates	10384.2	10443.8	10478.6	10517.9						
2203068-10				UNK	0.51	10361	0.25			1.0000	N/A
	Replicates	10338.1	10341.1	10373.9	10390.9						
CCV				CCV	1.98	39859	0.44			1.0000	99.08
	Replicates	39628.6	39835.4	39936.4	40036.9						
CCB				CCB	0.00	299	13.84			1.0000	N/A
	Replicates	301.8	290.4	315.9	285.9						

Miscellaneous

Prep Batch: IP220310-1

Metals Prep Worksheet

Start Date: 3/10/2022 **End Date:** 3/10/2022 **Extract Method:** SW3050 B **Balance 1:** 30
Start Time: 9:32 **End Time:** 18:00 **Initial Volume Units:** g **Block Temp (°C):** 95.5
Prep Analyst: Erika T. Camire **Final Volume Units:** ml

Comments:

Prep Number	Lab ID	Initial Wt/Vol	Final Wt/Vol	pH	Prep Notes	Standards
1	IM220310-1RVS	1	100			T1
1	2203068-1	1.011	100			
1	2203068-2	1.013	100			
1	2203068-3	1.004	100			
1	2203068-4	1.003	100			
1	2203068-5	1.002	100			
1	2203068-6	1.005	100			
1	2203068-7	1.012	100			
1	2203068-8	1.006	100			
1	2203068-9	1	100			
1	2203068-10	1.016	100			
1	IM220310-1LCS	1	100			S1
1	IM220310-1LCSD	1	100			S1
1	IP220310-1MB	1	100			

All samples for Metals analysis are checked for pH in Sample Control, upon receipt at the laboratory. Only samples that (1) had pH>2 as measured in Sample Control, or (2) require preparation by method 200.2 will have an entry in the pH column of this worksheet.

Spike Solution Information

Soln #	SolnID	Aliquot	Units	PiptetID
	RG211129-2	10	ml	
	RG220228-2	10	ml	
S1	ST210819-1	1	ml	M-18
T1	ST220214-7	1	ml	M-18

ALS -- Fort Collins

LIMS Version: 7.029

Date Printed: Tuesday, March 15, 2022

Percent Moisture

Method SOP642 Revision 10

Lab Name: ALS -- Fort Collins

Balance ID: 50
Date Extracted: 03/15/2022 **Oven ID:** 17 **Validated By:** jpe
Date Analyzed: 03/15/2022 **In Oven:** 3/14/2022 17:00 **Validation Date:** 03/15/2022
Analyst: Chris P. Casillas **Out of Oven:** 3/15/2022 9:00 **Validation Time:** 10:05:14 AM

Run ID	Prep Batch ID	QC Batch ID	Lab ID	QC Type	Dish Wt	Wet Wt	Dry Wt	Dry Wt-Dish Wt	Percent Moisture	Percent Solids	RPD
EX220314-10A	EX220314-10	EX220314-10-1	2203068-1	SMP	1.247	10.032	10.22	8.97	10.6	89.4	
EX220314-10A	EX220314-10	EX220314-10-1	2203068-2	DUP	1.245	10.218	10.04	8.79	14.0	86.0	0
EX220314-10A	EX220314-10	EX220314-10-1	2203068-2	SMP	1.243	10.321	10.12	8.88	14.0	86.0	
EX220314-11A	EX220314-11	EX220314-11-1	2203068-3	DUP	1.247	10.304	11.52	10.27	0.3	99.7	36
EX220314-11A	EX220314-11	EX220314-11-1	2203068-3	SMP	1.247	10.122	11.33	10.08	0.4	99.6	
EX220314-11A	EX220314-11	EX220314-11-1	2203068-4	SMP	1.243	10.243	9.882	8.64	15.7	84.3	
EX220314-11A	EX220314-11	EX220314-11-1	2203068-5	SMP	1.246	10.416	11.51	10.26	1.5	98.5	
EX220314-11A	EX220314-11	EX220314-11-1	2203068-6	SMP	1.249	10.361	11.51	10.26	1.0	99.0	
EX220314-11A	EX220314-11	EX220314-11-1	2203068-7	SMP	1.252	10.043	9.95	8.70	13.4	86.6	
EX220314-11A	EX220314-11	EX220314-11-1	2203068-8	SMP	1.239	10.317	10.38	9.14	11.4	88.6	
EX220314-11A	EX220314-11	EX220314-11-1	2203068-9	SMP	1.25	10.025	9.839	8.59	14.3	85.7	
EX220314-11A	EX220314-11	EX220314-11-1	2203068-10	SMP	1.246	10.68	10.29	9.04	15.3	84.7	

QC Types

CAR	Carrier reference sample	DLS	Detection Limit Standard
DUP	Laboratory Duplicate	LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate	LODV	Limit of Detection Verification
LOQV	Limit of Quantitation Verification	MB	Method Blank
MS	Laboratory Matrix Spike	MSD	Laboratory Matrix Spike Duplicate
REP	Sample replicate	RVS	Reporting Level Verification Standar
SMP	Field Sample	SYS	Sample Yield Spike

Comments:

DUP = Sample Duplicate
Wet Wt = Sample Wet Wt - Dish Wt
Dry Wt = Sample Dry Wt + Dish Wt
Dry Wt - Dish Wt = Sample Dry Wt - Dish Wt
All weight values shown above are expressed in grams.

$$RPD = \frac{|\text{Sample Value - Duplicate Value}|}{(\text{Sample Value + Duplicate Value})/2} \times 100$$

$$\%\ \text{Solids} = \frac{\text{Dry Weight}}{\text{Wet Weight}} \times 100$$

$$\%\ \text{Moisture} = \frac{(\text{Wet Weight - Dry Weight})}{\text{Wet Weight}} \times 100$$

TETRA TECH

March 24, 2022

Mr. Ryan Dunham
Site Assessment Manager
U.S. Environmental Protection Agency, Region
8 Superfund and Emergency Management
Division 1595 Wynkoop Street
Denver, CO 80202

Subject: **Data Validation Report**
Bauer Tailings Site Reassessment
EPA Contract No.: 68HE0820D0001
Task Order/Technical Direction No.: 2083-2112-03
Document Tracking No. 0600d

Dear Mr. Dunham:
Tetra Tech, Inc. (Tetra Tech) is submitting this data validation report for ten soil samples (including a field duplicate sample) collected for the Bauer Tailings Site Reassessment project. The samples were collected on February 22, 2022 and were analyzed for metals by ALS-Ft. Collins. The final laboratory data package was received on March 16, 2022.

Analytical data were evaluated in general accordance with the Tetra Tech *Programmatic Quality Assurance Project Plan for Emergency Response and Site Assessment Task Orders* and the EPA *NFG for Inorganic Superfund Methods Data Review* (November 2020).

No rejection of results was required for this data package. The results may be used as qualified based on the findings of this validation effort.

If you have any questions regarding this data validation report, please call me at (609)-827-7168

Sincerely,

Maura McAleese

Environmental Chemist

Enclosure
cc: Didi Fung, Tetra Tech Program Manager
Kathleen Knox, Tetra Tech Project Manager
Clayton Longest, Tetra Tech Project Document Control Coordinator
TO/TD File

Tetra Tech, Inc.
1560 Broadway, Suite 1400, Denver, CO 80202
Tel 303.312.8800
www.tetratech.com

ATTACHMENT

DATA VALIDATION REPORT
ALS LABROATORIES REPORT NO. 2203068

DATA VALIDATION CHECKLIST – STAGE 2A
EPA REGION 8 START CONTRACT

Site Name	Bauer Tailings Site Reassessment	**TO/TD No.**	2083-2112-03
Document Tracking No.	0600d		
Data Reviewer (signature and date)	3/17/2022	**Technical Reviewer (signature and date)**	03/22/2022
Laboratory Report No.	2203068	**Laboratory**	ALS Fort Collins
Analyses	Metals by SW-846 Methods 6020B and 7471B		
Samples and Matrix	Ten soil samples including one field duplicate.		
Collection Date(s)	February 22, 2022		
Field Duplicate Pairs	BT-GS-J15/BT-GS-J15-DUP		
Field QC Blanks	None		

INTRODUCTION

This checklist summarizes the Stage 2A validation performed on the subject laboratory report, in accordance with the U.S. Environmental Protection Agency (EPA) *Guidance for Labeling Externally Validated Laboratory Analytical Data for Superfund Use* (January 2009). Analytical data were evaluated in general accordance with the Tetra Tech *Programmatic Quality Assurance Project Plan for Emergency Response and Site Assessment Task Orders, Superfund Technical Assessment and Response Team (START V), EPA Region 8, Revision 4* (May 2021), and the EPA *National Functional Guidelines* (*NFGs) for Inorganic Superfund Methods Data Review* (November 2020).

OVERALL EVALUATION

No rejection of results was required for this data set. The results may be used as qualified based on the findings of this validation effort.

Data completeness:

Within Criteria	Exceedance/Notes
Y	

Sample preservation, receipt, and holding times:

Within Criteria	Exceedance/Notes
Y	The samples were received at 6.9°C. Mercury results were qualified as estimated (flagged J).

Method blanks:

Within Criteria	Exceedance/Notes
N	IP-220310-1MB: The blank result for thallium was negative with an absolute value greater than the MDL but less than the RL (-0.007 mg/kg). All thallium results were greater than ten times the absolute blank value; therefore, no qualifications were applied.

Field blanks:

Within Criteria	Exceedance/Notes
NA	

Surrogates and labeled compounds:

Within Criteria	Exceedance/Notes
NA	

MS/MSDs:

Within Criteria	Exceedance/Notes
Y	Due to insufficient volume, an MSD was not analyzed for mercury. An MS was analyzed and assessed for matrix accuracy. An MS/MSD pair was not analyzed for the ICP-MS analysis. A reason for this was not provided in the case narrative.

Laboratory duplicates:

Within Criteria	Exceedance/Notes
NA	LCS/LCSDs were analyzed and assessed for precision.

Field duplicates:

Within Criteria	Exceedance/Notes
Y	

LCSs/LCSDs:

Within Criteria	Exceedance/Notes
Y	

Sample dilutions:

Within Criteria	Exceedance/Notes
Y	All samples were diluted 10-fold for all ICP-MS metals except lead. All samples were diluted 100-fold for lead. Mercury was analyzed undiluted.

Re-extraction and reanalysis:

Within Criteria	Exceedance/Notes
NA	

MDLs/RLs:

Within Criteria	Exceedance/Notes
Y	All analytes were detected at concentrations above the MDL by the laboratory. Analytes detected between the MDL and RL were qualified as estimated (J) by the laboratory. RLs and MDLs are provided in the attached analytical data table.

Tentatively identified compounds:

Within Criteria	Exceedance/Notes
NA	

Other [none]:

Within Criteria	
NA	

Overall Qualifications:

See results summary pages attached for changes to the laboratory qualifiers based upon this validation. The following is a list of qualifiers and definitions that may be used for the validation of this data package:

J	The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample.
J+	The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample and may be biased high.
J-	The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample and may be biased low.
NJ	The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated value is the approximate concentration of the analyte in the sample.
R	The sample result is rejected as unusable due to serious deficiencies in one or more quality control criteria. The analyte may or may not be present in the sample.
U	The analyte was analyzed for, but was not detected at or above the associated value (reporting limit).
UJ	The analyte was analyzed for, but was not detected at or above the associated value (reporting limit), which is considered approximate due to deficiencies in one or more quality control criteria.

BAUER TAILINGS SITE REASSESSMENT SOIL ANALYTICAL RESULTS SUMMARY
ALS FORT COLLINS REPORT NO. 2203068

Sample ID	Method	Analyte	Lab Result	Lab QUAL	MDL	RL	Units	VAL_RESULT	VAL_QUAL
BT-GS-I16	SW6020	ALUMINUM	7900		7.4	17	MG/KG	7900	
BT-GS-I16	SW6020	ANTIMONY	2.6		0.021	0.11	MG/KG	2.6	
BT-GS-I16	SW6020	ARSENIC	470		0.056	0.23	MG/KG	470	
BT-GS-I16	SW6020	BARIUM	130		0.26	0.57	MG/KG	130	
BT-GS-I16	SW6020	BERYLLIUM	0.6		0.0057	0.057	MG/KG	0.6	
BT-GS-I16	SW6020	CADMIUM	9.2		0.025	0.23	MG/KG	9.2	
BT-GS-I16	SW6020	CALCIUM	15000		19	110	MG/KG	15000	
BT-GS-I16	SW6020	CHROMIUM	13		0.63	1.1	MG/KG	13	
BT-GS-I16	SW6020	COBALT	5.6		0.037	0.57	MG/KG	5.6	
BT-GS-I16	SW6020	COPPER	64		0.33	2.3	MG/KG	64	
BT-GS-I16	SW6020	IRON	20000		13	23	MG/KG	20000	
BT-GS-I16	SW6020	LEAD	990		0.75	2.3	MG/KG	990	
BT-GS-I16	SW6020	MAGNESIUM	6800		3.8	11	MG/KG	6800	
BT-GS-I16	SW6020	MANGANESE	1400		0.43	0.86	MG/KG	1400	
BT-GS-I16	SW6020	NICKEL	14		0.5	2.3	MG/KG	14	
BT-GS-I16	SW6020	POTASSIUM	3800		17	110	MG/KG	3800	
BT-GS-I16	SW6020	SELENIUM	1.7		0.23	1.1	MG/KG	1.7	
BT-GS-I16	SW6020	SILVER	5.4		0.0095	0.057	MG/KG	5.4	
BT-GS-I16	SW6020	SODIUM	160		17	110	MG/KG	160	
BT-GS-I16	SW6020	THALLIUM	1.8		0.0029	0.011	MG/KG	1.8	
BT-GS-I16	SW6020	VANADIUM	13		0.15	0.57	MG/KG	13	
BT-GS-I16	SW6020	ZINC	1200		4.7	11	MG/KG	1200	
BT-GS-I16	SW7471	MERCURY	0.095		0.0047	0.037	MG/KG	0.095	J
BT-GS-I18	SW6020	ALUMINUM	6800		6.6	15	MG/KG	6800	
BT-GS-I18	SW6020	ANTIMONY	2.3		0.018	0.1	MG/KG	2.3	
BT-GS-I18	SW6020	ARSENIC	380		0.05	0.2	MG/KG	380	
BT-GS-I18	SW6020	BARIUM	110		0.23	0.51	MG/KG	110	
BT-GS-I18	SW6020	BERYLLIUM	0.49		0.0051	0.051	MG/KG	0.49	
BT-GS-I18	SW6020	CADMIUM	6.8		0.022	0.2	MG/KG	6.8	
BT-GS-I18	SW6020	CALCIUM	15000		17	100	MG/KG	15000	
BT-GS-I18	SW6020	CHROMIUM	11		0.56	1	MG/KG	11	
BT-GS-I18	SW6020	COBALT	4.7		0.032	0.51	MG/KG	4.7	
BT-GS-I18	SW6020	COPPER	49		0.29	2	MG/KG	49	
BT-GS-I18	SW6020	IRON	16000		11	20	MG/KG	16000	
BT-GS-I18	SW6020	LEAD	780		0.67	2	MG/KG	780	
BT-GS-I18	SW6020	MAGNESIUM	6000		3.3	10	MG/KG	6000	
BT-GS-I18	SW6020	MANGANESE	1100		0.38	0.76	MG/KG	1100	
BT-GS-I18	SW6020	NICKEL	11		0.45	2	MG/KG	11	
BT-GS-I18	SW6020	POTASSIUM	3100		15	100	MG/KG	3100	
BT-GS-I18	SW6020	SELENIUM	1.1		0.2	1	MG/KG	1.1	
BT-GS-I18	SW6020	SILVER	3.9		0.0084	0.051	MG/KG	3.9	
BT-GS-I18	SW6020	SODIUM	110		15	100	MG/KG	110	
BT-GS-I18	SW6020	THALLIUM	2		0.0025	0.01	MG/KG	2	
BT-GS-I18	SW6020	VANADIUM	11		0.13	0.51	MG/KG	11	
BT-GS-I18	SW6020	ZINC	870		4.2	10	MG/KG	870	
BT-GS-I18	SW7471	MERCURY	0.067		0.0041	0.033	MG/KG	0.067	J

BAUER TAILINGS SITE REASSESSMENT SOIL ANALYTICAL RESULTS SUMMARY
ALS FORT COLLINS REPORT NO. 2203068

Sample ID	Method	Analyte	Lab Result	Lab QUAL	MDL	RL	Units	VAL_RESULT	VAL_QUAL
BT-GS-I20	SW6020	ALUMINUM	3400		7.3	17	MG/KG	3400	
BT-GS-I20	SW6020	ANTIMONY	3.2		0.02	0.11	MG/KG	3.2	
BT-GS-I20	SW6020	ARSENIC	620		0.055	0.22	MG/KG	620	
BT-GS-I20	SW6020	BARIUM	59		0.26	0.56	MG/KG	59	
BT-GS-I20	SW6020	BERYLLIUM	0.28		0.0056	0.056	MG/KG	0.28	
BT-GS-I20	SW6020	CADMIUM	10		0.025	0.22	MG/KG	10	
BT-GS-I20	SW6020	CALCIUM	20000		19	110	MG/KG	20000	
BT-GS-I20	SW6020	CHROMIUM	6.5		0.62	1.1	MG/KG	6.5	
BT-GS-I20	SW6020	COBALT	2.9		0.036	0.56	MG/KG	2.9	
BT-GS-I20	SW6020	COPPER	63		0.33	2.2	MG/KG	63	
BT-GS-I20	SW6020	IRON	16000		12	22	MG/KG	16000	
BT-GS-I20	SW6020	LEAD	1100		0.74	2.2	MG/KG	1100	
BT-GS-I20	SW6020	MAGNESIUM	5100		3.7	11	MG/KG	5100	
BT-GS-I20	SW6020	MANGANESE	1200		0.43	0.84	MG/KG	1200	
BT-GS-I20	SW6020	NICKEL	6.9		0.49	2.2	MG/KG	6.9	
BT-GS-I20	SW6020	POTASSIUM	1300		17	110	MG/KG	1300	
BT-GS-I20	SW6020	SELENIUM	1.1	J	0.22	1.1	MG/KG	1.1	J
BT-GS-I20	SW6020	SILVER	5.6		0.0093	0.056	MG/KG	5.6	
BT-GS-I20	SW6020	SODIUM	61	J	17	110	MG/KG	61	J
BT-GS-I20	SW6020	THALLIUM	2.7		0.0028	0.011	MG/KG	2.7	
BT-GS-I20	SW6020	VANADIUM	7.3		0.15	0.56	MG/KG	7.3	
BT-GS-I20	SW6020	ZINC	1300		4.6	11	MG/KG	1300	
BT-GS-I20	SW7471	MERCURY	0.092		0.0045	0.036	MG/KG	0.092	J
BT-GS-I21	SW6020	ALUMINUM	3400		6.5	15	MG/KG	3400	
BT-GS-I21	SW6020	ANTIMONY	2.4		0.018	0.1	MG/KG	2.4	
BT-GS-I21	SW6020	ARSENIC	470		0.049	0.2	MG/KG	470	
BT-GS-I21	SW6020	BARIUM	63		0.23	0.5	MG/KG	63	
BT-GS-I21	SW6020	BERYLLIUM	0.26		0.005	0.05	MG/KG	0.26	
BT-GS-I21	SW6020	CADMIUM	8.6		0.022	0.2	MG/KG	8.6	
BT-GS-I21	SW6020	CALCIUM	11000		17	100	MG/KG	11000	
BT-GS-I21	SW6020	CHROMIUM	6.5		0.55	1	MG/KG	6.5	
BT-GS-I21	SW6020	COBALT	2.8		0.032	0.5	MG/KG	2.8	
BT-GS-I21	SW6020	COPPER	60		0.29	2	MG/KG	60	
BT-GS-I21	SW6020	IRON	15000		11	20	MG/KG	15000	
BT-GS-I21	SW6020	LEAD	890		0.66	2	MG/KG	890	
BT-GS-I21	SW6020	MAGNESIUM	3700		3.3	10	MG/KG	3700	
BT-GS-I21	SW6020	MANGANESE	1100		0.38	0.75	MG/KG	1100	
BT-GS-I21	SW6020	NICKEL	6.7		0.44	2	MG/KG	6.7	
BT-GS-I21	SW6020	POTASSIUM	1400		15	100	MG/KG	1400	
BT-GS-I21	SW6020	SELENIUM	0.89	J	0.2	1	MG/KG	0.89	J
BT-GS-I21	SW6020	SILVER	4.7		0.0083	0.05	MG/KG	4.7	
BT-GS-I21	SW6020	SODIUM	53	J	15	100	MG/KG	53	J
BT-GS-I21	SW6020	THALLIUM	2.1		0.0025	0.01	MG/KG	2.1	
BT-GS-I21	SW6020	VANADIUM	6.9		0.13	0.5	MG/KG	6.9	
BT-GS-I21	SW6020	ZINC	1000		4.1	10	MG/KG	1000	
BT-GS-I21	SW7471	MERCURY	0.063		0.0038	0.03	MG/KG	0.063	J

BAUER TAILINGS SITE REASSESSMENT SOIL ANALYTICAL RESULTS SUMMARY
ALS FORT COLLINS REPORT NO. 2203068

Sample ID	Method	Analyte	Lab Result	Lab QUAL	MDL	RL	Units	VAL_RESULT	VAL_QUAL
BT-GS-J10	SW6020	ALUMINUM	5200		7.2	17	MG/KG	5200	
BT-GS-J10	SW6020	ANTIMONY	4.1		0.02	0.11	MG/KG	4.1	
BT-GS-J10	SW6020	ARSENIC	790		0.054	0.22	MG/KG	790	
BT-GS-J10	SW6020	BARIUM	84		0.25	0.55	MG/KG	84	
BT-GS-J10	SW6020	BERYLLIUM	0.41		0.0055	0.055	MG/KG	0.41	
BT-GS-J10	SW6020	CADMIUM	10		0.024	0.22	MG/KG	10	
BT-GS-J10	SW6020	CALCIUM	20000		19	110	MG/KG	20000	
BT-GS-J10	SW6020	CHROMIUM	9.1		0.61	1.1	MG/KG	9.1	
BT-GS-J10	SW6020	COBALT	4.1		0.035	0.55	MG/KG	4.1	
BT-GS-J10	SW6020	COPPER	92		0.32	2.2	MG/KG	92	
BT-GS-J10	SW6020	IRON	22000		12	22	MG/KG	22000	
BT-GS-J10	SW6020	LEAD	1300		0.73	2.2	MG/KG	1300	
BT-GS-J10	SW6020	MAGNESIUM	4800		3.7	11	MG/KG	4800	
BT-GS-J10	SW6020	MANGANESE	1000		0.42	0.83	MG/KG	1000	
BT-GS-J10	SW6020	NICKEL	11		0.49	2.2	MG/KG	11	
BT-GS-J10	SW6020	POTASSIUM	2300		17	110	MG/KG	2300	
BT-GS-J10	SW6020	SELENIUM	1.3		0.22	1.1	MG/KG	1.3	
BT-GS-J10	SW6020	SILVER	6.2		0.0092	0.055	MG/KG	6.2	
BT-GS-J10	SW6020	SODIUM	110	J	17	110	MG/KG	110	J
BT-GS-J10	SW6020	THALLIUM	2		0.0028	0.011	MG/KG	2	
BT-GS-J10	SW6020	VANADIUM	9.6		0.14	0.55	MG/KG	9.6	
BT-GS-J10	SW6020	ZINC	1400		4.5	11	MG/KG	1400	
BT-GS-J10	SW7471	MERCURY	0.083		0.0041	0.033	MG/KG	0.083	J
BT-GS-J11	SW6020	ALUMINUM	4900		7.5	17	MG/KG	4900	
BT-GS-J11	SW6020	ANTIMONY	4.3		0.021	0.11	MG/KG	4.3	
BT-GS-J11	SW6020	ARSENIC	870		0.056	0.23	MG/KG	870	
BT-GS-J11	SW6020	BARIUM	76		0.26	0.57	MG/KG	76	
BT-GS-J11	SW6020	BERYLLIUM	0.4		0.0057	0.057	MG/KG	0.4	
BT-GS-J11	SW6020	CADMIUM	11		0.025	0.23	MG/KG	11	
BT-GS-J11	SW6020	CALCIUM	18000		20	110	MG/KG	18000	
BT-GS-J11	SW6020	CHROMIUM	9.1		0.63	1.1	MG/KG	9.1	
BT-GS-J11	SW6020	COBALT	4		0.037	0.57	MG/KG	4	
BT-GS-J11	SW6020	COPPER	87		0.33	2.3	MG/KG	87	
BT-GS-J11	SW6020	IRON	26000		13	23	MG/KG	26000	
BT-GS-J11	SW6020	LEAD	1600		0.76	2.3	MG/KG	1600	
BT-GS-J11	SW6020	MAGNESIUM	4800		3.8	11	MG/KG	4800	
BT-GS-J11	SW6020	MANGANESE	1200		0.44	0.86	MG/KG	1200	
BT-GS-J11	SW6020	NICKEL	10		0.5	2.3	MG/KG	10	
BT-GS-J11	SW6020	POTASSIUM	2300		17	110	MG/KG	2300	
BT-GS-J11	SW6020	SELENIUM	1.4		0.23	1.1	MG/KG	1.4	
BT-GS-J11	SW6020	SILVER	7.5		0.0095	0.057	MG/KG	7.5	
BT-GS-J11	SW6020	SODIUM	97	J	17	110	MG/KG	97	J
BT-GS-J11	SW6020	THALLIUM	2.8		0.0029	0.011	MG/KG	2.8	
BT-GS-J11	SW6020	VANADIUM	9.5		0.15	0.57	MG/KG	9.5	
BT-GS-J11	SW6020	ZINC	1500		4.7	11	MG/KG	1500	
BT-GS-J11	SW7471	MERCURY	0.14		0.0046	0.036	MG/KG	0.14	J

BAUER TAILINGS SITE REASSESSMENT SOIL ANALYTICAL RESULTS SUMMARY
ALS FORT COLLINS REPORT NO. 2203068

Sample ID	Method	Analyte	Lab Result	Lab QUAL	MDL	RL	Units	VAL_RESULT	VAL_QUAL
BT-GS-J15	SW6020	ALUMINUM	4600		7.6	18	MG/KG	4600	
BT-GS-J15	SW6020	ANTIMONY	2.7		0.021	0.12	MG/KG	2.7	
BT-GS-J15	SW6020	ARSENIC	660		0.057	0.23	MG/KG	660	
BT-GS-J15	SW6020	BARIUM	97		0.27	0.58	MG/KG	97	
BT-GS-J15	SW6020	BERYLLIUM	0.36		0.0058	0.058	MG/KG	0.36	
BT-GS-J15	SW6020	CADMIUM	11		0.026	0.23	MG/KG	11	
BT-GS-J15	SW6020	CALCIUM	8000		20	120	MG/KG	8000	
BT-GS-J15	SW6020	CHROMIUM	8		0.64	1.2	MG/KG	8	
BT-GS-J15	SW6020	COBALT	3.3		0.037	0.58	MG/KG	3.3	
BT-GS-J15	SW6020	COPPER	61		0.34	2.3	MG/KG	61	
BT-GS-J15	SW6020	IRON	18000		13	23	MG/KG	18000	
BT-GS-J15	SW6020	LEAD	1200		0.77	2.3	MG/KG	1200	
BT-GS-J15	SW6020	MAGNESIUM	3800		3.9	12	MG/KG	3800	
BT-GS-J15	SW6020	MANGANESE	1400		0.44	0.88	MG/KG	1400	
BT-GS-J15	SW6020	NICKEL	8.5		0.51	2.3	MG/KG	8.5	
BT-GS-J15	SW6020	POTASSIUM	2400		18	120	MG/KG	2400	
BT-GS-J15	SW6020	SELENIUM	1.5		0.23	1.2	MG/KG	1.5	
BT-GS-J15	SW6020	SILVER	5.7		0.0097	0.058	MG/KG	5.7	
BT-GS-J15	SW6020	SODIUM	510		18	120	MG/KG	510	
BT-GS-J15	SW6020	THALLIUM	1.9		0.0029	0.012	MG/KG	1.9	
BT-GS-J15	SW6020	VANADIUM	8.8		0.15	0.58	MG/KG	8.8	
BT-GS-J15	SW6020	ZINC	1400		4.8	12	MG/KG	1400	
BT-GS-J15	SW7471	MERCURY	0.098		0.0048	0.038	MG/KG	0.098	J
BT-GS-J15-DUP	SW6020	ALUMINUM	4800		7.6	17	MG/KG	4800	
BT-GS-J15-DUP	SW6020	ANTIMONY	2.4		0.021	0.12	MG/KG	2.4	
BT-GS-J15-DUP	SW6020	ARSENIC	600		0.057	0.23	MG/KG	600	
BT-GS-J15-DUP	SW6020	BARIUM	110		0.27	0.58	MG/KG	110	
BT-GS-J15-DUP	SW6020	BERYLLIUM	0.4		0.0058	0.058	MG/KG	0.4	
BT-GS-J15-DUP	SW6020	CADMIUM	9.7		0.026	0.23	MG/KG	9.7	
BT-GS-J15-DUP	SW6020	CALCIUM	8800		20	120	MG/KG	8800	
BT-GS-J15-DUP	SW6020	CHROMIUM	8.7		0.64	1.2	MG/KG	8.7	
BT-GS-J15-DUP	SW6020	COBALT	3.5		0.037	0.58	MG/KG	3.5	
BT-GS-J15-DUP	SW6020	COPPER	60		0.34	2.3	MG/KG	60	
BT-GS-J15-DUP	SW6020	IRON	18000		13	23	MG/KG	18000	
BT-GS-J15-DUP	SW6020	LEAD	1100		0.77	2.3	MG/KG	1100	
BT-GS-J15-DUP	SW6020	MAGNESIUM	4100		3.8	12	MG/KG	4100	
BT-GS-J15-DUP	SW6020	MANGANESE	1300		0.44	0.87	MG/KG	1300	
BT-GS-J15-DUP	SW6020	NICKEL	9.3		0.51	2.3	MG/KG	9.3	
BT-GS-J15-DUP	SW6020	POTASSIUM	2700		17	120	MG/KG	2700	
BT-GS-J15-DUP	SW6020	SELENIUM	1.5		0.23	1.2	MG/KG	1.5	
BT-GS-J15-DUP	SW6020	SILVER	5.3		0.0096	0.058	MG/KG	5.3	
BT-GS-J15-DUP	SW6020	SODIUM	470		17	120	MG/KG	470	
BT-GS-J15-DUP	SW6020	THALLIUM	2.1		0.0029	0.012	MG/KG	2.1	
BT-GS-J15-DUP	SW6020	VANADIUM	9.1		0.15	0.58	MG/KG	9.1	
BT-GS-J15-DUP	SW6020	ZINC	1300		4.8	12	MG/KG	1300	
BT-GS-J15-DUP	SW7471	MERCURY	0.097		0.0048	0.038	MG/KG	0.097	J

BAUER TAILINGS SITE REASSESSMENT SOIL ANALYTICAL RESULTS SUMMARY
ALS FORT COLLINS REPORT NO. 2203068

Sample ID	Method	Analyte	Lab Result	Lab QUAL	MDL	RL	Units	VAL_RESULT	VAL_QUAL
BT-GS-K12	SW6020	ALUMINUM	4900		6.5	15	MG/KG	4900	
BT-GS-K12	SW6020	ANTIMONY	1.3		0.018	0.1	MG/KG	1.3	
BT-GS-K12	SW6020	ARSENIC	320		0.049	0.2	MG/KG	320	
BT-GS-K12	SW6020	BARIUM	150		0.23	0.5	MG/KG	150	
BT-GS-K12	SW6020	BERYLLIUM	0.4		0.005	0.05	MG/KG	0.4	
BT-GS-K12	SW6020	CADMIUM	4.5		0.022	0.2	MG/KG	4.5	
BT-GS-K12	SW6020	CALCIUM	34000		17	100	MG/KG	34000	
BT-GS-K12	SW6020	CHROMIUM	8.1		0.55	1	MG/KG	8.1	
BT-GS-K12	SW6020	COBALT	3.4		0.032	0.5	MG/KG	3.4	
BT-GS-K12	SW6020	COPPER	39		0.29	2	MG/KG	39	
BT-GS-K12	SW6020	IRON	12000		11	20	MG/KG	12000	
BT-GS-K12	SW6020	LEAD	630		0.66	2	MG/KG	630	
BT-GS-K12	SW6020	MAGNESIUM	4500		3.3	10	MG/KG	4500	
BT-GS-K12	SW6020	MANGANESE	630		0.38	0.75	MG/KG	630	
BT-GS-K12	SW6020	NICKEL	9.5		0.44	2	MG/KG	9.5	
BT-GS-K12	SW6020	POTASSIUM	2000		15	100	MG/KG	2000	
BT-GS-K12	SW6020	SELENIUM	1.2		0.2	1	MG/KG	1.2	
BT-GS-K12	SW6020	SILVER	2.7		0.0083	0.05	MG/KG	2.7	
BT-GS-K12	SW6020	SODIUM	480		15	100	MG/KG	480	
BT-GS-K12	SW6020	THALLIUM	0.54		0.0025	0.01	MG/KG	0.54	
BT-GS-K12	SW6020	VANADIUM	8.9		0.13	0.5	MG/KG	8.9	
BT-GS-K12	SW6020	ZINC	670		4.1	10	MG/KG	670	
BT-GS-K12	SW7471	MERCURY	0.053		0.0038	0.03	MG/KG	0.053	J
BT-GS-K14	SW6020	ALUMINUM	5200		7.7	18	MG/KG	5200	
BT-GS-K14	SW6020	ANTIMONY	2.2		0.021	0.12	MG/KG	2.2	
BT-GS-K14	SW6020	ARSENIC	400		0.058	0.24	MG/KG	400	
BT-GS-K14	SW6020	BARIUM	100		0.27	0.59	MG/KG	100	
BT-GS-K14	SW6020	BERYLLIUM	0.4		0.0059	0.059	MG/KG	0.4	
BT-GS-K14	SW6020	CADMIUM	6.1		0.026	0.24	MG/KG	6.1	
BT-GS-K14	SW6020	CALCIUM	33000		20	120	MG/KG	33000	
BT-GS-K14	SW6020	CHROMIUM	8.3		0.65	1.2	MG/KG	8.3	
BT-GS-K14	SW6020	COBALT	3.5		0.038	0.59	MG/KG	3.5	
BT-GS-K14	SW6020	COPPER	44		0.34	2.4	MG/KG	44	
BT-GS-K14	SW6020	IRON	15000		13	24	MG/KG	15000	
BT-GS-K14	SW6020	LEAD	760		0.78	2.4	MG/KG	760	
BT-GS-K14	SW6020	MAGNESIUM	4400		3.9	12	MG/KG	4400	
BT-GS-K14	SW6020	MANGANESE	770		0.45	0.89	MG/KG	770	
BT-GS-K14	SW6020	NICKEL	9.6		0.52	2.4	MG/KG	9.6	
BT-GS-K14	SW6020	POTASSIUM	2300		18	120	MG/KG	2300	
BT-GS-K14	SW6020	SELENIUM	1.1	J	0.24	1.2	MG/KG	1.1	J
BT-GS-K14	SW6020	SILVER	3.3		0.0098	0.059	MG/KG	3.3	
BT-GS-K14	SW6020	SODIUM	270		18	120	MG/KG	270	
BT-GS-K14	SW6020	THALLIUM	1.2		0.003	0.012	MG/KG	1.2	
BT-GS-K14	SW6020	VANADIUM	9.7		0.15	0.59	MG/KG	9.7	
BT-GS-K14	SW6020	ZINC	830		4.8	12	MG/KG	830	
BT-GS-K14	SW7471	MERCURY	0.059		0.0047	0.037	MG/KG	0.059	J

Tuesday, March 15, 2022

Madison Ericson
Tetra Tech
1560 Broadway
Denver, CO 80202

Re: ALS Workorder: 2202436
Project Name: Bauer Tailings Site Assessment
Project Number: 103X903520F0083211203

Dear Ms. Ericson:

Thirty three soil samples were received from Tetra Tech, on 2/24/2022. The samples were scheduled for the following analysis:

GC/MS Semivolatiles	pages 1-420

The results for these analyses are contained in the enclosed reports.

The data contained in the following report have been reviewed and approved by the personnel listed below. In addition, ALS certifies that the analyses reported herein are true, complete and correct within the limits of the methods employed. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Environmental.

Thank you for your confidence in ALS Environmental. Should you have any questions, please call.

Sincerely,

ALS Environmental
Katie M. OBrien
Project Manager

Accreditations: ALS Environmental – Fort Collins is accredited by the following accreditation bodies for various testing scopes in accordance with requirements of each accreditation body. All testing is performed under the laboratory management system, which is maintained to meet these requirement and regulations. Please contact the laboratory or accreditation body for the current scope testing parameters.

ALS Environmental – Fort Collins	
Accreditation Body	License or Certification Number
Arizona	AZ0828
California (CA)	2926
Colorado (CO)	CO01099
Florida (FL)	E87914
Idaho (ID)	CO01099
Kansas (KS)	E-10381
Kentucky (KY)	90137
Oklahoma	1301
PJLA (DoD ELAP/ISO 170250)	95377
PJLA (DOE-AP/ISO 17025)	95377
Maryland (MD)	285
Missouri (MO)	175
Nebraska(NE)	NE-OS-24-13
Nevada (NV)	CO010992018-1
New York (NY)	12036
North Dakota (ND)	R-057
Oklahoma (OK)	1301
Pennsylvania (PA)	68-03116
Tennessee (TN)	TN02976
Texas (TX)	T104704241
Utah (UT)	CO01099
Washington (WA)	C1280
Virginia	460305

40 CFR Part 136: All analyses for Clean Water Act samples are analyzed using the 40 CFR Part 136 specified method and include all the QC requirements.

ALS -- Fort Collins

Sample Number(s) Cross-Reference Table

OrderNum: 2202436
Client Name: Tetra Tech
Client Project Name: Bauer Tailings Site Assessment
Client Project Number: 103X903520F0083211203
Client PO Number:

Client Sample Number	Lab Sample Number	COC Number	Matrix	Date Collected	Time Collected
BT-P2-AOI-02-01	2202436-1		SOIL	22-Feb-22	9:11
BT-P2-AOI-03-01	2202436-2		SOIL	22-Feb-22	9:02
BT-P2-AOI-03-02	2202436-3		SOIL	22-Feb-22	9:09
BT-P2-AOI-03-03	2202436-4		SOIL	22-Feb-22	9:16
BT-P2-AOI-03-04	2202436-5		SOIL	22-Feb-22	9:22
BT-P2-AOI-03-05	2202436-6		SOIL	22-Feb-22	9:32
BT-P2-AOI-03-06	2202436-7		SOIL	22-Feb-22	9:50
BT-P2-AOI-03-07	2202436-8		SOIL	22-Feb-22	9:37
BT-P2-AOI-09-08	2202436-9		SOIL	22-Feb-22	10:42
BT-P2-AOI-09-07	2202436-10		SOIL	22-Feb-22	11:39
BT-P2-AOI-09-09	2202436-11		SOIL	22-Feb-22	11:28
BT-P2-AOI-09-02	2202436-12		SOIL	22-Feb-22	11:48
BT-P2-AOI-09-01	2202436-13		SOIL	22-Feb-22	11:56
BT-PS-AOI-09-10	2202436-14		SOIL	22-Feb-22	10:58
BT-P2-AOI-09-04	2202436-15		SOIL	22-Feb-22	11:22
BT-P2-AOI-09-03	2202436-16		SOIL	22-Feb-22	11:13
BT-P2-AOI-09-06	2202436-17		SOIL	22-Feb-22	10:49
BT-P2-AOI-09-05	2202436-18		SOIL	22-Feb-22	11:05
BT-P2-AOI-08-02	2202436-19		SOIL	22-Feb-22	10:56
BT-P2-AOI-08-01	2202436-20		SOIL	22-Feb-22	10:50
BT-P2-AOI-07-02	2202436-21		SOIL	22-Feb-22	10:28
BT-P2-AOI-05-01	2202436-22		SOIL	22-Feb-22	10:16
BT-P2-AOI-04-01	2202436-23		SOIL	22-Feb-22	8:50
BT-P2-AOI-06-01	2202436-24		SOIL	22-Feb-22	9:55
BT-P2-AOI-06-03	2202436-25		SOIL	22-Feb-22	10:05
BT-P2-AOI-06-04	2202436-26		SOIL	22-Feb-22	9:42
BT-P2-AOI-06-05	2202436-27		SOIL	22-Feb-22	9:35
BT-P2-AOI-06-06	2202436-28		SOIL	22-Feb-22	9:27
BT-P2-AOI-07-01	2202436-29		SOIL	22-Feb-22	10:24
BT-P2-AOI-06-02	2202436-30		SOIL	22-Feb-22	9:49

ALS -- Fort Collins

Sample Number(s) Cross-Reference Table

OrderNum: 2202436
Client Name: Tetra Tech
Client Project Name: Bauer Tailings Site Assessment
Client Project Number: 103X903520F0083211203
Client PO Number:

Client Sample Number	Lab Sample Number	COC Number	Matrix	Date Collected	Time Collected
BT-P2-AOI-04-01-DUP	2202436-31		SOIL	22-Feb-22	8:53
BT-P2-AOI-03-04-DUP	2202436-32		SOIL	22-Feb-22	9:26
BT-P2-AOI-09-06-DUP	2202436-33		SOIL	22-Feb-22	10:52

ALS Environmental

225 Commerce Drive, Fort Collins, Colorado 80524
TF: (800) 443-1511 PH: (970) 490-1511 FX. (970) 490-1522

Chain-of-Custody

Turnaround time for samples received after 2 p.m. will be calculated beginning from the next business day.

Turnaround time for samples received Saturday will be calculated beginning from the next business day.

ALS WORKORDER # # 2202436

TURNAROUND TIME	10-Day	SAMPLER	M. Ericson, S. Price, S. Komma, J. Turner	PAGE	1 of 3
SITE ID				DISPOSAL	BY LAB or RETURN
EDD FORMAT	START R8			PARAMETER/METHOD REQUEST FOR ANALYSIS	
PURCHASE ORDER				A	SVOC SW-846 (8270E)
BILL TO COMPANY	Tetra Tech			B	
INVOICE ATTN TO	Madison Ericson			C	
ADDRESS	1560 Broadway, Suite 1400			D	
CITY / STATE / ZIP	Denver, CO 80202			E	
PHONE				F	
FAX				G	
E-MAIL	madison.ericson@tetratech.com			H	
				I	
				J	

PROJECT NAME	Bauer Tailings Site Assessment
PROJECT No.	103X9035[redacted]20F0083211203
E-MAIL	
COMPANY NAME	Tetra Tech
SEND REPORT TO	Madison Ericson
ADDRESS	1560 Broadway, Suite 1400
CITY / STATE / ZIP	Denver, CO 80202
PHONE	804-357-6775
FAX	
E-MAIL	madison.ericson@tetratech.com

LAB ID	FIELD ID	MATRIX	SAMPLE DATE	SAMPLE TIME	# OF BOTTLES	PRESERVATIVE	QC	A	B	C	D	E	F	G	H	I	J	SEE NOTES SECTION
1	BT-P2-AOI-02-01	SOIL	2/22/22	0919	3	NA	X	X										MS/MSD
2	BT-P2-AOI-03-01	SOIL	2/22/22	0902	1	NA		X										
3	BT-P2-AOI-03-02	SOIL	2/22/22	0909	1	NA		X										
4	BT-P2-AOI-03-03	SOIL	2/22/22	0916	1	NA		X										
5	BT-P2-AOI-03-04	SOIL	2/22/22	0922	1	NA		X										
6	BT-P2-AOI-03-05	SOIL	2/22/22	0932	1	NA		X										
7	BT-P2-AOI-03-06	SOIL	2/22/22	0950	1	NA		X										
8	BT-P2-AOI-03-07	SOIL	2/22/22	0937	1	NA		X										
9	BT-P2-AOI-09-08	SOIL	2/22/22	1042	1	NA		X										
10	BT-P2-AOI-09-07	SOIL	2/22/22	1139	3	NA	X	X										MS/MSD
11	BT-P2-AOI-09-09	SOIL	2/22/22	1128	1	NA		X										
12	BT-P2-AOI-09-02	SOIL	2/22/22	1148	1	NA		X										

*Time Zone (Circle): EST CST (MST) PST Matrix: O = oil S = soil NS = non-soil solid W = water L = liquid E = extract F = filter

NOTES	REPORT LEVEL / QC REQUIRED	
		Summary (Standard QC)
	X	LEVEL II (Standard QC)
		LEVEL III (Std QC + forms)
		LEVEL IV (Std QC + forms + raw data)

PRESERVATION KEY: 1-HCl 2-HNO3 3-H2SO4 4-NaOH 5-NaOH/ZnAcetate 6-NaHSO4 7-4°C 8-Other

Form 202r9

	SIGNATURE	PRINTED NAME	DATE	TIME
RELINQUISHED BY	Madison Ericson	Madison Ericson	2.23.22	0815
RECEIVED BY	[signature]	[illegible]	2/23/22	835
RELINQUISHED BY	[signature]	[illegible]	2/23/22	[illegible]
RECEIVED BY	Claire Thennes	Claire Thennes	2/24/22	1504
RELINQUISHED BY				
RECEIVED BY				

ALS Environmental

225 Commerce Drive, Fort Collins, Colorado 80524
TF: (800) 443-1511 PH: (970) 490-1511 FX: (970) 490-1522

Chain-of-Custody

Turnaround time for samples received after 2 p.m. will be calculated beginning from the next business day.

Turnaround time for samples received Saturday will be calculated beginning from the next business day.

ALS WORKORDER #	
#	2202436

TURNAROUND TIME	10-Day	SAMPLER	M. Ericson, S. Price, S. Komma, J. Turner	PAGE	2 of 3
SITE ID				DISPOSAL	BY LAB or RETURN

PROJECT NAME	Bauer Tailings Site Assessment	EDD FORMAT	START R8	PARAMETER/METHOD REQUEST FOR ANALYSIS	
PROJECT No.	103X9035[redacted] 20F0083211203	PURCHASE ORDER		A	SVOC SW-846 (8270E)
COMPANY NAME	Tetra Tech	BILL TO COMPANY	Tetra Tech	B	
SEND REPORT TO	Madison Ericson	INVOICE ATTN TO	Madison Ericson	C	
ADDRESS	1560 Broadway, Suite 1400	ADDRESS	1560 Broadway, Suite 1400	D	
CITY / STATE / ZIP	Denver, CO 80202	CITY / STATE / ZIP	Denver, CO 80202	E	
PHONE	804-357-6775	PHONE		F	
FAX		FAX		G	
E-MAIL	madison.ericson@tetratech.com	E-MAIL	madison.ericson@tetratech.com	H	
				I	
				J	

LAB ID	FIELD ID	MATRIX	SAMPLE DATE	SAMPLE TIME	# OF BOTTLES	PRESERVATIVE	QC	A	B	C	D	E	F	G	H	I	J	SEE NOTES SECTION
13	BT-P2-AOI-09-01	SOIL	2/22/22	1156	1	NA		X										
14	BT-PS-AOI-09-10	SOIL	2/22/22	1058	1	NA		X										
15	BT-P2-AOI-09-04	SOIL	2/22/22	1122	1	NA		X										
16	BT-P2-AOI-09-03	SOIL	2/22/22	1113	1	NA		X										
17	BT-P2-AOI-09-06	SOIL	2/22/22	1049	1	NA		X										
18	BT-P2-AOI-09-05	SOIL	2/22/22	1105	1	NA		X										
19	BT-P2-AOI-08-02	SOIL	2/22/22	1056	1	NA		X										
20	BT-P2-AOI-08-01	SOIL	2/22/22	1050	1	NA		X										
21	BT-P2-AOI-07-02	SOIL	2/22/22	1028	1	NA		X										
22	BT-P2-AOI-05-01	SOIL	2/22/22	1016	1	NA		X										
23	BT-P2-AOI-04-01	SOIL	2/22/22	0850	1	NA		X										
24	BT-P2-AOI-06-01	SOIL	2/22/22	0955	1	NA		X										

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NOTES	REPORT LEVEL / QC REQUIRED	
		Summary (Standard QC)
	X	LEVEL II (Standard QC)
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		LEVEL IV (Std QC + forms + raw data)

PRESERVATION KEY: 1-HCl 2-HNO3 3-H2SO4 4-NaOH 5-NaOH/ZnAcetate 6-NaHSO4 7-4°C 8-Other

Form 202r9

	SIGNATURE	PRINTED NAME	DATE	TIME
RELINQUISHED BY		Madison Ericson	2.23.22	0815
RECEIVED BY			2/23/22	855
RELINQUISHED BY			2/23/22	1100
RECEIVED BY		Claire Thomas	2/24/22	1504
RELINQUISHED BY				
RECEIVED BY				

ALS Environmental

225 Commerce Drive, Fort Collins, Colorado 80524
TF: (800) 443-1511 PH: (970) 490-1511 FX. (970) 490-1522

Chain-of-Custody

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ALS WORKORDER #	
#	2202436

TURNAROUND TIME	10-Day	SAMPLER	M. Ericson, S. Price, S. Komma, J. Turner	PAGE	3 of 3
SITE ID				DISPOSAL	BY LAB or RETURN
EDD FORMAT	START R8				
PURCHASE ORDER					

PROJECT NAME	Bauer Tailings Site Assessment	BILL TO COMPANY	Tetra Tech
PROJECT No.	103X9035[redacted] 20F00 83211203	INVOICE ATTN TO	Madison Ericson
COMPANY NAME	Tetra Tech	ADDRESS	1560 Broadway, Suite 1400
SEND REPORT TO	Madison Ericson	CITY / STATE / ZIP	Denver, CO 80202
ADDRESS	1560 Broadway	PHONE	
CITY / STATE / ZIP	Denver, CO 80202	FAX	
PHONE	804-357-6775	E-MAIL	madison.ericson@tetratech.com
FAX			
E-MAIL	madison.ericson@tetratech.com		

PARAMETER/METHOD REQUEST FOR ANALYSIS

A	SVOC SW-846 (8270E)
B	
C	
D	
E	
F	
G	
H	
I	
J	

LAB ID	FIELD ID	MATRIX	SAMPLE DATE	SAMPLE TIME	# OF BOTTLES	PRESERVATIVE	QC	A	B	C	D	E	F	G	H	I	J	SEE NOTES SECTION
25	BT-P2-AOI-06-03	SOIL	2/22/22	1005	1	NA		X										
26	BT-P2-AOI-06-04	SOIL	2/22/22	0942	1	NA		X										
27	BT-P2-AOI-06-05	SOIL	2/22/22	0935	1	NA		X										
28	BT-P2-AOI-06-06	SOIL	2/22/22	0927	1	NA		X										
29	BT-P2-AOI-07-01	SOIL	2/22/22	1024	1	NA		X										
30	BT-P2-AOI-06-02	SOIL	2/22/22	0949	1	NA		X										
31	BT-P2-AOI-04-01-DUP	SOIL	2/22/22	0853	1	NA		X										
32	BT-P2-AOI-03-04-DUP	SOIL	2/22/22	0926	1	NA		X										
33	BT-P2-AOI-09-06-DUP	SOIL	2/22/22	1052	1	NA		X										

*Time Zone (Circle): EST CST (MST) PST Matrix: O = oil S = soil NS = non-soil solid W = water L = liquid E = extract F = filter

NOTES

REPORT LEVEL / QC REQUIRED	
	Summary (Standard QC)
X	LEVEL II (Standard QC)
	LEVEL III (Std QC + forms)
	LEVEL IV (Std QC + forms + raw data)

PRESERVATION KEY: 1-HCl 2-HNO3 3-H2SO4 4-NaOH 5-NaOH/ZnAcetate 6-NaHSO4 7-4°C 8-Other

Form 202r9

	SIGNATURE	PRINTED NAME	DATE	TIME
RELINQUISHED BY	Madison Ericson	Madison Ericson	2.23.22	0815
RECEIVED BY	[signature]	[signature]	2/23/22	855
RELINQUISHED BY	[signature]	[signature]	2/23/22	1600
RECEIVED BY	[signature]	Claire Thennes	2/24/22	1504
RELINQUISHED BY				
RECEIVED BY				

ALS Environmental - Fort Colllins
CONDITION OF SAMPLE UPON RECEIPT FORM

Client: TETRA TECH Workorder No: 2202436

Project Manager: KMO Initials: CXT Date: 2/25/2022

		N/A	YES	NO
1.	Are airbills / shipping documents present and/or removable?		X	
	Tracking number: 5646 0616 1872/ 5646 0616 1883			
2.	Are custody seals on shipping containers intact?	X		
3.	Are custody seals on sample containers intact?	X		
4.	Is there a COC (chain-of-custody) present?		X	
5.	Is the COC in agreement with samples received? (IDs, dates, times, # of samples, # of containers, matrix, requested analyses, etc.)		X	
6.	Are short-hold samples present?			X
7.	Are all samples within holding times for the requested analyses?		X	
8.	Were all sample containers received intact? (not broken or leaking)		X	
9.	Is there sufficient sample for the requested analyses?		X	
10.	Are samples in proper containers for requested analyses? (form 250, *Sample Handling Guidelines*)		X	
11.	Are all aqueous samples preserved correctly, if required? (excluding volatiles)	X		
12.	Are all samples requiring no headspace (VOC, GRO, RSK/MEE, radon) free of bubbles > 6 mm (1/4 inch) diameter? (i.e. size of green pea)	X		
13.	Were the samples shipped on ice?		X	
14.	Were cooler temperatures measured at 0.1-6.0°C? IR gun used*: #5	RAD ONLY	X	

Cooler #:	1	2					
Temperature (°C):	0.0	1.3					
# of custody seals on cooler:	0	0					
External µR/hr reading:	10	10					
Background µR/hr reading:	11						

Were external µR/hr readings ≤ two times background and within DOT acceptance criteria? YES

* Please provide details here for NO responses to boxes above - for 2 thru 5 & 7 thru 12, notify PM & continue w/ login.

Were unpreserved bottles pH checked? NA All client bottle ID's vs ALS lab ID's double-checked by: CT

If applicable, was the client contacted? YES / NO / NA Contact: _____ Date/Time: _____

Project Manager Signature / Date: _____ 3/01/22

Form 201r29.xls
(10/15/2019)

*IR Gun #3, VWR SN 170647571
*IR Gun #5, VWR SN 192272629

2202436

ORIGIN ID:BTFA (801) 266-7700
SAMPLE RECEIVING
ALS
960 WEST LEVOY DRIVE

SALT LAKE CITY, UT 84123
UNITED STATES US

SHIP DATE: 23FEB22
ACTWGT: 40.85 LB
CAD: 0342875/CAFE3510

BILL THIRD PARTY

TO SAMPLE RECEIVING
ALS ENVIRONMENTAL FT. COLLINS
225 COMMERCE DR

FORT COLLINS CO 805242762
(970) 490-1511
REF: BILL TO FT COLLINS LAB

10-0
0.0

FedEx Express

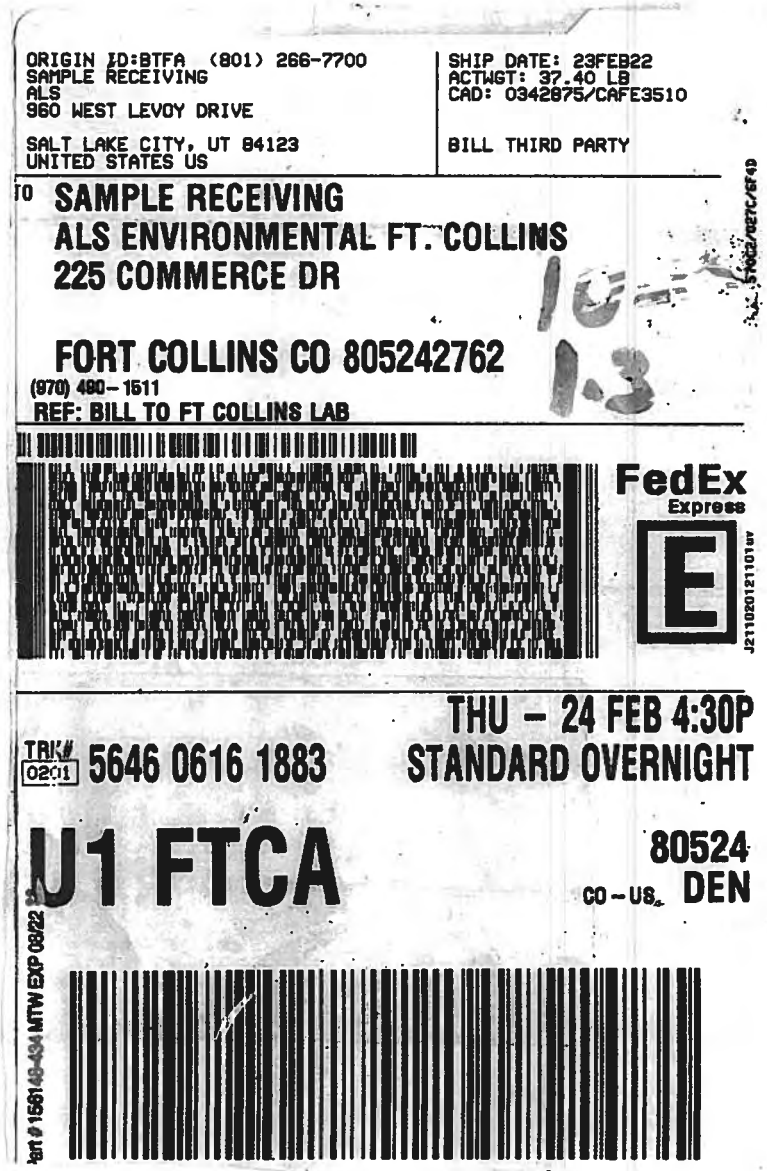
THU - 24 FEB 4:30P
STANDARD OVERNIGHT

TRK# 0201 5646 0616 1872

80524
CO-US DEN

U1 FTCA

Part # 158148-434 MTW EXP 08/22



ORIGIN ID:BTFA (801) 266-7700
SAMPLE RECEIVING
ALS
960 WEST LEVOY DRIVE

SALT LAKE CITY, UT 84123
UNITED STATES US

SHIP DATE: 23FEB22
ACTWGT: 37.40 LB
CAD: 0342875/CAFE3510

BILL THIRD PARTY

TO SAMPLE RECEIVING
ALS ENVIRONMENTAL FT. COLLINS
225 COMMERCE DR

FORT COLLINS CO 805242762
(970) 490-1511
REF: BILL TO FT COLLINS LAB

10-
1.3

FedEx Express

THU - 24 FEB 4:30P
STANDARD OVERNIGHT

TRK# 0201 5646 0616 1883

80524
CO-US DEN

U1 FTCA

GC/MS Semivolatiles

Case Narrative

Tetra Tech

Bauer Tailings Site Assessment -- 103X903520F0083211203

Work Order Number: 2202436

1. This report consists of 33 soil samples. The samples were received cool and intact by ALS on 02/24/22.

2. These samples were prepared and analyzed according to SW-846, 3rd Edition procedures. Specifically, the soil samples were extracted using microwave procedures according to SW-846 Method 3546, utilizing the current revision of SOP 620.

3. The extracts were analyzed using GC/MS according to the current revision of SOP 506 based on SW-846 Method 8270E. All positive results were quantitated against the initial calibration standards using the internal standard technique. The identification of positive results was achieved by a comparison of the retention time and mass spectrum of the sample versus the daily calibration standard.

4. All initial calibration criteria were met. If average response factors were used in the initial calibration, %RSD was ≤20%. If linear or higher order regression calibrations were used in the initial calibration, the coefficient of determination (r^2) ≥0.99.

5. All initial calibration standards are verified by comparing a second source standard initial calibration verification (ICV) against the calibration curve. All target compounds in the second source verification had a %D ≤30%.

6. Per the guidance in methods 8000 and 8270, all compounds in each of the daily (continuing) calibration verifications had sufficient response to support accurate quantitation of the data included in this report.

7. The method blanks had bis(2-ethylhexyl)phthalate detected below the reporting limit. This compound was not detected in many of the associated samples. In the samples where the compound was detected, the data has been flagged.

8. Several compounds were out low in each laboratory control samples. Di-N-Octyl Phthalate was out high in EX220303-2LCS.

9. Samples 2202436-1 and -10 were designated as the quality control samples for this analysis. Similarity of matrix and therefore relevance of the QC results should not be automatically inferred for any sample other than the native sample selected for QC.

   Many compounds were out low and RPDs out high in the matrix spike and matrix spike duplicate for 2202436-1. Several compounds were out low and RPDs out high in the matrix spike and matrix spike duplicate for 2202436-10.

10. The samples were extracted and analyzed within the established holding times.

11. All surrogate recoveries were within acceptance criteria with the following exceptions:

Surrogate	Sample	Direction
All surrogates	2202436-1, -7, -8	Low
2-Fluorobiphenyl	2202436-11	Low
2-Fluorophenol	2202436-4, -11	Low
Phenol-D_5	2202436-1MS/MSD, 2, -3, -4, -9, -11, -14	Low
Terphenyl-D_{14}	2202436-4, -11	Low

12. All internal standard recoveries were within acceptance criteria.

13. Manual integrations are performed when needed to provide consistent and defensible data following the guidelines in the current revision of SOP 939. Whenever manual integrations are performed, before and after chromatograms of the peak that was manually integrated are included in the report along with the reason why the re-integration was necessary.

The data contained in the following report have been reviewed and approved by the personnel listed below. In addition, ALS certifies that the analyses reported herein are true, complete and correct within the limits of the methods employed.

Organics Final Data Reviewer

3/15/22
Date

ALS
Data Qualifier Flags
Organics

U or ND:	**This flag indicates that the compound was analyzed for but not detected.**
J:	**This flag indicates an estimated value. This flag is used as follows : (1) when estimating a concentration for tentatively identified compounds (TICs) where a 1:1 response is assumed; (2) when the mass spectral and retention time data indicate the presence of a compound that meets the volatile and semivolatile GC/MS identification criteria, and the result is less than the reporting limit (RL) but greater than the method detection limit (MDL); (3) when the retention time data indicate the presence of a compound that meets the GC identification criteria, and the result is less than the RL but greater than the MDL; and (4) the reported value is estimated.**
B:	**This flag is used when the analyte is detected in the associated method blank as well as in the sample. It indicates probable blank contamination and warns the data user. This flag shall be used for a tentatively identified compound (TIC) as well as for a positively identified target compound.**
E:	**This flag identifies compounds whose concentration exceeds the upper level of the calibration range.**
A:	**This flag indicates that a tentatively identified compound is a suspected aldol-condensation product.**
X:	**This flag indicates that the analyte was diluted below an accurate quantitation level.**
***:**	**This flag indicates that a spike recovery is equal to or outside the control criteria used.**
+:	**This flag indicates that the relative percent difference (RPD) equals or exceeds the control criteria.**

Chain of Custody

ALS -- Fort Collins

Sample Number(s) Cross-Reference Table

OrderNum: 2202436
Client Name: Tetra Tech
Client Project Name: Bauer Tailings Site Assessment
Client Project Number: 103X903520F0083211203
Client PO Number:

Client Sample Number	Lab Sample Number	COC Number	Matrix	Date Collected	Time Collected
BT-P2-AOI-02-01	2202436-1		SOIL	22-Feb-22	9:11
BT-P2-AOI-03-01	2202436-2		SOIL	22-Feb-22	9:02
BT-P2-AOI-03-02	2202436-3		SOIL	22-Feb-22	9:09
BT-P2-AOI-03-03	2202436-4		SOIL	22-Feb-22	9:16
BT-P2-AOI-03-04	2202436-5		SOIL	22-Feb-22	9:22
BT-P2-AOI-03-05	2202436-6		SOIL	22-Feb-22	9:32
BT-P2-AOI-03-06	2202436-7		SOIL	22-Feb-22	9:50
BT-P2-AOI-03-07	2202436-8		SOIL	22-Feb-22	9:37
BT-P2-AOI-09-08	2202436-9		SOIL	22-Feb-22	10:42
BT-P2-AOI-09-07	2202436-10		SOIL	22-Feb-22	11:39
BT-P2-AOI-09-09	2202436-11		SOIL	22-Feb-22	11:28
BT-P2-AOI-09-02	2202436-12		SOIL	22-Feb-22	11:48
BT-P2-AOI-09-01	2202436-13		SOIL	22-Feb-22	11:56
BT-PS-AOI-09-10	2202436-14		SOIL	22-Feb-22	10:58
BT-P2-AOI-09-04	2202436-15		SOIL	22-Feb-22	11:22
BT-P2-AOI-09-03	2202436-16		SOIL	22-Feb-22	11:13
BT-P2-AOI-09-06	2202436-17		SOIL	22-Feb-22	10:49
BT-P2-AOI-09-05	2202436-18		SOIL	22-Feb-22	11:05
BT-P2-AOI-08-02	2202436-19		SOIL	22-Feb-22	10:56
BT-P2-AOI-08-01	2202436-20		SOIL	22-Feb-22	10:50
BT-P2-AOI-07-02	2202436-21		SOIL	22-Feb-22	10:28
BT-P2-AOI-05-01	2202436-22		SOIL	22-Feb-22	10:16
BT-P2-AOI-04-01	2202436-23		SOIL	22-Feb-22	8:50
BT-P2-AOI-06-01	2202436-24		SOIL	22-Feb-22	9:55
BT-P2-AOI-06-03	2202436-25		SOIL	22-Feb-22	10:05
BT-P2-AOI-06-04	2202436-26		SOIL	22-Feb-22	9:42
BT-P2-AOI-06-05	2202436-27		SOIL	22-Feb-22	9:35
BT-P2-AOI-06-06	2202436-28		SOIL	22-Feb-22	9:27
BT-P2-AOI-07-01	2202436-29		SOIL	22-Feb-22	10:24
BT-P2-AOI-06-02	2202436-30		SOIL	22-Feb-22	9:49

ALS -- Fort Collins

Sample Number(s) Cross-Reference Table

OrderNum: 2202436
Client Name: Tetra Tech
Client Project Name: Bauer Tailings Site Assessment
Client Project Number: 103X903520F0083211203
Client PO Number:

Client Sample Number	Lab Sample Number	COC Number	Matrix	Date Collected	Time Collected
BT-P2-AOI-04-01-DUP	2202436-31		SOIL	22-Feb-22	8:53
BT-P2-AOI-03-04-DUP	2202436-32		SOIL	22-Feb-22	9:26
BT-P2-AOI-09-06-DUP	2202436-33		SOIL	22-Feb-22	10:52

ALS Environmental

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Chain-of-Custody

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ALS WORKORDER # # 2202436

TURNAROUND TIME	10-Day	SAMPLER	M. Ericson, S. Price, S. Komma, J. Turner	PAGE	1 of 3
SITE ID				DISPOSAL	BY LAB or RETURN
EDD FORMAT	START R8			PARAMETER/METHOD REQUEST FOR ANALYSIS	
PURCHASE ORDER				A	SVOC SW-846 (8270E)
BILL TO COMPANY	Tetra Tech			B	
INVOICE ATTN TO	Madison Ericson			C	
ADDRESS	1560 Broadway, Suite 1400			D	
CITY / STATE / ZIP	Denver, CO 80202			E	
PHONE				F	
FAX				G	
E-MAIL	madison.ericson@tetratech.com			H	
				I	
				J	

PROJECT NAME	Bauer Tailings Site Assessment
PROJECT No.	103X9035[redacted]20F0083211203
E-MAIL	
COMPANY NAME	Tetra Tech
SEND REPORT TO	Madison Ericson
ADDRESS	1560 Broadway, Suite 1400
CITY / STATE / ZIP	Denver, CO 80202
PHONE	804-357-6775
FAX	
E-MAIL	madison.ericson@tetratech.com

LAB ID	FIELD ID	MATRIX	SAMPLE DATE	SAMPLE TIME	# OF BOTTLES	PRESERVATIVE	QC	A	B	C	D	E	F	G	H	I	J	SEE NOTES SECTION
1	BT-P2-AOI-02-01	SOIL	2/22/22	0929	3	NA	X	X										MS/MSD
2	BT-P2-AOI-03-01	SOIL	2/22/22	0902	1	NA		X										
3	BT-P2-AOI-03-02	SOIL	2/22/22	0909	1	NA		X										
4	BT-P2-AOI-03-03	SOIL	2/22/22	0916	1	NA		X										
5	BT-P2-AOI-03-04	SOIL	2/22/22	0922	1	NA		X										
6	BT-P2-AOI-03-05	SOIL	2/22/22	0932	1	NA		X										
7	BT-P2-AOI-03-06	SOIL	2/22/22	0950	1	NA		X										
8	BT-P2-AOI-03-07	SOIL	2/22/22	0937	1	NA		X										
9	BT-P2-AOI-09-08	SOIL	2/22/22	1042	1	NA		X										
10	BT-P2-AOI-09-07	SOIL	2/22/22	1139	3	NA	X	X										MS/MSD
11	BT-P2-AOI-09-09	SOIL	2/22/22	1128	1	NA		X										
12	BT-P2-AOI-09-02	SOIL	2/22/22	1148	1	NA		X										

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NOTES

7 of 420

REPORT LEVEL / QC REQUIRED	
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X	LEVEL II (Standard QC)
	LEVEL III (Std QC + forms)
	LEVEL IV (Std QC + forms + raw data)

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Form 202r9

	SIGNATURE	PRINTED NAME	DATE	TIME
RELINQUISHED BY	Madison Ericson	Madison Ericson	2.23.22	0815
RECEIVED BY	[signature]	[illegible]	2/23/22	835
RELINQUISHED BY	[signature]	[illegible]	2/23/22	1600
RECEIVED BY	Claire Thennes	Claire Thennes	2/24/22	1504
RELINQUISHED BY				
RECEIVED BY				

ALS Environmental

225 Commerce Drive, Fort Collins, Colorado 80524
TF: (800) 443-1511 PH: (970) 490-1511 FX: (970) 490-1522

Chain-of-Custody

Turnaround time for samples received after 2 p.m. will be calculated beginning from the next business day.
Turnaround time for samples received Saturday will be calculated beginning from the next business day.

ALS WORKORDER # # 2202436

TURNAROUND TIME	10-Day	SAMPLER	M. Ericson, S. Price, S. Komma, J. Turner	PAGE	2 of 3
SITE ID				DISPOSAL	BY LAB or RETURN

				PARAMETER/METHOD REQUEST FOR ANALYSIS	
PROJECT NAME	Bauer Tailings Site Assessment	EDD FORMAT	START R8	A	SVOC SW-846 (8270E)
PROJECT No.	103X9035[redacted] 20F0083211203	PURCHASE ORDER		B	
COMPANY NAME	Tetra Tech	BILL TO COMPANY	Tetra Tech	C	
SEND REPORT TO	Madison Ericson	INVOICE ATTN TO	Madison Ericson	D	
ADDRESS	1560 Broadway, Suite 1400	ADDRESS	1560 Broadway, Suite 1400	E	
CITY / STATE / ZIP	Denver, CO 80202	CITY / STATE / ZIP	Denver, CO 80202	F	
PHONE	804-357-6775	PHONE		G	
FAX		FAX		H	
E-MAIL	madison.ericson@tetratech.com	E-MAIL	madison.ericson@tetratech.com	I	
				J	

LAB ID	FIELD ID	MATRIX	SAMPLE DATE	SAMPLE TIME	# OF BOTTLES	PRESERVATIVE	QC	A	B	C	D	E	F	G	H	I	J	SEE NOTES SECTION
13	BT-P2-AOI-09-01	SOIL	2/22/22	1156	1	NA		X										
14	BT-PS-AOI-09-10	SOIL	2/22/22	1058	1	NA		X										
15	BT-P2-AOI-09-04	SOIL	2/22/22	1122	1	NA		X										
16	BT-P2-AOI-09-03	SOIL	2/22/22	1113	1	NA		X										
17	BT-P2-AOI-09-06	SOIL	2/22/22	1049	1	NA		X										
18	BT-P2-AOI-09-05	SOIL	2/22/22	1105	1	NA		X										
19	BT-P2-AOI-08-02	SOIL	2/22/22	1056	1	NA		X										
20	BT-P2-AOI-08-01	SOIL	2/22/22	1050	1	NA		X										
21	BT-P2-AOI-07-02	SOIL	2/22/22	1028	1	NA		X										
22	BT-P2-AOI-05-01	SOIL	2/22/22	1016	1	NA		X										
23	BT-P2-AOI-04-01	SOIL	2/22/22	0850	1	NA		X										
24	BT-P2-AOI-06-01	SOIL	2/22/22	0955	1	NA		X										

*Time Zone (Circle): EST CST (MST) PST Matrix: O = oil S = soil NS = non-soil solid W = water L = liquid E = extract F = filter

NOTES

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REPORT LEVEL / QC REQUIRED	
	Summary (Standard QC)
X	LEVEL II (Standard QC)
	LEVEL III (Std QC + forms)
	LEVEL IV (Std QC + forms + raw data)

PRESERVATION KEY: 1-HCl 2-HNO3 3-H2SO4 4-NaOH 5-NaOH/ZnAcetate 6-NaHSO4 7-4°C 8-Other

Form 202r9

	SIGNATURE	PRINTED NAME	DATE	TIME
RELINQUISHED BY		Madison Ericson	2.23.22	0815
RECEIVED BY			2/23/22	855
RELINQUISHED BY			2/23/22	1100
RECEIVED BY		Claire Thomas	2/24/22	1504
RELINQUISHED BY				
RECEIVED BY				

ALS Environmental

225 Commerce Drive, Fort Collins, Colorado 80524
TF: (800) 443-1511 PH: (970) 490-1511 FX. (970) 490-1522

Chain-of-Custody

Turnaround time for samples received after 2 p.m. will be calculated beginning from the next business day.

Turnaround time for samples received Saturday will be calculated beginning from the next business day.

ALS WORKORDER # # 2202436

PROJECT NAME	Bauer Tailings Site Assessment	TURNAROUND TIME	10-Day	SAMPLER	M. Ericson, S. Price, S. Komma, J. Turner
PROJECT No.	103X9035[redacted] 20F00 83211203	SITE ID			
		EDD FORMAT	START R8		
		PURCHASE ORDER			
COMPANY NAME	Tetra Tech	BILL TO COMPANY	Tetra Tech		
SEND REPORT TO	Madison Ericson	INVOICE ATTN TO	Madison Ericson		
ADDRESS	1560 Broadway	ADDRESS	1560 Broadway, Suite 1400		
CITY / STATE / ZIP	Denver, CO 80202	CITY / STATE / ZIP	Denver, CO 80202		
PHONE	804-357-6775	PHONE			
FAX		FAX			
E-MAIL	madison.ericson@tetratech.com	E-MAIL	madison.ericson@tetratech.com		

PAGE 3 of 3

DISPOSAL (BY LAB) or RETURN

PARAMETER/METHOD REQUEST FOR ANALYSIS

A	SVOC SW-846 (8270E)
B	
C	
D	
E	
F	
G	
H	
I	
J	

LAB ID	FIELD ID	MATRIX	SAMPLE DATE	SAMPLE TIME	# OF BOTTLES	PRESERVATIVE	QC	A	B	C	D	E	F	G	H	I	J	SEE NOTES SECTION
25	BT-P2-AOI-06-03	SOIL	2/22/22	1005	1	NA		X										
26	BT-P2-AOI-06-04	SOIL	2/22/22	0942	1	NA		X										
27	BT-P2-AOI-06-05	SOIL	2/22/22	0935	1	NA		X										
28	BT-P2-AOI-06-06	SOIL	2/22/22	0927	1	NA		X										
29	BT-P2-AOI-07-01	SOIL	2/22/22	1024	1	NA		X										
30	BT-P2-AOI-06-02	SOIL	2/22/22	0949	1	NA		X										
31	BT-P2-AOI-04-01-DUP	SOIL	2/22/22	0853	1	NA		X										
32	BT-P2-AOI-03-04-DUP	SOIL	2/22/22	0926	1	NA		X										
33	BT-P2-AOI-09-06-DUP	SOIL	2/22/22	1052	1	NA		X										

*Time Zone (Circle): EST CST (MST) PST Matrix: O = oil S = soil NS = non-soil solid W = water L = liquid E = extract F = filter

NOTES

9 of 420

REPORT LEVEL / QC REQUIRED	
	Summary (Standard QC)
X	LEVEL II (Standard QC)
	LEVEL III (Std QC + forms)
	LEVEL IV (Std QC + forms + raw data)

PRESERVATION KEY: 1-HCl 2-HNO3 3-H2SO4 4-NaOH 5-NaOH/ZnAcetate 6-NaHSO4 7-4°C 8-Other

Form 202r9

	SIGNATURE	PRINTED NAME	DATE	TIME
RELINQUISHED BY	Madison Ericson	Madison Ericson	2.23.22	0815
RECEIVED BY	[signature]	[signature]	2/23/22	855
RELINQUISHED BY	[signature]	[signature]	2/23/22	1600
RECEIVED BY	[signature]	Claire Thennes	2/24/22	1504
RELINQUISHED BY				
RECEIVED BY				

ALS Environmental - Fort Colllins
CONDITION OF SAMPLE UPON RECEIPT FORM

Client: TETRA TECH Workorder No: 2202436

Project Manager: KMO Initials: CXT Date: 2/25/2022

		N/A	YES	NO
1.	Are airbills / shipping documents present and/or removable?		X	
	Tracking number: 5646 0616 1872/ 5646 0616 1883			
2.	Are custody seals on shipping containers intact?	X		
3.	Are custody seals on sample containers intact?	X		
4.	Is there a COC (chain-of-custody) present?		X	
5.	Is the COC in agreement with samples received? (IDs, dates, times, # of samples, # of containers, matrix, requested analyses, etc.)		X	
6.	Are short-hold samples present?			X
7.	Are all samples within holding times for the requested analyses?		X	
8.	Were all sample containers received intact? (not broken or leaking)		X	
9.	Is there sufficient sample for the requested analyses?		X	
10.	Are samples in proper containers for requested analyses? (form 250, *Sample Handling Guidelines*)		X	
11.	Are all aqueous samples preserved correctly, if required? (excluding volatiles)	X		
12.	Are all samples requiring no headspace (VOC, GRO, RSK/MEE, radon) free of bubbles > 6 mm (1/4 inch) diameter? (i.e. size of green pea)	X		
13.	Were the samples shipped on ice?		X	
14.	Were cooler temperatures measured at 0.1-6.0°C? IR gun used*: #5	RAD ONLY	X	

Cooler #:	1	2					
Temperature (°C):	0.0	1.3					
# of custody seals on cooler:	0	0					
External µR/hr reading:	10	10					
Background µR/hr reading:	11						

Were external µR/hr readings ≤ two times background and within DOT acceptance criteria? YES

* Please provide details here for NO responses to boxes above - for 2 thru 5 & 7 thru 12, notify PM & continue w/ login.

Were unpreserved bottles pH checked? NA All client bottle ID's vs ALS lab ID's double-checked by: CT

If applicable, was the client contacted? YES / NO / NA Contact: _____ Date/Time: _____

Project Manager Signature / Date: _____ 3/01/22

Form 201r29.xls
(10/15/2019)

*IR Gun #3, VWR SN 170647571
*IR Gun #5, VWR SN 192272629

2202436

ORIGIN ID:BTFA (801) 266-7700
SAMPLE RECEIVING
ALS
960 WEST LEVOY DRIVE
SALT LAKE CITY, UT 84123
UNITED STATES US

SHIP DATE: 23FEB22
ACTWGT: 40.85 LB
CAD: 0342875/CAFE3510

BILL THIRD PARTY

TO SAMPLE RECEIVING
ALS ENVIRONMENTAL FT. COLLINS
225 COMMERCE DR

FORT COLLINS CO 805242762
(970) 490-1511
REF: BILL TO FT COLLINS LAB

10.0
0.0

FedEx Express

J211020121101sr

TRK# 0201 5646 0616 1872

THU - 24 FEB 4:30P
STANDARD OVERNIGHT

U1 FTCA

80524
CO-US DEN

Part # 158148-434 MTW EXP 08/22

ORIGIN ID:BTFA (801) 266-7700
SAMPLE RECEIVING
ALS
960 WEST LEVOY DRIVE
SALT LAKE CITY, UT 84123
UNITED STATES US

SHIP DATE: 23FEB22
ACTWGT: 37.40 LB
CAD: 0342875/CAFE3510

BILL THIRD PARTY

TO SAMPLE RECEIVING
ALS ENVIRONMENTAL FT. COLLINS
225 COMMERCE DR

FORT COLLINS CO 805242762
(970) 490-1511
REF: BILL TO FT COLLINS LAB

10
1.3

FedEx Express

J211020121101sr

TRK# 0201 5646 0616 1883

THU - 24 FEB 4:30P
STANDARD OVERNIGHT

U1 FTCA

80524
CO-US DEN

Part # 158148-434 MTW EXP 08/22

Analytical Results

GC/MS Semi-volatiles

Method SW8270E

Method Blank

Lab Name: ALS -- Fort Collins

Work Order Number: 2202436

Client Name: Tetra Tech

ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Lab ID: ex220302-1MB

Sample Matrix: SOIL
% Moisture: N/A
Date Collected: N/A
Date Extracted: 02-Mar-22
Date Analyzed: 06-Mar-22

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: N/A
File Name: SV2779

Sample Aliquot: 15 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	DF	Result	Result Qualifier	Reporting Limit	MDL
110-86-1	PYRIDINE	1	2000	U	2000	400
62-75-9	N-NITROSODIMETHYLAMINE	1	670	U	670	140
62-53-3	ANILINE	1	670	U	670	100
108-95-2	PHENOL	1	670	U	670	100
111-44-4	BIS(2-CHLOROETHYL)ETHER	1	670	U	670	100
95-57-8	2-CHLOROPHENOL	1	670	U	670	100
541-73-1	1,3-DICHLOROBENZENE	1	670	U	670	100
106-46-7	1,4-DICHLOROBENZENE	1	670	U	670	100
95-50-1	1,2-DICHLOROBENZENE	1	670	U	670	100
100-51-6	BENZYL ALCOHOL	1	670	U	670	100
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	1	670	U	670	120
95-48-7	2-METHYLPHENOL	1	670	U	670	100
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	1	670	U	670	100
108-39-4	3+4-METHYLPHENOL	1	670	U	670	100
67-72-1	HEXACHLOROETHANE	1	670	U	670	100
98-95-3	NITROBENZENE	1	670	U	670	100
78-59-1	ISOPHORONE	1	670	U	670	100
88-75-5	2-NITROPHENOL	1	670	U	670	100
105-67-9	2,4-DIMETHYLPHENOL	1	670	U	670	100
111-91-1	BIS(2-CHLOROETHOXY)METHANE	1	670	U	670	100
120-83-2	2,4-DICHLOROPHENOL	1	670	U	670	100
65-85-0	BENZOIC ACID	1	3300	U	3300	700
120-82-1	1,2,4-TRICHLOROBENZENE	1	670	U	670	100
91-20-3	NAPHTHALENE	1	670	U	670	100
106-47-8	4-CHLOROANILINE	1	670	U	670	100
87-68-3	HEXACHLOROBUTADIENE	1	670	U	670	100
59-50-7	4-CHLORO-3-METHYLPHENOL	1	670	U	670	100
91-57-6	2-METHYLNAPHTHALENE	1	670	U	670	100

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Method Blank

Lab Name: ALS -- Fort Collins

Work Order Number: 2202436

Client Name: Tetra Tech

ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Lab ID: ex220302-1MB

Sample Matrix: SOIL
% Moisture: N/A
Date Collected: N/A
Date Extracted: 02-Mar-22
Date Analyzed: 06-Mar-22

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: N/A
File Name: SV2779

Sample Aliquot: 15 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	DF	Result	Result Qualifier	Reporting Limit	MDL
90-12-0	1-METHYLNAPHTHALENE	1	670	U	670	100
77-47-4	HEXACHLOROCYCLOPENTADIENE	1	670	U	670	100
88-06-2	2,4,6-TRICHLOROPHENOL	1	670	U	670	100
95-95-4	2,4,5-TRICHLOROPHENOL	1	670	U	670	100
91-58-7	2-CHLORONAPHTHALENE	1	670	U	670	100
88-74-4	2-NITROANILINE	1	1300	U	1300	100
131-11-3	DIMETHYL PHTHALATE	1	670	U	670	100
606-20-2	2,6-DINITROTOLUENE	1	670	U	670	100
208-96-8	ACENAPHTHYLENE	1	670	U	670	100
99-09-2	3-NITROANILINE	1	1300	U	1300	100
83-32-9	ACENAPHTHENE	1	670	U	670	100
51-28-5	2,4-DINITROPHENOL	1	1300	U	1300	400
100-02-7	4-NITROPHENOL	1	1300	U	1300	100
132-64-9	DIBENZOFURAN	1	670	U	670	100
121-14-2	2,4-DINITROTOLUENE	1	670	U	670	100
84-66-2	DIETHYL PHTHALATE	1	670	U	670	100
86-73-7	FLUORENE	1	670	U	670	100
7005-72-3	4-CHLOROPHENYL PHENYL ETHER	1	670	U	670	100
100-01-6	4-NITROANILINE	1	1300	U	1300	100
103-33-3	AZOBENZENE	1	670	U	670	100
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1	2700	U	2700	600
86-30-6	N-NITROSODIPHENYLAMINE	1	670	U	670	100
101-55-3	4-BROMOPHENYL PHENYL ETHER	1	670	U	670	100
118-74-1	HEXACHLOROBENZENE	1	670	U	670	140
58-90-2	2,3,4,6-TETRACHLOROPHENOL	1	670	U	670	160
87-86-5	PENTACHLOROPHENOL	1	2700	U	2700	100
85-01-8	PHENANTHRENE	1	670	U	670	100
120-12-7	ANTHRACENE	1	670	U	670	100

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Method Blank

Lab Name: ALS -- Fort Collins

Work Order Number: 2202436

Client Name: Tetra Tech

ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Lab ID: ex220302-1MB

Sample Matrix: SOIL
% Moisture: N/A
Date Collected: N/A
Date Extracted: 02-Mar-22
Date Analyzed: 06-Mar-22

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: N/A
File Name: SV2779

Sample Aliquot: 15 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	DF	Result	Result Qualifier	Reporting Limit	MDL
86-74-8	CARBAZOLE	1	670	U	670	100
84-74-2	DI-N-BUTYL PHTHALATE	1	670	U	670	100
206-44-0	FLUORANTHENE	1	670	U	670	100
129-00-0	PYRENE	1	670	U	670	100
85-68-7	BUTYL BENZYL PHTHALATE	1	670	U	670	100
56-55-3	BENZO(A)ANTHRACENE	1	670	U	670	100
91-94-1	3,3'-DICHLOROBENZIDINE	1	670	U	670	100
218-01-9	CHRYSENE	1	670	U	670	100
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	1	230	J	1000	100
117-84-0	DI-N-OCTYL PHTHALATE	1	1000	U	1000	100
205-99-2	BENZO(B)FLUORANTHENE	1	670	U	670	100
207-08-9	BENZO(K)FLUORANTHENE	1	670	U	670	100
50-32-8	BENZO(A)PYRENE	1	670	U	670	100
193-39-5	INDENO(1,2,3-CD)PYRENE	1	670	U	670	140
53-70-3	DIBENZO(A,H)ANTHRACENE	1	670	U	670	100
191-24-2	BENZO(G,H,I)PERYLENE	1	670	U	670	100

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Method Blank

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Lab ID: ex220302-1MB

Sample Matrix: SOIL
% Moisture: N/A
Date Collected: N/A
Date Extracted: 02-Mar-22
Date Analyzed: 06-Mar-22

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: N/A
File Name: SV2779

Sample Aliquot: 15 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	DF	Result	Result Qualifier	Reporting Limit	MDL

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	4070		5000	81	25 - 127
321-60-8	2-FLUOROBIPHENYL	2630		3330	79	34 - 120
367-12-4	2-FLUOROPHENOL	4300		5000	86	38 - 120
4165-60-0	NITROBENZENE-D5	2600		3330	78	31 - 120
4165-62-2	PHENOL-D5	4350		5000	87	45 - 120
1718-51-0	TERPHENYL-D14	2940		3330	88	39 - 120

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Method Blank

Lab Name: ALS -- Fort Collins

Work Order Number: 2202436

Client Name: Tetra Tech

ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Lab ID: EX220303-2MB

Sample Matrix: SOIL
% Moisture: N/A
Date Collected: N/A
Date Extracted: 03-Mar-22
Date Analyzed: 06-Mar-22

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220306-4
Cleanup: NONE
Basis: N/A
File Name: SV2781

Sample Aliquot: 15 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	DF	Result	Result Qualifier	Reporting Limit	MDL
110-86-1	PYRIDINE	1	2000	U	2000	400
62-75-9	N-NITROSODIMETHYLAMINE	1	670	U	670	140
62-53-3	ANILINE	1	670	U	670	100
108-95-2	PHENOL	1	670	U	670	100
111-44-4	BIS(2-CHLOROETHYL)ETHER	1	670	U	670	100
95-57-8	2-CHLOROPHENOL	1	670	U	670	100
541-73-1	1,3-DICHLOROBENZENE	1	670	U	670	100
106-46-7	1,4-DICHLOROBENZENE	1	670	U	670	100
95-50-1	1,2-DICHLOROBENZENE	1	670	U	670	100
100-51-6	BENZYL ALCOHOL	1	670	U	670	100
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	1	670	U	670	120
95-48-7	2-METHYLPHENOL	1	670	U	670	100
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	1	670	U	670	100
108-39-4	3+4-METHYLPHENOL	1	670	U	670	100
67-72-1	HEXACHLOROETHANE	1	670	U	670	100
98-95-3	NITROBENZENE	1	670	U	670	100
78-59-1	ISOPHORONE	1	670	U	670	100
88-75-5	2-NITROPHENOL	1	670	U	670	100
105-67-9	2,4-DIMETHYLPHENOL	1	670	U	670	100
111-91-1	BIS(2-CHLOROETHOXY)METHANE	1	670	U	670	100
120-83-2	2,4-DICHLOROPHENOL	1	670	U	670	100
65-85-0	BENZOIC ACID	1	3300	U	3300	700
120-82-1	1,2,4-TRICHLOROBENZENE	1	670	U	670	100
91-20-3	NAPHTHALENE	1	670	U	670	100
106-47-8	4-CHLOROANILINE	1	670	U	670	100
87-68-3	HEXACHLOROBUTADIENE	1	670	U	670	100
59-50-7	4-CHLORO-3-METHYLPHENOL	1	670	U	670	100
91-57-6	2-METHYLNAPHTHALENE	1	670	U	670	100

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Method Blank

Lab Name: ALS -- Fort Collins

Work Order Number: 2202436

Client Name: Tetra Tech

ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Lab ID: EX220303-2MB

Sample Matrix: SOIL
% Moisture: N/A
Date Collected: N/A
Date Extracted: 03-Mar-22
Date Analyzed: 06-Mar-22

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220306-4
Cleanup: NONE
Basis: N/A
File Name: SV2781

Sample Aliquot: 15 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	DF	Result	Result Qualifier	Reporting Limit	MDL
90-12-0	1-METHYLNAPHTHALENE	1	670	U	670	100
77-47-4	HEXACHLOROCYCLOPENTADIENE	1	670	U	670	100
88-06-2	2,4,6-TRICHLOROPHENOL	1	670	U	670	100
95-95-4	2,4,5-TRICHLOROPHENOL	1	670	U	670	100
91-58-7	2-CHLORONAPHTHALENE	1	670	U	670	100
88-74-4	2-NITROANILINE	1	1300	U	1300	100
131-11-3	DIMETHYL PHTHALATE	1	670	U	670	100
606-20-2	2,6-DINITROTOLUENE	1	670	U	670	100
208-96-8	ACENAPHTHYLENE	1	670	U	670	100
99-09-2	3-NITROANILINE	1	1300	U	1300	100
83-32-9	ACENAPHTHENE	1	670	U	670	100
51-28-5	2,4-DINITROPHENOL	1	1300	U	1300	400
100-02-7	4-NITROPHENOL	1	1300	U	1300	100
132-64-9	DIBENZOFURAN	1	670	U	670	100
121-14-2	2,4-DINITROTOLUENE	1	670	U	670	100
84-66-2	DIETHYL PHTHALATE	1	670	U	670	100
86-73-7	FLUORENE	1	670	U	670	100
7005-72-3	4-CHLOROPHENYL PHENYL ETHER	1	670	U	670	100
100-01-6	4-NITROANILINE	1	1300	U	1300	100
103-33-3	AZOBENZENE	1	670	U	670	100
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1	2700	U	2700	600
86-30-6	N-NITROSODIPHENYLAMINE	1	670	U	670	100
101-55-3	4-BROMOPHENYL PHENYL ETHER	1	670	U	670	100
118-74-1	HEXACHLOROBENZENE	1	670	U	670	140
58-90-2	2,3,4,6-TETRACHLOROPHENOL	1	670	U	670	160
87-86-5	PENTACHLOROPHENOL	1	2700	U	2700	100
85-01-8	PHENANTHRENE	1	670	U	670	100
120-12-7	ANTHRACENE	1	670	U	670	100

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Method Blank

Lab Name: ALS -- Fort Collins

Work Order Number: 2202436

Client Name: Tetra Tech

ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Lab ID: EX220303-2MB

Sample Matrix: SOIL
% Moisture: N/A
Date Collected: N/A
Date Extracted: 03-Mar-22
Date Analyzed: 06-Mar-22

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220306-4
Cleanup: NONE
Basis: N/A
File Name: SV2781

Sample Aliquot: 15 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	DF	Result	Result Qualifier	Reporting Limit	MDL
86-74-8	CARBAZOLE	1	670	U	670	100
84-74-2	DI-N-BUTYL PHTHALATE	1	670	U	670	100
206-44-0	FLUORANTHENE	1	670	U	670	100
129-00-0	PYRENE	1	670	U	670	100
85-68-7	BUTYL BENZYL PHTHALATE	1	670	U	670	100
56-55-3	BENZO(A)ANTHRACENE	1	670	U	670	100
91-94-1	3,3'-DICHLOROBENZIDINE	1	670	U	670	100
218-01-9	CHRYSENE	1	670	U	670	100
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	1	200	J	1000	100
117-84-0	DI-N-OCTYL PHTHALATE	1	1000	U	1000	100
205-99-2	BENZO(B)FLUORANTHENE	1	670	U	670	100
207-08-9	BENZO(K)FLUORANTHENE	1	670	U	670	100
50-32-8	BENZO(A)PYRENE	1	670	U	670	100
193-39-5	INDENO(1,2,3-CD)PYRENE	1	670	U	670	140
53-70-3	DIBENZO(A,H)ANTHRACENE	1	670	U	670	100
191-24-2	BENZO(G,H,I)PERYLENE	1	670	U	670	100

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Method Blank

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Lab ID: EX220303-2MB

Sample Matrix: SOIL
% Moisture: N/A
Date Collected: N/A
Date Extracted: 03-Mar-22
Date Analyzed: 06-Mar-22

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220306-4
Cleanup: NONE
Basis: N/A
File Name: SV2781

Sample Aliquot: 15 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	DF	Result	Result Qualifier	Reporting Limit	MDL

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	4130		5000	83	25 - 127
321-60-8	2-FLUOROBIPHENYL	2680		3330	80	34 - 120
367-12-4	2-FLUOROPHENOL	4360		5000	87	38 - 120
4165-60-0	NITROBENZENE-D5	2600		3330	78	31 - 120
4165-62-2	PHENOL-D5	4460		5000	89	45 - 120
1718-51-0	TERPHENYL-D14	3110		3330	93	39 - 120

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2202436

Client Name: Tetra Tech

ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-02-01
Lab ID: 2202436-1

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 16.8
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 06-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2784

Analyst: Tyler Knaebel
Sample Aliquot: 15.21 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
110-86-1	PYRIDINE	1	2400	U	2400	470
62-75-9	N-NITROSODIMETHYLAMINE	1	790	U	790	170
62-53-3	ANILINE	1	790	U	790	120
108-95-2	PHENOL	1	790	U	790	120
111-44-4	BIS(2-CHLOROETHYL)ETHER	1	790	U	790	120
95-57-8	2-CHLOROPHENOL	1	790	U	790	120
541-73-1	1,3-DICHLOROBENZENE	1	790	U	790	120
106-46-7	1,4-DICHLOROBENZENE	1	790	U	790	120
95-50-1	1,2-DICHLOROBENZENE	1	790	U	790	120
100-51-6	BENZYL ALCOHOL	1	790	U	790	120
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	1	790	U	790	140
95-48-7	2-METHYLPHENOL	1	790	U	790	120
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	1	790	U	790	120
108-39-4	3+4-METHYLPHENOL	1	790	U	790	120
67-72-1	HEXACHLOROETHANE	1	790	U	790	120
98-95-3	NITROBENZENE	1	790	U	790	120
78-59-1	ISOPHORONE	1	790	U	790	120
88-75-5	2-NITROPHENOL	1	790	U	790	120
105-67-9	2,4-DIMETHYLPHENOL	1	790	U	790	120
111-91-1	BIS(2-CHLOROETHOXY)METHANE	1	790	U	790	120
120-83-2	2,4-DICHLOROPHENOL	1	790	U	790	120
65-85-0	BENZOIC ACID	1	3900	U	3900	830
120-82-1	1,2,4-TRICHLOROBENZENE	1	790	U	790	120
91-20-3	NAPHTHALENE	1	790	U	790	120
106-47-8	4-CHLOROANILINE	1	790	U	790	120
87-68-3	HEXACHLOROBUTADIENE	1	790	U	790	120

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-02-01
Lab ID: 2202436-1

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 16.8
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 06-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2784

Analyst: Tyler Knaebel
Sample Aliquot: 15.21 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
59-50-7	4-CHLORO-3-METHYLPHENOL	1	790	U	790	120
91-57-6	2-METHYLNAPHTHALENE	1	790	U	790	120
90-12-0	1-METHYLNAPHTHALENE	1	790	U	790	120
77-47-4	HEXACHLOROCYCLOPENTADIENE	1	790	U	790	120
88-06-2	2,4,6-TRICHLOROPHENOL	1	790	U	790	120
95-95-4	2,4,5-TRICHLOROPHENOL	1	790	U	790	120
91-58-7	2-CHLORONAPHTHALENE	1	790	U	790	120
88-74-4	2-NITROANILINE	1	1600	U	1600	120
131-11-3	DIMETHYL PHTHALATE	1	790	U	790	120
606-20-2	2,6-DINITROTOLUENE	1	790	U	790	120
208-96-8	ACENAPHTHYLENE	1	790	U	790	120
99-09-2	3-NITROANILINE	1	1600	U	1600	120
83-32-9	ACENAPHTHENE	1	790	U	790	120
51-28-5	2,4-DINITROPHENOL	1	1600	U	1600	470
100-02-7	4-NITROPHENOL	1	1600	U	1600	120
132-64-9	DIBENZOFURAN	1	790	U	790	120
121-14-2	2,4-DINITROTOLUENE	1	790	U	790	120
84-66-2	DIETHYL PHTHALATE	1	790	U	790	120
86-73-7	FLUORENE	1	790	U	790	120
7005-72-3	4-CHLOROPHENYL PHENYL ETHER	1	790	U	790	120
100-01-6	4-NITROANILINE	1	1600	U	1600	120
103-33-3	AZOBENZENE	1	790	U	790	120
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1	3200	U	3200	710
86-30-6	N-NITROSODIPHENYLAMINE	1	790	U	790	120
101-55-3	4-BROMOPHENYL PHENYL ETHER	1	790	U	790	120
118-74-1	HEXACHLOROBENZENE	1	790	U	790	170

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2202436

Client Name: Tetra Tech

ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-02-01
Lab ID: 2202436-1

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 16.8
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 06-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2784

Analyst: Tyler Knaebel
Sample Aliquot: 15.21 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
58-90-2	2,3,4,6-TETRACHLOROPHENOL	1	790	U	790	190
87-86-5	PENTACHLOROPHENOL	1	3200	U	3200	120
85-01-8	PHENANTHRENE	1	790	U	790	120
120-12-7	ANTHRACENE	1	790	U	790	120
86-74-8	CARBAZOLE	1	790	U	790	120
84-74-2	DI-N-BUTYL PHTHALATE	1	790	U	790	120
206-44-0	FLUORANTHENE	1	790	U	790	120
129-00-0	PYRENE	1	790	U	790	120
85-68-7	BUTYL BENZYL PHTHALATE	1	790	U	790	120
56-55-3	BENZO(A)ANTHRACENE	1	790	U	790	120
91-94-1	3,3'-DICHLOROBENZIDINE	1	790	U	790	120
218-01-9	CHRYSENE	1	790	U	790	120
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	1	250	JB	1200	120
117-84-0	DI-N-OCTYL PHTHALATE	1	1200	U	1200	120
205-99-2	BENZO(B)FLUORANTHENE	1	790	U	790	120
207-08-9	BENZO(K)FLUORANTHENE	1	790	U	790	120
50-32-8	BENZO(A)PYRENE	1	790	U	790	120
193-39-5	INDENO(1,2,3-CD)PYRENE	1	790	U	790	170
53-70-3	DIBENZO(A,H)ANTHRACENE	1	790	U	790	120
191-24-2	BENZO(G,H,I)PERYLENE	1	790	U	790	120

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-02-01
Lab ID: 2202436-1

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 16.8
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 06-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2784

Analyst: Tyler Knaebel
Sample Aliquot: 15.21 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	1180	*	5920	20	25 - 127
321-60-8	2-FLUOROBIPHENYL	841	*	3950	21	34 - 120
367-12-4	2-FLUOROPHENOL	1340	*	5920	23	38 - 120
4165-60-0	NITROBENZENE-D5	843	*	3950	21	31 - 120
4165-62-2	PHENOL-D5	1360	*	5920	23	45 - 120
1718-51-0	TERPHENYL-D14	875	*	3950	22	39 - 120

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2202436

Client Name: Tetra Tech

ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-03-01
Lab ID: 2202436-2

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 19.4
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 07-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2796

Analyst: Tyler Knaebel
Sample Aliquot: 15.02 g
Final Volume: 5 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
110-86-1	PYRIDINE	1	12000	U	12000	2500
62-75-9	N-NITROSODIMETHYLAMINE	1	4100	U	4100	870
62-53-3	ANILINE	1	4100	U	4100	620
108-95-2	PHENOL	1	4100	U	4100	620
111-44-4	BIS(2-CHLOROETHYL)ETHER	1	4100	U	4100	620
95-57-8	2-CHLOROPHENOL	1	4100	U	4100	620
541-73-1	1,3-DICHLOROBENZENE	1	4100	U	4100	620
106-46-7	1,4-DICHLOROBENZENE	1	4100	U	4100	620
95-50-1	1,2-DICHLOROBENZENE	1	4100	U	4100	620
100-51-6	BENZYL ALCOHOL	1	4100	U	4100	620
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	1	4100	U	4100	740
95-48-7	2-METHYLPHENOL	1	4100	U	4100	620
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	1	4100	U	4100	620
108-39-4	3+4-METHYLPHENOL	1	4100	U	4100	620
67-72-1	HEXACHLOROETHANE	1	4100	U	4100	620
98-95-3	NITROBENZENE	1	4100	U	4100	620
78-59-1	ISOPHORONE	1	4100	U	4100	620
88-75-5	2-NITROPHENOL	1	4100	U	4100	620
105-67-9	2,4-DIMETHYLPHENOL	1	4100	U	4100	620
111-91-1	BIS(2-CHLOROETHOXY)METHANE	1	4100	U	4100	620
120-83-2	2,4-DICHLOROPHENOL	1	4100	U	4100	620
65-85-0	BENZOIC ACID	1	21000	U	21000	4300
120-82-1	1,2,4-TRICHLOROBENZENE	1	4100	U	4100	620
91-20-3	NAPHTHALENE	1	4100	U	4100	620
106-47-8	4-CHLOROANILINE	1	4100	U	4100	620
87-68-3	HEXACHLOROBUTADIENE	1	4100	U	4100	620

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2202436

Client Name: Tetra Tech

ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-03-01
Lab ID: 2202436-2

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 19.4
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 07-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2796

Analyst: Tyler Knaebel
Sample Aliquot: 15.02 g
Final Volume: 5 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
59-50-7	4-CHLORO-3-METHYLPHENOL	1	4100	U	4100	620
91-57-6	2-METHYLNAPHTHALENE	1	4100	U	4100	620
90-12-0	1-METHYLNAPHTHALENE	1	4100	U	4100	620
77-47-4	HEXACHLOROCYCLOPENTADIENE	1	4100	U	4100	620
88-06-2	2,4,6-TRICHLOROPHENOL	1	4100	U	4100	620
95-95-4	2,4,5-TRICHLOROPHENOL	1	4100	U	4100	620
91-58-7	2-CHLORONAPHTHALENE	1	4100	U	4100	620
88-74-4	2-NITROANILINE	1	8300	U	8300	620
131-11-3	DIMETHYL PHTHALATE	1	4100	U	4100	620
606-20-2	2,6-DINITROTOLUENE	1	4100	U	4100	620
208-96-8	ACENAPHTHYLENE	1	4100	U	4100	620
99-09-2	3-NITROANILINE	1	8300	U	8300	620
83-32-9	ACENAPHTHENE	1	4100	U	4100	620
51-28-5	2,4-DINITROPHENOL	1	8300	U	8300	2500
100-02-7	4-NITROPHENOL	1	8300	U	8300	620
132-64-9	DIBENZOFURAN	1	4100	U	4100	620
121-14-2	2,4-DINITROTOLUENE	1	4100	U	4100	620
84-66-2	DIETHYL PHTHALATE	1	4100	U	4100	620
86-73-7	FLUORENE	1	4100	U	4100	620
7005-72-3	4-CHLOROPHENYL PHENYL ETHER	1	4100	U	4100	620
100-01-6	4-NITROANILINE	1	8300	U	8300	620
103-33-3	AZOBENZENE	1	4100	U	4100	620
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1	17000	U	17000	3700
86-30-6	N-NITROSODIPHENYLAMINE	1	4100	U	4100	620
101-55-3	4-BROMOPHENYL PHENYL ETHER	1	4100	U	4100	620
118-74-1	HEXACHLOROBENZENE	1	4100	U	4100	870

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-03-01
Lab ID: 2202436-2

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 19.4
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 07-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2796

Analyst: Tyler Knaebel
Sample Aliquot: 15.02 g
Final Volume: 5 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
58-90-2	2,3,4,6-TETRACHLOROPHENOL	1	4100	U	4100	990
87-86-5	PENTACHLOROPHENOL	1	17000	U	17000	620
85-01-8	PHENANTHRENE	1	4100	U	4100	620
120-12-7	ANTHRACENE	1	4100	U	4100	620
86-74-8	CARBAZOLE	1	4100	U	4100	620
84-74-2	DI-N-BUTYL PHTHALATE	1	4100	U	4100	620
206-44-0	FLUORANTHENE	1	4100	U	4100	620
129-00-0	PYRENE	1	4100	U	4100	620
85-68-7	BUTYL BENZYL PHTHALATE	1	4100	U	4100	620
56-55-3	BENZO(A)ANTHRACENE	1	4100	U	4100	620
91-94-1	3,3'-DICHLOROBENZIDINE	1	4100	U	4100	620
218-01-9	CHRYSENE	1	4100	U	4100	620
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	1	6200	U	6200	620
117-84-0	DI-N-OCTYL PHTHALATE	1	6200	U	6200	620
205-99-2	BENZO(B)FLUORANTHENE	1	4100	U	4100	620
207-08-9	BENZO(K)FLUORANTHENE	1	4100	U	4100	620
50-32-8	BENZO(A)PYRENE	1	4100	U	4100	620
193-39-5	INDENO(1,2,3-CD)PYRENE	1	4100	U	4100	870
53-70-3	DIBENZO(A,H)ANTHRACENE	1	4100	U	4100	620
191-24-2	BENZO(G,H,I)PERYLENE	1	4100	U	4100	620

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-03-01
Lab ID: 2202436-2

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 19.4
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 07-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2796

Analyst: Tyler Knaebel
Sample Aliquot: 15.02 g
Final Volume: 5 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	2690		6190	43	25 - 127
321-60-8	2-FLUOROBIPHENYL	1930		4130	47	34 - 120
367-12-4	2-FLUOROPHENOL	2370		6190	38	38 - 120
4165-60-0	NITROBENZENE-D5	1830		4130	44	31 - 120
4165-62-2	PHENOL-D5	2480	*	6190	40	45 - 120
1718-51-0	TERPHENYL-D14	1900		4130	46	39 - 120

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2202436

Client Name: Tetra Tech

ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-03-02
Lab ID: 2202436-3

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 21.8
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 07-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2797

Analyst: Tyler Knaebel
Sample Aliquot: 15.17 g
Final Volume: 5 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
110-86-1	PYRIDINE	1	13000	U	13000	2500
62-75-9	N-NITROSODIMETHYLAMINE	1	4200	U	4200	880
62-53-3	ANILINE	1	4200	U	4200	630
108-95-2	PHENOL	1	4200	U	4200	630
111-44-4	BIS(2-CHLOROETHYL)ETHER	1	4200	U	4200	630
95-57-8	2-CHLOROPHENOL	1	4200	U	4200	630
541-73-1	1,3-DICHLOROBENZENE	1	4200	U	4200	630
106-46-7	1,4-DICHLOROBENZENE	1	4200	U	4200	630
95-50-1	1,2-DICHLOROBENZENE	1	4200	U	4200	630
100-51-6	BENZYL ALCOHOL	1	4200	U	4200	630
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	1	4200	U	4200	760
95-48-7	2-METHYLPHENOL	1	4200	U	4200	630
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	1	4200	U	4200	630
108-39-4	3+4-METHYLPHENOL	1	4200	U	4200	630
67-72-1	HEXACHLOROETHANE	1	4200	U	4200	630
98-95-3	NITROBENZENE	1	4200	U	4200	630
78-59-1	ISOPHORONE	1	4200	U	4200	630
88-75-5	2-NITROPHENOL	1	4200	U	4200	630
105-67-9	2,4-DIMETHYLPHENOL	1	4200	U	4200	630
111-91-1	BIS(2-CHLOROETHOXY)METHANE	1	4200	U	4200	630
120-83-2	2,4-DICHLOROPHENOL	1	4200	U	4200	630
65-85-0	BENZOIC ACID	1	21000	U	21000	4400
120-82-1	1,2,4-TRICHLOROBENZENE	1	4200	U	4200	630
91-20-3	NAPHTHALENE	1	4200	U	4200	630
106-47-8	4-CHLOROANILINE	1	4200	U	4200	630
87-68-3	HEXACHLOROBUTADIENE	1	4200	U	4200	630

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2202436

Client Name: Tetra Tech

ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-03-02
Lab ID: 2202436-3

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 21.8
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 07-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2797

Analyst: Tyler Knaebel
Sample Aliquot: 15.17 g
Final Volume: 5 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
59-50-7	4-CHLORO-3-METHYLPHENOL	1	4200	U	4200	630
91-57-6	2-METHYLNAPHTHALENE	1	4200	U	4200	630
90-12-0	1-METHYLNAPHTHALENE	1	4200	U	4200	630
77-47-4	HEXACHLOROCYCLOPENTADIENE	1	4200	U	4200	630
88-06-2	2,4,6-TRICHLOROPHENOL	1	4200	U	4200	630
95-95-4	2,4,5-TRICHLOROPHENOL	1	4200	U	4200	630
91-58-7	2-CHLORONAPHTHALENE	1	4200	U	4200	630
88-74-4	2-NITROANILINE	1	8400	U	8400	630
131-11-3	DIMETHYL PHTHALATE	1	4200	U	4200	630
606-20-2	2,6-DINITROTOLUENE	1	4200	U	4200	630
208-96-8	ACENAPHTHYLENE	1	4200	U	4200	630
99-09-2	3-NITROANILINE	1	8400	U	8400	630
83-32-9	ACENAPHTHENE	1	4200	U	4200	630
51-28-5	2,4-DINITROPHENOL	1	8400	U	8400	2500
100-02-7	4-NITROPHENOL	1	8400	U	8400	630
132-64-9	DIBENZOFURAN	1	4200	U	4200	630
121-14-2	2,4-DINITROTOLUENE	1	4200	U	4200	630
84-66-2	DIETHYL PHTHALATE	1	4200	U	4200	630
86-73-7	FLUORENE	1	4200	U	4200	630
7005-72-3	4-CHLOROPHENYL PHENYL ETHER	1	4200	U	4200	630
100-01-6	4-NITROANILINE	1	8400	U	8400	630
103-33-3	AZOBENZENE	1	4200	U	4200	630
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1	17000	U	17000	3800
86-30-6	N-NITROSODIPHENYLAMINE	1	4200	U	4200	630
101-55-3	4-BROMOPHENYL PHENYL ETHER	1	4200	U	4200	630
118-74-1	HEXACHLOROBENZENE	1	4200	U	4200	880

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-03-02
Lab ID: 2202436-3

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 21.8
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 07-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2797

Analyst: Tyler Knaebel
Sample Aliquot: 15.17 g
Final Volume: 5 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
58-90-2	2,3,4,6-TETRACHLOROPHENOL	1	4200	U	4200	1000
87-86-5	PENTACHLOROPHENOL	1	17000	U	17000	630
85-01-8	PHENANTHRENE	1	4200	U	4200	630
120-12-7	ANTHRACENE	1	4200	U	4200	630
86-74-8	CARBAZOLE	1	4200	U	4200	630
84-74-2	DI-N-BUTYL PHTHALATE	1	4200	U	4200	630
206-44-0	FLUORANTHENE	1	4200	U	4200	630
129-00-0	PYRENE	1	4200	U	4200	630
85-68-7	BUTYL BENZYL PHTHALATE	1	4200	U	4200	630
56-55-3	BENZO(A)ANTHRACENE	1	4200	U	4200	630
91-94-1	3,3'-DICHLOROBENZIDINE	1	4200	U	4200	630
218-01-9	CHRYSENE	1	4200	U	4200	630
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	1	6300	U	6300	630
117-84-0	DI-N-OCTYL PHTHALATE	1	6300	U	6300	630
205-99-2	BENZO(B)FLUORANTHENE	1	4200	U	4200	630
207-08-9	BENZO(K)FLUORANTHENE	1	4200	U	4200	630
50-32-8	BENZO(A)PYRENE	1	4200	U	4200	630
193-39-5	INDENO(1,2,3-CD)PYRENE	1	4200	U	4200	880
53-70-3	DIBENZO(A,H)ANTHRACENE	1	4200	U	4200	630
191-24-2	BENZO(G,H,I)PERYLENE	1	4200	U	4200	630

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-03-02
Lab ID: 2202436-3

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 21.8
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 07-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2797

Analyst: Tyler Knaebel
Sample Aliquot: 15.17 g
Final Volume: 5 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	2690		6320	43	25 - 127
321-60-8	2-FLUOROBIPHENYL	1980		4210	47	34 - 120
367-12-4	2-FLUOROPHENOL	2450		6320	39	38 - 120
4165-60-0	NITROBENZENE-D5	1990		4210	47	31 - 120
4165-62-2	PHENOL-D5	2430	*	6320	38	45 - 120
1718-51-0	TERPHENYL-D14	1990		4210	47	39 - 120

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-03-03
Lab ID: 2202436-4

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 21.0
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 07-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2798

Analyst: Tyler Knaebel
Sample Aliquot: 15.36 g
Final Volume: 5 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
110-86-1	PYRIDINE	1	12000	U	12000	2500
62-75-9	N-NITROSODIMETHYLAMINE	1	4100	U	4100	870
62-53-3	ANILINE	1	4100	U	4100	620
108-95-2	PHENOL	1	4100	U	4100	620
111-44-4	BIS(2-CHLOROETHYL)ETHER	1	4100	U	4100	620
95-57-8	2-CHLOROPHENOL	1	4100	U	4100	620
541-73-1	1,3-DICHLOROBENZENE	1	4100	U	4100	620
106-46-7	1,4-DICHLOROBENZENE	1	4100	U	4100	620
95-50-1	1,2-DICHLOROBENZENE	1	4100	U	4100	620
100-51-6	BENZYL ALCOHOL	1	4100	U	4100	620
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	1	4100	U	4100	740
95-48-7	2-METHYLPHENOL	1	4100	U	4100	620
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	1	4100	U	4100	620
108-39-4	3+4-METHYLPHENOL	1	4100	U	4100	620
67-72-1	HEXACHLOROETHANE	1	4100	U	4100	620
98-95-3	NITROBENZENE	1	4100	U	4100	620
78-59-1	ISOPHORONE	1	4100	U	4100	620
88-75-5	2-NITROPHENOL	1	4100	U	4100	620
105-67-9	2,4-DIMETHYLPHENOL	1	4100	U	4100	620
111-91-1	BIS(2-CHLOROETHOXY)METHANE	1	4100	U	4100	620
120-83-2	2,4-DICHLOROPHENOL	1	4100	U	4100	620
65-85-0	BENZOIC ACID	1	21000	U	21000	4300
120-82-1	1,2,4-TRICHLOROBENZENE	1	4100	U	4100	620
91-20-3	NAPHTHALENE	1	4100	U	4100	620
106-47-8	4-CHLOROANILINE	1	4100	U	4100	620
87-68-3	HEXACHLOROBUTADIENE	1	4100	U	4100	620

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-03-03
Lab ID: 2202436-4

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 21.0
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 07-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2798

Analyst: Tyler Knaebel
Sample Aliquot: 15.36 g
Final Volume: 5 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
59-50-7	4-CHLORO-3-METHYLPHENOL	1	4100	U	4100	620
91-57-6	2-METHYLNAPHTHALENE	1	4100	U	4100	620
90-12-0	1-METHYLNAPHTHALENE	1	4100	U	4100	620
77-47-4	HEXACHLOROCYCLOPENTADIENE	1	4100	U	4100	620
88-06-2	2,4,6-TRICHLOROPHENOL	1	4100	U	4100	620
95-95-4	2,4,5-TRICHLOROPHENOL	1	4100	U	4100	620
91-58-7	2-CHLORONAPHTHALENE	1	4100	U	4100	620
88-74-4	2-NITROANILINE	1	8200	U	8200	620
131-11-3	DIMETHYL PHTHALATE	1	4100	U	4100	620
606-20-2	2,6-DINITROTOLUENE	1	4100	U	4100	620
208-96-8	ACENAPHTHYLENE	1	4100	U	4100	620
99-09-2	3-NITROANILINE	1	8200	U	8200	620
83-32-9	ACENAPHTHENE	1	4100	U	4100	620
51-28-5	2,4-DINITROPHENOL	1	8200	U	8200	2500
100-02-7	4-NITROPHENOL	1	8200	U	8200	620
132-64-9	DIBENZOFURAN	1	4100	U	4100	620
121-14-2	2,4-DINITROTOLUENE	1	4100	U	4100	620
84-66-2	DIETHYL PHTHALATE	1	4100	U	4100	620
86-73-7	FLUORENE	1	4100	U	4100	620
7005-72-3	4-CHLOROPHENYL PHENYL ETHER	1	4100	U	4100	620
100-01-6	4-NITROANILINE	1	8200	U	8200	620
103-33-3	AZOBENZENE	1	4100	U	4100	620
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1	16000	U	16000	3700
86-30-6	N-NITROSODIPHENYLAMINE	1	4100	U	4100	620
101-55-3	4-BROMOPHENYL PHENYL ETHER	1	4100	U	4100	620
118-74-1	HEXACHLOROBENZENE	1	4100	U	4100	870

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-03-03
Lab ID: 2202436-4

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 21.0
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 07-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2798

Analyst: Tyler Knaebel
Sample Aliquot: 15.36 g
Final Volume: 5 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
58-90-2	2,3,4,6-TETRACHLOROPHENOL	1	4100	U	4100	990
87-86-5	PENTACHLOROPHENOL	1	16000	U	16000	620
85-01-8	PHENANTHRENE	1	4100	U	4100	620
120-12-7	ANTHRACENE	1	4100	U	4100	620
86-74-8	CARBAZOLE	1	4100	U	4100	620
84-74-2	DI-N-BUTYL PHTHALATE	1	4100	U	4100	620
206-44-0	FLUORANTHENE	1	4100	U	4100	620
129-00-0	PYRENE	1	4100	U	4100	620
85-68-7	BUTYL BENZYL PHTHALATE	1	4100	U	4100	620
56-55-3	BENZO(A)ANTHRACENE	1	4100	U	4100	620
91-94-1	3,3'-DICHLOROBENZIDINE	1	4100	U	4100	620
218-01-9	CHRYSENE	1	4100	U	4100	620
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	1	6200	U	6200	620
117-84-0	DI-N-OCTYL PHTHALATE	1	6200	U	6200	620
205-99-2	BENZO(B)FLUORANTHENE	1	4100	U	4100	620
207-08-9	BENZO(K)FLUORANTHENE	1	4100	U	4100	620
50-32-8	BENZO(A)PYRENE	1	4100	U	4100	620
193-39-5	INDENO(1,2,3-CD)PYRENE	1	4100	U	4100	870
53-70-3	DIBENZO(A,H)ANTHRACENE	1	4100	U	4100	620
191-24-2	BENZO(G,H,I)PERYLENE	1	4100	U	4100	620

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-03-03
Lab ID: 2202436-4

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 21.0
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 07-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2798

Analyst: Tyler Knaebel
Sample Aliquot: 15.36 g
Final Volume: 5 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	1900		6180	31	25 - 127
321-60-8	2-FLUOROBIPHENYL	1390		4120	34	34 - 120
367-12-4	2-FLUOROPHENOL	1810	*	6180	29	38 - 120
4165-60-0	NITROBENZENE-D5	1420		4120	34	31 - 120
4165-62-2	PHENOL-D5	474	*	6180	8	45 - 120
1718-51-0	TERPHENYL-D14	1400	*	4120	34	39 - 120

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2202436

Client Name: Tetra Tech

ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-03-04
Lab ID: 2202436-5

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 8.8
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 07-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220307-444
Cleanup: NONE
Basis: Dry Weight
File Name: SV2817

Analyst: Tyler Knaebel
Sample Aliquot: 5.5g
Final Volume: 5ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
110-86-1	PYRIDINE	2	60000	U	60000	12000
62-75-9	N-NITROSODIMETHYLAMINE	2	20000	U	20000	4200
62-53-3	ANILINE	2	20000	U	20000	3000
108-95-2	PHENOL	2	20000	U	20000	3000
111-44-4	BIS(2-CHLOROETHYL)ETHER	2	20000	U	20000	3000
95-57-8	2-CHLOROPHENOL	2	20000	U	20000	3000
541-73-1	1,3-DICHLOROBENZENE	2	20000	U	20000	3000
106-46-7	1,4-DICHLOROBENZENE	2	20000	U	20000	3000
95-50-1	1,2-DICHLOROBENZENE	2	20000	U	20000	3000
100-51-6	BENZYL ALCOHOL	2	20000	U	20000	3000
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	2	20000	U	20000	3600
95-48-7	2-METHYLPHENOL	2	20000	U	20000	3000
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	2	20000	U	20000	3000
108-39-4	3+4-METHYLPHENOL	2	20000	U	20000	3000
67-72-1	HEXACHLOROETHANE	2	20000	U	20000	3000
98-95-3	NITROBENZENE	2	20000	U	20000	3000
78-59-1	ISOPHORONE	2	20000	U	20000	3000
88-75-5	2-NITROPHENOL	2	20000	U	20000	3000
105-67-9	2,4-DIMETHYLPHENOL	2	20000	U	20000	3000
111-91-1	BIS(2-CHLOROETHOXY)METHANE	2	20000	U	20000	3000
120-83-2	2,4-DICHLOROPHENOL	2	20000	U	20000	3000
65-85-0	BENZOIC ACID	2	100000	U	100000	21000
120-82-1	1,2,4-TRICHLOROBENZENE	2	20000	U	20000	3000
91-20-3	NAPHTHALENE	2	20000	U	20000	3000
106-47-8	4-CHLOROANILINE	2	20000	U	20000	3000
87-68-3	HEXACHLOROBUTADIENE	2	20000	U	20000	3000

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-03-04
Lab ID: 2202436-5

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 8.8
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 07-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220307-444
Cleanup: NONE
Basis: Dry Weight
File Name: SV2817

Analyst: Tyler Knaebel
Sample Aliquot: 5.5g
Final Volume: 5ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
59-50-7	4-CHLORO-3-METHYLPHENOL	2	20000	U	20000	3000
91-57-6	2-METHYLNAPHTHALENE	2	20000	U	20000	3000
90-12-0	1-METHYLNAPHTHALENE	2	20000	U	20000	3000
77-47-4	HEXACHLOROCYCLOPENTADIENE	2	20000	U	20000	3000
88-06-2	2,4,6-TRICHLOROPHENOL	2	20000	U	20000	3000
95-95-4	2,4,5-TRICHLOROPHENOL	2	20000	U	20000	3000
91-58-7	2-CHLORONAPHTHALENE	2	20000	U	20000	3000
88-74-4	2-NITROANILINE	2	40000	U	40000	3000
131-11-3	DIMETHYL PHTHALATE	2	20000	U	20000	3000
606-20-2	2,6-DINITROTOLUENE	2	20000	U	20000	3000
208-96-8	ACENAPHTHYLENE	2	20000	U	20000	3000
99-09-2	3-NITROANILINE	2	40000	U	40000	3000
83-32-9	ACENAPHTHENE	2	20000	U	20000	3000
51-28-5	2,4-DINITROPHENOL	2	40000	U	40000	12000
100-02-7	4-NITROPHENOL	2	40000	U	40000	3000
132-64-9	DIBENZOFURAN	2	20000	U	20000	3000
121-14-2	2,4-DINITROTOLUENE	2	20000	U	20000	3000
84-66-2	DIETHYL PHTHALATE	2	20000	U	20000	3000
86-73-7	FLUORENE	2	20000	U	20000	3000
7005-72-3	4-CHLOROPHENYL PHENYL ETHER	2	20000	U	20000	3000
100-01-6	4-NITROANILINE	2	40000	U	40000	3000
103-33-3	AZOBENZENE	2	20000	U	20000	3000
534-52-1	4,6-DINITRO-2-METHYLPHENOL	2	80000	U	80000	18000
86-30-6	N-NITROSODIPHENYLAMINE	2	20000	U	20000	3000
101-55-3	4-BROMOPHENYL PHENYL ETHER	2	20000	U	20000	3000
118-74-1	HEXACHLOROBENZENE	2	20000	U	20000	4200

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-03-04
Lab ID: 2202436-5

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 8.8
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 07-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220307-444
Cleanup: NONE
Basis: Dry Weight
File Name: SV2817

Analyst: Tyler Knaebel
Sample Aliquot: 5.5g
Final Volume: 5ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
58-90-2	2,3,4,6-TETRACHLOROPHENOL	2	20000	U	20000	4800
87-86-5	PENTACHLOROPHENOL	2	80000	U	80000	3000
85-01-8	PHENANTHRENE	2	20000	U	20000	3000
120-12-7	ANTHRACENE	2	20000	U	20000	3000
86-74-8	CARBAZOLE	2	20000	U	20000	3000
84-74-2	DI-N-BUTYL PHTHALATE	2	20000	U	20000	3000
206-44-0	FLUORANTHENE	2	20000	U	20000	3000
129-00-0	PYRENE	2	20000	U	20000	3000
85-68-7	BUTYL BENZYL PHTHALATE	2	20000	U	20000	3000
56-55-3	BENZO(A)ANTHRACENE	2	20000	U	20000	3000
91-94-1	3,3'-DICHLOROBENZIDINE	2	20000	U	20000	3000
218-01-9	CHRYSENE	2	20000	U	20000	3000
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	2	30000	U	30000	3000
117-84-0	DI-N-OCTYL PHTHALATE	2	30000	U	30000	3000
205-99-2	BENZO(B)FLUORANTHENE	2	20000	U	20000	3000
207-08-9	BENZO(K)FLUORANTHENE	2	20000	U	20000	3000
50-32-8	BENZO(A)PYRENE	2	20000	U	20000	3000
193-39-5	INDENO(1,2,3-CD)PYRENE	2	20000	U	20000	4200
53-70-3	DIBENZO(A,H)ANTHRACENE	2	20000	U	20000	3000
191-24-2	BENZO(G,H,I)PERYLENE	2	20000	U	20000	3000

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-03-04
Lab ID: 2202436-5

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 8.8
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 07-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220307-444
Cleanup: NONE
Basis: Dry Weight
File Name: SV2817

Analyst: Tyler Knaebel
Sample Aliquot: 5.5g
Final Volume: 5ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	9030		15000	60	25 - 127
321-60-8	2-FLUOROBIPHENYL	6400		9970	64	34 - 120
367-12-4	2-FLUOROPHENOL	7350		15000	49	38 - 120
4165-60-0	NITROBENZENE-D5	6270		9970	63	31 - 120
4165-62-2	PHENOL-D5	7450		15000	50	45 - 120
1718-51-0	TERPHENYL-D14	6630		9970	67	39 - 120

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-03-05
Lab ID: 2202436-6

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 15.6
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 07-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220307-444
Cleanup: NONE
Basis: Dry Weight
File Name: SV2818

Analyst: Tyler Knaebel
Sample Aliquot: 5.35 g
Final Volume: 5 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
110-86-1	PYRIDINE	2	66000	U	66000	13000
62-75-9	N-NITROSODIMETHYLAMINE	2	22000	U	22000	4600
62-53-3	ANILINE	2	22000	U	22000	3300
108-95-2	PHENOL	2	22000	U	22000	3300
111-44-4	BIS(2-CHLOROETHYL)ETHER	2	22000	U	22000	3300
95-57-8	2-CHLOROPHENOL	2	22000	U	22000	3300
541-73-1	1,3-DICHLOROBENZENE	2	22000	U	22000	3300
106-46-7	1,4-DICHLOROBENZENE	2	22000	U	22000	3300
95-50-1	1,2-DICHLOROBENZENE	2	22000	U	22000	3300
100-51-6	BENZYL ALCOHOL	2	22000	U	22000	3300
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	2	22000	U	22000	4000
95-48-7	2-METHYLPHENOL	2	22000	U	22000	3300
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	2	22000	U	22000	3300
108-39-4	3+4-METHYLPHENOL	2	22000	U	22000	3300
67-72-1	HEXACHLOROETHANE	2	22000	U	22000	3300
98-95-3	NITROBENZENE	2	22000	U	22000	3300
78-59-1	ISOPHORONE	2	22000	U	22000	3300
88-75-5	2-NITROPHENOL	2	22000	U	22000	3300
105-67-9	2,4-DIMETHYLPHENOL	2	22000	U	22000	3300
111-91-1	BIS(2-CHLOROETHOXY)METHANE	2	22000	U	22000	3300
120-83-2	2,4-DICHLOROPHENOL	2	22000	U	22000	3300
65-85-0	BENZOIC ACID	2	110000	U	110000	23000
120-82-1	1,2,4-TRICHLOROBENZENE	2	22000	U	22000	3300
91-20-3	NAPHTHALENE	2	22000	U	22000	3300
106-47-8	4-CHLOROANILINE	2	22000	U	22000	3300
87-68-3	HEXACHLOROBUTADIENE	2	22000	U	22000	3300

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-03-05
Lab ID: 2202436-6

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 15.6
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 07-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220307-444
Cleanup: NONE
Basis: Dry Weight
File Name: SV2818

Analyst: Tyler Knaebel
Sample Aliquot: 5.35 g
Final Volume: 5 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
59-50-7	4-CHLORO-3-METHYLPHENOL	2	22000	U	22000	3300
91-57-6	2-METHYLNAPHTHALENE	2	22000	U	22000	3300
90-12-0	1-METHYLNAPHTHALENE	2	22000	U	22000	3300
77-47-4	HEXACHLOROCYCLOPENTADIENE	2	22000	U	22000	3300
88-06-2	2,4,6-TRICHLOROPHENOL	2	22000	U	22000	3300
95-95-4	2,4,5-TRICHLOROPHENOL	2	22000	U	22000	3300
91-58-7	2-CHLORONAPHTHALENE	2	22000	U	22000	3300
88-74-4	2-NITROANILINE	2	44000	U	44000	3300
131-11-3	DIMETHYL PHTHALATE	2	22000	U	22000	3300
606-20-2	2,6-DINITROTOLUENE	2	22000	U	22000	3300
208-96-8	ACENAPHTHYLENE	2	22000	U	22000	3300
99-09-2	3-NITROANILINE	2	44000	U	44000	3300
83-32-9	ACENAPHTHENE	2	22000	U	22000	3300
51-28-5	2,4-DINITROPHENOL	2	44000	U	44000	13000
100-02-7	4-NITROPHENOL	2	44000	U	44000	3300
132-64-9	DIBENZOFURAN	2	22000	U	22000	3300
121-14-2	2,4-DINITROTOLUENE	2	22000	U	22000	3300
84-66-2	DIETHYL PHTHALATE	2	22000	U	22000	3300
86-73-7	FLUORENE	2	22000	U	22000	3300
7005-72-3	4-CHLOROPHENYL PHENYL ETHER	2	22000	U	22000	3300
100-01-6	4-NITROANILINE	2	44000	U	44000	3300
103-33-3	AZOBENZENE	2	22000	U	22000	3300
534-52-1	4,6-DINITRO-2-METHYLPHENOL	2	89000	U	89000	20000
86-30-6	N-NITROSODIPHENYLAMINE	2	22000	U	22000	3300
101-55-3	4-BROMOPHENYL PHENYL ETHER	2	22000	U	22000	3300
118-74-1	HEXACHLOROBENZENE	2	22000	U	22000	4600

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-03-05
Lab ID: 2202436-6

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 15.6
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 07-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220307-444
Cleanup: NONE
Basis: Dry Weight
File Name: SV2818

Analyst: Tyler Knaebel
Sample Aliquot: 5.35 g
Final Volume: 5 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
58-90-2	2,3,4,6-TETRACHLOROPHENOL	2	22000	U	22000	5300
87-86-5	PENTACHLOROPHENOL	2	89000	U	89000	3300
85-01-8	PHENANTHRENE	2	22000	U	22000	3300
120-12-7	ANTHRACENE	2	22000	U	22000	3300
86-74-8	CARBAZOLE	2	22000	U	22000	3300
84-74-2	DI-N-BUTYL PHTHALATE	2	22000	U	22000	3300
206-44-0	FLUORANTHENE	2	22000	U	22000	3300
129-00-0	PYRENE	2	22000	U	22000	3300
85-68-7	BUTYL BENZYL PHTHALATE	2	22000	U	22000	3300
56-55-3	BENZO(A)ANTHRACENE	2	22000	U	22000	3300
91-94-1	3,3'-DICHLOROBENZIDINE	2	22000	U	22000	3300
218-01-9	CHRYSENE	2	22000	U	22000	3300
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	2	33000	U	33000	3300
117-84-0	DI-N-OCTYL PHTHALATE	2	33000	U	33000	3300
205-99-2	BENZO(B)FLUORANTHENE	2	22000	U	22000	3300
207-08-9	BENZO(K)FLUORANTHENE	2	22000	U	22000	3300
50-32-8	BENZO(A)PYRENE	2	22000	U	22000	3300
193-39-5	INDENO(1,2,3-CD)PYRENE	2	22000	U	22000	4600
53-70-3	DIBENZO(A,H)ANTHRACENE	2	22000	U	22000	3300
191-24-2	BENZO(G,H,I)PERYLENE	2	22000	U	22000	3300

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-03-05
Lab ID: 2202436-6

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 15.6
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 07-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220307-444
Cleanup: NONE
Basis: Dry Weight
File Name: SV2818

Analyst: Tyler Knaebel
Sample Aliquot: 5.35g
Final Volume: 5ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	12800		16600	77	25 - 127
321-60-8	2-FLUOROBIPHENYL	7870		11100	71	34 - 120
367-12-4	2-FLUOROPHENOL	11400		16600	69	38 - 120
4165-60-0	NITROBENZENE-D5	7750		11100	70	31 - 120
4165-62-2	PHENOL-D5	11300		16600	68	45 - 120
1718-51-0	TERPHENYL-D14	8250		11100	75	39 - 120

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2202436

Client Name: Tetra Tech

ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-03-06
Lab ID: 2202436-7

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 18.3
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 07-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2799

Analyst: Tyler Knaebel
Sample Aliquot: 15.42 g
Final Volume: 5 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
110-86-1	PYRIDINE	1	12000	U	12000	2400
62-75-9	N-NITROSODIMETHYLAMINE	1	4000	U	4000	830
62-53-3	ANILINE	1	4000	U	4000	600
108-95-2	PHENOL	1	4000	U	4000	600
111-44-4	BIS(2-CHLOROETHYL)ETHER	1	4000	U	4000	600
95-57-8	2-CHLOROPHENOL	1	4000	U	4000	600
541-73-1	1,3-DICHLOROBENZENE	1	4000	U	4000	600
106-46-7	1,4-DICHLOROBENZENE	1	4000	U	4000	600
95-50-1	1,2-DICHLOROBENZENE	1	4000	U	4000	600
100-51-6	BENZYL ALCOHOL	1	4000	U	4000	600
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	1	4000	U	4000	710
95-48-7	2-METHYLPHENOL	1	4000	U	4000	600
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	1	4000	U	4000	600
108-39-4	3+4-METHYLPHENOL	1	4000	U	4000	600
67-72-1	HEXACHLOROETHANE	1	4000	U	4000	600
98-95-3	NITROBENZENE	1	4000	U	4000	600
78-59-1	ISOPHORONE	1	4000	U	4000	600
88-75-5	2-NITROPHENOL	1	4000	U	4000	600
105-67-9	2,4-DIMETHYLPHENOL	1	4000	U	4000	600
111-91-1	BIS(2-CHLOROETHOXY)METHANE	1	4000	U	4000	600
120-83-2	2,4-DICHLOROPHENOL	1	4000	U	4000	600
65-85-0	BENZOIC ACID	1	20000	U	20000	4200
120-82-1	1,2,4-TRICHLOROBENZENE	1	4000	U	4000	600
91-20-3	NAPHTHALENE	1	4000	U	4000	600
106-47-8	4-CHLOROANILINE	1	4000	U	4000	600
87-68-3	HEXACHLOROBUTADIENE	1	4000	U	4000	600

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2202436

Client Name: Tetra Tech

ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-03-06
Lab ID: 2202436-7

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 18.3
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 07-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2799

Analyst: Tyler Knaebel
Sample Aliquot: 15.42 g
Final Volume: 5 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
59-50-7	4-CHLORO-3-METHYLPHENOL	1	4000	U	4000	600
91-57-6	2-METHYLNAPHTHALENE	1	4000	U	4000	600
90-12-0	1-METHYLNAPHTHALENE	1	4000	U	4000	600
77-47-4	HEXACHLOROCYCLOPENTADIENE	1	4000	U	4000	600
88-06-2	2,4,6-TRICHLOROPHENOL	1	4000	U	4000	600
95-95-4	2,4,5-TRICHLOROPHENOL	1	4000	U	4000	600
91-58-7	2-CHLORONAPHTHALENE	1	4000	U	4000	600
88-74-4	2-NITROANILINE	1	7900	U	7900	600
131-11-3	DIMETHYL PHTHALATE	1	4000	U	4000	600
606-20-2	2,6-DINITROTOLUENE	1	4000	U	4000	600
208-96-8	ACENAPHTHYLENE	1	4000	U	4000	600
99-09-2	3-NITROANILINE	1	7900	U	7900	600
83-32-9	ACENAPHTHENE	1	4000	U	4000	600
51-28-5	2,4-DINITROPHENOL	1	7900	U	7900	2400
100-02-7	4-NITROPHENOL	1	7900	U	7900	600
132-64-9	DIBENZOFURAN	1	4000	U	4000	600
121-14-2	2,4-DINITROTOLUENE	1	4000	U	4000	600
84-66-2	DIETHYL PHTHALATE	1	4000	U	4000	600
86-73-7	FLUORENE	1	4000	U	4000	600
7005-72-3	4-CHLOROPHENYL PHENYL ETHER	1	4000	U	4000	600
100-01-6	4-NITROANILINE	1	7900	U	7900	600
103-33-3	AZOBENZENE	1	4000	U	4000	600
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1	16000	U	16000	3600
86-30-6	N-NITROSODIPHENYLAMINE	1	4000	U	4000	600
101-55-3	4-BROMOPHENYL PHENYL ETHER	1	4000	U	4000	600
118-74-1	HEXACHLOROBENZENE	1	4000	U	4000	830

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-03-06
Lab ID: 2202436-7

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 18.3
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 07-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2799

Analyst: Tyler Knaebel
Sample Aliquot: 15.42 g
Final Volume: 5 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
58-90-2	2,3,4,6-TETRACHLOROPHENOL	1	4000	U	4000	950
87-86-5	PENTACHLOROPHENOL	1	16000	U	16000	600
85-01-8	PHENANTHRENE	1	4000	U	4000	600
120-12-7	ANTHRACENE	1	4000	U	4000	600
86-74-8	CARBAZOLE	1	4000	U	4000	600
84-74-2	DI-N-BUTYL PHTHALATE	1	4000	U	4000	600
206-44-0	FLUORANTHENE	1	4000	U	4000	600
129-00-0	PYRENE	1	4000	U	4000	600
85-68-7	BUTYL BENZYL PHTHALATE	1	4000	U	4000	600
56-55-3	BENZO(A)ANTHRACENE	1	4000	U	4000	600
91-94-1	3,3'-DICHLOROBENZIDINE	1	4000	U	4000	600
218-01-9	CHRYSENE	1	4000	U	4000	600
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	1	6000	U	6000	600
117-84-0	DI-N-OCTYL PHTHALATE	1	6000	U	6000	600
205-99-2	BENZO(B)FLUORANTHENE	1	4000	U	4000	600
207-08-9	BENZO(K)FLUORANTHENE	1	4000	U	4000	600
50-32-8	BENZO(A)PYRENE	1	4000	U	4000	600
193-39-5	INDENO(1,2,3-CD)PYRENE	1	4000	U	4000	830
53-70-3	DIBENZO(A,H)ANTHRACENE	1	4000	U	4000	600
191-24-2	BENZO(G,H,I)PERYLENE	1	4000	U	4000	600

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-03-06
Lab ID: 2202436-7

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 18.3
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 07-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2799

Analyst: Tyler Knaebel
Sample Aliquot: 15.42 g
Final Volume: 5 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	1200	*	5950	20	25 - 127
321-60-8	2-FLUOROBIPHENYL	891	*	3970	22	34 - 120
367-12-4	2-FLUOROPHENOL	1120	*	5950	19	38 - 120
4165-60-0	NITROBENZENE-D5	943	*	3970	24	31 - 120
4165-62-2	PHENOL-D5	1110	*	5950	19	45 - 120
1718-51-0	TERPHENYL-D14	905	*	3970	23	39 - 120

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2202436

Client Name: Tetra Tech

ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-03-07
Lab ID: 2202436-8

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 15.8
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 07-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2800

Analyst: Tyler Knaebel
Sample Aliquot: 15.51 g
Final Volume: 5 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
110-86-1	PYRIDINE	1	11000	U	11000	2300
62-75-9	N-NITROSODIMETHYLAMINE	1	3800	U	3800	800
62-53-3	ANILINE	1	3800	U	3800	570
108-95-2	PHENOL	1	3800	U	3800	570
111-44-4	BIS(2-CHLOROETHYL)ETHER	1	3800	U	3800	570
95-57-8	2-CHLOROPHENOL	1	3800	U	3800	570
541-73-1	1,3-DICHLOROBENZENE	1	3800	U	3800	570
106-46-7	1,4-DICHLOROBENZENE	1	3800	U	3800	570
95-50-1	1,2-DICHLOROBENZENE	1	3800	U	3800	570
100-51-6	BENZYL ALCOHOL	1	3800	U	3800	570
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	1	3800	U	3800	690
95-48-7	2-METHYLPHENOL	1	3800	U	3800	570
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	1	3800	U	3800	570
108-39-4	3+4-METHYLPHENOL	1	3800	U	3800	570
67-72-1	HEXACHLOROETHANE	1	3800	U	3800	570
98-95-3	NITROBENZENE	1	3800	U	3800	570
78-59-1	ISOPHORONE	1	3800	U	3800	570
88-75-5	2-NITROPHENOL	1	3800	U	3800	570
105-67-9	2,4-DIMETHYLPHENOL	1	3800	U	3800	570
111-91-1	BIS(2-CHLOROETHOXY)METHANE	1	3800	U	3800	570
120-83-2	2,4-DICHLOROPHENOL	1	3800	U	3800	570
65-85-0	BENZOIC ACID	1	19000	U	19000	4000
120-82-1	1,2,4-TRICHLOROBENZENE	1	3800	U	3800	570
91-20-3	NAPHTHALENE	1	3800	U	3800	570
106-47-8	4-CHLOROANILINE	1	3800	U	3800	570
87-68-3	HEXACHLOROBUTADIENE	1	3800	U	3800	570

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2202436

Client Name: Tetra Tech

ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-03-07
Lab ID: 2202436-8

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 15.8
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 07-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2800

Analyst: Tyler Knaebel
Sample Aliquot: 15.51 g
Final Volume: 5 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
59-50-7	4-CHLORO-3-METHYLPHENOL	1	3800	U	3800	570
91-57-6	2-METHYLNAPHTHALENE	1	3800	U	3800	570
90-12-0	1-METHYLNAPHTHALENE	1	3800	U	3800	570
77-47-4	HEXACHLOROCYCLOPENTADIENE	1	3800	U	3800	570
88-06-2	2,4,6-TRICHLOROPHENOL	1	3800	U	3800	570
95-95-4	2,4,5-TRICHLOROPHENOL	1	3800	U	3800	570
91-58-7	2-CHLORONAPHTHALENE	1	3800	U	3800	570
88-74-4	2-NITROANILINE	1	7700	U	7700	570
131-11-3	DIMETHYL PHTHALATE	1	3800	U	3800	570
606-20-2	2,6-DINITROTOLUENE	1	3800	U	3800	570
208-96-8	ACENAPHTHYLENE	1	3800	U	3800	570
99-09-2	3-NITROANILINE	1	7700	U	7700	570
83-32-9	ACENAPHTHENE	1	3800	U	3800	570
51-28-5	2,4-DINITROPHENOL	1	7700	U	7700	2300
100-02-7	4-NITROPHENOL	1	7700	U	7700	570
132-64-9	DIBENZOFURAN	1	3800	U	3800	570
121-14-2	2,4-DINITROTOLUENE	1	3800	U	3800	570
84-66-2	DIETHYL PHTHALATE	1	3800	U	3800	570
86-73-7	FLUORENE	1	3800	U	3800	570
7005-72-3	4-CHLOROPHENYL PHENYL ETHER	1	3800	U	3800	570
100-01-6	4-NITROANILINE	1	7700	U	7700	570
103-33-3	AZOBENZENE	1	3800	U	3800	570
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1	15000	U	15000	3400
86-30-6	N-NITROSODIPHENYLAMINE	1	3800	U	3800	570
101-55-3	4-BROMOPHENYL PHENYL ETHER	1	3800	U	3800	570
118-74-1	HEXACHLOROBENZENE	1	3800	U	3800	800

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-03-07
Lab ID: 2202436-8

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 15.8
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 07-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2800

Analyst: Tyler Knaebel
Sample Aliquot: 15.51 g
Final Volume: 5 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
58-90-2	2,3,4,6-TETRACHLOROPHENOL	1	3800	U	3800	920
87-86-5	PENTACHLOROPHENOL	1	15000	U	15000	570
85-01-8	PHENANTHRENE	1	3800	U	3800	570
120-12-7	ANTHRACENE	1	3800	U	3800	570
86-74-8	CARBAZOLE	1	3800	U	3800	570
84-74-2	DI-N-BUTYL PHTHALATE	1	3800	U	3800	570
206-44-0	FLUORANTHENE	1	3800	U	3800	570
129-00-0	PYRENE	1	3800	U	3800	570
85-68-7	BUTYL BENZYL PHTHALATE	1	3800	U	3800	570
56-55-3	BENZO(A)ANTHRACENE	1	3800	U	3800	570
91-94-1	3,3'-DICHLOROBENZIDINE	1	3800	U	3800	570
218-01-9	CHRYSENE	1	3800	U	3800	570
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	1	5700	U	5700	570
117-84-0	DI-N-OCTYL PHTHALATE	1	5700	U	5700	570
205-99-2	BENZO(B)FLUORANTHENE	1	3800	U	3800	570
207-08-9	BENZO(K)FLUORANTHENE	1	3800	U	3800	570
50-32-8	BENZO(A)PYRENE	1	3800	U	3800	570
193-39-5	INDENO(1,2,3-CD)PYRENE	1	3800	U	3800	800
53-70-3	DIBENZO(A,H)ANTHRACENE	1	3800	U	3800	570
191-24-2	BENZO(G,H,I)PERYLENE	1	3800	U	3800	570

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-03-07
Lab ID: 2202436-8

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 15.8
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 07-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2800

Analyst: Tyler Knaebel
Sample Aliquot: 15.51 g
Final Volume: 5 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	1280	*	5740	22	25 - 127
321-60-8	2-FLUOROBIPHENYL	900	*	3830	24	34 - 120
367-12-4	2-FLUOROPHENOL	1240	*	5740	22	38 - 120
4165-60-0	NITROBENZENE-D5	936	*	3830	24	31 - 120
4165-62-2	PHENOL-D5	1270	*	5740	22	45 - 120
1718-51-0	TERPHENYL-D14	916	*	3830	24	39 - 120

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-09-08
Lab ID: 2202436-9

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 14.0
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 06-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2787

Analyst: Tyler Knaebel
Sample Aliquot: 15.7 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
110-86-1	PYRIDINE	1	2200	U	2200	440
62-75-9	N-NITROSODIMETHYLAMINE	1	740	U	740	160
62-53-3	ANILINE	1	740	U	740	110
108-95-2	PHENOL	1	740	U	740	110
111-44-4	BIS(2-CHLOROETHYL)ETHER	1	740	U	740	110
95-57-8	2-CHLOROPHENOL	1	740	U	740	110
541-73-1	1,3-DICHLOROBENZENE	1	740	U	740	110
106-46-7	1,4-DICHLOROBENZENE	1	740	U	740	110
95-50-1	1,2-DICHLOROBENZENE	1	740	U	740	110
100-51-6	BENZYL ALCOHOL	1	740	U	740	110
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	1	740	U	740	130
95-48-7	2-METHYLPHENOL	1	740	U	740	110
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	1	740	U	740	110
108-39-4	3+4-METHYLPHENOL	1	740	U	740	110
67-72-1	HEXACHLOROETHANE	1	740	U	740	110
98-95-3	NITROBENZENE	1	740	U	740	110
78-59-1	ISOPHORONE	1	740	U	740	110
88-75-5	2-NITROPHENOL	1	740	U	740	110
105-67-9	2,4-DIMETHYLPHENOL	1	740	U	740	110
111-91-1	BIS(2-CHLOROETHOXY)METHANE	1	740	U	740	110
120-83-2	2,4-DICHLOROPHENOL	1	740	U	740	110
65-85-0	BENZOIC ACID	1	3700	U	3700	780
120-82-1	1,2,4-TRICHLOROBENZENE	1	740	U	740	110
91-20-3	NAPHTHALENE	1	740	U	740	110
106-47-8	4-CHLOROANILINE	1	740	U	740	110
87-68-3	HEXACHLOROBUTADIENE	1	740	U	740	110

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-09-08
Lab ID: 2202436-9

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 14.0
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 06-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2787

Analyst: Tyler Knaebel
Sample Aliquot: 15.7 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
59-50-7	4-CHLORO-3-METHYLPHENOL	1	740	U	740	110
91-57-6	2-METHYLNAPHTHALENE	1	740	U	740	110
90-12-0	1-METHYLNAPHTHALENE	1	740	U	740	110
77-47-4	HEXACHLOROCYCLOPENTADIENE	1	740	U	740	110
88-06-2	2,4,6-TRICHLOROPHENOL	1	740	U	740	110
95-95-4	2,4,5-TRICHLOROPHENOL	1	740	U	740	110
91-58-7	2-CHLORONAPHTHALENE	1	740	U	740	110
88-74-4	2-NITROANILINE	1	1500	U	1500	110
131-11-3	DIMETHYL PHTHALATE	1	740	U	740	110
606-20-2	2,6-DINITROTOLUENE	1	740	U	740	110
208-96-8	ACENAPHTHYLENE	1	740	U	740	110
99-09-2	3-NITROANILINE	1	1500	U	1500	110
83-32-9	ACENAPHTHENE	1	740	U	740	110
51-28-5	2,4-DINITROPHENOL	1	1500	U	1500	440
100-02-7	4-NITROPHENOL	1	1500	U	1500	110
132-64-9	DIBENZOFURAN	1	740	U	740	110
121-14-2	2,4-DINITROTOLUENE	1	740	U	740	110
84-66-2	DIETHYL PHTHALATE	1	740	U	740	110
86-73-7	FLUORENE	1	740	U	740	110
7005-72-3	4-CHLOROPHENYL PHENYL ETHER	1	740	U	740	110
100-01-6	4-NITROANILINE	1	1500	U	1500	110
103-33-3	AZOBENZENE	1	740	U	740	110
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1	3000	U	3000	670
86-30-6	N-NITROSODIPHENYLAMINE	1	740	U	740	110
101-55-3	4-BROMOPHENYL PHENYL ETHER	1	740	U	740	110
118-74-1	HEXACHLOROBENZENE	1	740	U	740	160

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-09-08
Lab ID: 2202436-9

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 14.0
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 06-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2787

Analyst: Tyler Knaebel
Sample Aliquot: 15.7 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
58-90-2	2,3,4,6-TETRACHLOROPHENOL	1	740	U	740	180
87-86-5	PENTACHLOROPHENOL	1	3000	U	3000	110
85-01-8	PHENANTHRENE	1	740	U	740	110
120-12-7	ANTHRACENE	1	740	U	740	110
86-74-8	CARBAZOLE	1	740	U	740	110
84-74-2	DI-N-BUTYL PHTHALATE	1	740	U	740	110
206-44-0	FLUORANTHENE	1	740	U	740	110
129-00-0	PYRENE	1	740	U	740	110
85-68-7	BUTYL BENZYL PHTHALATE	1	740	U	740	110
56-55-3	BENZO(A)ANTHRACENE	1	740	U	740	110
91-94-1	3,3'-DICHLOROBENZIDINE	1	740	U	740	110
218-01-9	CHRYSENE	1	740	U	740	110
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	1	260	JB	1100	110
117-84-0	DI-N-OCTYL PHTHALATE	1	1100	U	1100	110
205-99-2	BENZO(B)FLUORANTHENE	1	740	U	740	110
207-08-9	BENZO(K)FLUORANTHENE	1	740	U	740	110
50-32-8	BENZO(A)PYRENE	1	740	U	740	110
193-39-5	INDENO(1,2,3-CD)PYRENE	1	740	U	740	160
53-70-3	DIBENZO(A,H)ANTHRACENE	1	740	U	740	110
191-24-2	BENZO(G,H,I)PERYLENE	1	740	U	740	110

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-09-08
Lab ID: 2202436-9

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 14.0
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 06-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2787

Analyst: Tyler Knaebel
Sample Aliquot: 15.7 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	2230		5550	40	25 - 127
321-60-8	2-FLUOROBIPHENYL	1380		3700	37	34 - 120
367-12-4	2-FLUOROPHENOL	2250		5550	41	38 - 120
4165-60-0	NITROBENZENE-D5	1420		3700	38	31 - 120
4165-62-2	PHENOL-D5	2240	*	5550	40	45 - 120
1718-51-0	TERPHENYL-D14	1460		3700	40	39 - 120

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-09-07
Lab ID: 2202436-10

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 18.8
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 07-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220307-444
Cleanup: NONE
Basis: Dry Weight
File Name: SV2813

Analyst: Tyler Knaebel
Sample Aliquot: 5.29 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
110-86-1	PYRIDINE	1	7000	U	7000	1400
62-75-9	N-NITROSODIMETHYLAMINE	1	2300	U	2300	490
62-53-3	ANILINE	1	2300	U	2300	350
108-95-2	PHENOL	1	2300	U	2300	350
111-44-4	BIS(2-CHLOROETHYL)ETHER	1	2300	U	2300	350
95-57-8	2-CHLOROPHENOL	1	2300	U	2300	350
541-73-1	1,3-DICHLOROBENZENE	1	2300	U	2300	350
106-46-7	1,4-DICHLOROBENZENE	1	2300	U	2300	350
95-50-1	1,2-DICHLOROBENZENE	1	2300	U	2300	350
100-51-6	BENZYL ALCOHOL	1	2300	U	2300	350
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	1	2300	U	2300	420
95-48-7	2-METHYLPHENOL	1	2300	U	2300	350
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	1	2300	U	2300	350
108-39-4	3+4-METHYLPHENOL	1	2300	U	2300	350
67-72-1	HEXACHLOROETHANE	1	2300	U	2300	350
98-95-3	NITROBENZENE	1	2300	U	2300	350
78-59-1	ISOPHORONE	1	2300	U	2300	350
88-75-5	2-NITROPHENOL	1	2300	U	2300	350
105-67-9	2,4-DIMETHYLPHENOL	1	2300	U	2300	350
111-91-1	BIS(2-CHLOROETHOXY)METHANE	1	2300	U	2300	350
120-83-2	2,4-DICHLOROPHENOL	1	2300	U	2300	350
65-85-0	BENZOIC ACID	1	12000	U	12000	2400
120-82-1	1,2,4-TRICHLOROBENZENE	1	2300	U	2300	350
91-20-3	NAPHTHALENE	1	2300	U	2300	350
106-47-8	4-CHLOROANILINE	1	2300	U	2300	350
87-68-3	HEXACHLOROBUTADIENE	1	2300	U	2300	350

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-09-07
Lab ID: 2202436-10

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 18.8
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 07-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220307-444
Cleanup: NONE
Basis: Dry Weight
File Name: SV2813

Analyst: Tyler Knaebel
Sample Aliquot: 5.29 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
59-50-7	4-CHLORO-3-METHYLPHENOL	1	2300	U	2300	350
91-57-6	2-METHYLNAPHTHALENE	1	2300	U	2300	350
90-12-0	1-METHYLNAPHTHALENE	1	2300	U	2300	350
77-47-4	HEXACHLOROCYCLOPENTADIENE	1	2300	U	2300	350
88-06-2	2,4,6-TRICHLOROPHENOL	1	2300	U	2300	350
95-95-4	2,4,5-TRICHLOROPHENOL	1	2300	U	2300	350
91-58-7	2-CHLORONAPHTHALENE	1	2300	U	2300	350
88-74-4	2-NITROANILINE	1	4700	U	4700	350
131-11-3	DIMETHYL PHTHALATE	1	2300	U	2300	350
606-20-2	2,6-DINITROTOLUENE	1	2300	U	2300	350
208-96-8	ACENAPHTHYLENE	1	2300	U	2300	350
99-09-2	3-NITROANILINE	1	4700	U	4700	350
83-32-9	ACENAPHTHENE	1	2300	U	2300	350
51-28-5	2,4-DINITROPHENOL	1	4700	U	4700	1400
100-02-7	4-NITROPHENOL	1	4700	U	4700	350
132-64-9	DIBENZOFURAN	1	2300	U	2300	350
121-14-2	2,4-DINITROTOLUENE	1	2300	U	2300	350
84-66-2	DIETHYL PHTHALATE	1	2300	U	2300	350
86-73-7	FLUORENE	1	2300	U	2300	350
7005-72-3	4-CHLOROPHENYL PHENYL ETHER	1	2300	U	2300	350
100-01-6	4-NITROANILINE	1	4700	U	4700	350
103-33-3	AZOBENZENE	1	2300	U	2300	350
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1	9300	U	9300	2100
86-30-6	N-NITROSODIPHENYLAMINE	1	2300	U	2300	350
101-55-3	4-BROMOPHENYL PHENYL ETHER	1	2300	U	2300	350
118-74-1	HEXACHLOROBENZENE	1	2300	U	2300	490

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-09-07
Lab ID: 2202436-10

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 18.8
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 07-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220307-444
Cleanup: NONE
Basis: Dry Weight
File Name: SV2813

Analyst: Tyler Knaebel
Sample Aliquot: 5.29 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
58-90-2	2,3,4,6-TETRACHLOROPHENOL	1	2300	U	2300	560
87-86-5	PENTACHLOROPHENOL	1	9300	U	9300	350
85-01-8	PHENANTHRENE	1	2300	U	2300	350
120-12-7	ANTHRACENE	1	2300	U	2300	350
86-74-8	CARBAZOLE	1	2300	U	2300	350
84-74-2	DI-N-BUTYL PHTHALATE	1	2300	U	2300	350
206-44-0	FLUORANTHENE	1	2300	U	2300	350
129-00-0	PYRENE	1	2300	U	2300	350
85-68-7	BUTYL BENZYL PHTHALATE	1	2300	U	2300	350
56-55-3	BENZO(A)ANTHRACENE	1	2300	U	2300	350
91-94-1	3,3'-DICHLOROBENZIDINE	1	2300	U	2300	350
218-01-9	CHRYSENE	1	2300	U	2300	350
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	1	850	J	3500	350
117-84-0	DI-N-OCTYL PHTHALATE	1	3500	U	3500	350
205-99-2	BENZO(B)FLUORANTHENE	1	2300	U	2300	350
207-08-9	BENZO(K)FLUORANTHENE	1	2300	U	2300	350
50-32-8	BENZO(A)PYRENE	1	2300	U	2300	350
193-39-5	INDENO(1,2,3-CD)PYRENE	1	2300	U	2300	490
53-70-3	DIBENZO(A,H)ANTHRACENE	1	2300	U	2300	350
191-24-2	BENZO(G,H,I)PERYLENE	1	2300	U	2300	350

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-09-07
Lab ID: 2202436-10

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 18.8
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 07-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220307-444
Cleanup: NONE
Basis: Dry Weight
File Name: SV2813

Analyst: Tyler Knaebel
Sample Aliquot: 5.29 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	14200		17500	81	25 - 127
321-60-8	2-FLUOROBIPHENYL	9020		11600	77	34 - 120
367-12-4	2-FLUOROPHENOL	13700		17500	78	38 - 120
4165-60-0	NITROBENZENE-D5	8470		11600	73	31 - 120
4165-62-2	PHENOL-D5	14600		17500	83	45 - 120
1718-51-0	TERPHENYL-D14	9540		11600	82	39 - 120

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2202436

Client Name: Tetra Tech

ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-09-09
Lab ID: 2202436-11

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 15.5
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 06-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2788

Analyst: Tyler Knaebel
Sample Aliquot: 15.17 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
110-86-1	PYRIDINE	1	2300	U	2300	470
62-75-9	N-NITROSODIMETHYLAMINE	1	780	U	780	160
62-53-3	ANILINE	1	780	U	780	120
108-95-2	PHENOL	1	780	U	780	120
111-44-4	BIS(2-CHLOROETHYL)ETHER	1	780	U	780	120
95-57-8	2-CHLOROPHENOL	1	780	U	780	120
541-73-1	1,3-DICHLOROBENZENE	1	780	U	780	120
106-46-7	1,4-DICHLOROBENZENE	1	780	U	780	120
95-50-1	1,2-DICHLOROBENZENE	1	780	U	780	120
100-51-6	BENZYL ALCOHOL	1	780	U	780	120
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	1	780	U	780	140
95-48-7	2-METHYLPHENOL	1	780	U	780	120
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	1	780	U	780	120
108-39-4	3+4-METHYLPHENOL	1	780	U	780	120
67-72-1	HEXACHLOROETHANE	1	780	U	780	120
98-95-3	NITROBENZENE	1	780	U	780	120
78-59-1	ISOPHORONE	1	780	U	780	120
88-75-5	2-NITROPHENOL	1	780	U	780	120
105-67-9	2,4-DIMETHYLPHENOL	1	780	U	780	120
111-91-1	BIS(2-CHLOROETHOXY)METHANE	1	780	U	780	120
120-83-2	2,4-DICHLOROPHENOL	1	780	U	780	120
65-85-0	BENZOIC ACID	1	3900	U	3900	820
120-82-1	1,2,4-TRICHLOROBENZENE	1	780	U	780	120
91-20-3	NAPHTHALENE	1	780	U	780	120
106-47-8	4-CHLOROANILINE	1	780	U	780	120
87-68-3	HEXACHLOROBUTADIENE	1	780	U	780	120

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-09-09
Lab ID: 2202436-11

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 15.5
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 06-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2788

Analyst: Tyler Knaebel
Sample Aliquot: 15.17 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
59-50-7	4-CHLORO-3-METHYLPHENOL	1	780	U	780	120
91-57-6	2-METHYLNAPHTHALENE	1	240	J	780	120
90-12-0	1-METHYLNAPHTHALENE	1	340	J	780	120
77-47-4	HEXACHLOROCYCLOPENTADIENE	1	780	U	780	120
88-06-2	2,4,6-TRICHLOROPHENOL	1	780	U	780	120
95-95-4	2,4,5-TRICHLOROPHENOL	1	780	U	780	120
91-58-7	2-CHLORONAPHTHALENE	1	780	U	780	120
88-74-4	2-NITROANILINE	1	1600	U	1600	120
131-11-3	DIMETHYL PHTHALATE	1	780	U	780	120
606-20-2	2,6-DINITROTOLUENE	1	780	U	780	120
208-96-8	ACENAPHTHYLENE	1	780	U	780	120
99-09-2	3-NITROANILINE	1	1600	U	1600	120
83-32-9	ACENAPHTHENE	1	780	U	780	120
51-28-5	2,4-DINITROPHENOL	1	1600	U	1600	470
100-02-7	4-NITROPHENOL	1	1600	U	1600	120
132-64-9	DIBENZOFURAN	1	780	U	780	120
121-14-2	2,4-DINITROTOLUENE	1	780	U	780	120
84-66-2	DIETHYL PHTHALATE	1	780	U	780	120
86-73-7	FLUORENE	1	780	U	780	120
7005-72-3	4-CHLOROPHENYL PHENYL ETHER	1	780	U	780	120
100-01-6	4-NITROANILINE	1	1600	U	1600	120
103-33-3	AZOBENZENE	1	780	U	780	120
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1	3100	U	3100	700
86-30-6	N-NITROSODIPHENYLAMINE	1	780	U	780	120
101-55-3	4-BROMOPHENYL PHENYL ETHER	1	780	U	780	120
118-74-1	HEXACHLOROBENZENE	1	780	U	780	160

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2202436

Client Name: Tetra Tech

ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-09-09
Lab ID: 2202436-11

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 15.5
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 06-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2788

Analyst: Tyler Knaebel
Sample Aliquot: 15.17 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
58-90-2	2,3,4,6-TETRACHLOROPHENOL	1	780	U	780	190
87-86-5	PENTACHLOROPHENOL	1	3100	U	3100	120
85-01-8	PHENANTHRENE	1	780	U	780	120
120-12-7	ANTHRACENE	1	780	U	780	120
86-74-8	CARBAZOLE	1	780	U	780	120
84-74-2	DI-N-BUTYL PHTHALATE	1	780	U	780	120
206-44-0	FLUORANTHENE	1	780	U	780	120
129-00-0	PYRENE	1	780	U	780	120
85-68-7	BUTYL BENZYL PHTHALATE	1	780	U	780	120
56-55-3	BENZO(A)ANTHRACENE	1	780	U	780	120
91-94-1	3,3'-DICHLOROBENZIDINE	1	780	U	780	120
218-01-9	CHRYSENE	1	780	U	780	120
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	1	260	JB	1200	120
117-84-0	DI-N-OCTYL PHTHALATE	1	1200	U	1200	120
205-99-2	BENZO(B)FLUORANTHENE	1	780	U	780	120
207-08-9	BENZO(K)FLUORANTHENE	1	780	U	780	120
50-32-8	BENZO(A)PYRENE	1	780	U	780	120
193-39-5	INDENO(1,2,3-CD)PYRENE	1	780	U	780	160
53-70-3	DIBENZO(A,H)ANTHRACENE	1	780	U	780	120
191-24-2	BENZO(G,H,I)PERYLENE	1	780	U	780	120

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-09-09
Lab ID: 2202436-11

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 15.5
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 06-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2788

Analyst: Tyler Knaebel
Sample Aliquot: 15.17 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	1960		5850	34	25 - 127
321-60-8	2-FLUOROBIPHENYL	1220	*	3900	31	34 - 120
367-12-4	2-FLUOROPHENOL	1940	*	5850	33	38 - 120
4165-60-0	NITROBENZENE-D5	1260		3900	32	31 - 120
4165-62-2	PHENOL-D5	1970	*	5850	34	45 - 120
1718-51-0	TERPHENYL-D14	1270	*	3900	33	39 - 120

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2202436

Client Name: Tetra Tech

ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-09-02
Lab ID: 2202436-12

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 9.7
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 06-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2789

Analyst: Tyler Knaebel
Sample Aliquot: 15.24 g
Final Volume: 5 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
110-86-1	PYRIDINE	1	11000	U	11000	2200
62-75-9	N-NITROSODIMETHYLAMINE	1	3600	U	3600	760
62-53-3	ANILINE	1	3600	U	3600	550
108-95-2	PHENOL	1	3600	U	3600	550
111-44-4	BIS(2-CHLOROETHYL)ETHER	1	3600	U	3600	550
95-57-8	2-CHLOROPHENOL	1	3600	U	3600	550
541-73-1	1,3-DICHLOROBENZENE	1	3600	U	3600	550
106-46-7	1,4-DICHLOROBENZENE	1	3600	U	3600	550
95-50-1	1,2-DICHLOROBENZENE	1	3600	U	3600	550
100-51-6	BENZYL ALCOHOL	1	3600	U	3600	550
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	1	3600	U	3600	650
95-48-7	2-METHYLPHENOL	1	3600	U	3600	550
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	1	3600	U	3600	550
108-39-4	3+4-METHYLPHENOL	1	3600	U	3600	550
67-72-1	HEXACHLOROETHANE	1	3600	U	3600	550
98-95-3	NITROBENZENE	1	3600	U	3600	550
78-59-1	ISOPHORONE	1	3600	U	3600	550
88-75-5	2-NITROPHENOL	1	3600	U	3600	550
105-67-9	2,4-DIMETHYLPHENOL	1	3600	U	3600	550
111-91-1	BIS(2-CHLOROETHOXY)METHANE	1	3600	U	3600	550
120-83-2	2,4-DICHLOROPHENOL	1	3600	U	3600	550
65-85-0	BENZOIC ACID	1	18000	U	18000	3800
120-82-1	1,2,4-TRICHLOROBENZENE	1	3600	U	3600	550
91-20-3	NAPHTHALENE	1	1200	J	3600	550
106-47-8	4-CHLOROANILINE	1	3600	U	3600	550
87-68-3	HEXACHLOROBUTADIENE	1	3600	U	3600	550

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2202436

Client Name: Tetra Tech

ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-09-02
Lab ID: 2202436-12

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 9.7
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 06-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2789

Analyst: Tyler Knaebel
Sample Aliquot: 15.24 g
Final Volume: 5 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
59-50-7	4-CHLORO-3-METHYLPHENOL	1	3600	U	3600	550
91-57-6	2-METHYLNAPHTHALENE	1	2600	J	3600	550
90-12-0	1-METHYLNAPHTHALENE	1	3700		3600	550
77-47-4	HEXACHLOROCYCLOPENTADIENE	1	3600	U	3600	550
88-06-2	2,4,6-TRICHLOROPHENOL	1	3600	U	3600	550
95-95-4	2,4,5-TRICHLOROPHENOL	1	3600	U	3600	550
91-58-7	2-CHLORONAPHTHALENE	1	3600	U	3600	550
88-74-4	2-NITROANILINE	1	7300	U	7300	550
131-11-3	DIMETHYL PHTHALATE	1	3600	U	3600	550
606-20-2	2,6-DINITROTOLUENE	1	3600	U	3600	550
208-96-8	ACENAPHTHYLENE	1	3600	U	3600	550
99-09-2	3-NITROANILINE	1	7300	U	7300	550
83-32-9	ACENAPHTHENE	1	3600	U	3600	550
51-28-5	2,4-DINITROPHENOL	1	7300	U	7300	2200
100-02-7	4-NITROPHENOL	1	7300	U	7300	550
132-64-9	DIBENZOFURAN	1	3600	U	3600	550
121-14-2	2,4-DINITROTOLUENE	1	3600	U	3600	550
84-66-2	DIETHYL PHTHALATE	1	3600	U	3600	550
86-73-7	FLUORENE	1	3600	U	3600	550
7005-72-3	4-CHLOROPHENYL PHENYL ETHER	1	3600	U	3600	550
100-01-6	4-NITROANILINE	1	7300	U	7300	550
103-33-3	AZOBENZENE	1	3600	U	3600	550
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1	15000	U	15000	3300
86-30-6	N-NITROSODIPHENYLAMINE	1	3600	U	3600	550
101-55-3	4-BROMOPHENYL PHENYL ETHER	1	3600	U	3600	550
118-74-1	HEXACHLOROBENZENE	1	3600	U	3600	760

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-09-02
Lab ID: 2202436-12

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 9.7
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 06-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2789

Analyst: Tyler Knaebel
Sample Aliquot: 15.24 g
Final Volume: 5 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
58-90-2	2,3,4,6-TETRACHLOROPHENOL	1	3600	U	3600	870
87-86-5	PENTACHLOROPHENOL	1	15000	U	15000	550
85-01-8	PHENANTHRENE	1	1900	J	3600	550
120-12-7	ANTHRACENE	1	3600	U	3600	550
86-74-8	CARBAZOLE	1	3600	U	3600	550
84-74-2	DI-N-BUTYL PHTHALATE	1	3600	U	3600	550
206-44-0	FLUORANTHENE	1	1200	J	3600	550
129-00-0	PYRENE	1	3600	U	3600	550
85-68-7	BUTYL BENZYL PHTHALATE	1	3600	U	3600	550
56-55-3	BENZO(A)ANTHRACENE	1	3600	U	3600	550
91-94-1	3,3'-DICHLOROBENZIDINE	1	3600	U	3600	550
218-01-9	CHRYSENE	1	3600	U	3600	550
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	1	5500	U	5500	550
117-84-0	DI-N-OCTYL PHTHALATE	1	5500	U	5500	550
205-99-2	BENZO(B)FLUORANTHENE	1	3600	U	3600	550
207-08-9	BENZO(K)FLUORANTHENE	1	3600	U	3600	550
50-32-8	BENZO(A)PYRENE	1	3600	U	3600	550
193-39-5	INDENO(1,2,3-CD)PYRENE	1	3600	U	3600	760
53-70-3	DIBENZO(A,H)ANTHRACENE	1	3600	U	3600	550
191-24-2	BENZO(G,H,I)PERYLENE	1	3600	U	3600	550

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-09-02
Lab ID: 2202436-12

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 9.7
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 06-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2789

Analyst: Tyler Knaebel
Sample Aliquot: 15.24 g
Final Volume: 5 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	3610		5450	66	25 - 127
321-60-8	2-FLUOROBIPHENYL	2380		3630	66	34 - 120
367-12-4	2-FLUOROPHENOL	3590		5450	66	38 - 120
4165-60-0	NITROBENZENE-D5	2550		3630	70	31 - 120
4165-62-2	PHENOL-D5	3520		5450	65	45 - 120
1718-51-0	TERPHENYL-D14	2430		3630	67	39 - 120

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2202436

Client Name: Tetra Tech

ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-09-01
Lab ID: 2202436-13

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 17.0
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 06-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2790

Analyst: Tyler Knaebel
Sample Aliquot: 15.29 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
110-86-1	PYRIDINE	1	2400	U	2400	470
62-75-9	N-NITROSODIMETHYLAMINE	1	790	U	790	170
62-53-3	ANILINE	1	790	U	790	120
108-95-2	PHENOL	1	790	U	790	120
111-44-4	BIS(2-CHLOROETHYL)ETHER	1	790	U	790	120
95-57-8	2-CHLOROPHENOL	1	790	U	790	120
541-73-1	1,3-DICHLOROBENZENE	1	790	U	790	120
106-46-7	1,4-DICHLOROBENZENE	1	790	U	790	120
95-50-1	1,2-DICHLOROBENZENE	1	790	U	790	120
100-51-6	BENZYL ALCOHOL	1	790	U	790	120
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	1	790	U	790	140
95-48-7	2-METHYLPHENOL	1	790	U	790	120
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	1	790	U	790	120
108-39-4	3+4-METHYLPHENOL	1	790	U	790	120
67-72-1	HEXACHLOROETHANE	1	790	U	790	120
98-95-3	NITROBENZENE	1	790	U	790	120
78-59-1	ISOPHORONE	1	790	U	790	120
88-75-5	2-NITROPHENOL	1	790	U	790	120
105-67-9	2,4-DIMETHYLPHENOL	1	790	U	790	120
111-91-1	BIS(2-CHLOROETHOXY)METHANE	1	790	U	790	120
120-83-2	2,4-DICHLOROPHENOL	1	790	U	790	120
65-85-0	BENZOIC ACID	1	3900	U	3900	830
120-82-1	1,2,4-TRICHLOROBENZENE	1	790	U	790	120
91-20-3	NAPHTHALENE	1	790	U	790	120
106-47-8	4-CHLOROANILINE	1	790	U	790	120
87-68-3	HEXACHLOROBUTADIENE	1	790	U	790	120

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-09-01
Lab ID: 2202436-13

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 17.0
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 06-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2790

Analyst: Tyler Knaebel
Sample Aliquot: 15.29 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
59-50-7	4-CHLORO-3-METHYLPHENOL	1	790	U	790	120
91-57-6	2-METHYLNAPHTHALENE	1	790	U	790	120
90-12-0	1-METHYLNAPHTHALENE	1	790	U	790	120
77-47-4	HEXACHLOROCYCLOPENTADIENE	1	790	U	790	120
88-06-2	2,4,6-TRICHLOROPHENOL	1	790	U	790	120
95-95-4	2,4,5-TRICHLOROPHENOL	1	790	U	790	120
91-58-7	2-CHLORONAPHTHALENE	1	790	U	790	120
88-74-4	2-NITROANILINE	1	1600	U	1600	120
131-11-3	DIMETHYL PHTHALATE	1	790	U	790	120
606-20-2	2,6-DINITROTOLUENE	1	790	U	790	120
208-96-8	ACENAPHTHYLENE	1	790	U	790	120
99-09-2	3-NITROANILINE	1	1600	U	1600	120
83-32-9	ACENAPHTHENE	1	790	U	790	120
51-28-5	2,4-DINITROPHENOL	1	1600	U	1600	470
100-02-7	4-NITROPHENOL	1	1600	U	1600	120
132-64-9	DIBENZOFURAN	1	790	U	790	120
121-14-2	2,4-DINITROTOLUENE	1	790	U	790	120
84-66-2	DIETHYL PHTHALATE	1	790	U	790	120
86-73-7	FLUORENE	1	790	U	790	120
7005-72-3	4-CHLOROPHENYL PHENYL ETHER	1	790	U	790	120
100-01-6	4-NITROANILINE	1	1600	U	1600	120
103-33-3	AZOBENZENE	1	790	U	790	120
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1	3200	U	3200	710
86-30-6	N-NITROSODIPHENYLAMINE	1	790	U	790	120
101-55-3	4-BROMOPHENYL PHENYL ETHER	1	790	U	790	120
118-74-1	HEXACHLOROBENZENE	1	790	U	790	170

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-09-01
Lab ID: 2202436-13

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 17.0
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 06-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2790

Analyst: Tyler Knaebel
Sample Aliquot: 15.29 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
58-90-2	2,3,4,6-TETRACHLOROPHENOL	1	790	U	790	190
87-86-5	PENTACHLOROPHENOL	1	3200	U	3200	120
85-01-8	PHENANTHRENE	1	790	U	790	120
120-12-7	ANTHRACENE	1	790	U	790	120
86-74-8	CARBAZOLE	1	790	U	790	120
84-74-2	DI-N-BUTYL PHTHALATE	1	790	U	790	120
206-44-0	FLUORANTHENE	1	790	U	790	120
129-00-0	PYRENE	1	790	U	790	120
85-68-7	BUTYL BENZYL PHTHALATE	1	790	U	790	120
56-55-3	BENZO(A)ANTHRACENE	1	790	U	790	120
91-94-1	3,3'-DICHLOROBENZIDINE	1	790	U	790	120
218-01-9	CHRYSENE	1	790	U	790	120
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	1	270	JB	1200	120
117-84-0	DI-N-OCTYL PHTHALATE	1	1200	U	1200	120
205-99-2	BENZO(B)FLUORANTHENE	1	790	U	790	120
207-08-9	BENZO(K)FLUORANTHENE	1	790	U	790	120
50-32-8	BENZO(A)PYRENE	1	790	U	790	120
193-39-5	INDENO(1,2,3-CD)PYRENE	1	790	U	790	170
53-70-3	DIBENZO(A,H)ANTHRACENE	1	790	U	790	120
191-24-2	BENZO(G,H,I)PERYLENE	1	790	U	790	120

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-09-01
Lab ID: 2202436-13

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 17.0
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 06-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2790

Analyst: Tyler Knaebel
Sample Aliquot: 15.29 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	2850		5910	48	25 - 127
321-60-8	2-FLUOROBIPHENYL	1820		3940	46	34 - 120
367-12-4	2-FLUOROPHENOL	2940		5910	50	38 - 120
4165-60-0	NITROBENZENE-D5	1800		3940	46	31 - 120
4165-62-2	PHENOL-D5	2980		5910	51	45 - 120
1718-51-0	TERPHENYL-D14	1870		3940	48	39 - 120

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2202436

Client Name: Tetra Tech

ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-PS-AOI-09-10
Lab ID: 2202436-14

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 11.2
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 06-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2793

Analyst: Tyler Knaebel
Sample Aliquot: 15.16 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
110-86-1	PYRIDINE	1	2200	U	2200	450
62-75-9	N-NITROSODIMETHYLAMINE	1	740	U	740	160
62-53-3	ANILINE	1	740	U	740	110
108-95-2	PHENOL	1	740	U	740	110
111-44-4	BIS(2-CHLOROETHYL)ETHER	1	740	U	740	110
95-57-8	2-CHLOROPHENOL	1	740	U	740	110
541-73-1	1,3-DICHLOROBENZENE	1	740	U	740	110
106-46-7	1,4-DICHLOROBENZENE	1	740	U	740	110
95-50-1	1,2-DICHLOROBENZENE	1	740	U	740	110
100-51-6	BENZYL ALCOHOL	1	740	U	740	110
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	1	740	U	740	130
95-48-7	2-METHYLPHENOL	1	740	U	740	110
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	1	740	U	740	110
108-39-4	3+4-METHYLPHENOL	1	740	U	740	110
67-72-1	HEXACHLOROETHANE	1	740	U	740	110
98-95-3	NITROBENZENE	1	740	U	740	110
78-59-1	ISOPHORONE	1	740	U	740	110
88-75-5	2-NITROPHENOL	1	740	U	740	110
105-67-9	2,4-DIMETHYLPHENOL	1	740	U	740	110
111-91-1	BIS(2-CHLOROETHOXY)METHANE	1	740	U	740	110
120-83-2	2,4-DICHLOROPHENOL	1	740	U	740	110
65-85-0	BENZOIC ACID	1	3700	U	3700	780
120-82-1	1,2,4-TRICHLOROBENZENE	1	740	U	740	110
91-20-3	NAPHTHALENE	1	740	U	740	110
106-47-8	4-CHLOROANILINE	1	740	U	740	110
87-68-3	HEXACHLOROBUTADIENE	1	740	U	740	110

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2202436

Client Name: Tetra Tech

ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-PS-AOI-09-10
Lab ID: 2202436-14

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 11.2
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 06-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2793

Analyst: Tyler Knaebel
Sample Aliquot: 15.16 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
59-50-7	4-CHLORO-3-METHYLPHENOL	1	740	U	740	110
91-57-6	2-METHYLNAPHTHALENE	1	740	U	740	110
90-12-0	1-METHYLNAPHTHALENE	1	740	U	740	110
77-47-4	HEXACHLOROCYCLOPENTADIENE	1	740	U	740	110
88-06-2	2,4,6-TRICHLOROPHENOL	1	740	U	740	110
95-95-4	2,4,5-TRICHLOROPHENOL	1	740	U	740	110
91-58-7	2-CHLORONAPHTHALENE	1	740	U	740	110
88-74-4	2-NITROANILINE	1	1500	U	1500	110
131-11-3	DIMETHYL PHTHALATE	1	740	U	740	110
606-20-2	2,6-DINITROTOLUENE	1	740	U	740	110
208-96-8	ACENAPHTHYLENE	1	740	U	740	110
99-09-2	3-NITROANILINE	1	1500	U	1500	110
83-32-9	ACENAPHTHENE	1	740	U	740	110
51-28-5	2,4-DINITROPHENOL	1	1500	U	1500	450
100-02-7	4-NITROPHENOL	1	1500	U	1500	110
132-64-9	DIBENZOFURAN	1	740	U	740	110
121-14-2	2,4-DINITROTOLUENE	1	740	U	740	110
84-66-2	DIETHYL PHTHALATE	1	740	U	740	110
86-73-7	FLUORENE	1	740	U	740	110
7005-72-3	4-CHLOROPHENYL PHENYL ETHER	1	740	U	740	110
100-01-6	4-NITROANILINE	1	1500	U	1500	110
103-33-3	AZOBENZENE	1	740	U	740	110
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1	3000	U	3000	670
86-30-6	N-NITROSODIPHENYLAMINE	1	740	U	740	110
101-55-3	4-BROMOPHENYL PHENYL ETHER	1	740	U	740	110
118-74-1	HEXACHLOROBENZENE	1	740	U	740	160

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-PS-AOI-09-10
Lab ID: 2202436-14

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 11.2
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 06-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2793

Analyst: Tyler Knaebel
Sample Aliquot: 15.16 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
58-90-2	2,3,4,6-TETRACHLOROPHENOL	1	740	U	740	180
87-86-5	PENTACHLOROPHENOL	1	3000	U	3000	110
85-01-8	PHENANTHRENE	1	740	U	740	110
120-12-7	ANTHRACENE	1	740	U	740	110
86-74-8	CARBAZOLE	1	740	U	740	110
84-74-2	DI-N-BUTYL PHTHALATE	1	740	U	740	110
206-44-0	FLUORANTHENE	1	740	U	740	110
129-00-0	PYRENE	1	740	U	740	110
85-68-7	BUTYL BENZYL PHTHALATE	1	740	U	740	110
56-55-3	BENZO(A)ANTHRACENE	1	740	U	740	110
91-94-1	3,3'-DICHLOROBENZIDINE	1	740	U	740	110
218-01-9	CHRYSENE	1	740	U	740	110
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	1	220	JB	1100	110
117-84-0	DI-N-OCTYL PHTHALATE	1	1100	U	1100	110
205-99-2	BENZO(B)FLUORANTHENE	1	740	U	740	110
207-08-9	BENZO(K)FLUORANTHENE	1	740	U	740	110
50-32-8	BENZO(A)PYRENE	1	740	U	740	110
193-39-5	INDENO(1,2,3-CD)PYRENE	1	740	U	740	160
53-70-3	DIBENZO(A,H)ANTHRACENE	1	740	U	740	110
191-24-2	BENZO(G,H,I)PERYLENE	1	740	U	740	110

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-PS-AOI-09-10
Lab ID: 2202436-14

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 11.2
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 06-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2793

Analyst: Tyler Knaebel
Sample Aliquot: 15.16 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	2330		5570	42	25 - 127
321-60-8	2-FLUOROBIPHENYL	1460		3720	39	34 - 120
367-12-4	2-FLUOROPHENOL	2310		5570	41	38 - 120
4165-60-0	NITROBENZENE-D5	1430		3720	39	31 - 120
4165-62-2	PHENOL-D5	2350	*	5570	42	45 - 120
1718-51-0	TERPHENYL-D14	1500		3720	40	39 - 120

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2202436

Client Name: Tetra Tech

ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-09-04
Lab ID: 2202436-15

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 18.5
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 07-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2794

Analyst: Tyler Knaebel
Sample Aliquot: 15.54 g
Final Volume: 5 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
110-86-1	PYRIDINE	1	12000	U	12000	2400
62-75-9	N-NITROSODIMETHYLAMINE	1	3900	U	3900	830
62-53-3	ANILINE	1	3900	U	3900	590
108-95-2	PHENOL	1	3900	U	3900	590
111-44-4	BIS(2-CHLOROETHYL)ETHER	1	3900	U	3900	590
95-57-8	2-CHLOROPHENOL	1	3900	U	3900	590
541-73-1	1,3-DICHLOROBENZENE	1	3900	U	3900	590
106-46-7	1,4-DICHLOROBENZENE	1	3900	U	3900	590
95-50-1	1,2-DICHLOROBENZENE	1	3900	U	3900	590
100-51-6	BENZYL ALCOHOL	1	3900	U	3900	590
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	1	3900	U	3900	710
95-48-7	2-METHYLPHENOL	1	3900	U	3900	590
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	1	3900	U	3900	590
108-39-4	3+4-METHYLPHENOL	1	3900	U	3900	590
67-72-1	HEXACHLOROETHANE	1	3900	U	3900	590
98-95-3	NITROBENZENE	1	3900	U	3900	590
78-59-1	ISOPHORONE	1	3900	U	3900	590
88-75-5	2-NITROPHENOL	1	3900	U	3900	590
105-67-9	2,4-DIMETHYLPHENOL	1	3900	U	3900	590
111-91-1	BIS(2-CHLOROETHOXY)METHANE	1	3900	U	3900	590
120-83-2	2,4-DICHLOROPHENOL	1	3900	U	3900	590
65-85-0	BENZOIC ACID	1	20000	U	20000	4100
120-82-1	1,2,4-TRICHLOROBENZENE	1	3900	U	3900	590
91-20-3	NAPHTHALENE	1	780	U	3900	590
106-47-8	4-CHLOROANILINE	1	3900	U	3900	590
87-68-3	HEXACHLOROBUTADIENE	1	3900	U	3900	590

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-09-04
Lab ID: 2202436-15

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 18.5
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 07-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2794

Analyst: Tyler Knaebel
Sample Aliquot: 15.54 g
Final Volume: 5 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
59-50-7	4-CHLORO-3-METHYLPHENOL	1	3900	U	3900	590
91-57-6	2-METHYLNAPHTHALENE	1	1700	J	3900	590
90-12-0	1-METHYLNAPHTHALENE	1	2600	J	3900	590
77-47-4	HEXACHLOROCYCLOPENTADIENE	1	3900	U	3900	590
88-06-2	2,4,6-TRICHLOROPHENOL	1	3900	U	3900	590
95-95-4	2,4,5-TRICHLOROPHENOL	1	3900	U	3900	590
91-58-7	2-CHLORONAPHTHALENE	1	3900	U	3900	590
88-74-4	2-NITROANILINE	1	7900	U	7900	590
131-11-3	DIMETHYL PHTHALATE	1	3900	U	3900	590
606-20-2	2,6-DINITROTOLUENE	1	3900	U	3900	590
208-96-8	ACENAPHTHYLENE	1	3900	U	3900	590
99-09-2	3-NITROANILINE	1	7900	U	7900	590
83-32-9	ACENAPHTHENE	1	3900	U	3900	590
51-28-5	2,4-DINITROPHENOL	1	7900	U	7900	2400
100-02-7	4-NITROPHENOL	1	7900	U	7900	590
132-64-9	DIBENZOFURAN	1	3900	U	3900	590
121-14-2	2,4-DINITROTOLUENE	1	3900	U	3900	590
84-66-2	DIETHYL PHTHALATE	1	3900	U	3900	590
86-73-7	FLUORENE	1	3900	U	3900	590
7005-72-3	4-CHLOROPHENYL PHENYL ETHER	1	3900	U	3900	590
100-01-6	4-NITROANILINE	1	7900	U	7900	590
103-33-3	AZOBENZENE	1	3900	U	3900	590
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1	16000	U	16000	3600
86-30-6	N-NITROSODIPHENYLAMINE	1	3900	U	3900	590
101-55-3	4-BROMOPHENYL PHENYL ETHER	1	3900	U	3900	590
118-74-1	HEXACHLOROBENZENE	1	3900	U	3900	830

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-09-04
Lab ID: 2202436-15

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 18.5
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 07-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2794

Analyst: Tyler Knaebel
Sample Aliquot: 15.54 g
Final Volume: 5 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
58-90-2	2,3,4,6-TETRACHLOROPHENOL	1	3900	U	3900	950
87-86-5	PENTACHLOROPHENOL	1	16000	U	16000	590
85-01-8	PHENANTHRENE	1	1400	J	3900	590
120-12-7	ANTHRACENE	1	3900	U	3900	590
86-74-8	CARBAZOLE	1	3900	U	3900	590
84-74-2	DI-N-BUTYL PHTHALATE	1	3900	U	3900	590
206-44-0	FLUORANTHENE	1	3900	U	3900	590
129-00-0	PYRENE	1	3900	U	3900	590
85-68-7	BUTYL BENZYL PHTHALATE	1	3900	U	3900	590
56-55-3	BENZO(A)ANTHRACENE	1	3900	U	3900	590
91-94-1	3,3'-DICHLOROBENZIDINE	1	3900	U	3900	590
218-01-9	CHRYSENE	1	3900	U	3900	590
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	1	5900	U	5900	590
117-84-0	DI-N-OCTYL PHTHALATE	1	5900	U	5900	590
205-99-2	BENZO(B)FLUORANTHENE	1	3900	U	3900	590
207-08-9	BENZO(K)FLUORANTHENE	1	3900	U	3900	590
50-32-8	BENZO(A)PYRENE	1	3900	U	3900	590
193-39-5	INDENO(1,2,3-CD)PYRENE	1	3900	U	3900	830
53-70-3	DIBENZO(A,H)ANTHRACENE	1	3900	U	3900	590
191-24-2	BENZO(G,H,I)PERYLENE	1	3900	U	3900	590

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-09-04
Lab ID: 2202436-15

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 18.5
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 07-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2794

Analyst: Tyler Knaebel
Sample Aliquot: 15.54 g
Final Volume: 5 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	4800		5920	81	25 - 127
321-60-8	2-FLUOROBIPHENYL	3170		3950	80	34 - 120
367-12-4	2-FLUOROPHENOL	4910		5920	83	38 - 120
4165-60-0	NITROBENZENE-D5	3300		3950	84	31 - 120
4165-62-2	PHENOL-D5	4970		5920	84	45 - 120
1718-51-0	TERPHENYL-D14	3250		3950	82	39 - 120

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2202436

Client Name: Tetra Tech

ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-09-03
Lab ID: 2202436-16

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 17.0
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 07-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2795

Analyst: Tyler Knaebel
Sample Aliquot: 15.51 g
Final Volume: 5 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
110-86-1	PYRIDINE	1	12000	U	12000	2300
62-75-9	N-NITROSODIMETHYLAMINE	1	3900	U	3900	820
62-53-3	ANILINE	1	3900	U	3900	580
108-95-2	PHENOL	1	3900	U	3900	580
111-44-4	BIS(2-CHLOROETHYL)ETHER	1	3900	U	3900	580
95-57-8	2-CHLOROPHENOL	1	3900	U	3900	580
541-73-1	1,3-DICHLOROBENZENE	1	3900	U	3900	580
106-46-7	1,4-DICHLOROBENZENE	1	3900	U	3900	580
95-50-1	1,2-DICHLOROBENZENE	1	3900	U	3900	580
100-51-6	BENZYL ALCOHOL	1	3900	U	3900	580
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	1	3900	U	3900	700
95-48-7	2-METHYLPHENOL	1	3900	U	3900	580
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	1	3900	U	3900	580
108-39-4	3+4-METHYLPHENOL	1	3900	U	3900	580
67-72-1	HEXACHLOROETHANE	1	3900	U	3900	580
98-95-3	NITROBENZENE	1	3900	U	3900	580
78-59-1	ISOPHORONE	1	3900	U	3900	580
88-75-5	2-NITROPHENOL	1	3900	U	3900	580
105-67-9	2,4-DIMETHYLPHENOL	1	3900	U	3900	580
111-91-1	BIS(2-CHLOROETHOXY)METHANE	1	3900	U	3900	580
120-83-2	2,4-DICHLOROPHENOL	1	3900	U	3900	580
65-85-0	BENZOIC ACID	1	19000	U	19000	4100
120-82-1	1,2,4-TRICHLOROBENZENE	1	3900	U	3900	580
91-20-3	NAPHTHALENE	1	3900	U	3900	580
106-47-8	4-CHLOROANILINE	1	3900	U	3900	580
87-68-3	HEXACHLOROBUTADIENE	1	3900	U	3900	580

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-09-03
Lab ID: 2202436-16

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 17.0
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 07-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2795

Analyst: Tyler Knaebel
Sample Aliquot: 15.51 g
Final Volume: 5 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
59-50-7	4-CHLORO-3-METHYLPHENOL	1	3900	U	3900	580
91-57-6	2-METHYLNAPHTHALENE	1	3900	U	3900	580
90-12-0	1-METHYLNAPHTHALENE	1	3900	U	3900	580
77-47-4	HEXACHLOROCYCLOPENTADIENE	1	3900	U	3900	580
88-06-2	2,4,6-TRICHLOROPHENOL	1	3900	U	3900	580
95-95-4	2,4,5-TRICHLOROPHENOL	1	3900	U	3900	580
91-58-7	2-CHLORONAPHTHALENE	1	3900	U	3900	580
88-74-4	2-NITROANILINE	1	7800	U	7800	580
131-11-3	DIMETHYL PHTHALATE	1	3900	U	3900	580
606-20-2	2,6-DINITROTOLUENE	1	3900	U	3900	580
208-96-8	ACENAPHTHYLENE	1	3900	U	3900	580
99-09-2	3-NITROANILINE	1	7800	U	7800	580
83-32-9	ACENAPHTHENE	1	3900	U	3900	580
51-28-5	2,4-DINITROPHENOL	1	7800	U	7800	2300
100-02-7	4-NITROPHENOL	1	7800	U	7800	580
132-64-9	DIBENZOFURAN	1	3900	U	3900	580
121-14-2	2,4-DINITROTOLUENE	1	3900	U	3900	580
84-66-2	DIETHYL PHTHALATE	1	3900	U	3900	580
86-73-7	FLUORENE	1	3900	U	3900	580
7005-72-3	4-CHLOROPHENYL PHENYL ETHER	1	3900	U	3900	580
100-01-6	4-NITROANILINE	1	7800	U	7800	580
103-33-3	AZOBENZENE	1	3900	U	3900	580
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1	16000	U	16000	3500
86-30-6	N-NITROSODIPHENYLAMINE	1	3900	U	3900	580
101-55-3	4-BROMOPHENYL PHENYL ETHER	1	3900	U	3900	580
118-74-1	HEXACHLOROBENZENE	1	3900	U	3900	820

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-09-03
Lab ID: 2202436-16

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 17.0
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 07-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2795

Analyst: Tyler Knaebel
Sample Aliquot: 15.51 g
Final Volume: 5 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
58-90-2	2,3,4,6-TETRACHLOROPHENOL	1	3900	U	3900	930
87-86-5	PENTACHLOROPHENOL	1	16000	U	16000	580
85-01-8	PHENANTHRENE	1	3900	U	3900	580
120-12-7	ANTHRACENE	1	3900	U	3900	580
86-74-8	CARBAZOLE	1	3900	U	3900	580
84-74-2	DI-N-BUTYL PHTHALATE	1	3900	U	3900	580
206-44-0	FLUORANTHENE	1	3900	U	3900	580
129-00-0	PYRENE	1	3900	U	3900	580
85-68-7	BUTYL BENZYL PHTHALATE	1	3900	U	3900	580
56-55-3	BENZO(A)ANTHRACENE	1	3900	U	3900	580
91-94-1	3,3'-DICHLOROBENZIDINE	1	3900	U	3900	580
218-01-9	CHRYSENE	1	3900	U	3900	580
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	1	5800	U	5800	580
117-84-0	DI-N-OCTYL PHTHALATE	1	5800	U	5800	580
205-99-2	BENZO(B)FLUORANTHENE	1	3900	U	3900	580
207-08-9	BENZO(K)FLUORANTHENE	1	3900	U	3900	580
50-32-8	BENZO(A)PYRENE	1	3900	U	3900	580
193-39-5	INDENO(1,2,3-CD)PYRENE	1	3900	U	3900	820
53-70-3	DIBENZO(A,H)ANTHRACENE	1	3900	U	3900	580
191-24-2	BENZO(G,H,I)PERYLENE	1	3900	U	3900	580

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-09-03
Lab ID: 2202436-16

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 17.0
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 07-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2795

Analyst: Tyler Knaebel
Sample Aliquot: 15.51 g
Final Volume: 5 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	5380		5830	92	25 - 127
321-60-8	2-FLUOROBIPHENYL	3260		3880	84	34 - 120
367-12-4	2-FLUOROPHENOL	5140		5830	88	38 - 120
4165-60-0	NITROBENZENE-D5	3090		3880	80	31 - 120
4165-62-2	PHENOL-D5	5090		5830	87	45 - 120
1718-51-0	TERPHENYL-D14	3290		3880	85	39 - 120

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-09-06
Lab ID: 2202436-17

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 18.5
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220307-444
Cleanup: NONE
Basis: Dry Weight
File Name: SV2819

Analyst: Tyler Knaebel
Sample Aliquot: 5.49 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
110-86-1	PYRIDINE	1	6700	U	6700	1300
62-75-9	N-NITROSODIMETHYLAMINE	1	2200	U	2200	470
62-53-3	ANILINE	1	2200	U	2200	340
108-95-2	PHENOL	1	2200	U	2200	340
111-44-4	BIS(2-CHLOROETHYL)ETHER	1	2200	U	2200	340
95-57-8	2-CHLOROPHENOL	1	2200	U	2200	340
541-73-1	1,3-DICHLOROBENZENE	1	2200	U	2200	340
106-46-7	1,4-DICHLOROBENZENE	1	2200	U	2200	340
95-50-1	1,2-DICHLOROBENZENE	1	2200	U	2200	340
100-51-6	BENZYL ALCOHOL	1	2200	U	2200	340
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	1	2200	U	2200	400
95-48-7	2-METHYLPHENOL	1	2200	U	2200	340
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	1	2200	U	2200	340
108-39-4	3+4-METHYLPHENOL	1	2200	U	2200	340
67-72-1	HEXACHLOROETHANE	1	2200	U	2200	340
98-95-3	NITROBENZENE	1	2200	U	2200	340
78-59-1	ISOPHORONE	1	2200	U	2200	340
88-75-5	2-NITROPHENOL	1	2200	U	2200	340
105-67-9	2,4-DIMETHYLPHENOL	1	2200	U	2200	340
111-91-1	BIS(2-CHLOROETHOXY)METHANE	1	2200	U	2200	340
120-83-2	2,4-DICHLOROPHENOL	1	2200	U	2200	340
65-85-0	BENZOIC ACID	1	11000	U	11000	2300
120-82-1	1,2,4-TRICHLOROBENZENE	1	2200	U	2200	340
91-20-3	NAPHTHALENE	1	2200	U	2200	340
106-47-8	4-CHLOROANILINE	1	2200	U	2200	340
87-68-3	HEXACHLOROBUTADIENE	1	2200	U	2200	340

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2202436

Client Name: Tetra Tech

ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-09-06
Lab ID: 2202436-17

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 18.5
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220307-444
Cleanup: NONE
Basis: Dry Weight
File Name: SV2819

Analyst: Tyler Knaebel
Sample Aliquot: 5.49 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
59-50-7	4-CHLORO-3-METHYLPHENOL	1	2200	U	2200	340
91-57-6	2-METHYLNAPHTHALENE	1	2200	U	2200	340
90-12-0	1-METHYLNAPHTHALENE	1	5300		2200	340
77-47-4	HEXACHLOROCYCLOPENTADIENE	1	2200	U	2200	340
88-06-2	2,4,6-TRICHLOROPHENOL	1	2200	U	2200	340
95-95-4	2,4,5-TRICHLOROPHENOL	1	2200	U	2200	340
91-58-7	2-CHLORONAPHTHALENE	1	2200	U	2200	340
88-74-4	2-NITROANILINE	1	4500	U	4500	340
131-11-3	DIMETHYL PHTHALATE	1	2200	U	2200	340
606-20-2	2,6-DINITROTOLUENE	1	2200	U	2200	340
208-96-8	ACENAPHTHYLENE	1	2200	U	2200	340
99-09-2	3-NITROANILINE	1	4500	U	4500	340
83-32-9	ACENAPHTHENE	1	2200	U	2200	340
51-28-5	2,4-DINITROPHENOL	1	4500	U	4500	1300
100-02-7	4-NITROPHENOL	1	4500	U	4500	340
132-64-9	DIBENZOFURAN	1	2200	U	2200	340
121-14-2	2,4-DINITROTOLUENE	1	2200	U	2200	340
84-66-2	DIETHYL PHTHALATE	1	2200	U	2200	340
86-73-7	FLUORENE	1	2200	U	2200	340
7005-72-3	4-CHLOROPHENYL PHENYL ETHER	1	2200	U	2200	340
100-01-6	4-NITROANILINE	1	4500	U	4500	340
103-33-3	AZOBENZENE	1	2200	U	2200	340
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1	8900	U	8900	2000
86-30-6	N-NITROSODIPHENYLAMINE	1	2200	U	2200	340
101-55-3	4-BROMOPHENYL PHENYL ETHER	1	2200	U	2200	340
118-74-1	HEXACHLOROBENZENE	1	2200	U	2200	470

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-09-06
Lab ID: 2202436-17

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 18.5
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220307-444
Cleanup: NONE
Basis: Dry Weight
File Name: SV2819

Analyst: Tyler Knaebel
Sample Aliquot: 5.49 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
58-90-2	2,3,4,6-TETRACHLOROPHENOL	1	2200	U	2200	540
87-86-5	PENTACHLOROPHENOL	1	8900	U	8900	340
85-01-8	PHENANTHRENE	1	2200	U	2200	340
120-12-7	ANTHRACENE	1	2200	U	2200	340
86-74-8	CARBAZOLE	1	2200	U	2200	340
84-74-2	DI-N-BUTYL PHTHALATE	1	2200	U	2200	340
206-44-0	FLUORANTHENE	1	1400	J	2200	340
129-00-0	PYRENE	1	2200	U	2200	340
85-68-7	BUTYL BENZYL PHTHALATE	1	2200	U	2200	340
56-55-3	BENZO(A)ANTHRACENE	1	2200	U	2200	340
91-94-1	3,3'-DICHLOROBENZIDINE	1	2200	U	2200	340
218-01-9	CHRYSENE	1	2200	U	2200	340
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	1	3400	U	3400	340
117-84-0	DI-N-OCTYL PHTHALATE	1	3400	U	3400	340
205-99-2	BENZO(B)FLUORANTHENE	1	2200	U	2200	340
207-08-9	BENZO(K)FLUORANTHENE	1	2200	U	2200	340
50-32-8	BENZO(A)PYRENE	1	2200	U	2200	340
193-39-5	INDENO(1,2,3-CD)PYRENE	1	2200	U	2200	470
53-70-3	DIBENZO(A,H)ANTHRACENE	1	2200	U	2200	340
191-24-2	BENZO(G,H,I)PERYLENE	1	2200	U	2200	340

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-09-06
Lab ID: 2202436-17

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 18.5
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220307-444
Cleanup: NONE
Basis: Dry Weight
File Name: SV2819

Analyst: Tyler Knaebel
Sample Aliquot: 5.49 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	10500		16800	62	25 - 127
321-60-8	2-FLUOROBIPHENYL	6860		11200	61	34 - 120
367-12-4	2-FLUOROPHENOL	10900		16800	65	38 - 120
4165-60-0	NITROBENZENE-D5	7270		11200	65	31 - 120
4165-62-2	PHENOL-D5	10900		16800	65	45 - 120
1718-51-0	TERPHENYL-D14	7020		11200	63	39 - 120

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-09-05
Lab ID: 2202436-18

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 10.5
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2827

Analyst: Tyler Knaebel
Sample Aliquot: 5.07 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
110-86-1	PYRIDINE	1	6600	U	6600	1300
62-75-9	N-NITROSODIMETHYLAMINE	1	2200	U	2200	460
62-53-3	ANILINE	1	2200	U	2200	330
108-95-2	PHENOL	1	2200	U	2200	330
111-44-4	BIS(2-CHLOROETHYL)ETHER	1	2200	U	2200	330
95-57-8	2-CHLOROPHENOL	1	2200	U	2200	330
541-73-1	1,3-DICHLOROBENZENE	1	2200	U	2200	330
106-46-7	1,4-DICHLOROBENZENE	1	2200	U	2200	330
95-50-1	1,2-DICHLOROBENZENE	1	2200	U	2200	330
100-51-6	BENZYL ALCOHOL	1	2200	U	2200	330
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	1	2200	U	2200	400
95-48-7	2-METHYLPHENOL	1	2200	U	2200	330
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	1	2200	U	2200	330
108-39-4	3+4-METHYLPHENOL	1	2200	U	2200	330
67-72-1	HEXACHLOROETHANE	1	2200	U	2200	330
98-95-3	NITROBENZENE	1	2200	U	2200	330
78-59-1	ISOPHORONE	1	2200	U	2200	330
88-75-5	2-NITROPHENOL	1	2200	U	2200	330
105-67-9	2,4-DIMETHYLPHENOL	1	2200	U	2200	330
111-91-1	BIS(2-CHLOROETHOXY)METHANE	1	2200	U	2200	330
120-83-2	2,4-DICHLOROPHENOL	1	2200	U	2200	330
65-85-0	BENZOIC ACID	1	11000	U	11000	2300
120-82-1	1,2,4-TRICHLOROBENZENE	1	2200	U	2200	330
91-20-3	NAPHTHALENE	1	2200	U	2200	330
106-47-8	4-CHLOROANILINE	1	2200	U	2200	330
87-68-3	HEXACHLOROBUTADIENE	1	2200	U	2200	330

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-09-05
Lab ID: 2202436-18

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 10.5
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2827

Analyst: Tyler Knaebel
Sample Aliquot: 5.07 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
59-50-7	4-CHLORO-3-METHYLPHENOL	1	2200	U	2200	330
91-57-6	2-METHYLNAPHTHALENE	1	2200	U	2200	330
90-12-0	1-METHYLNAPHTHALENE	1	2200	U	2200	330
77-47-4	HEXACHLOROCYCLOPENTADIENE	1	2200	U	2200	330
88-06-2	2,4,6-TRICHLOROPHENOL	1	2200	U	2200	330
95-95-4	2,4,5-TRICHLOROPHENOL	1	2200	U	2200	330
91-58-7	2-CHLORONAPHTHALENE	1	2200	U	2200	330
88-74-4	2-NITROANILINE	1	4400	U	4400	330
131-11-3	DIMETHYL PHTHALATE	1	2200	U	2200	330
606-20-2	2,6-DINITROTOLUENE	1	2200	U	2200	330
208-96-8	ACENAPHTHYLENE	1	2200	U	2200	330
99-09-2	3-NITROANILINE	1	4400	U	4400	330
83-32-9	ACENAPHTHENE	1	2200	U	2200	330
51-28-5	2,4-DINITROPHENOL	1	4400	U	4400	1300
100-02-7	4-NITROPHENOL	1	4400	U	4400	330
132-64-9	DIBENZOFURAN	1	2200	U	2200	330
121-14-2	2,4-DINITROTOLUENE	1	2200	U	2200	330
84-66-2	DIETHYL PHTHALATE	1	2200	U	2200	330
86-73-7	FLUORENE	1	2200	U	2200	330
7005-72-3	4-CHLOROPHENYL PHENYL ETHER	1	2200	U	2200	330
100-01-6	4-NITROANILINE	1	4400	U	4400	330
103-33-3	AZOBENZENE	1	2200	U	2200	330
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1	8800	U	8800	2000
86-30-6	N-NITROSODIPHENYLAMINE	1	2200	U	2200	330
101-55-3	4-BROMOPHENYL PHENYL ETHER	1	2200	U	2200	330
118-74-1	HEXACHLOROBENZENE	1	2200	U	2200	460

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-09-05
Lab ID: 2202436-18

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 10.5
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2827

Analyst: Tyler Knaebel
Sample Aliquot: 5.07 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
58-90-2	2,3,4,6-TETRACHLOROPHENOL	1	2200	U	2200	530
87-86-5	PENTACHLOROPHENOL	1	8800	U	8800	330
85-01-8	PHENANTHRENE	1	2200	U	2200	330
120-12-7	ANTHRACENE	1	2200	U	2200	330
86-74-8	CARBAZOLE	1	2200	U	2200	330
84-74-2	DI-N-BUTYL PHTHALATE	1	2200	U	2200	330
206-44-0	FLUORANTHENE	1	2200	U	2200	330
129-00-0	PYRENE	1	2200	U	2200	330
85-68-7	BUTYL BENZYL PHTHALATE	1	2200	U	2200	330
56-55-3	BENZO(A)ANTHRACENE	1	2200	U	2200	330
91-94-1	3,3'-DICHLOROBENZIDINE	1	2200	U	2200	330
218-01-9	CHRYSENE	1	2200	U	2200	330
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	1	3300	U	3300	330
117-84-0	DI-N-OCTYL PHTHALATE	1	3300	U	3300	330
205-99-2	BENZO(B)FLUORANTHENE	1	2200	U	2200	330
207-08-9	BENZO(K)FLUORANTHENE	1	2200	U	2200	330
50-32-8	BENZO(A)PYRENE	1	2200	U	2200	330
193-39-5	INDENO(1,2,3-CD)PYRENE	1	2200	U	2200	460
53-70-3	DIBENZO(A,H)ANTHRACENE	1	2200	U	2200	330
191-24-2	BENZO(G,H,I)PERYLENE	1	2200	U	2200	330

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-09-05
Lab ID: 2202436-18

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 10.5
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2827

Analyst: Tyler Knaebel
Sample Aliquot: 5.07 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	14600		16500	88	25 - 127
321-60-8	2-FLUOROBIPHENYL	9240		11000	84	34 - 120
367-12-4	2-FLUOROPHENOL	14800		16500	89	38 - 120
4165-60-0	NITROBENZENE-D5	9250		11000	84	31 - 120
4165-62-2	PHENOL-D5	15500		16500	94	45 - 120
1718-51-0	TERPHENYL-D14	9950		11000	90	39 - 120

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2202436

Client Name: Tetra Tech

ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-08-02
Lab ID: 2202436-19

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 27.5
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2828

Analyst: Tyler Knaebel
Sample Aliquot: 5.41 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
110-86-1	PYRIDINE	1	7700	U	7700	1500
62-75-9	N-NITROSODIMETHYLAMINE	1	2600	U	2600	540
62-53-3	ANILINE	1	2600	U	2600	380
108-95-2	PHENOL	1	2600	U	2600	380
111-44-4	BIS(2-CHLOROETHYL)ETHER	1	2600	U	2600	380
95-57-8	2-CHLOROPHENOL	1	2600	U	2600	380
541-73-1	1,3-DICHLOROBENZENE	1	2600	U	2600	380
106-46-7	1,4-DICHLOROBENZENE	1	2600	U	2600	380
95-50-1	1,2-DICHLOROBENZENE	1	2600	U	2600	380
100-51-6	BENZYL ALCOHOL	1	2600	U	2600	380
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	1	2600	U	2600	460
95-48-7	2-METHYLPHENOL	1	2600	U	2600	380
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	1	2600	U	2600	380
108-39-4	3+4-METHYLPHENOL	1	2600	U	2600	380
67-72-1	HEXACHLOROETHANE	1	2600	U	2600	380
98-95-3	NITROBENZENE	1	2600	U	2600	380
78-59-1	ISOPHORONE	1	2600	U	2600	380
88-75-5	2-NITROPHENOL	1	2600	U	2600	380
105-67-9	2,4-DIMETHYLPHENOL	1	2600	U	2600	380
111-91-1	BIS(2-CHLOROETHOXY)METHANE	1	2600	U	2600	380
120-83-2	2,4-DICHLOROPHENOL	1	2600	U	2600	380
65-85-0	BENZOIC ACID	1	13000	U	13000	2700
120-82-1	1,2,4-TRICHLOROBENZENE	1	2600	U	2600	380
91-20-3	NAPHTHALENE	1	2600	U	2600	380
106-47-8	4-CHLOROANILINE	1	2600	U	2600	380
87-68-3	HEXACHLOROBUTADIENE	1	2600	U	2600	380

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-08-02
Lab ID: 2202436-19

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 27.5
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2828

Analyst: Tyler Knaebel
Sample Aliquot: 5.41 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
59-50-7	4-CHLORO-3-METHYLPHENOL	1	2600	U	2600	380
91-57-6	2-METHYLNAPHTHALENE	1	2600	U	2600	380
90-12-0	1-METHYLNAPHTHALENE	1	2600	U	2600	380
77-47-4	HEXACHLOROCYCLOPENTADIENE	1	2600	U	2600	380
88-06-2	2,4,6-TRICHLOROPHENOL	1	2600	U	2600	380
95-95-4	2,4,5-TRICHLOROPHENOL	1	2600	U	2600	380
91-58-7	2-CHLORONAPHTHALENE	1	2600	U	2600	380
88-74-4	2-NITROANILINE	1	5100	U	5100	380
131-11-3	DIMETHYL PHTHALATE	1	2600	U	2600	380
606-20-2	2,6-DINITROTOLUENE	1	2600	U	2600	380
208-96-8	ACENAPHTHYLENE	1	2600	U	2600	380
99-09-2	3-NITROANILINE	1	5100	U	5100	380
83-32-9	ACENAPHTHENE	1	2600	U	2600	380
51-28-5	2,4-DINITROPHENOL	1	5100	U	5100	1500
100-02-7	4-NITROPHENOL	1	5100	U	5100	380
132-64-9	DIBENZOFURAN	1	2600	U	2600	380
121-14-2	2,4-DINITROTOLUENE	1	2600	U	2600	380
84-66-2	DIETHYL PHTHALATE	1	2600	U	2600	380
86-73-7	FLUORENE	1	2600	U	2600	380
7005-72-3	4-CHLOROPHENYL PHENYL ETHER	1	2600	U	2600	380
100-01-6	4-NITROANILINE	1	5100	U	5100	380
103-33-3	AZOBENZENE	1	2600	U	2600	380
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1	10000	U	10000	2300
86-30-6	N-NITROSODIPHENYLAMINE	1	2600	U	2600	380
101-55-3	4-BROMOPHENYL PHENYL ETHER	1	2600	U	2600	380
118-74-1	HEXACHLOROBENZENE	1	2600	U	2600	540

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-08-02
Lab ID: 2202436-19

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 27.5
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2828

Analyst: Tyler Knaebel
Sample Aliquot: 5.41 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
58-90-2	2,3,4,6-TETRACHLOROPHENOL	1	2600	U	2600	610
87-86-5	PENTACHLOROPHENOL	1	10000	U	10000	380
85-01-8	PHENANTHRENE	1	2600	U	2600	380
120-12-7	ANTHRACENE	1	2600	U	2600	380
86-74-8	CARBAZOLE	1	2600	U	2600	380
84-74-2	DI-N-BUTYL PHTHALATE	1	2600	U	2600	380
206-44-0	FLUORANTHENE	1	2600	U	2600	380
129-00-0	PYRENE	1	2600	U	2600	380
85-68-7	BUTYL BENZYL PHTHALATE	1	2600	U	2600	380
56-55-3	BENZO(A)ANTHRACENE	1	2600	U	2600	380
91-94-1	3,3'-DICHLOROBENZIDINE	1	2600	U	2600	380
218-01-9	CHRYSENE	1	2600	U	2600	380
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	1	3800	U	3800	380
117-84-0	DI-N-OCTYL PHTHALATE	1	3800	U	3800	380
205-99-2	BENZO(B)FLUORANTHENE	1	2600	U	2600	380
207-08-9	BENZO(K)FLUORANTHENE	1	2600	U	2600	380
50-32-8	BENZO(A)PYRENE	1	2600	U	2600	380
193-39-5	INDENO(1,2,3-CD)PYRENE	1	2600	U	2600	540
53-70-3	DIBENZO(A,H)ANTHRACENE	1	2600	U	2600	380
191-24-2	BENZO(G,H,I)PERYLENE	1	2600	U	2600	380

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-08-02
Lab ID: 2202436-19

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 27.5
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2828

Analyst: Tyler Knaebel
Sample Aliquot: 5.41 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	13600		19100	71	25 - 127
321-60-8	2-FLUOROBIPHENYL	8870		12800	70	34 - 120
367-12-4	2-FLUOROPHENOL	13800		19100	72	38 - 120
4165-60-0	NITROBENZENE-D5	8490		12800	67	31 - 120
4165-62-2	PHENOL-D5	14700		19100	77	45 - 120
1718-51-0	TERPHENYL-D14	9330		12800	73	39 - 120

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-08-01
Lab ID: 2202436-20

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 13.4
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2829

Analyst: Tyler Knaebel
Sample Aliquot: 5.09 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
110-86-1	PYRIDINE	1	6800	U	6800	1400
62-75-9	N-NITROSODIMETHYLAMINE	1	2300	U	2300	480
62-53-3	ANILINE	1	2300	U	2300	340
108-95-2	PHENOL	1	2300	U	2300	340
111-44-4	BIS(2-CHLOROETHYL)ETHER	1	2300	U	2300	340
95-57-8	2-CHLOROPHENOL	1	2300	U	2300	340
541-73-1	1,3-DICHLOROBENZENE	1	2300	U	2300	340
106-46-7	1,4-DICHLOROBENZENE	1	2300	U	2300	340
95-50-1	1,2-DICHLOROBENZENE	1	2300	U	2300	340
100-51-6	BENZYL ALCOHOL	1	2300	U	2300	340
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	1	2300	U	2300	410
95-48-7	2-METHYLPHENOL	1	2300	U	2300	340
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	1	2300	U	2300	340
108-39-4	3+4-METHYLPHENOL	1	2300	U	2300	340
67-72-1	HEXACHLOROETHANE	1	2300	U	2300	340
98-95-3	NITROBENZENE	1	2300	U	2300	340
78-59-1	ISOPHORONE	1	2300	U	2300	340
88-75-5	2-NITROPHENOL	1	2300	U	2300	340
105-67-9	2,4-DIMETHYLPHENOL	1	2300	U	2300	340
111-91-1	BIS(2-CHLOROETHOXY)METHANE	1	2300	U	2300	340
120-83-2	2,4-DICHLOROPHENOL	1	2300	U	2300	340
65-85-0	BENZOIC ACID	1	11000	U	11000	2400
120-82-1	1,2,4-TRICHLOROBENZENE	1	2300	U	2300	340
91-20-3	NAPHTHALENE	1	2300	U	2300	340
106-47-8	4-CHLOROANILINE	1	2300	U	2300	340
87-68-3	HEXACHLOROBUTADIENE	1	2300	U	2300	340

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-08-01
Lab ID: 2202436-20

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 13.4
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2829

Analyst: Tyler Knaebel
Sample Aliquot: 5.09 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
59-50-7	4-CHLORO-3-METHYLPHENOL	1	2300	U	2300	340
91-57-6	2-METHYLNAPHTHALENE	1	2300	U	2300	340
90-12-0	1-METHYLNAPHTHALENE	1	2300	U	2300	340
77-47-4	HEXACHLOROCYCLOPENTADIENE	1	2300	U	2300	340
88-06-2	2,4,6-TRICHLOROPHENOL	1	2300	U	2300	340
95-95-4	2,4,5-TRICHLOROPHENOL	1	2300	U	2300	340
91-58-7	2-CHLORONAPHTHALENE	1	2300	U	2300	340
88-74-4	2-NITROANILINE	1	4500	U	4500	340
131-11-3	DIMETHYL PHTHALATE	1	2300	U	2300	340
606-20-2	2,6-DINITROTOLUENE	1	2300	U	2300	340
208-96-8	ACENAPHTHYLENE	1	2300	U	2300	340
99-09-2	3-NITROANILINE	1	4500	U	4500	340
83-32-9	ACENAPHTHENE	1	2300	U	2300	340
51-28-5	2,4-DINITROPHENOL	1	4500	U	4500	1400
100-02-7	4-NITROPHENOL	1	4500	U	4500	340
132-64-9	DIBENZOFURAN	1	2300	U	2300	340
121-14-2	2,4-DINITROTOLUENE	1	2300	U	2300	340
84-66-2	DIETHYL PHTHALATE	1	2300	U	2300	340
86-73-7	FLUORENE	1	2300	U	2300	340
7005-72-3	4-CHLOROPHENYL PHENYL ETHER	1	2300	U	2300	340
100-01-6	4-NITROANILINE	1	4500	U	4500	340
103-33-3	AZOBENZENE	1	2300	U	2300	340
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1	9100	U	9100	2000
86-30-6	N-NITROSODIPHENYLAMINE	1	2300	U	2300	340
101-55-3	4-BROMOPHENYL PHENYL ETHER	1	2300	U	2300	340
118-74-1	HEXACHLOROBENZENE	1	2300	U	2300	480

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-08-01
Lab ID: 2202436-20

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 13.4
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2829

Analyst: Tyler Knaebel
Sample Aliquot: 5.09 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
58-90-2	2,3,4,6-TETRACHLOROPHENOL	1	2300	U	2300	540
87-86-5	PENTACHLOROPHENOL	1	9100	U	9100	340
85-01-8	PHENANTHRENE	1	2300	U	2300	340
120-12-7	ANTHRACENE	1	2300	U	2300	340
86-74-8	CARBAZOLE	1	2300	U	2300	340
84-74-2	DI-N-BUTYL PHTHALATE	1	2300	U	2300	340
206-44-0	FLUORANTHENE	1	2300	U	2300	340
129-00-0	PYRENE	1	2300	U	2300	340
85-68-7	BUTYL BENZYL PHTHALATE	1	2300	U	2300	340
56-55-3	BENZO(A)ANTHRACENE	1	2300	U	2300	340
91-94-1	3,3'-DICHLOROBENZIDINE	1	2300	U	2300	340
218-01-9	CHRYSENE	1	2300	U	2300	340
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	1	3400	U	3400	340
117-84-0	DI-N-OCTYL PHTHALATE	1	3400	U	3400	340
205-99-2	BENZO(B)FLUORANTHENE	1	2300	U	2300	340
207-08-9	BENZO(K)FLUORANTHENE	1	2300	U	2300	340
50-32-8	BENZO(A)PYRENE	1	2300	U	2300	340
193-39-5	INDENO(1,2,3-CD)PYRENE	1	2300	U	2300	480
53-70-3	DIBENZO(A,H)ANTHRACENE	1	2300	U	2300	340
191-24-2	BENZO(G,H,I)PERYLENE	1	2300	U	2300	340

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-08-01
Lab ID: 2202436-20

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 13.4
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2829

Analyst: Tyler Knaebel
Sample Aliquot: 5.09 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	11900		17000	70	25 - 127
321-60-8	2-FLUOROBIPHENYL	7530		11300	66	34 - 120
367-12-4	2-FLUOROPHENOL	11900		17000	70	38 - 120
4165-60-0	NITROBENZENE-D5	7400		11300	65	31 - 120
4165-62-2	PHENOL-D5	12400		17000	73	45 - 120
1718-51-0	TERPHENYL-D14	7980		11300	70	39 - 120

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-07-02
Lab ID: 2202436-21

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 24.2
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2830

Analyst: Tyler Knaebel
Sample Aliquot: 5.64 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
110-86-1	PYRIDINE	1	7000	U	7000	1400
62-75-9	N-NITROSODIMETHYLAMINE	1	2300	U	2300	490
62-53-3	ANILINE	1	2300	U	2300	350
108-95-2	PHENOL	1	2300	U	2300	350
111-44-4	BIS(2-CHLOROETHYL)ETHER	1	2300	U	2300	350
95-57-8	2-CHLOROPHENOL	1	2300	U	2300	350
541-73-1	1,3-DICHLOROBENZENE	1	2300	U	2300	350
106-46-7	1,4-DICHLOROBENZENE	1	2300	U	2300	350
95-50-1	1,2-DICHLOROBENZENE	1	2300	U	2300	350
100-51-6	BENZYL ALCOHOL	1	2300	U	2300	350
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	1	2300	U	2300	420
95-48-7	2-METHYLPHENOL	1	2300	U	2300	350
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	1	2300	U	2300	350
108-39-4	3+4-METHYLPHENOL	1	2300	U	2300	350
67-72-1	HEXACHLOROETHANE	1	2300	U	2300	350
98-95-3	NITROBENZENE	1	2300	U	2300	350
78-59-1	ISOPHORONE	1	2300	U	2300	350
88-75-5	2-NITROPHENOL	1	2300	U	2300	350
105-67-9	2,4-DIMETHYLPHENOL	1	2300	U	2300	350
111-91-1	BIS(2-CHLOROETHOXY)METHANE	1	2300	U	2300	350
120-83-2	2,4-DICHLOROPHENOL	1	2300	U	2300	350
65-85-0	BENZOIC ACID	1	12000	U	12000	2500
120-82-1	1,2,4-TRICHLOROBENZENE	1	2300	U	2300	350
91-20-3	NAPHTHALENE	1	2300	U	2300	350
106-47-8	4-CHLOROANILINE	1	2300	U	2300	350
87-68-3	HEXACHLOROBUTADIENE	1	2300	U	2300	350

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-07-02
Lab ID: 2202436-21

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 24.2
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2830

Analyst: Tyler Knaebel
Sample Aliquot: 5.64 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
59-50-7	4-CHLORO-3-METHYLPHENOL	1	2300	U	2300	350
91-57-6	2-METHYLNAPHTHALENE	1	2300	U	2300	350
90-12-0	1-METHYLNAPHTHALENE	1	2300	U	2300	350
77-47-4	HEXACHLOROCYCLOPENTADIENE	1	2300	U	2300	350
88-06-2	2,4,6-TRICHLOROPHENOL	1	2300	U	2300	350
95-95-4	2,4,5-TRICHLOROPHENOL	1	2300	U	2300	350
91-58-7	2-CHLORONAPHTHALENE	1	2300	U	2300	350
88-74-4	2-NITROANILINE	1	4700	U	4700	350
131-11-3	DIMETHYL PHTHALATE	1	2300	U	2300	350
606-20-2	2,6-DINITROTOLUENE	1	2300	U	2300	350
208-96-8	ACENAPHTHYLENE	1	2300	U	2300	350
99-09-2	3-NITROANILINE	1	4700	U	4700	350
83-32-9	ACENAPHTHENE	1	2300	U	2300	350
51-28-5	2,4-DINITROPHENOL	1	4700	U	4700	1400
100-02-7	4-NITROPHENOL	1	4700	U	4700	350
132-64-9	DIBENZOFURAN	1	2300	U	2300	350
121-14-2	2,4-DINITROTOLUENE	1	2300	U	2300	350
84-66-2	DIETHYL PHTHALATE	1	2300	U	2300	350
86-73-7	FLUORENE	1	2300	U	2300	350
7005-72-3	4-CHLOROPHENYL PHENYL ETHER	1	2300	U	2300	350
100-01-6	4-NITROANILINE	1	4700	U	4700	350
103-33-3	AZOBENZENE	1	2300	U	2300	350
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1	9400	U	9400	2100
86-30-6	N-NITROSODIPHENYLAMINE	1	2300	U	2300	350
101-55-3	4-BROMOPHENYL PHENYL ETHER	1	2300	U	2300	350
118-74-1	HEXACHLOROBENZENE	1	2300	U	2300	490

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-07-02
Lab ID: 2202436-21

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 24.2
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2830

Analyst: Tyler Knaebel
Sample Aliquot: 5.64 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
58-90-2	2,3,4,6-TETRACHLOROPHENOL	1	2300	U	2300	560
87-86-5	PENTACHLOROPHENOL	1	9400	U	9400	350
85-01-8	PHENANTHRENE	1	2300	U	2300	350
120-12-7	ANTHRACENE	1	2300	U	2300	350
86-74-8	CARBAZOLE	1	2300	U	2300	350
84-74-2	DI-N-BUTYL PHTHALATE	1	2300	U	2300	350
206-44-0	FLUORANTHENE	1	2300	U	2300	350
129-00-0	PYRENE	1	2300	U	2300	350
85-68-7	BUTYL BENZYL PHTHALATE	1	2300	U	2300	350
56-55-3	BENZO(A)ANTHRACENE	1	2300	U	2300	350
91-94-1	3,3'-DICHLOROBENZIDINE	1	2300	U	2300	350
218-01-9	CHRYSENE	1	2300	U	2300	350
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	1	3500	U	3500	350
117-84-0	DI-N-OCTYL PHTHALATE	1	3500	U	3500	350
205-99-2	BENZO(B)FLUORANTHENE	1	2300	U	2300	350
207-08-9	BENZO(K)FLUORANTHENE	1	2300	U	2300	350
50-32-8	BENZO(A)PYRENE	1	2300	U	2300	350
193-39-5	INDENO(1,2,3-CD)PYRENE	1	2300	U	2300	490
53-70-3	DIBENZO(A,H)ANTHRACENE	1	2300	U	2300	350
191-24-2	BENZO(G,H,I)PERYLENE	1	2300	U	2300	350

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-07-02
Lab ID: 2202436-21

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 24.2
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2830

Analyst: Tyler Knaebel
Sample Aliquot: 5.64 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	15000		17600	86	25 - 127
321-60-8	2-FLUOROBIPHENYL	9480		11700	81	34 - 120
367-12-4	2-FLUOROPHENOL	14900		17600	85	38 - 120
4165-60-0	NITROBENZENE-D5	9280		11700	79	31 - 120
4165-62-2	PHENOL-D5	15600		17600	89	45 - 120
1718-51-0	TERPHENYL-D14	10300		11700	88	39 - 120

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-05-01
Lab ID: 2202436-22

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 28.2
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 12-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220312-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2885

Analyst: Tyler Knaebel
Sample Aliquot: 5.23 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
110-86-1	PYRIDINE	1	8000	U	8000	1600
62-75-9	N-NITROSODIMETHYLAMINE	1	2700	U	2700	560
62-53-3	ANILINE	1	2700	U	2700	400
108-95-2	PHENOL	1	2700	U	2700	400
111-44-4	BIS(2-CHLOROETHYL)ETHER	1	2700	U	2700	400
95-57-8	2-CHLOROPHENOL	1	2700	U	2700	400
541-73-1	1,3-DICHLOROBENZENE	1	2700	U	2700	400
106-46-7	1,4-DICHLOROBENZENE	1	2700	U	2700	400
95-50-1	1,2-DICHLOROBENZENE	1	2700	U	2700	400
100-51-6	BENZYL ALCOHOL	1	2700	U	2700	400
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	1	2700	U	2700	480
95-48-7	2-METHYLPHENOL	1	2700	U	2700	400
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	1	2700	U	2700	400
108-39-4	3+4-METHYLPHENOL	1	2700	U	2700	400
67-72-1	HEXACHLOROETHANE	1	2700	U	2700	400
98-95-3	NITROBENZENE	1	2700	U	2700	400
78-59-1	ISOPHORONE	1	2700	U	2700	400
88-75-5	2-NITROPHENOL	1	2700	U	2700	400
105-67-9	2,4-DIMETHYLPHENOL	1	2700	U	2700	400
111-91-1	BIS(2-CHLOROETHOXY)METHANE	1	2700	U	2700	400
120-83-2	2,4-DICHLOROPHENOL	1	2700	U	2700	400
65-85-0	BENZOIC ACID	1	13000	U	13000	2800
120-82-1	1,2,4-TRICHLOROBENZENE	1	2700	U	2700	400
91-20-3	NAPHTHALENE	1	2700	U	2700	400
106-47-8	4-CHLOROANILINE	1	2700	U	2700	400
87-68-3	HEXACHLOROBUTADIENE	1	2700	U	2700	400

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-05-01
Lab ID: 2202436-22

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 28.2
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 12-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220312-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2885

Analyst: Tyler Knaebel
Sample Aliquot: 5.23 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
59-50-7	4-CHLORO-3-METHYLPHENOL	1	2700	U	2700	400
91-57-6	2-METHYLNAPHTHALENE	1	2700	U	2700	400
90-12-0	1-METHYLNAPHTHALENE	1	2700	U	2700	400
77-47-4	HEXACHLOROCYCLOPENTADIENE	1	2700	U	2700	400
88-06-2	2,4,6-TRICHLOROPHENOL	1	2700	U	2700	400
95-95-4	2,4,5-TRICHLOROPHENOL	1	2700	U	2700	400
91-58-7	2-CHLORONAPHTHALENE	1	2700	U	2700	400
88-74-4	2-NITROANILINE	1	5300	U	5300	400
131-11-3	DIMETHYL PHTHALATE	1	2700	U	2700	400
606-20-2	2,6-DINITROTOLUENE	1	2700	U	2700	400
208-96-8	ACENAPHTHYLENE	1	2700	U	2700	400
99-09-2	3-NITROANILINE	1	5300	U	5300	400
83-32-9	ACENAPHTHENE	1	2700	U	2700	400
51-28-5	2,4-DINITROPHENOL	1	5300	U	5300	1600
100-02-7	4-NITROPHENOL	1	5300	U	5300	400
132-64-9	DIBENZOFURAN	1	2700	U	2700	400
121-14-2	2,4-DINITROTOLUENE	1	2700	U	2700	400
84-66-2	DIETHYL PHTHALATE	1	2700	U	2700	400
86-73-7	FLUORENE	1	2700	U	2700	400
7005-72-3	4-CHLOROPHENYL PHENYL ETHER	1	2700	U	2700	400
100-01-6	4-NITROANILINE	1	5300	U	5300	400
103-33-3	AZOBENZENE	1	2700	U	2700	400
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1	11000	U	11000	2400
86-30-6	N-NITROSODIPHENYLAMINE	1	2700	U	2700	400
101-55-3	4-BROMOPHENYL PHENYL ETHER	1	2700	U	2700	400
118-74-1	HEXACHLOROBENZENE	1	2700	U	2700	560

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2202436

Client Name: Tetra Tech

ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-05-01
Lab ID: 2202436-22

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 28.2
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 12-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220312-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2885

Analyst: Tyler Knaebel
Sample Aliquot: 5.23 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
58-90-2	2,3,4,6-TETRACHLOROPHENOL	1	2700	U	2700	640
87-86-5	PENTACHLOROPHENOL	1	11000	U	11000	400
85-01-8	PHENANTHRENE	1	2700	U	2700	400
120-12-7	ANTHRACENE	1	2700	U	2700	400
86-74-8	CARBAZOLE	1	2700	U	2700	400
84-74-2	DI-N-BUTYL PHTHALATE	1	2700	U	2700	400
206-44-0	FLUORANTHENE	1	2700	U	2700	400
129-00-0	PYRENE	1	2700	U	2700	400
85-68-7	BUTYL BENZYL PHTHALATE	1	2700	U	2700	400
56-55-3	BENZO(A)ANTHRACENE	1	2700	U	2700	400
91-94-1	3,3'-DICHLOROBENZIDINE	1	2700	U	2700	400
218-01-9	CHRYSENE	1	2700	U	2700	400
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	1	4000	U	4000	400
117-84-0	DI-N-OCTYL PHTHALATE	1	4000	U	4000	400
205-99-2	BENZO(B)FLUORANTHENE	1	2700	U	2700	400
207-08-9	BENZO(K)FLUORANTHENE	1	2700	U	2700	400
50-32-8	BENZO(A)PYRENE	1	2700	U	2700	400
193-39-5	INDENO(1,2,3-CD)PYRENE	1	2700	U	2700	560
53-70-3	DIBENZO(A,H)ANTHRACENE	1	2700	U	2700	400
191-24-2	BENZO(G,H,I)PERYLENE	1	2700	U	2700	400

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-05-01
Lab ID: 2202436-22

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 28.2
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 12-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220312-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2885

Analyst: Tyler Knaebel
Sample Aliquot: 5.23 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	16100		20000	81	25 - 127
321-60-8	2-FLUOROBIPHENYL	9710		13300	73	34 - 120
367-12-4	2-FLUOROPHENOL	14200		20000	71	38 - 120
4165-60-0	NITROBENZENE-D5	9100		13300	68	31 - 120
4165-62-2	PHENOL-D5	15500		20000	77	45 - 120
1718-51-0	TERPHENYL-D14	10500		13300	79	39 - 120

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2202436

Client Name: Tetra Tech

ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-04-01
Lab ID: 2202436-23

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 24.6
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2831

Analyst: Tyler Knaebel
Sample Aliquot: 5.26 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
110-86-1	PYRIDINE	1	7600	U	7600	1500
62-75-9	N-NITROSODIMETHYLAMINE	1	2500	U	2500	530
62-53-3	ANILINE	1	2500	U	2500	380
108-95-2	PHENOL	1	2500	U	2500	380
111-44-4	BIS(2-CHLOROETHYL)ETHER	1	2500	U	2500	380
95-57-8	2-CHLOROPHENOL	1	2500	U	2500	380
541-73-1	1,3-DICHLOROBENZENE	1	2500	U	2500	380
106-46-7	1,4-DICHLOROBENZENE	1	2500	U	2500	380
95-50-1	1,2-DICHLOROBENZENE	1	2500	U	2500	380
100-51-6	BENZYL ALCOHOL	1	2500	U	2500	380
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	1	2500	U	2500	450
95-48-7	2-METHYLPHENOL	1	2500	U	2500	380
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	1	2500	U	2500	380
108-39-4	3+4-METHYLPHENOL	1	2500	U	2500	380
67-72-1	HEXACHLOROETHANE	1	2500	U	2500	380
98-95-3	NITROBENZENE	1	2500	U	2500	380
78-59-1	ISOPHORONE	1	2500	U	2500	380
88-75-5	2-NITROPHENOL	1	2500	U	2500	380
105-67-9	2,4-DIMETHYLPHENOL	1	2500	U	2500	380
111-91-1	BIS(2-CHLOROETHOXY)METHANE	1	2500	U	2500	380
120-83-2	2,4-DICHLOROPHENOL	1	2500	U	2500	380
65-85-0	BENZOIC ACID	1	13000	U	13000	2600
120-82-1	1,2,4-TRICHLOROBENZENE	1	2500	U	2500	380
91-20-3	NAPHTHALENE	1	2500	U	2500	380
106-47-8	4-CHLOROANILINE	1	2500	U	2500	380
87-68-3	HEXACHLOROBUTADIENE	1	2500	U	2500	380

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2202436

Client Name: Tetra Tech

ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-04-01
Lab ID: 2202436-23

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 24.6
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2831

Analyst: Tyler Knaebel
Sample Aliquot: 5.26 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
59-50-7	4-CHLORO-3-METHYLPHENOL	1	2500	U	2500	380
91-57-6	2-METHYLNAPHTHALENE	1	2500	U	2500	380
90-12-0	1-METHYLNAPHTHALENE	1	2500	U	2500	380
77-47-4	HEXACHLOROCYCLOPENTADIENE	1	2500	U	2500	380
88-06-2	2,4,6-TRICHLOROPHENOL	1	2500	U	2500	380
95-95-4	2,4,5-TRICHLOROPHENOL	1	2500	U	2500	380
91-58-7	2-CHLORONAPHTHALENE	1	2500	U	2500	380
88-74-4	2-NITROANILINE	1	5000	U	5000	380
131-11-3	DIMETHYL PHTHALATE	1	2500	U	2500	380
606-20-2	2,6-DINITROTOLUENE	1	2500	U	2500	380
208-96-8	ACENAPHTHYLENE	1	2500	U	2500	380
99-09-2	3-NITROANILINE	1	5000	U	5000	380
83-32-9	ACENAPHTHENE	1	2500	U	2500	380
51-28-5	2,4-DINITROPHENOL	1	5000	U	5000	1500
100-02-7	4-NITROPHENOL	1	5000	U	5000	380
132-64-9	DIBENZOFURAN	1	2500	U	2500	380
121-14-2	2,4-DINITROTOLUENE	1	2500	U	2500	380
84-66-2	DIETHYL PHTHALATE	1	2500	U	2500	380
86-73-7	FLUORENE	1	2500	U	2500	380
7005-72-3	4-CHLOROPHENYL PHENYL ETHER	1	2500	U	2500	380
100-01-6	4-NITROANILINE	1	5000	U	5000	380
103-33-3	AZOBENZENE	1	2500	U	2500	380
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1	10000	U	10000	2300
86-30-6	N-NITROSODIPHENYLAMINE	1	2500	U	2500	380
101-55-3	4-BROMOPHENYL PHENYL ETHER	1	2500	U	2500	380
118-74-1	HEXACHLOROBENZENE	1	2500	U	2500	530

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-04-01
Lab ID: 2202436-23

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 24.6
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2831

Analyst: Tyler Knaebel
Sample Aliquot: 5.26 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
58-90-2	2,3,4,6-TETRACHLOROPHENOL	1	2500	U	2500	610
87-86-5	PENTACHLOROPHENOL	1	10000	U	10000	380
85-01-8	PHENANTHRENE	1	2500	U	2500	380
120-12-7	ANTHRACENE	1	2500	U	2500	380
86-74-8	CARBAZOLE	1	2500	U	2500	380
84-74-2	DI-N-BUTYL PHTHALATE	1	2500	U	2500	380
206-44-0	FLUORANTHENE	1	2500	U	2500	380
129-00-0	PYRENE	1	2500	U	2500	380
85-68-7	BUTYL BENZYL PHTHALATE	1	2500	U	2500	380
56-55-3	BENZO(A)ANTHRACENE	1	2500	U	2500	380
91-94-1	3,3'-DICHLOROBENZIDINE	1	2500	U	2500	380
218-01-9	CHRYSENE	1	2500	U	2500	380
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	1	3800	U	3800	380
117-84-0	DI-N-OCTYL PHTHALATE	1	3800	U	3800	380
205-99-2	BENZO(B)FLUORANTHENE	1	2500	U	2500	380
207-08-9	BENZO(K)FLUORANTHENE	1	2500	U	2500	380
50-32-8	BENZO(A)PYRENE	1	2500	U	2500	380
193-39-5	INDENO(1,2,3-CD)PYRENE	1	2500	U	2500	530
53-70-3	DIBENZO(A,H)ANTHRACENE	1	2500	U	2500	380
191-24-2	BENZO(G,H,I)PERYLENE	1	2500	U	2500	380

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-04-01
Lab ID: 2202436-23

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 24.6
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2831

Analyst: Tyler Knaebel
Sample Aliquot: 5.26 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	14100		18900	75	25 - 127
321-60-8	2-FLUOROBIPHENYL	8930		12600	71	34 - 120
367-12-4	2-FLUOROPHENOL	13800		18900	73	38 - 120
4165-60-0	NITROBENZENE-D5	8580		12600	68	31 - 120
4165-62-2	PHENOL-D5	14500		18900	77	45 - 120
1718-51-0	TERPHENYL-D14	9510		12600	75	39 - 120

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2202436

Client Name: Tetra Tech

ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-06-01
Lab ID: 2202436-24

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 39.1
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2832

Analyst: Tyler Knaebel
Sample Aliquot: 5.54 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
110-86-1	PYRIDINE	1	8900	U	8900	1800
62-75-9	N-NITROSODIMETHYLAMINE	1	3000	U	3000	620
62-53-3	ANILINE	1	3000	U	3000	440
108-95-2	PHENOL	1	3000	U	3000	440
111-44-4	BIS(2-CHLOROETHYL)ETHER	1	3000	U	3000	440
95-57-8	2-CHLOROPHENOL	1	3000	U	3000	440
541-73-1	1,3-DICHLOROBENZENE	1	3000	U	3000	440
106-46-7	1,4-DICHLOROBENZENE	1	3000	U	3000	440
95-50-1	1,2-DICHLOROBENZENE	1	3000	U	3000	440
100-51-6	BENZYL ALCOHOL	1	3000	U	3000	440
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	1	3000	U	3000	530
95-48-7	2-METHYLPHENOL	1	3000	U	3000	440
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	1	3000	U	3000	440
108-39-4	3+4-METHYLPHENOL	1	3000	U	3000	440
67-72-1	HEXACHLOROETHANE	1	3000	U	3000	440
98-95-3	NITROBENZENE	1	3000	U	3000	440
78-59-1	ISOPHORONE	1	3000	U	3000	440
88-75-5	2-NITROPHENOL	1	3000	U	3000	440
105-67-9	2,4-DIMETHYLPHENOL	1	3000	U	3000	440
111-91-1	BIS(2-CHLOROETHOXY)METHANE	1	3000	U	3000	440
120-83-2	2,4-DICHLOROPHENOL	1	3000	U	3000	440
65-85-0	BENZOIC ACID	1	15000	U	15000	3100
120-82-1	1,2,4-TRICHLOROBENZENE	1	3000	U	3000	440
91-20-3	NAPHTHALENE	1	3000	U	3000	440
106-47-8	4-CHLOROANILINE	1	3000	U	3000	440
87-68-3	HEXACHLOROBUTADIENE	1	3000	U	3000	440

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-06-01
Lab ID: 2202436-24

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 39.1
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2832

Analyst: Tyler Knaebel
Sample Aliquot: 5.54 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
59-50-7	4-CHLORO-3-METHYLPHENOL	1	3000	U	3000	440
91-57-6	2-METHYLNAPHTHALENE	1	3000	U	3000	440
90-12-0	1-METHYLNAPHTHALENE	1	3000	U	3000	440
77-47-4	HEXACHLOROCYCLOPENTADIENE	1	3000	U	3000	440
88-06-2	2,4,6-TRICHLOROPHENOL	1	3000	U	3000	440
95-95-4	2,4,5-TRICHLOROPHENOL	1	3000	U	3000	440
91-58-7	2-CHLORONAPHTHALENE	1	3000	U	3000	440
88-74-4	2-NITROANILINE	1	5900	U	5900	440
131-11-3	DIMETHYL PHTHALATE	1	3000	U	3000	440
606-20-2	2,6-DINITROTOLUENE	1	3000	U	3000	440
208-96-8	ACENAPHTHYLENE	1	3000	U	3000	440
99-09-2	3-NITROANILINE	1	5900	U	5900	440
83-32-9	ACENAPHTHENE	1	3000	U	3000	440
51-28-5	2,4-DINITROPHENOL	1	5900	U	5900	1800
100-02-7	4-NITROPHENOL	1	5900	U	5900	440
132-64-9	DIBENZOFURAN	1	3000	U	3000	440
121-14-2	2,4-DINITROTOLUENE	1	3000	U	3000	440
84-66-2	DIETHYL PHTHALATE	1	3000	U	3000	440
86-73-7	FLUORENE	1	3000	U	3000	440
7005-72-3	4-CHLOROPHENYL PHENYL ETHER	1	3000	U	3000	440
100-01-6	4-NITROANILINE	1	5900	U	5900	440
103-33-3	AZOBENZENE	1	3000	U	3000	440
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1	12000	U	12000	2700
86-30-6	N-NITROSODIPHENYLAMINE	1	3000	U	3000	440
101-55-3	4-BROMOPHENYL PHENYL ETHER	1	3000	U	3000	440
118-74-1	HEXACHLOROBENZENE	1	3000	U	3000	620

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-06-01
Lab ID: 2202436-24

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 39.1
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2832

Analyst: Tyler Knaebel
Sample Aliquot: 5.54 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
58-90-2	2,3,4,6-TETRACHLOROPHENOL	1	3000	U	3000	710
87-86-5	PENTACHLOROPHENOL	1	12000	U	12000	440
85-01-8	PHENANTHRENE	1	3000	U	3000	440
120-12-7	ANTHRACENE	1	3000	U	3000	440
86-74-8	CARBAZOLE	1	3000	U	3000	440
84-74-2	DI-N-BUTYL PHTHALATE	1	3000	U	3000	440
206-44-0	FLUORANTHENE	1	3000	U	3000	440
129-00-0	PYRENE	1	3000	U	3000	440
85-68-7	BUTYL BENZYL PHTHALATE	1	3000	U	3000	440
56-55-3	BENZO(A)ANTHRACENE	1	3000	U	3000	440
91-94-1	3,3'-DICHLOROBENZIDINE	1	3000	U	3000	440
218-01-9	CHRYSENE	1	3000	U	3000	440
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	1	4400	U	4400	440
117-84-0	DI-N-OCTYL PHTHALATE	1	4400	U	4400	440
205-99-2	BENZO(B)FLUORANTHENE	1	3000	U	3000	440
207-08-9	BENZO(K)FLUORANTHENE	1	3000	U	3000	440
50-32-8	BENZO(A)PYRENE	1	3000	U	3000	440
193-39-5	INDENO(1,2,3-CD)PYRENE	1	3000	U	3000	620
53-70-3	DIBENZO(A,H)ANTHRACENE	1	3000	U	3000	440
191-24-2	BENZO(G,H,I)PERYLENE	1	3000	U	3000	440

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-06-01
Lab ID: 2202436-24

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 39.1
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2832

Analyst: Tyler Knaebel
Sample Aliquot: 5.54 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	17300		22200	78	25 - 127
321-60-8	2-FLUOROBIPHENYL	11300		14800	77	34 - 120
367-12-4	2-FLUOROPHENOL	17600		22200	79	38 - 120
4165-60-0	NITROBENZENE-D5	11000		14800	74	31 - 120
4165-62-2	PHENOL-D5	18700		22200	84	45 - 120
1718-51-0	TERPHENYL-D14	12100		14800	82	39 - 120

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-06-03
Lab ID: 2202436-25

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 41.7
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2833

Analyst: Tyler Knaebel
Sample Aliquot: 5.56 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
110-86-1	PYRIDINE	1	9200	U	9200	1800
62-75-9	N-NITROSODIMETHYLAMINE	1	3100	U	3100	650
62-53-3	ANILINE	1	3100	U	3100	460
108-95-2	PHENOL	1	3100	U	3100	460
111-44-4	BIS(2-CHLOROETHYL)ETHER	1	3100	U	3100	460
95-57-8	2-CHLOROPHENOL	1	3100	U	3100	460
541-73-1	1,3-DICHLOROBENZENE	1	3100	U	3100	460
106-46-7	1,4-DICHLOROBENZENE	1	3100	U	3100	460
95-50-1	1,2-DICHLOROBENZENE	1	3100	U	3100	460
100-51-6	BENZYL ALCOHOL	1	3100	U	3100	460
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	1	3100	U	3100	550
95-48-7	2-METHYLPHENOL	1	3100	U	3100	460
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	1	3100	U	3100	460
108-39-4	3+4-METHYLPHENOL	1	3100	U	3100	460
67-72-1	HEXACHLOROETHANE	1	3100	U	3100	460
98-95-3	NITROBENZENE	1	3100	U	3100	460
78-59-1	ISOPHORONE	1	3100	U	3100	460
88-75-5	2-NITROPHENOL	1	3100	U	3100	460
105-67-9	2,4-DIMETHYLPHENOL	1	3100	U	3100	460
111-91-1	BIS(2-CHLOROETHOXY)METHANE	1	3100	U	3100	460
120-83-2	2,4-DICHLOROPHENOL	1	3100	U	3100	460
65-85-0	BENZOIC ACID	1	15000	U	15000	3200
120-82-1	1,2,4-TRICHLOROBENZENE	1	3100	U	3100	460
91-20-3	NAPHTHALENE	1	3100	U	3100	460
106-47-8	4-CHLOROANILINE	1	3100	U	3100	460
87-68-3	HEXACHLOROBUTADIENE	1	3100	U	3100	460

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-06-03
Lab ID: 2202436-25

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 41.7
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2833

Analyst: Tyler Knaebel
Sample Aliquot: 5.56 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
59-50-7	4-CHLORO-3-METHYLPHENOL	1	3100	U	3100	460
91-57-6	2-METHYLNAPHTHALENE	1	3100	U	3100	460
90-12-0	1-METHYLNAPHTHALENE	1	3100	U	3100	460
77-47-4	HEXACHLOROCYCLOPENTADIENE	1	3100	U	3100	460
88-06-2	2,4,6-TRICHLOROPHENOL	1	3100	U	3100	460
95-95-4	2,4,5-TRICHLOROPHENOL	1	3100	U	3100	460
91-58-7	2-CHLORONAPHTHALENE	1	3100	U	3100	460
88-74-4	2-NITROANILINE	1	6200	U	6200	460
131-11-3	DIMETHYL PHTHALATE	1	3100	U	3100	460
606-20-2	2,6-DINITROTOLUENE	1	3100	U	3100	460
208-96-8	ACENAPHTHYLENE	1	3100	U	3100	460
99-09-2	3-NITROANILINE	1	6200	U	6200	460
83-32-9	ACENAPHTHENE	1	3100	U	3100	460
51-28-5	2,4-DINITROPHENOL	1	6200	U	6200	1800
100-02-7	4-NITROPHENOL	1	6200	U	6200	460
132-64-9	DIBENZOFURAN	1	3100	U	3100	460
121-14-2	2,4-DINITROTOLUENE	1	3100	U	3100	460
84-66-2	DIETHYL PHTHALATE	1	3100	U	3100	460
86-73-7	FLUORENE	1	3100	U	3100	460
7005-72-3	4-CHLOROPHENYL PHENYL ETHER	1	3100	U	3100	460
100-01-6	4-NITROANILINE	1	6200	U	6200	460
103-33-3	AZOBENZENE	1	3100	U	3100	460
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1	12000	U	12000	2800
86-30-6	N-NITROSODIPHENYLAMINE	1	3100	U	3100	460
101-55-3	4-BROMOPHENYL PHENYL ETHER	1	3100	U	3100	460
118-74-1	HEXACHLOROBENZENE	1	3100	U	3100	650

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-06-03
Lab ID: 2202436-25

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 41.7
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2833

Analyst: Tyler Knaebel
Sample Aliquot: 5.56 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
58-90-2	2,3,4,6-TETRACHLOROPHENOL	1	3100	U	3100	740
87-86-5	PENTACHLOROPHENOL	1	12000	U	12000	460
85-01-8	PHENANTHRENE	1	3100	U	3100	460
120-12-7	ANTHRACENE	1	3100	U	3100	460
86-74-8	CARBAZOLE	1	3100	U	3100	460
84-74-2	DI-N-BUTYL PHTHALATE	1	3100	U	3100	460
206-44-0	FLUORANTHENE	1	3100	U	3100	460
129-00-0	PYRENE	1	3100	U	3100	460
85-68-7	BUTYL BENZYL PHTHALATE	1	3100	U	3100	460
56-55-3	BENZO(A)ANTHRACENE	1	3100	U	3100	460
91-94-1	3,3'-DICHLOROBENZIDINE	1	3100	U	3100	460
218-01-9	CHRYSENE	1	3100	U	3100	460
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	1	4600	U	4600	460
117-84-0	DI-N-OCTYL PHTHALATE	1	4600	U	4600	460
205-99-2	BENZO(B)FLUORANTHENE	1	3100	U	3100	460
207-08-9	BENZO(K)FLUORANTHENE	1	3100	U	3100	460
50-32-8	BENZO(A)PYRENE	1	3100	U	3100	460
193-39-5	INDENO(1,2,3-CD)PYRENE	1	3100	U	3100	650
53-70-3	DIBENZO(A,H)ANTHRACENE	1	3100	U	3100	460
191-24-2	BENZO(G,H,I)PERYLENE	1	3100	U	3100	460

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-06-03
Lab ID: 2202436-25

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 41.7
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2833

Analyst: Tyler Knaebel
Sample Aliquot: 5.56 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	17300		23100	75	25 - 127
321-60-8	2-FLUOROBIPHENYL	11500		15400	74	34 - 120
367-12-4	2-FLUOROPHENOL	18300		23100	79	38 - 120
4165-60-0	NITROBENZENE-D5	11400		15400	74	31 - 120
4165-62-2	PHENOL-D5	19100		23100	82	45 - 120
1718-51-0	TERPHENYL-D14	12500		15400	81	39 - 120

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-06-04
Lab ID: 2202436-26

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 53.5
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2839

Analyst: Tyler Knaebel
Sample Aliquot: 5.71 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
110-86-1	PYRIDINE	1	11000	U	11000	2300
62-75-9	N-NITROSODIMETHYLAMINE	1	3800	U	3800	790
62-53-3	ANILINE	1	3800	U	3800	570
108-95-2	PHENOL	1	3800	U	3800	570
111-44-4	BIS(2-CHLOROETHYL)ETHER	1	3800	U	3800	570
95-57-8	2-CHLOROPHENOL	1	3800	U	3800	570
541-73-1	1,3-DICHLOROBENZENE	1	3800	U	3800	570
106-46-7	1,4-DICHLOROBENZENE	1	3800	U	3800	570
95-50-1	1,2-DICHLOROBENZENE	1	3800	U	3800	570
100-51-6	BENZYL ALCOHOL	1	3800	U	3800	570
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	1	3800	U	3800	680
95-48-7	2-METHYLPHENOL	1	3800	U	3800	570
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	1	3800	U	3800	570
108-39-4	3+4-METHYLPHENOL	1	3800	U	3800	570
67-72-1	HEXACHLOROETHANE	1	3800	U	3800	570
98-95-3	NITROBENZENE	1	3800	U	3800	570
78-59-1	ISOPHORONE	1	3800	U	3800	570
88-75-5	2-NITROPHENOL	1	3800	U	3800	570
105-67-9	2,4-DIMETHYLPHENOL	1	3800	U	3800	570
111-91-1	BIS(2-CHLOROETHOXY)METHANE	1	3800	U	3800	570
120-83-2	2,4-DICHLOROPHENOL	1	3800	U	3800	570
65-85-0	BENZOIC ACID	1	19000	U	19000	4000
120-82-1	1,2,4-TRICHLOROBENZENE	1	3800	U	3800	570
91-20-3	NAPHTHALENE	1	3800	U	3800	570
106-47-8	4-CHLOROANILINE	1	3800	U	3800	570
87-68-3	HEXACHLOROBUTADIENE	1	3800	U	3800	570

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-06-04
Lab ID: 2202436-26

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 53.5
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2839

Analyst: Tyler Knaebel
Sample Aliquot: 5.71 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
59-50-7	4-CHLORO-3-METHYLPHENOL	1	3800	U	3800	570
91-57-6	2-METHYLNAPHTHALENE	1	3800	U	3800	570
90-12-0	1-METHYLNAPHTHALENE	1	3800	U	3800	570
77-47-4	HEXACHLOROCYCLOPENTADIENE	1	3800	U	3800	570
88-06-2	2,4,6-TRICHLOROPHENOL	1	3800	U	3800	570
95-95-4	2,4,5-TRICHLOROPHENOL	1	3800	U	3800	570
91-58-7	2-CHLORONAPHTHALENE	1	3800	U	3800	570
88-74-4	2-NITROANILINE	1	7500	U	7500	570
131-11-3	DIMETHYL PHTHALATE	1	3800	U	3800	570
606-20-2	2,6-DINITROTOLUENE	1	3800	U	3800	570
208-96-8	ACENAPHTHYLENE	1	3800	U	3800	570
99-09-2	3-NITROANILINE	1	7500	U	7500	570
83-32-9	ACENAPHTHENE	1	3800	U	3800	570
51-28-5	2,4-DINITROPHENOL	1	7500	U	7500	2300
100-02-7	4-NITROPHENOL	1	7500	U	7500	570
132-64-9	DIBENZOFURAN	1	3800	U	3800	570
121-14-2	2,4-DINITROTOLUENE	1	3800	U	3800	570
84-66-2	DIETHYL PHTHALATE	1	3800	U	3800	570
86-73-7	FLUORENE	1	3800	U	3800	570
7005-72-3	4-CHLOROPHENYL PHENYL ETHER	1	3800	U	3800	570
100-01-6	4-NITROANILINE	1	7500	U	7500	570
103-33-3	AZOBENZENE	1	3800	U	3800	570
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1	15000	U	15000	3400
86-30-6	N-NITROSODIPHENYLAMINE	1	3800	U	3800	570
101-55-3	4-BROMOPHENYL PHENYL ETHER	1	3800	U	3800	570
118-74-1	HEXACHLOROBENZENE	1	3800	U	3800	790

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-06-04
Lab ID: 2202436-26

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 53.5
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2839

Analyst: Tyler Knaebel
Sample Aliquot: 5.71 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
58-90-2	2,3,4,6-TETRACHLOROPHENOL	1	3800	U	3800	900
87-86-5	PENTACHLOROPHENOL	1	15000	U	15000	570
85-01-8	PHENANTHRENE	1	3800	U	3800	570
120-12-7	ANTHRACENE	1	3800	U	3800	570
86-74-8	CARBAZOLE	1	3800	U	3800	570
84-74-2	DI-N-BUTYL PHTHALATE	1	3800	U	3800	570
206-44-0	FLUORANTHENE	1	3800	U	3800	570
129-00-0	PYRENE	1	3800	U	3800	570
85-68-7	BUTYL BENZYL PHTHALATE	1	3800	U	3800	570
56-55-3	BENZO(A)ANTHRACENE	1	3800	U	3800	570
91-94-1	3,3'-DICHLOROBENZIDINE	1	3800	U	3800	570
218-01-9	CHRYSENE	1	3800	U	3800	570
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	1	5700	U	5700	570
117-84-0	DI-N-OCTYL PHTHALATE	1	5700	U	5700	570
205-99-2	BENZO(B)FLUORANTHENE	1	3800	U	3800	570
207-08-9	BENZO(K)FLUORANTHENE	1	3800	U	3800	570
50-32-8	BENZO(A)PYRENE	1	3800	U	3800	570
193-39-5	INDENO(1,2,3-CD)PYRENE	1	3800	U	3800	790
53-70-3	DIBENZO(A,H)ANTHRACENE	1	3800	U	3800	570
191-24-2	BENZO(G,H,I)PERYLENE	1	3800	U	3800	570

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-06-04
Lab ID: 2202436-26

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 53.5
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2839

Analyst: Tyler Knaebel
Sample Aliquot: 5.71 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	21000		28300	74	25 - 127
321-60-8	2-FLUOROBIPHENYL	13100		18800	69	34 - 120
367-12-4	2-FLUOROPHENOL	20100		28300	71	38 - 120
4165-60-0	NITROBENZENE-D5	12700		18800	68	31 - 120
4165-62-2	PHENOL-D5	21600		28300	76	45 - 120
1718-51-0	TERPHENYL-D14	14400		18800	77	39 - 120

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins

Work Order Number: 2202436

Client Name: Tetra Tech

ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-06-05
Lab ID: 2202436-27

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 42.6
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2834

Analyst: Tyler Knaebel
Sample Aliquot: 5.28 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
110-86-1	PYRIDINE	1	9900	U	9900	2000
62-75-9	N-NITROSODIMETHYLAMINE	1	3300	U	3300	690
62-53-3	ANILINE	1	3300	U	3300	500
108-95-2	PHENOL	1	3300	U	3300	500
111-44-4	BIS(2-CHLOROETHYL)ETHER	1	3300	U	3300	500
95-57-8	2-CHLOROPHENOL	1	3300	U	3300	500
541-73-1	1,3-DICHLOROBENZENE	1	3300	U	3300	500
106-46-7	1,4-DICHLOROBENZENE	1	3300	U	3300	500
95-50-1	1,2-DICHLOROBENZENE	1	3300	U	3300	500
100-51-6	BENZYL ALCOHOL	1	3300	U	3300	500
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	1	3300	U	3300	590
95-48-7	2-METHYLPHENOL	1	3300	U	3300	500
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	1	3300	U	3300	500
108-39-4	3+4-METHYLPHENOL	1	3300	U	3300	500
67-72-1	HEXACHLOROETHANE	1	3300	U	3300	500
98-95-3	NITROBENZENE	1	3300	U	3300	500
78-59-1	ISOPHORONE	1	3300	U	3300	500
88-75-5	2-NITROPHENOL	1	3300	U	3300	500
105-67-9	2,4-DIMETHYLPHENOL	1	3300	U	3300	500
111-91-1	BIS(2-CHLOROETHOXY)METHANE	1	3300	U	3300	500
120-83-2	2,4-DICHLOROPHENOL	1	3300	U	3300	500
65-85-0	BENZOIC ACID	1	17000	U	17000	3500
120-82-1	1,2,4-TRICHLOROBENZENE	1	3300	U	3300	500
91-20-3	NAPHTHALENE	1	3300	U	3300	500
106-47-8	4-CHLOROANILINE	1	3300	U	3300	500
87-68-3	HEXACHLOROBUTADIENE	1	3300	U	3300	500

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-06-05
Lab ID: 2202436-27

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 42.6
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2834

Analyst: Tyler Knaebel
Sample Aliquot: 5.28 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
59-50-7	4-CHLORO-3-METHYLPHENOL	1	3300	U	3300	500
91-57-6	2-METHYLNAPHTHALENE	1	3300	U	3300	500
90-12-0	1-METHYLNAPHTHALENE	1	3300	U	3300	500
77-47-4	HEXACHLOROCYCLOPENTADIENE	1	3300	U	3300	500
88-06-2	2,4,6-TRICHLOROPHENOL	1	3300	U	3300	500
95-95-4	2,4,5-TRICHLOROPHENOL	1	3300	U	3300	500
91-58-7	2-CHLORONAPHTHALENE	1	3300	U	3300	500
88-74-4	2-NITROANILINE	1	6600	U	6600	500
131-11-3	DIMETHYL PHTHALATE	1	3300	U	3300	500
606-20-2	2,6-DINITROTOLUENE	1	3300	U	3300	500
208-96-8	ACENAPHTHYLENE	1	3300	U	3300	500
99-09-2	3-NITROANILINE	1	6600	U	6600	500
83-32-9	ACENAPHTHENE	1	3300	U	3300	500
51-28-5	2,4-DINITROPHENOL	1	6600	U	6600	2000
100-02-7	4-NITROPHENOL	1	6600	U	6600	500
132-64-9	DIBENZOFURAN	1	3300	U	3300	500
121-14-2	2,4-DINITROTOLUENE	1	3300	U	3300	500
84-66-2	DIETHYL PHTHALATE	1	3300	U	3300	500
86-73-7	FLUORENE	1	3300	U	3300	500
7005-72-3	4-CHLOROPHENYL PHENYL ETHER	1	3300	U	3300	500
100-01-6	4-NITROANILINE	1	6600	U	6600	500
103-33-3	AZOBENZENE	1	3300	U	3300	500
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1	13000	U	13000	3000
86-30-6	N-NITROSODIPHENYLAMINE	1	3300	U	3300	500
101-55-3	4-BROMOPHENYL PHENYL ETHER	1	3300	U	3300	500
118-74-1	HEXACHLOROBENZENE	1	3300	U	3300	690

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-06-05
Lab ID: 2202436-27

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 42.6
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2834

Analyst: Tyler Knaebel
Sample Aliquot: 5.28 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
58-90-2	2,3,4,6-TETRACHLOROPHENOL	1	3300	U	3300	790
87-86-5	PENTACHLOROPHENOL	1	13000	U	13000	500
85-01-8	PHENANTHRENE	1	3300	U	3300	500
120-12-7	ANTHRACENE	1	3300	U	3300	500
86-74-8	CARBAZOLE	1	3300	U	3300	500
84-74-2	DI-N-BUTYL PHTHALATE	1	3300	U	3300	500
206-44-0	FLUORANTHENE	1	3300	U	3300	500
129-00-0	PYRENE	1	3300	U	3300	500
85-68-7	BUTYL BENZYL PHTHALATE	1	3300	U	3300	500
56-55-3	BENZO(A)ANTHRACENE	1	3300	U	3300	500
91-94-1	3,3'-DICHLOROBENZIDINE	1	3300	U	3300	500
218-01-9	CHRYSENE	1	3300	U	3300	500
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	1	5000	U	5000	500
117-84-0	DI-N-OCTYL PHTHALATE	1	5000	U	5000	500
205-99-2	BENZO(B)FLUORANTHENE	1	3300	U	3300	500
207-08-9	BENZO(K)FLUORANTHENE	1	3300	U	3300	500
50-32-8	BENZO(A)PYRENE	1	3300	U	3300	500
193-39-5	INDENO(1,2,3-CD)PYRENE	1	3300	U	3300	690
53-70-3	DIBENZO(A,H)ANTHRACENE	1	3300	U	3300	500
191-24-2	BENZO(G,H,I)PERYLENE	1	3300	U	3300	500

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-06-05
Lab ID: 2202436-27

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 42.6
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2834

Analyst: Tyler Knaebel
Sample Aliquot: 5.28 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	18800		24800	76	25 - 127
321-60-8	2-FLUOROBIPHENYL	12100		16500	73	34 - 120
367-12-4	2-FLUOROPHENOL	18900		24800	76	38 - 120
4165-60-0	NITROBENZENE-D5	11800		16500	71	31 - 120
4165-62-2	PHENOL-D5	20000		24800	81	45 - 120
1718-51-0	TERPHENYL-D14	13300		16500	81	39 - 120

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-06-06
Lab ID: 2202436-28

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 37.5
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2835

Analyst: Tyler Knaebel
Sample Aliquot: 5.67 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
110-86-1	PYRIDINE	1	8500	U	8500	1700
62-75-9	N-NITROSODIMETHYLAMINE	1	2800	U	2800	590
62-53-3	ANILINE	1	2800	U	2800	420
108-95-2	PHENOL	1	2800	U	2800	420
111-44-4	BIS(2-CHLOROETHYL)ETHER	1	2800	U	2800	420
95-57-8	2-CHLOROPHENOL	1	2800	U	2800	420
541-73-1	1,3-DICHLOROBENZENE	1	2800	U	2800	420
106-46-7	1,4-DICHLOROBENZENE	1	2800	U	2800	420
95-50-1	1,2-DICHLOROBENZENE	1	2800	U	2800	420
100-51-6	BENZYL ALCOHOL	1	2800	U	2800	420
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	1	2800	U	2800	510
95-48-7	2-METHYLPHENOL	1	2800	U	2800	420
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	1	2800	U	2800	420
108-39-4	3+4-METHYLPHENOL	1	2800	U	2800	420
67-72-1	HEXACHLOROETHANE	1	2800	U	2800	420
98-95-3	NITROBENZENE	1	2800	U	2800	420
78-59-1	ISOPHORONE	1	2800	U	2800	420
88-75-5	2-NITROPHENOL	1	2800	U	2800	420
105-67-9	2,4-DIMETHYLPHENOL	1	2800	U	2800	420
111-91-1	BIS(2-CHLOROETHOXY)METHANE	1	2800	U	2800	420
120-83-2	2,4-DICHLOROPHENOL	1	2800	U	2800	420
65-85-0	BENZOIC ACID	1	14000	U	14000	3000
120-82-1	1,2,4-TRICHLOROBENZENE	1	2800	U	2800	420
91-20-3	NAPHTHALENE	1	2800	U	2800	420
106-47-8	4-CHLOROANILINE	1	2800	U	2800	420
87-68-3	HEXACHLOROBUTADIENE	1	2800	U	2800	420

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-06-06
Lab ID: 2202436-28

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 37.5
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2835

Analyst: Tyler Knaebel
Sample Aliquot: 5.67 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
59-50-7	4-CHLORO-3-METHYLPHENOL	1	2800	U	2800	420
91-57-6	2-METHYLNAPHTHALENE	1	2800	U	2800	420
90-12-0	1-METHYLNAPHTHALENE	1	2800	U	2800	420
77-47-4	HEXACHLOROCYCLOPENTADIENE	1	2800	U	2800	420
88-06-2	2,4,6-TRICHLOROPHENOL	1	2800	U	2800	420
95-95-4	2,4,5-TRICHLOROPHENOL	1	2800	U	2800	420
91-58-7	2-CHLORONAPHTHALENE	1	2800	U	2800	420
88-74-4	2-NITROANILINE	1	5600	U	5600	420
131-11-3	DIMETHYL PHTHALATE	1	2800	U	2800	420
606-20-2	2,6-DINITROTOLUENE	1	2800	U	2800	420
208-96-8	ACENAPHTHYLENE	1	2800	U	2800	420
99-09-2	3-NITROANILINE	1	5600	U	5600	420
83-32-9	ACENAPHTHENE	1	2800	U	2800	420
51-28-5	2,4-DINITROPHENOL	1	5600	U	5600	1700
100-02-7	4-NITROPHENOL	1	5600	U	5600	420
132-64-9	DIBENZOFURAN	1	2800	U	2800	420
121-14-2	2,4-DINITROTOLUENE	1	2800	U	2800	420
84-66-2	DIETHYL PHTHALATE	1	2800	U	2800	420
86-73-7	FLUORENE	1	2800	U	2800	420
7005-72-3	4-CHLOROPHENYL PHENYL ETHER	1	2800	U	2800	420
100-01-6	4-NITROANILINE	1	5600	U	5600	420
103-33-3	AZOBENZENE	1	2800	U	2800	420
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1	11000	U	11000	2500
86-30-6	N-NITROSODIPHENYLAMINE	1	2800	U	2800	420
101-55-3	4-BROMOPHENYL PHENYL ETHER	1	2800	U	2800	420
118-74-1	HEXACHLOROBENZENE	1	2800	U	2800	590

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-06-06
Lab ID: 2202436-28

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 37.5
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2835

Analyst: Tyler Knaebel
Sample Aliquot: 5.67 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
58-90-2	2,3,4,6-TETRACHLOROPHENOL	1	2800	U	2800	680
87-86-5	PENTACHLOROPHENOL	1	11000	U	11000	420
85-01-8	PHENANTHRENE	1	2800	U	2800	420
120-12-7	ANTHRACENE	1	2800	U	2800	420
86-74-8	CARBAZOLE	1	2800	U	2800	420
84-74-2	DI-N-BUTYL PHTHALATE	1	2800	U	2800	420
206-44-0	FLUORANTHENE	1	2800	U	2800	420
129-00-0	PYRENE	1	2800	U	2800	420
85-68-7	BUTYL BENZYL PHTHALATE	1	2800	U	2800	420
56-55-3	BENZO(A)ANTHRACENE	1	2800	U	2800	420
91-94-1	3,3'-DICHLOROBENZIDINE	1	2800	U	2800	420
218-01-9	CHRYSENE	1	2800	U	2800	420
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	1	4200	U	4200	420
117-84-0	DI-N-OCTYL PHTHALATE	1	4200	U	4200	420
205-99-2	BENZO(B)FLUORANTHENE	1	2800	U	2800	420
207-08-9	BENZO(K)FLUORANTHENE	1	2800	U	2800	420
50-32-8	BENZO(A)PYRENE	1	2800	U	2800	420
193-39-5	INDENO(1,2,3-CD)PYRENE	1	2800	U	2800	590
53-70-3	DIBENZO(A,H)ANTHRACENE	1	2800	U	2800	420
191-24-2	BENZO(G,H,I)PERYLENE	1	2800	U	2800	420

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-06-06
Lab ID: 2202436-28

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 37.5
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2835

Analyst: Tyler Knaebel
Sample Aliquot: 5.67 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	14700		21100	69	25 - 127
321-60-8	2-FLUOROBIPHENYL	9880		14100	70	34 - 120
367-12-4	2-FLUOROPHENOL	15500		21100	73	38 - 120
4165-60-0	NITROBENZENE-D5	9640		14100	68	31 - 120
4165-62-2	PHENOL-D5	16200		21100	77	45 - 120
1718-51-0	TERPHENYL-D14	10700		14100	76	39 - 120

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-07-01
Lab ID: 2202436-29

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 15.9
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2836

Analyst: Tyler Knaebel
Sample Aliquot: 5.13 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
110-86-1	PYRIDINE	1	7000	U	7000	1400
62-75-9	N-NITROSODIMETHYLAMINE	1	2300	U	2300	490
62-53-3	ANILINE	1	2300	U	2300	350
108-95-2	PHENOL	1	2300	U	2300	350
111-44-4	BIS(2-CHLOROETHYL)ETHER	1	2300	U	2300	350
95-57-8	2-CHLOROPHENOL	1	2300	U	2300	350
541-73-1	1,3-DICHLOROBENZENE	1	2300	U	2300	350
106-46-7	1,4-DICHLOROBENZENE	1	2300	U	2300	350
95-50-1	1,2-DICHLOROBENZENE	1	2300	U	2300	350
100-51-6	BENZYL ALCOHOL	1	2300	U	2300	350
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	1	2300	U	2300	420
95-48-7	2-METHYLPHENOL	1	2300	U	2300	350
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	1	510	J	2300	350
108-39-4	3+4-METHYLPHENOL	1	2300	U	2300	350
67-72-1	HEXACHLOROETHANE	1	2300	U	2300	350
98-95-3	NITROBENZENE	1	2300	U	2300	350
78-59-1	ISOPHORONE	1	2300	U	2300	350
88-75-5	2-NITROPHENOL	1	2300	U	2300	350
105-67-9	2,4-DIMETHYLPHENOL	1	2300	U	2300	350
111-91-1	BIS(2-CHLOROETHOXY)METHANE	1	2300	U	2300	350
120-83-2	2,4-DICHLOROPHENOL	1	2300	U	2300	350
65-85-0	BENZOIC ACID	1	12000	U	12000	2400
120-82-1	1,2,4-TRICHLOROBENZENE	1	2300	U	2300	350
91-20-3	NAPHTHALENE	1	2300	U	2300	350
106-47-8	4-CHLOROANILINE	1	2300	U	2300	350
87-68-3	HEXACHLOROBUTADIENE	1	2300	U	2300	350

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-07-01
Lab ID: 2202436-29

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 15.9
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2836

Analyst: Tyler Knaebel
Sample Aliquot: 5.13 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
59-50-7	4-CHLORO-3-METHYLPHENOL	1	2300	U	2300	350
91-57-6	2-METHYLNAPHTHALENE	1	2300	U	2300	350
90-12-0	1-METHYLNAPHTHALENE	1	2300	U	2300	350
77-47-4	HEXACHLOROCYCLOPENTADIENE	1	2300	U	2300	350
88-06-2	2,4,6-TRICHLOROPHENOL	1	2300	U	2300	350
95-95-4	2,4,5-TRICHLOROPHENOL	1	2300	U	2300	350
91-58-7	2-CHLORONAPHTHALENE	1	2300	U	2300	350
88-74-4	2-NITROANILINE	1	4600	U	4600	350
131-11-3	DIMETHYL PHTHALATE	1	2300	U	2300	350
606-20-2	2,6-DINITROTOLUENE	1	2300	U	2300	350
208-96-8	ACENAPHTHYLENE	1	2300	U	2300	350
99-09-2	3-NITROANILINE	1	4600	U	4600	350
83-32-9	ACENAPHTHENE	1	2300	U	2300	350
51-28-5	2,4-DINITROPHENOL	1	4600	U	4600	1400
100-02-7	4-NITROPHENOL	1	4600	U	4600	350
132-64-9	DIBENZOFURAN	1	2300	U	2300	350
121-14-2	2,4-DINITROTOLUENE	1	2300	U	2300	350
84-66-2	DIETHYL PHTHALATE	1	2300	U	2300	350
86-73-7	FLUORENE	1	2300	U	2300	350
7005-72-3	4-CHLOROPHENYL PHENYL ETHER	1	2300	U	2300	350
100-01-6	4-NITROANILINE	1	4600	U	4600	350
103-33-3	AZOBENZENE	1	2300	U	2300	350
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1	9300	U	9300	2100
86-30-6	N-NITROSODIPHENYLAMINE	1	2300	U	2300	350
101-55-3	4-BROMOPHENYL PHENYL ETHER	1	2300	U	2300	350
118-74-1	HEXACHLOROBENZENE	1	2300	U	2300	490

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-07-01
Lab ID: 2202436-29

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 15.9
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2836

Analyst: Tyler Knaebel
Sample Aliquot: 5.13 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
58-90-2	2,3,4,6-TETRACHLOROPHENOL	1	2300	U	2300	560
87-86-5	PENTACHLOROPHENOL	1	9300	U	9300	350
85-01-8	PHENANTHRENE	1	2300	U	2300	350
120-12-7	ANTHRACENE	1	2300	U	2300	350
86-74-8	CARBAZOLE	1	2300	U	2300	350
84-74-2	DI-N-BUTYL PHTHALATE	1	2300	U	2300	350
206-44-0	FLUORANTHENE	1	2300	U	2300	350
129-00-0	PYRENE	1	2300	U	2300	350
85-68-7	BUTYL BENZYL PHTHALATE	1	2300	U	2300	350
56-55-3	BENZO(A)ANTHRACENE	1	2300	U	2300	350
91-94-1	3,3'-DICHLOROBENZIDINE	1	2300	U	2300	350
218-01-9	CHRYSENE	1	2300	U	2300	350
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	1	3500	U	3500	350
117-84-0	DI-N-OCTYL PHTHALATE	1	3500	U	3500	350
205-99-2	BENZO(B)FLUORANTHENE	1	2300	U	2300	350
207-08-9	BENZO(K)FLUORANTHENE	1	2300	U	2300	350
50-32-8	BENZO(A)PYRENE	1	2300	U	2300	350
193-39-5	INDENO(1,2,3-CD)PYRENE	1	2300	U	2300	490
53-70-3	DIBENZO(A,H)ANTHRACENE	1	2300	U	2300	350
191-24-2	BENZO(G,H,I)PERYLENE	1	2300	U	2300	350

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-07-01
Lab ID: 2202436-29

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 15.9
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2836

Analyst: Tyler Knaebel
Sample Aliquot: 5.13 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	13700		17400	79	25 - 127
321-60-8	2-FLUOROBIPHENYL	8500		11600	73	34 - 120
367-12-4	2-FLUOROPHENOL	13200		17400	76	38 - 120
4165-60-0	NITROBENZENE-D5	8260		11600	71	31 - 120
4165-62-2	PHENOL-D5	14000		17400	80	45 - 120
1718-51-0	TERPHENYL-D14	9440		11600	81	39 - 120

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-06-02
Lab ID: 2202436-30

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 22.1
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2838

Analyst: Tyler Knaebel
Sample Aliquot: 5.34 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
110-86-1	PYRIDINE	1	7200	U	7200	1400
62-75-9	N-NITROSODIMETHYLAMINE	1	2400	U	2400	500
62-53-3	ANILINE	1	2400	U	2400	360
108-95-2	PHENOL	1	2400	U	2400	360
111-44-4	BIS(2-CHLOROETHYL)ETHER	1	2400	U	2400	360
95-57-8	2-CHLOROPHENOL	1	2400	U	2400	360
541-73-1	1,3-DICHLOROBENZENE	1	2400	U	2400	360
106-46-7	1,4-DICHLOROBENZENE	1	2400	U	2400	360
95-50-1	1,2-DICHLOROBENZENE	1	2400	U	2400	360
100-51-6	BENZYL ALCOHOL	1	2400	U	2400	360
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	1	2400	U	2400	430
95-48-7	2-METHYLPHENOL	1	2400	U	2400	360
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	1	2400	U	2400	360
108-39-4	3+4-METHYLPHENOL	1	2700		2400	360
67-72-1	HEXACHLOROETHANE	1	2400	U	2400	360
98-95-3	NITROBENZENE	1	2400	U	2400	360
78-59-1	ISOPHORONE	1	2400	U	2400	360
88-75-5	2-NITROPHENOL	1	2400	U	2400	360
105-67-9	2,4-DIMETHYLPHENOL	1	2400	U	2400	360
111-91-1	BIS(2-CHLOROETHOXY)METHANE	1	2400	U	2400	360
120-83-2	2,4-DICHLOROPHENOL	1	2400	U	2400	360
65-85-0	BENZOIC ACID	1	12000	U	12000	2500
120-82-1	1,2,4-TRICHLOROBENZENE	1	2400	U	2400	360
91-20-3	NAPHTHALENE	1	2400	U	2400	360
106-47-8	4-CHLOROANILINE	1	2400	U	2400	360
87-68-3	HEXACHLOROBUTADIENE	1	2400	U	2400	360

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-06-02
Lab ID: 2202436-30

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 22.1
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2838

Analyst: Tyler Knaebel
Sample Aliquot: 5.34 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
59-50-7	4-CHLORO-3-METHYLPHENOL	1	2400	U	2400	360
91-57-6	2-METHYLNAPHTHALENE	1	2400	U	2400	360
90-12-0	1-METHYLNAPHTHALENE	1	2400	U	2400	360
77-47-4	HEXACHLOROCYCLOPENTADIENE	1	2400	U	2400	360
88-06-2	2,4,6-TRICHLOROPHENOL	1	2400	U	2400	360
95-95-4	2,4,5-TRICHLOROPHENOL	1	2400	U	2400	360
91-58-7	2-CHLORONAPHTHALENE	1	2400	U	2400	360
88-74-4	2-NITROANILINE	1	4800	U	4800	360
131-11-3	DIMETHYL PHTHALATE	1	2400	U	2400	360
606-20-2	2,6-DINITROTOLUENE	1	2400	U	2400	360
208-96-8	ACENAPHTHYLENE	1	2400	U	2400	360
99-09-2	3-NITROANILINE	1	4800	U	4800	360
83-32-9	ACENAPHTHENE	1	2400	U	2400	360
51-28-5	2,4-DINITROPHENOL	1	4800	U	4800	1400
100-02-7	4-NITROPHENOL	1	4800	U	4800	360
132-64-9	DIBENZOFURAN	1	2400	U	2400	360
121-14-2	2,4-DINITROTOLUENE	1	2400	U	2400	360
84-66-2	DIETHYL PHTHALATE	1	2400	U	2400	360
86-73-7	FLUORENE	1	2400	U	2400	360
7005-72-3	4-CHLOROPHENYL PHENYL ETHER	1	2400	U	2400	360
100-01-6	4-NITROANILINE	1	4800	U	4800	360
103-33-3	AZOBENZENE	1	2400	U	2400	360
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1	9600	U	9600	2200
86-30-6	N-NITROSODIPHENYLAMINE	1	2400	U	2400	360
101-55-3	4-BROMOPHENYL PHENYL ETHER	1	2400	U	2400	360
118-74-1	HEXACHLOROBENZENE	1	2400	U	2400	500

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-06-02
Lab ID: 2202436-30

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 22.1
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2838

Analyst: Tyler Knaebel
Sample Aliquot: 5.34 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
58-90-2	2,3,4,6-TETRACHLOROPHENOL	1	2400	U	2400	580
87-86-5	PENTACHLOROPHENOL	1	9600	U	9600	360
85-01-8	PHENANTHRENE	1	2400	U	2400	360
120-12-7	ANTHRACENE	1	2400	U	2400	360
86-74-8	CARBAZOLE	1	2400	U	2400	360
84-74-2	DI-N-BUTYL PHTHALATE	1	2400	U	2400	360
206-44-0	FLUORANTHENE	1	2400	U	2400	360
129-00-0	PYRENE	1	2400	U	2400	360
85-68-7	BUTYL BENZYL PHTHALATE	1	2400	U	2400	360
56-55-3	BENZO(A)ANTHRACENE	1	2400	U	2400	360
91-94-1	3,3'-DICHLOROBENZIDINE	1	2400	U	2400	360
218-01-9	CHRYSENE	1	2400	U	2400	360
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	1	3600	U	3600	360
117-84-0	DI-N-OCTYL PHTHALATE	1	3600	U	3600	360
205-99-2	BENZO(B)FLUORANTHENE	1	2400	U	2400	360
207-08-9	BENZO(K)FLUORANTHENE	1	2400	U	2400	360
50-32-8	BENZO(A)PYRENE	1	2400	U	2400	360
193-39-5	INDENO(1,2,3-CD)PYRENE	1	2400	U	2400	500
53-70-3	DIBENZO(A,H)ANTHRACENE	1	2400	U	2400	360
191-24-2	BENZO(G,H,I)PERYLENE	1	2400	U	2400	360

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-06-02
Lab ID: 2202436-30

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 22.1
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2838

Analyst: Tyler Knaebel
Sample Aliquot: 5.34 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	15400		18000	85	25 - 127
321-60-8	2-FLUOROBIPHENYL	9720		12000	81	34 - 120
367-12-4	2-FLUOROPHENOL	14400		18000	80	38 - 120
4165-60-0	NITROBENZENE-D5	9020		12000	75	31 - 120
4165-62-2	PHENOL-D5	15600		18000	87	45 - 120
1718-51-0	TERPHENYL-D14	10700		12000	89	39 - 120

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-04-01-DUP
Lab ID: 2202436-31

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 28.7
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2837

Analyst: Tyler Knaebel
Sample Aliquot: 5.36 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
110-86-1	PYRIDINE	1	7800	U	7800	1600
62-75-9	N-NITROSODIMETHYLAMINE	1	2600	U	2600	550
62-53-3	ANILINE	1	2600	U	2600	390
108-95-2	PHENOL	1	2600	U	2600	390
111-44-4	BIS(2-CHLOROETHYL)ETHER	1	2600	U	2600	390
95-57-8	2-CHLOROPHENOL	1	2600	U	2600	390
541-73-1	1,3-DICHLOROBENZENE	1	2600	U	2600	390
106-46-7	1,4-DICHLOROBENZENE	1	2600	U	2600	390
95-50-1	1,2-DICHLOROBENZENE	1	2600	U	2600	390
100-51-6	BENZYL ALCOHOL	1	2600	U	2600	390
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	1	2600	U	2600	470
95-48-7	2-METHYLPHENOL	1	2600	U	2600	390
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	1	2600	U	2600	390
108-39-4	3+4-METHYLPHENOL	1	2600	U	2600	390
67-72-1	HEXACHLOROETHANE	1	2600	U	2600	390
98-95-3	NITROBENZENE	1	2600	U	2600	390
78-59-1	ISOPHORONE	1	2600	U	2600	390
88-75-5	2-NITROPHENOL	1	2600	U	2600	390
105-67-9	2,4-DIMETHYLPHENOL	1	2600	U	2600	390
111-91-1	BIS(2-CHLOROETHOXY)METHANE	1	2600	U	2600	390
120-83-2	2,4-DICHLOROPHENOL	1	2600	U	2600	390
65-85-0	BENZOIC ACID	1	13000	U	13000	2700
120-82-1	1,2,4-TRICHLOROBENZENE	1	2600	U	2600	390
91-20-3	NAPHTHALENE	1	2600	U	2600	390
106-47-8	4-CHLOROANILINE	1	2600	U	2600	390
87-68-3	HEXACHLOROBUTADIENE	1	2600	U	2600	390

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-04-01-DUP
Lab ID: 2202436-31

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 28.7
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2837

Analyst: Tyler Knaebel
Sample Aliquot: 5.36 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
59-50-7	4-CHLORO-3-METHYLPHENOL	1	2600	U	2600	390
91-57-6	2-METHYLNAPHTHALENE	1	2600	U	2600	390
90-12-0	1-METHYLNAPHTHALENE	1	2600	U	2600	390
77-47-4	HEXACHLOROCYCLOPENTADIENE	1	2600	U	2600	390
88-06-2	2,4,6-TRICHLOROPHENOL	1	2600	U	2600	390
95-95-4	2,4,5-TRICHLOROPHENOL	1	2600	U	2600	390
91-58-7	2-CHLORONAPHTHALENE	1	2600	U	2600	390
88-74-4	2-NITROANILINE	1	5200	U	5200	390
131-11-3	DIMETHYL PHTHALATE	1	2600	U	2600	390
606-20-2	2,6-DINITROTOLUENE	1	2600	U	2600	390
208-96-8	ACENAPHTHYLENE	1	2600	U	2600	390
99-09-2	3-NITROANILINE	1	5200	U	5200	390
83-32-9	ACENAPHTHENE	1	2600	U	2600	390
51-28-5	2,4-DINITROPHENOL	1	5200	U	5200	1600
100-02-7	4-NITROPHENOL	1	5200	U	5200	390
132-64-9	DIBENZOFURAN	1	2600	U	2600	390
121-14-2	2,4-DINITROTOLUENE	1	2600	U	2600	390
84-66-2	DIETHYL PHTHALATE	1	2600	U	2600	390
86-73-7	FLUORENE	1	2600	U	2600	390
7005-72-3	4-CHLOROPHENYL PHENYL ETHER	1	2600	U	2600	390
100-01-6	4-NITROANILINE	1	5200	U	5200	390
103-33-3	AZOBENZENE	1	2600	U	2600	390
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1	10000	U	10000	2400
86-30-6	N-NITROSODIPHENYLAMINE	1	2600	U	2600	390
101-55-3	4-BROMOPHENYL PHENYL ETHER	1	2600	U	2600	390
118-74-1	HEXACHLOROBENZENE	1	2600	U	2600	550

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-04-01-DUP
Lab ID: 2202436-31

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 28.7
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2837

Analyst: Tyler Knaebel
Sample Aliquot: 5.36 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
58-90-2	2,3,4,6-TETRACHLOROPHENOL	1	2600	U	2600	630
87-86-5	PENTACHLOROPHENOL	1	10000	U	10000	390
85-01-8	PHENANTHRENE	1	2600	U	2600	390
120-12-7	ANTHRACENE	1	2600	U	2600	390
86-74-8	CARBAZOLE	1	2600	U	2600	390
84-74-2	DI-N-BUTYL PHTHALATE	1	2600	U	2600	390
206-44-0	FLUORANTHENE	1	2600	U	2600	390
129-00-0	PYRENE	1	2600	U	2600	390
85-68-7	BUTYL BENZYL PHTHALATE	1	2600	U	2600	390
56-55-3	BENZO(A)ANTHRACENE	1	2600	U	2600	390
91-94-1	3,3'-DICHLOROBENZIDINE	1	2600	U	2600	390
218-01-9	CHRYSENE	1	2600	U	2600	390
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	1	3900	U	3900	390
117-84-0	DI-N-OCTYL PHTHALATE	1	3900	U	3900	390
205-99-2	BENZO(B)FLUORANTHENE	1	2600	U	2600	390
207-08-9	BENZO(K)FLUORANTHENE	1	2600	U	2600	390
50-32-8	BENZO(A)PYRENE	1	2600	U	2600	390
193-39-5	INDENO(1,2,3-CD)PYRENE	1	2600	U	2600	550
53-70-3	DIBENZO(A,H)ANTHRACENE	1	2600	U	2600	390
191-24-2	BENZO(G,H,I)PERYLENE	1	2600	U	2600	390

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-04-01-DUP
Lab ID: 2202436-31

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 28.7
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2837

Analyst: Tyler Knaebel
Sample Aliquot: 5.36 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	16700		19600	85	25 - 127
321-60-8	2-FLUOROBIPHENYL	10300		13100	79	34 - 120
367-12-4	2-FLUOROPHENOL	15600		19600	79	38 - 120
4165-60-0	NITROBENZENE-D5	9730		13100	74	31 - 120
4165-62-2	PHENOL-D5	16800		19600	86	45 - 120
1718-51-0	TERPHENYL-D14	11400		13100	87	39 - 120

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-03-04-DUP
Lab ID: 2202436-32

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 7.8
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 12-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220312-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2886

Analyst: Tyler Knaebel
Sample Aliquot: 5.26 g
Final Volume: 5 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
110-86-1	PYRIDINE	2	62000	U	62000	12000
62-75-9	N-NITROSODIMETHYLAMINE	2	21000	U	21000	4300
62-53-3	ANILINE	2	21000	U	21000	3100
108-95-2	PHENOL	2	21000	U	21000	3100
111-44-4	BIS(2-CHLOROETHYL)ETHER	2	21000	U	21000	3100
95-57-8	2-CHLOROPHENOL	2	21000	U	21000	3100
541-73-1	1,3-DICHLOROBENZENE	2	21000	U	21000	3100
106-46-7	1,4-DICHLOROBENZENE	2	21000	U	21000	3100
95-50-1	1,2-DICHLOROBENZENE	2	21000	U	21000	3100
100-51-6	BENZYL ALCOHOL	2	21000	U	21000	3100
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	2	21000	U	21000	3700
95-48-7	2-METHYLPHENOL	2	21000	U	21000	3100
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	2	21000	U	21000	3100
108-39-4	3+4-METHYLPHENOL	2	21000	U	21000	3100
67-72-1	HEXACHLOROETHANE	2	21000	U	21000	3100
98-95-3	NITROBENZENE	2	21000	U	21000	3100
78-59-1	ISOPHORONE	2	21000	U	21000	3100
88-75-5	2-NITROPHENOL	2	21000	U	21000	3100
105-67-9	2,4-DIMETHYLPHENOL	2	21000	U	21000	3100
111-91-1	BIS(2-CHLOROETHOXY)METHANE	2	21000	U	21000	3100
120-83-2	2,4-DICHLOROPHENOL	2	21000	U	21000	3100
65-85-0	BENZOIC ACID	2	100000	U	100000	22000
120-82-1	1,2,4-TRICHLOROBENZENE	2	21000	U	21000	3100
91-20-3	NAPHTHALENE	2	21000	U	21000	3100
106-47-8	4-CHLOROANILINE	2	21000	U	21000	3100
87-68-3	HEXACHLOROBUTADIENE	2	21000	U	21000	3100

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-03-04-DUP
Lab ID: 2202436-32

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 7.8
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 12-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220312-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2886

Analyst: Tyler Knaebel
Sample Aliquot: 5.26 g
Final Volume: 5 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
59-50-7	4-CHLORO-3-METHYLPHENOL	2	21000	U	21000	3100
91-57-6	2-METHYLNAPHTHALENE	2	21000	U	21000	3100
90-12-0	1-METHYLNAPHTHALENE	2	21000	U	21000	3100
77-47-4	HEXACHLOROCYCLOPENTADIENE	2	21000	U	21000	3100
88-06-2	2,4,6-TRICHLOROPHENOL	2	21000	U	21000	3100
95-95-4	2,4,5-TRICHLOROPHENOL	2	21000	U	21000	3100
91-58-7	2-CHLORONAPHTHALENE	2	21000	U	21000	3100
88-74-4	2-NITROANILINE	2	41000	U	41000	3100
131-11-3	DIMETHYL PHTHALATE	2	21000	U	21000	3100
606-20-2	2,6-DINITROTOLUENE	2	21000	U	21000	3100
208-96-8	ACENAPHTHYLENE	2	21000	U	21000	3100
99-09-2	3-NITROANILINE	2	41000	U	41000	3100
83-32-9	ACENAPHTHENE	2	21000	U	21000	3100
51-28-5	2,4-DINITROPHENOL	2	41000	U	41000	12000
100-02-7	4-NITROPHENOL	2	41000	U	41000	3100
132-64-9	DIBENZOFURAN	2	21000	U	21000	3100
121-14-2	2,4-DINITROTOLUENE	2	21000	U	21000	3100
84-66-2	DIETHYL PHTHALATE	2	21000	U	21000	3100
86-73-7	FLUORENE	2	21000	U	21000	3100
7005-72-3	4-CHLOROPHENYL PHENYL ETHER	2	21000	U	21000	3100
100-01-6	4-NITROANILINE	2	41000	U	41000	3100
103-33-3	AZOBENZENE	2	21000	U	21000	3100
534-52-1	4,6-DINITRO-2-METHYLPHENOL	2	82000	U	82000	19000
86-30-6	N-NITROSODIPHENYLAMINE	2	21000	U	21000	3100
101-55-3	4-BROMOPHENYL PHENYL ETHER	2	21000	U	21000	3100
118-74-1	HEXACHLOROBENZENE	2	21000	U	21000	4300

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-03-04-DUP
Lab ID: 2202436-32

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 7.8
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 12-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220312-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2886

Analyst: Tyler Knaebel
Sample Aliquot: 5.26 g
Final Volume: 5 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
58-90-2	2,3,4,6-TETRACHLOROPHENOL	2	21000	U	21000	4900
87-86-5	PENTACHLOROPHENOL	2	82000	U	82000	3100
85-01-8	PHENANTHRENE	2	21000	U	21000	3100
120-12-7	ANTHRACENE	2	21000	U	21000	3100
86-74-8	CARBAZOLE	2	21000	U	21000	3100
84-74-2	DI-N-BUTYL PHTHALATE	2	21000	U	21000	3100
206-44-0	FLUORANTHENE	2	21000	U	21000	3100
129-00-0	PYRENE	2	21000	U	21000	3100
85-68-7	BUTYL BENZYL PHTHALATE	2	21000	U	21000	3100
56-55-3	BENZO(A)ANTHRACENE	2	21000	U	21000	3100
91-94-1	3,3'-DICHLOROBENZIDINE	2	21000	U	21000	3100
218-01-9	CHRYSENE	2	21000	U	21000	3100
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	2	31000	U	31000	3100
117-84-0	DI-N-OCTYL PHTHALATE	2	31000	U	31000	3100
205-99-2	BENZO(B)FLUORANTHENE	2	21000	U	21000	3100
207-08-9	BENZO(K)FLUORANTHENE	2	21000	U	21000	3100
50-32-8	BENZO(A)PYRENE	2	21000	U	21000	3100
193-39-5	INDENO(1,2,3-CD)PYRENE	2	21000	U	21000	4300
53-70-3	DIBENZO(A,H)ANTHRACENE	2	21000	U	21000	3100
191-24-2	BENZO(G,H,I)PERYLENE	2	21000	U	21000	3100

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-03-04-DUP
Lab ID: 2202436-32

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 7.8
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 12-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220312-4
Cleanup: NONE
Basis: Dry Weight
File Name: SV2886

Analyst: Tyler Knaebel
Sample Aliquot: 5.26 g
Final Volume: 5 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	10900		15500	71	25 - 127
321-60-8	2-FLUOROBIPHENYL	7160		10300	69	34 - 120
367-12-4	2-FLUOROPHENOL	9710		15500	63	38 - 120
4165-60-0	NITROBENZENE-D5	7170		10300	70	31 - 120
4165-62-2	PHENOL-D5	9700		15500	63	45 - 120
1718-51-0	TERPHENYL-D14	7380		10300	72	39 - 120

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-09-06-DUP
Lab ID: 2202436-33

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 16.2
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2840

Analyst: Tyler Knaebel
Sample Aliquot: 5.19 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
110-86-1	PYRIDINE	2	14000	U	14000	2800
62-75-9	N-NITROSODIMETHYLAMINE	2	4600	U	4600	970
62-53-3	ANILINE	2	4600	U	4600	690
108-95-2	PHENOL	2	4600	U	4600	690
111-44-4	BIS(2-CHLOROETHYL)ETHER	2	4600	U	4600	690
95-57-8	2-CHLOROPHENOL	2	4600	U	4600	690
541-73-1	1,3-DICHLOROBENZENE	2	4600	U	4600	690
106-46-7	1,4-DICHLOROBENZENE	2	4600	U	4600	690
95-50-1	1,2-DICHLOROBENZENE	2	4600	U	4600	690
100-51-6	BENZYL ALCOHOL	2	4600	U	4600	690
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	2	4600	U	4600	830
95-48-7	2-METHYLPHENOL	2	4600	U	4600	690
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	2	4600	U	4600	690
108-39-4	3+4-METHYLPHENOL	2	4600	U	4600	690
67-72-1	HEXACHLOROETHANE	2	4600	U	4600	690
98-95-3	NITROBENZENE	2	4600	U	4600	690
78-59-1	ISOPHORONE	2	4600	U	4600	690
88-75-5	2-NITROPHENOL	2	4600	U	4600	690
105-67-9	2,4-DIMETHYLPHENOL	2	4600	U	4600	690
111-91-1	BIS(2-CHLOROETHOXY)METHANE	2	4600	U	4600	690
120-83-2	2,4-DICHLOROPHENOL	2	4600	U	4600	690
65-85-0	BENZOIC ACID	2	19000	J	23000	4800
120-82-1	1,2,4-TRICHLOROBENZENE	2	4600	U	4600	690
91-20-3	NAPHTHALENE	2	2500	J	4600	690
106-47-8	4-CHLOROANILINE	2	4600	U	4600	690
87-68-3	HEXACHLOROBUTADIENE	2	4600	U	4600	690

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-09-06-DUP
Lab ID: 2202436-33

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 16.2
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2840

Analyst: Tyler Knaebel
Sample Aliquot: 5.19 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
59-50-7	4-CHLORO-3-METHYLPHENOL	2	4600	U	4600	690
91-57-6	2-METHYLNAPHTHALENE	2	5400		4600	690
90-12-0	1-METHYLNAPHTHALENE	2	7700		4600	690
77-47-4	HEXACHLOROCYCLOPENTADIENE	2	4600	U	4600	690
88-06-2	2,4,6-TRICHLOROPHENOL	2	4600	U	4600	690
95-95-4	2,4,5-TRICHLOROPHENOL	2	4600	U	4600	690
91-58-7	2-CHLORONAPHTHALENE	2	4600	U	4600	690
88-74-4	2-NITROANILINE	2	9200	U	9200	690
131-11-3	DIMETHYL PHTHALATE	2	4600	U	4600	690
606-20-2	2,6-DINITROTOLUENE	2	4600	U	4600	690
208-96-8	ACENAPHTHYLENE	2	4600	U	4600	690
99-09-2	3-NITROANILINE	2	9200	U	9200	690
83-32-9	ACENAPHTHENE	2	4600	U	4600	690
51-28-5	2,4-DINITROPHENOL	2	9200	U	9200	2800
100-02-7	4-NITROPHENOL	2	9200	U	9200	690
132-64-9	DIBENZOFURAN	2	2400	J	4600	690
121-14-2	2,4-DINITROTOLUENE	2	4600	U	4600	690
84-66-2	DIETHYL PHTHALATE	2	4600	U	4600	690
86-73-7	FLUORENE	2	4600	U	4600	690
7005-72-3	4-CHLOROPHENYL PHENYL ETHER	2	4600	U	4600	690
100-01-6	4-NITROANILINE	2	9200	U	9200	690
103-33-3	AZOBENZENE	2	4600	U	4600	690
534-52-1	4,6-DINITRO-2-METHYLPHENOL	2	18000	U	18000	4100
86-30-6	N-NITROSODIPHENYLAMINE	2	4600	U	4600	690
101-55-3	4-BROMOPHENYL PHENYL ETHER	2	4600	U	4600	690
118-74-1	HEXACHLOROBENZENE	2	4600	U	4600	970

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-09-06-DUP
Lab ID: 2202436-33

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 16.2
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2840

Analyst: Tyler Knaebel
Sample Aliquot: 5.19 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL
58-90-2	2,3,4,6-TETRACHLOROPHENOL	2	4600	U	4600	1100
87-86-5	PENTACHLOROPHENOL	2	18000	U	18000	690
85-01-8	PHENANTHRENE	2	4200	J	4600	690
120-12-7	ANTHRACENE	2	4600	U	4600	690
86-74-8	CARBAZOLE	2	4600	U	4600	690
84-74-2	DI-N-BUTYL PHTHALATE	2	4600	U	4600	690
206-44-0	FLUORANTHENE	2	2100	J	4600	690
129-00-0	PYRENE	2	1600	J	4600	690
85-68-7	BUTYL BENZYL PHTHALATE	2	4600	U	4600	690
56-55-3	BENZO(A)ANTHRACENE	2	4600	U	4600	690
91-94-1	3,3'-DICHLOROBENZIDINE	2	4600	U	4600	690
218-01-9	CHRYSENE	2	1500	J	4600	690
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	2	6900	U	6900	690
117-84-0	DI-N-OCTYL PHTHALATE	2	6900	U	6900	690
205-99-2	BENZO(B)FLUORANTHENE	2	4600	U	4600	690
207-08-9	BENZO(K)FLUORANTHENE	2	4600	U	4600	690
50-32-8	BENZO(A)PYRENE	2	4600	U	4600	690
193-39-5	INDENO(1,2,3-CD)PYRENE	2	4600	U	4600	970
53-70-3	DIBENZO(A,H)ANTHRACENE	2	4600	U	4600	690
191-24-2	BENZO(G,H,I)PERYLENE	2	4600	U	4600	690

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Sample Results

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-09-06-DUP
Lab ID: 2202436-33

Analysis ReqCode: SVOC

Sample Matrix: SOIL
% Moisture: 16.2
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 08-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220308-44
Cleanup: NONE
Basis: Dry Weight
File Name: SV2840

Analyst: Tyler Knaebel
Sample Aliquot: 5.19 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Dilution Factor	Result	Result Qualifier	Reporting Limit	MDL

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	13800		17200	80	25 - 127
321-60-8	2-FLUOROBIPHENYL	9170		11500	80	34 - 120
367-12-4	2-FLUOROPHENOL	13700		17200	79	38 - 120
4165-60-0	NITROBENZENE-D5	9800		11500	85	31 - 120
4165-62-2	PHENOL-D5	14400		17200	84	45 - 120
1718-51-0	TERPHENYL-D14	9550		11500	83	39 - 120

Data Package ID: *SV2202436-1*

Supporting QA/QC Data

Surrogate Summary for GC/MS Semi-volatiles

Method SW8270E

Lab Name: ALS -- Fort Collins

Work Order Number: 2202436

Client Name: Tetra Tech

ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

PrepBatchID: ex220302-1

QC Batch ID: ex220302-1-1

Date Extracted: 3/2/2022

Surrogate Compound	Control Limits Lower	Upper
2,4,6-Tribromophenol	25	127
2-Fluorobiphenyl	34	120
2-Fluorophenol	38	120
Nitrobenzene-d5	31	120
Phenol-d5	45	120
Terphenyl-d14	39	120
1,4-Dioxane-D8		

Lab ID	Client Sample ID	Date Collected	Date Received	246TB % Rec	2FBP % Rec	2FP % Rec	ND5 % Rec	PD5 % Rec	TD14 % Rec	14DioxD8 % Rec
2202436-15	BT-P2-AOI-09-04	2/22/2022	2/24/2022	81	80	83	84	84	82	
2202436-16	BT-P2-AOI-09-03	2/22/2022	2/24/2022	92	84	88	80	87	85	
2202436-2	BT-P2-AOI-03-01	2/22/2022	2/24/2022	43	47	38	44	40	46	
2202436-3	BT-P2-AOI-03-02	2/22/2022	2/24/2022	43	47	39	47	38	47	
2202436-4	BT-P2-AOI-03-03	2/22/2022	2/24/2022	31	34	29	34	8	34	
2202436-7	BT-P2-AOI-03-06	2/22/2022	2/24/2022	20	22	19	24	19	23	
2202436-8	BT-P2-AOI-03-07	2/22/2022	2/24/2022	22	24	22	24	22	24	
ex220302-1MB	XXXXXXX	NA	XXXXXXX	81	79	86	78	87	88	
ex220302-1LCS	XXXXXXX	NA	XXXXXXX	71	65	69	68	71	71	
2202436-1	BT-P2-AOI-02-01	2/22/2022	2/24/2022	20	21	23	21	23	22	
2202436-1MS	BT-P2-AOI-02-01	2/22/2022	2/24/2022	42	39	41	42	42	41	
2202436-1MSD	BT-P2-AOI-02-01	2/22/2022	2/24/2022	40	38	41	41	42	40	
2202436-9	BT-P2-AOI-09-08	2/22/2022	2/24/2022	40	37	41	38	40	40	
2202436-11	BT-P2-AOI-09-09	2/22/2022	2/24/2022	34	31	33	32	34	33	
2202436-12	BT-P2-AOI-09-02	2/22/2022	2/24/2022	66	66	66	70	65	67	
2202436-13	BT-P2-AOI-09-01	2/22/2022	2/24/2022	48	46	50	46	51	48	
2202436-14	BT-PS-AOI-09-10	2/22/2022	2/24/2022	42	39	41	39	42	40	

Data Package ID: *SV2202436-1*

Surrogate Summary for GC/MS Semi-volatiles

Method SW8270E

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

PrepBatchID: EX220303-2
QC Batch ID: EX220303-2-1
Date Extracted: 3/3/2022

Surrogate Compound	Control Limits Lower	Upper
2,4,6-Tribromophenol	25	127
2-Fluorobiphenyl	34	120
2-Fluorophenol	38	120
Nitrobenzene-d5	31	120
Phenol-d5	45	120
Terphenyl-d14	39	120
1,4-Dioxane-D8		

Lab ID	Client Sample ID	Date Collected	Date Received	246TB % Rec	2FBP % Rec	2FP % Rec	ND5 % Rec	PD5 % Rec	TD14 % Rec	14DioxD8 % Rec
EX220303-2MB	XXXXXXX	NA	XXXXXXX	83	80	87	78	89	93	
EX220303-2LCS	XXXXXXX	NA	XXXXXXX	95	86	92	90	95	95	

Data Package ID: *SV2202436-1*

Surrogate Summary for GC/MS Semi-volatiles

Method SW8270E

Lab Name: ALS -- Fort Collins

Work Order Number: 2202436

Client Name: Tetra Tech

ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

PrepBatchID: EX220303-2

QC Batch ID: EX220303-2-1

Date Extracted: 3/3/2022

Surrogate Compound	Control Limits Lower	Upper
2,4,6-Tribromophenol	25	127
2-Fluorobiphenyl	34	120
2-Fluorophenol	38	120
Nitrobenzene-d5	31	120
Phenol-d5	45	120
Terphenyl-d14	39	120
1,4-Dioxane-D8		

Lab ID	Client Sample ID	Date Collected	Date Received	246TB % Rec	2FBP % Rec	2FP % Rec	ND5 % Rec	PD5 % Rec	TD14 % Rec	14DioxD8 % Rec
2202436-17	BT-P2-AOI-09-06	2/22/2022	2/24/2022	62	61	65	65	65	63	
2202436-10	BT-P2-AOI-09-07	2/22/2022	2/24/2022	81	77	78	73	83	82	
2202436-10MS	BT-P2-AOI-09-07	2/22/2022	2/24/2022	82	76	77	77	82	81	
2202436-10MSD	BT-P2-AOI-09-07	2/22/2022	2/24/2022	78	72	70	70	76	78	
2202436-5	BT-P2-AOI-03-04	2/22/2022	2/24/2022	60	64	49	63	50	67	
2202436-6	BT-P2-AOI-03-05	2/22/2022	2/24/2022	77	71	69	70	68	75	

Data Package ID: *SV2202436-1*

Surrogate Summary for GC/MS Semi-volatiles

Method SW8270E

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

PrepBatchID: EX220303-2
QC Batch ID: EX220303-2-1
Date Extracted: 3/3/2022

Surrogate Compound	Control Limits Lower	Upper
2,4,6-Tribromophenol	25	127
2-Fluorobiphenyl	34	120
2-Fluorophenol	38	120
Nitrobenzene-d5	31	120
Phenol-d5	45	120
Terphenyl-d14	39	120
1,4-Dioxane-D8		

Lab ID	Client Sample ID	Date Collected	Date Received	246TB % Rec	2FBP % Rec	2FP % Rec	ND5 % Rec	PD5 % Rec	TD14 % Rec	14DioxD8 % Rec
2202436-18	BT-P2-AOI-09-05	2/22/2022	2/24/2022	88	84	89	84	94	90	
2202436-19	BT-P2-AOI-08-02	2/22/2022	2/24/2022	71	70	72	67	77	73	
2202436-20	BT-P2-AOI-08-01	2/22/2022	2/24/2022	70	66	70	65	73	70	
2202436-21	BT-P2-AOI-07-02	2/22/2022	2/24/2022	86	81	85	79	89	88	
2202436-23	BT-P2-AOI-04-01	2/22/2022	2/24/2022	75	71	73	68	77	75	
2202436-24	BT-P2-AOI-06-01	2/22/2022	2/24/2022	78	77	79	74	84	82	
2202436-25	BT-P2-AOI-06-03	2/22/2022	2/24/2022	75	74	79	74	82	81	
2202436-27	BT-P2-AOI-06-05	2/22/2022	2/24/2022	76	73	76	71	81	81	
2202436-28	BT-P2-AOI-06-06	2/22/2022	2/24/2022	69	70	73	68	77	76	
2202436-29	BT-P2-AOI-07-01	2/22/2022	2/24/2022	79	73	76	71	80	81	
2202436-31	BT-P2-AOI-04-01-DUP	2/22/2022	2/24/2022	85	79	79	74	86	87	
2202436-30	BT-P2-AOI-06-02	2/22/2022	2/24/2022	85	81	80	75	87	89	
2202436-26	BT-P2-AOI-06-04	2/22/2022	2/24/2022	74	69	71	68	76	77	
2202436-33	BT-P2-AOI-09-06-DUP	2/22/2022	2/24/2022	80	80	79	85	84	83	

Data Package ID: *SV2202436-1*

Surrogate Summary for GC/MS Semi-volatiles

Method SW8270E

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

PrepBatchID: EX220303-2
QC Batch ID: EX220303-2-1
Date Extracted: 3/3/2022

Surrogate Compound	Control Limits Lower	Upper
2,4,6-Tribromophenol	25	127
2-Fluorobiphenyl	34	120
2-Fluorophenol	38	120
Nitrobenzene-d5	31	120
Phenol-d5	45	120
Terphenyl-d14	39	120
1,4-Dioxane-D8		

Lab ID	Client Sample ID	Date Collected	Date Received	246TB % Rec	2FBP % Rec	2FP % Rec	ND5 % Rec	PD5 % Rec	TD14 % Rec	14DioxD8 % Rec
2202436-22	BT-P2-AOI-05-01	2/22/2022	2/24/2022	81	73	71	68	77	79	
2202436-32	BT-P2-AOI-03-04-DUP	2/22/2022	2/24/2022	71	69	63	70	63	72	

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Laboratory Control Sample

Lab Name: ALS -- Fort Collins

Work Order Number: 2202436

Client Name: Tetra Tech

ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Lab ID: ex220302-1LCS

Sample Matrix: SOIL
% Moisture: N/A
Date Collected: N/A
Date Extracted: 03/02/2022
Date Analyzed: 03/06/2022
Prep Method: SW35465

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: N/A
File Name: SV2780

Sample Aliquot: 15 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
110-86-1	PYRIDINE	2670	1480	2000	J	56	23 - 120%
62-75-9	N-NITROSODIMETHYLAMINE	2670	1640	667		62	51 - 120%
62-53-3	ANILINE	2670	1380	667		52	52 - 120%
108-95-2	PHENOL	2670	1850	667		69	60 - 120%
111-44-4	BIS(2-CHLOROETHYL)ETHER	2670	1640	667		61	56 - 120%
95-57-8	2-CHLOROPHENOL	2670	1810	667		68	62 - 120%
541-73-1	1,3-DICHLOROBENZENE	2670	1560	667	*	58	62 - 120%
106-46-7	1,4-DICHLOROBENZENE	2670	1610	667	*	60	62 - 120%
95-50-1	1,2-DICHLOROBENZENE	2670	1630	667	*	61	62 - 120%
100-51-6	BENZYL ALCOHOL	2670	1820	667		68	56 - 121%
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	2670	1690	667		63	41 - 120%
95-48-7	2-METHYLPHENOL	2670	1850	667		69	63 - 120%
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	2670	1790	667		67	56 - 120%
108-39-4	3+4-METHYLPHENOL	2670	1930	667		72	62 - 120%
67-72-1	HEXACHLOROETHANE	2670	1750	667		66	58 - 120%
98-95-3	NITROBENZENE	2670	1790	667		67	61 - 120%
78-59-1	ISOPHORONE	2670	1660	667		62	58 - 120%
88-75-5	2-NITROPHENOL	2670	2080	667		78	76 - 120%
105-67-9	2,4-DIMETHYLPHENOL	2670	1780	667		67	57 - 120%
111-91-1	BIS(2-CHLOROETHOXY)METHANE	2670	1740	667		65	63 - 120%
120-83-2	2,4-DICHLOROPHENOL	2670	1810	667		68	68 - 120%
65-85-0	BENZOIC ACID	6670	2490	3330	J	37	10 - 120%
120-82-1	1,2,4-TRICHLOROBENZENE	2670	1540	667	*	58	63 - 120%
91-20-3	NAPHTHALENE	2670	1630	667	*	61	64 - 120%
106-47-8	4-CHLOROANILINE	2670	1230	667	*	46	55 - 120%
87-68-3	HEXACHLOROBUTADIENE	2670	1510	667	*	57	64 - 120%

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270

Laboratory Control Sample

Lab Name: ALS -- Fort Collins

Work Order Number: 2202436

Client Name: Tetra Tech

ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Lab ID: ex220302-1LCS

Sample Matrix: SOIL
% Moisture: N/A
Date Collected: N/A
Date Extracted: 03/02/2022
Date Analyzed: 03/06/2022
Prep Method: SW35465

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: N/A
File Name: SV2780

Sample Aliquot: 15 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
59-50-7	4-CHLORO-3-METHYLPHENOL	2670	1960	667		73	64 - 120%
91-57-6	2-METHYLNAPHTHALENE	2670	1600	667	*	60	63 - 120%
90-12-0	1-METHYLNAPHTHALENE	2670	1690	667	*	63	65 - 120%
77-47-4	HEXACHLOROCYCLOPENTADIENE	2670	825	667		31	22 - 120%
88-06-2	2,4,6-TRICHLOROPHENOL	2670	1720	667	*	64	67 - 120%
95-95-4	2,4,5-TRICHLOROPHENOL	2670	1850	667		69	65 - 120%
91-58-7	2-CHLORONAPHTHALENE	2670	1760	667	*	66	71 - 120%
88-74-4	2-NITROANILINE	2670	2120	1330		79	69 - 120%
131-11-3	DIMETHYL PHTHALATE	2670	1870	667	*	70	76 - 120%
606-20-2	2,6-DINITROTOLUENE	2670	1850	667	*	69	71 - 120%
208-96-8	ACENAPHTHYLENE	2670	1680	667	*	63	67 - 120%
99-09-2	3-NITROANILINE	2670	1810	1330		68	66 - 120%
83-32-9	ACENAPHTHENE	2670	1700	667		64	63 - 120%
51-28-5	2,4-DINITROPHENOL	2670	584	1330	J*	22	25 - 132%
100-02-7	4-NITROPHENOL	2670	1910	1330		72	27 - 138%
132-64-9	DIBENZOFURAN	2670	1740	667	*	65	75 - 120%
121-14-2	2,4-DINITROTOLUENE	2670	2000	667		75	54 - 120%
84-66-2	DIETHYL PHTHALATE	2670	1910	667	*	72	74 - 120%
86-73-7	FLUORENE	2670	1810	667	*	68	71 - 120%
7005-72-3	4-CHLOROPHENYL PHENYL ETHER	2670	1730	667	*	65	73 - 120%
100-01-6	4-NITROANILINE	2670	1930	1330		72	65 - 120%
103-33-3	AZOBENZENE	2670	1890	667		71	64 - 120%
534-52-1	4,6-DINITRO-2-METHYLPHENOL	2670	1160	2670	J*	43	51 - 137%
86-30-6	N-NITROSODIPHENYLAMINE	2670	1840	667	*	69	74 - 120%
101-55-3	4-BROMOPHENYL PHENYL ETHER	2670	1790	667		67	63 - 120%
118-74-1	HEXACHLOROBENZENE	2670	1770	667		66	65 - 120%

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270

Laboratory Control Sample

Lab Name: ALS -- Fort Collins

Work Order Number: 2202436

Client Name: Tetra Tech

ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Lab ID: ex220302-1LCS

Sample Matrix: SOIL
% Moisture: N/A
Date Collected: N/A
Date Extracted: 03/02/2022
Date Analyzed: 03/06/2022
Prep Method: SW35465

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: N/A
File Name: SV2780

Sample Aliquot: 15 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
58-90-2	2,3,4,6-TETRACHLOROPHENOL	2670	1650	667		62	60 - 120%
87-86-5	PENTACHLOROPHENOL	2670	1510	2670	J	57	1 - 145%
85-01-8	PHENANTHRENE	2670	1830	667		69	69 - 120%
120-12-7	ANTHRACENE	2670	1860	667		70	67 - 120%
86-74-8	CARBAZOLE	2670	1930	667		72	68 - 120%
84-74-2	DI-N-BUTYL PHTHALATE	2670	2060	667		77	71 - 120%
206-44-0	FLUORANTHENE	2670	1870	667		70	66 - 120%
129-00-0	PYRENE	2670	1870	667		70	69 - 120%
85-68-7	BUTYL BENZYL PHTHALATE	2670	2210	667		83	64 - 120%
56-55-3	BENZO(A)ANTHRACENE	2670	1740	667	*	65	70 - 120%
91-94-1	3,3'-DICHLOROBENZIDINE	5330	3250	667	*	61	67 - 120%
218-01-9	CHRYSENE	2670	1790	667	*	67	70 - 120%
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	2670	2220	1000		83	64 - 120%
117-84-0	DI-N-OCTYL PHTHALATE	2670	2510	1000		94	55 - 120%
205-99-2	BENZO(B)FLUORANTHENE	2670	1750	667		65	64 - 120%
207-08-9	BENZO(K)FLUORANTHENE	2670	1760	667		66	66 - 120%
50-32-8	BENZO(A)PYRENE	2670	1750	667		66	65 - 120%
193-39-5	INDENO(1,2,3-CD)PYRENE	2670	1670	667		62	62 - 120%
53-70-3	DIBENZO(A,H)ANTHRACENE	2670	1820	667		68	64 - 120%
191-24-2	BENZO(G,H,I)PERYLENE	2670	1750	667		66	61 - 120%

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270

Laboratory Control Sample

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Lab ID: ex220302-1LCS

Sample Matrix: SOIL
% Moisture: N/A
Date Collected: N/A
Date Extracted: 03/02/2022
Date Analyzed: 03/06/2022
Prep Method: SW35465

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: N/A
File Name: SV2780

Sample Aliquot: 15 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	3540		5000	71	25 - 127
321-60-8	2-FLUOROBIPHENYL	2160		3330	65	34 - 120
367-12-4	2-FLUOROPHENOL	3450		5000	69	38 - 120
4165-60-0	NITROBENZENE-D5	2270		3330	68	31 - 120
4165-62-2	PHENOL-D5	3570		5000	71	45 - 120
1718-51-0	TERPHENYL-D14	2360		3330	71	39 - 120

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270

Laboratory Control Sample

Lab Name: ALS -- Fort Collins

Work Order Number: 2202436

Client Name: Tetra Tech

ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Lab ID: EX220303-2LCS

Sample Matrix: SOIL
% Moisture: N/A
Date Collected: N/A
Date Extracted: 03/03/2022
Date Analyzed: 03/06/2022
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220306-4
Cleanup: NONE
Basis: N/A
File Name: SV2782

Sample Aliquot: 15 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
110-86-1	PYRIDINE	2670	1880	2000	J	71	23 - 120%
62-75-9	N-NITROSODIMETHYLAMINE	2670	2130	667		80	51 - 120%
62-53-3	ANILINE	2670	1630	667		61	52 - 120%
108-95-2	PHENOL	2670	2450	667		92	60 - 120%
111-44-4	BIS(2-CHLOROETHYL)ETHER	2670	2140	667		80	56 - 120%
95-57-8	2-CHLOROPHENOL	2670	2420	667		91	62 - 120%
541-73-1	1,3-DICHLOROBENZENE	2670	2030	667		76	62 - 120%
106-46-7	1,4-DICHLOROBENZENE	2670	2100	667		79	62 - 120%
95-50-1	1,2-DICHLOROBENZENE	2670	2120	667		79	62 - 120%
100-51-6	BENZYL ALCOHOL	2670	2440	667		92	56 - 121%
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	2670	2220	667		83	41 - 120%
95-48-7	2-METHYLPHENOL	2670	2450	667		92	63 - 120%
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	2670	2440	667		91	56 - 120%
108-39-4	3+4-METHYLPHENOL	2670	2540	667		95	62 - 120%
67-72-1	HEXACHLOROETHANE	2670	2280	667		85	58 - 120%
98-95-3	NITROBENZENE	2670	2380	667		89	61 - 120%
78-59-1	ISOPHORONE	2670	2290	667		86	58 - 120%
88-75-5	2-NITROPHENOL	2670	2680	667		100	76 - 120%
105-67-9	2,4-DIMETHYLPHENOL	2670	2370	667		89	57 - 120%
111-91-1	BIS(2-CHLOROETHOXY)METHANE	2670	2320	667		87	63 - 120%
120-83-2	2,4-DICHLOROPHENOL	2670	2380	667		89	68 - 120%
65-85-0	BENZOIC ACID	6670	3350	3330		50	10 - 120%
120-82-1	1,2,4-TRICHLOROBENZENE	2670	2050	667		77	63 - 120%
91-20-3	NAPHTHALENE	2670	2150	667		81	64 - 120%
106-47-8	4-CHLOROANILINE	2670	1220	667	*	46	55 - 120%
87-68-3	HEXACHLOROBUTADIENE	2670	2000	667		75	64 - 120%

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270

Laboratory Control Sample

Lab Name: ALS -- Fort Collins

Work Order Number: 2202436

Client Name: Tetra Tech

ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Lab ID: EX220303-2LCS

Sample Matrix: SOIL
% Moisture: N/A
Date Collected: N/A
Date Extracted: 03/03/2022
Date Analyzed: 03/06/2022
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220306-4
Cleanup: NONE
Basis: N/A
File Name: SV2782

Sample Aliquot: 15 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
59-50-7	4-CHLORO-3-METHYLPHENOL	2670	2630	667		98	64 - 120%
91-57-6	2-METHYLNAPHTHALENE	2670	2110	667		79	63 - 120%
90-12-0	1-METHYLNAPHTHALENE	2670	2220	667		83	65 - 120%
77-47-4	HEXACHLOROCYCLOPENTADIENE	2670	2160	667		81	22 - 120%
88-06-2	2,4,6-TRICHLOROPHENOL	2670	2300	667		86	67 - 120%
95-95-4	2,4,5-TRICHLOROPHENOL	2670	2450	667		92	65 - 120%
91-58-7	2-CHLORONAPHTHALENE	2670	2350	667		88	71 - 120%
88-74-4	2-NITROANILINE	2670	2830	1330		106	69 - 120%
131-11-3	DIMETHYL PHTHALATE	2670	2460	667		92	76 - 120%
606-20-2	2,6-DINITROTOLUENE	2670	2440	667		91	71 - 120%
208-96-8	ACENAPHTHYLENE	2670	2240	667		84	67 - 120%
99-09-2	3-NITROANILINE	2670	2080	1330		78	66 - 120%
83-32-9	ACENAPHTHENE	2670	2290	667		86	63 - 120%
51-28-5	2,4-DINITROPHENOL	2670	1070	1330	J	40	25 - 132%
100-02-7	4-NITROPHENOL	2670	2590	1330		97	27 - 138%
132-64-9	DIBENZOFURAN	2670	2310	667		86	75 - 120%
121-14-2	2,4-DINITROTOLUENE	2670	2610	667		98	54 - 120%
84-66-2	DIETHYL PHTHALATE	2670	2550	667		96	74 - 120%
86-73-7	FLUORENE	2670	2400	667		90	71 - 120%
7005-72-3	4-CHLOROPHENYL PHENYL ETHER	2670	2320	667		87	73 - 120%
100-01-6	4-NITROANILINE	2670	2410	1330		90	65 - 120%
103-33-3	AZOBENZENE	2670	2530	667		95	64 - 120%
534-52-1	4,6-DINITRO-2-METHYLPHENOL	2670	1960	2670	J	73	51 - 137%
86-30-6	N-NITROSODIPHENYLAMINE	2670	2450	667		92	74 - 120%
101-55-3	4-BROMOPHENYL PHENYL ETHER	2670	2380	667		89	63 - 120%
118-74-1	HEXACHLOROBENZENE	2670	2400	667		90	65 - 120%

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270

Laboratory Control Sample

Lab Name: ALS -- Fort Collins

Work Order Number: 2202436

Client Name: Tetra Tech

ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Lab ID: EX220303-2LCS

Sample Matrix: SOIL
% Moisture: N/A
Date Collected: N/A
Date Extracted: 03/03/2022
Date Analyzed: 03/06/2022
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220306-4
Cleanup: NONE
Basis: N/A
File Name: SV2782

Sample Aliquot: 15 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits
58-90-2	2,3,4,6-TETRACHLOROPHENOL	2670	2280	667		85	60 - 120%
87-86-5	PENTACHLOROPHENOL	2670	2190	2670	J	82	1 - 145%
85-01-8	PHENANTHRENE	2670	2450	667		92	69 - 120%
120-12-7	ANTHRACENE	2670	2470	667		93	67 - 120%
86-74-8	CARBAZOLE	2670	2580	667		97	68 - 120%
84-74-2	DI-N-BUTYL PHTHALATE	2670	2710	667		102	71 - 120%
206-44-0	FLUORANTHENE	2670	2490	667		93	66 - 120%
129-00-0	PYRENE	2670	2510	667		94	69 - 120%
85-68-7	BUTYL BENZYL PHTHALATE	2670	2840	667		107	64 - 120%
56-55-3	BENZO(A)ANTHRACENE	2670	2360	667		89	70 - 120%
91-94-1	3,3'-DICHLOROBENZIDINE	5330	3510	667	*	66	67 - 120%
218-01-9	CHRYSENE	2670	2390	667		90	70 - 120%
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	2670	2840	1000		106	64 - 120%
117-84-0	DI-N-OCTYL PHTHALATE	2670	3260	1000	*	122	55 - 120%
205-99-2	BENZO(B)FLUORANTHENE	2670	2270	667		85	64 - 120%
207-08-9	BENZO(K)FLUORANTHENE	2670	2440	667		92	66 - 120%
50-32-8	BENZO(A)PYRENE	2670	2330	667		87	65 - 120%
193-39-5	INDENO(1,2,3-CD)PYRENE	2670	2240	667		84	62 - 120%
53-70-3	DIBENZO(A,H)ANTHRACENE	2670	2390	667		90	64 - 120%
191-24-2	BENZO(G,H,I)PERYLENE	2670	2330	667		87	61 - 120%

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270

Laboratory Control Sample

Lab Name: ALS -- Fort Collins

Work Order Number: 2202436

Client Name: Tetra Tech

ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Lab ID: EX220303-2LCS

Sample Matrix: SOIL
% Moisture: N/A
Date Collected: N/A
Date Extracted: 03/03/2022
Date Analyzed: 03/06/2022
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220306-4
Cleanup: NONE
Basis: N/A
File Name: SV2782

Sample Aliquot: 15 g
Final Volume: 1 ml
Result Units: UG/KG
Clean DF: 1

CASNO	Target Analyte	Spike Added	LCS Result	Reporting Limit	Result Qualifier	LCS % Rec.	Control Limits

Surrogate Recovery

CASNO	Surrogate Analyte	Result	Flag	Spike Amount	Percent Recovery	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	4730		5000	95	25 - 127
321-60-8	2-FLUOROBIPHENYL	2870		3330	86	34 - 120
367-12-4	2-FLUOROPHENOL	4600		5000	92	38 - 120
4165-60-0	NITROBENZENE-D5	3000		3330	90	31 - 120
4165-62-2	PHENOL-D5	4730		5000	95	45 - 120
1718-51-0	TERPHENYL-D14	3170		3330	95	39 - 120

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Matrix Spike And Matrix Spike Duplicate

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-02-01
LabID: 2202436-1MS

Sample Matrix: SOIL
% Moisture: 16.8
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 06-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 15.12g
Final Volume: 1ml
Result Units: UG/KG
File Name: SV2785

CASNO	Target Analyte	Sample Result	Samp Qual	MS Result	MS Qual	Reporting Limit	Spike Added	MS % Rec.	Control Limits
110-86-1	PYRIDINE	477	U	1010	J	2380	3180	32	23 - 120%
62-75-9	N-NITROSODIMETHYLAMINE	167	U	1140	*	795	3180	36	51 - 120%
62-53-3	ANILINE	119	U	841	*	795	3180	26	52 - 120%
108-95-2	PHENOL	119	U	1320	*	795	3180	41	60 - 120%
111-44-4	BIS(2-CHLOROETHYL)ETHER	119	U	1160	*	795	3180	37	56 - 120%
95-57-8	2-CHLOROPHENOL	119	U	1280	*	795	3180	40	62 - 120%
541-73-1	1,3-DICHLOROBENZENE	119	U	1150	*	795	3180	36	62 - 120%
106-46-7	1,4-DICHLOROBENZENE	119	U	1030	*	795	3180	32	62 - 120%
95-50-1	1,2-DICHLOROBENZENE	119	U	1130	*	795	3180	36	62 - 120%
100-51-6	BENZYL ALCOHOL	119	U	1360	*	795	3180	43	56 - 121%
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	143	U	1250	*	795	3180	39	41 - 120%
95-48-7	2-METHYLPHENOL	119	U	1300	*	795	3180	41	63 - 120%
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	119	U	1320	*	795	3180	42	56 - 120%
108-39-4	3+4-METHYLPHENOL	119	U	1350	*	795	3180	43	62 - 120%
67-72-1	HEXACHLOROETHANE	119	U	1130	*	795	3180	35	58 - 120%
98-95-3	NITROBENZENE	119	U	1330	*	795	3180	42	61 - 120%
78-59-1	ISOPHORONE	119	U	1230	*	795	3180	39	58 - 120%
88-75-5	2-NITROPHENOL	119	U	1630	*	795	3180	51	76 - 120%
105-67-9	2,4-DIMETHYLPHENOL	119	U	1260	*	795	3180	40	57 - 120%
111-91-1	BIS(2-CHLOROETHOXY)METHANE	119	U	1280	*	795	3180	40	63 - 120%
120-83-2	2,4-DICHLOROPHENOL	119	U	1250	*	795	3180	39	68 - 120%
65-85-0	BENZOIC ACID	834	U	1160	J	3970	7950	15	10 - 120%
120-82-1	1,2,4-TRICHLOROBENZENE	119	U	1110	*	795	3180	35	63 - 120%
91-20-3	NAPHTHALENE	119	U	1200	*	795	3180	38	64 - 120%
106-47-8	4-CHLOROANILINE	119	U	717	J*	795	3180	23	55 - 120%
87-68-3	HEXACHLOROBUTADIENE	119	U	1070	*	795	3180	34	64 - 120%

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Matrix Spike And Matrix Spike Duplicate

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-02-01
LabID: 2202436-1MS

Sample Matrix: SOIL
% Moisture: 16.8
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 06-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 15.12g
Final Volume: 1ml
Result Units: UG/KG
File Name: SV2785

CASNO	Target Analyte	Sample Result	Samp Qual	MS Result	MS Qual	Reporting Limit	Spike Added	MS % Rec.	Control Limits
59-50-7	4-CHLORO-3-METHYLPHENOL	119	U	1320	*	795	3180	42	64 - 120%
91-57-6	2-METHYLNAPHTHALENE	119	U	1180	*	795	3180	37	63 - 120%
90-12-0	1-METHYLNAPHTHALENE	119	U	1250	*	795	3180	39	65 - 120%
77-47-4	HEXACHLOROCYCLOPENTADIENE	119	U	233	J*	795	3180	7	22 - 120%
88-06-2	2,4,6-TRICHLOROPHENOL	119	U	1250	*	795	3180	39	67 - 120%
95-95-4	2,4,5-TRICHLOROPHENOL	119	U	1280	*	795	3180	40	65 - 120%
91-58-7	2-CHLORONAPHTHALENE	119	U	1300	*	795	3180	41	71 - 120%
88-74-4	2-NITROANILINE	119	U	1550	J*	1590	3180	49	69 - 120%
131-11-3	DIMETHYL PHTHALATE	119	U	1310	*	795	3180	41	76 - 120%
606-20-2	2,6-DINITROTOLUENE	119	U	1380	*	795	3180	38	71 - 120%
208-96-8	ACENAPHTHYLENE	119	U	1210	*	795	3180	38	67 - 120%
99-09-2	3-NITROANILINE	119	U	1070	J*	1590	3180	34	66 - 120%
83-32-9	ACENAPHTHENE	119	U	1240	*	795	3180	39	63 - 120%
51-28-5	2,4-DINITROPHENOL	477	U	982	J	1590	3180	31	25 - 132%
100-02-7	4-NITROPHENOL	119	U	1420	J	1590	3180	45	27 - 138%
132-64-9	DIBENZOFURAN	119	U	1250	*	795	3180	39	75 - 120%
121-14-2	2,4-DINITROTOLUENE	119	U	1390	*	795	3180	44	54 - 120%
84-66-2	DIETHYL PHTHALATE	119	U	1310	*	795	3180	41	74 - 120%
86-73-7	FLUORENE	119	U	1280	*	795	3180	40	71 - 120%
7005-72-3	4-CHLOROPHENYL PHENYL ETHER	119	U	1220	*	795	3180	38	73 - 120%
100-01-6	4-NITROANILINE	119	U	1070	J*	1590	3180	34	65 - 120%
103-33-3	AZOBENZENE	119	U	1350	*	795	3180	43	64 - 120%
534-52-1	4,6-DINITRO-2-METHYLPHENOL	715	U	1210	J*	3180	3180	38	51 - 137%
86-30-6	N-NITROSODIPHENYLAMINE	119	U	1260	*	795	3180	40	74 - 120%
101-55-3	4-BROMOPHENYL PHENYL ETHER	119	U	1230	*	795	3180	39	63 - 120%
118-74-1	HEXACHLOROBENZENE	167	U	1220	*	795	3180	39	65 - 120%

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Matrix Spike And Matrix Spike Duplicate

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-02-01
LabID: 2202436-1MS

Sample Matrix: SOIL
% Moisture: 16.8
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 06-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 15.12g
Final Volume: 1ml
Result Units: UG/KG
File Name: SV2785

CASNO	Target Analyte	Sample Result	Samp Qual	MS Result	MS Qual	Reporting Limit	Spike Added	MS % Rec.	Control Limits
58-90-2	2,3,4,6-TETRACHLOROPHENOL	191	U	1110	*	795	3180	35	60 - 120%
87-86-5	PENTACHLOROPHENOL	119	U	957	J	3180	3180	30	1 - 145%
85-01-8	PHENANTHRENE	119	U	1320	*	795	3180	41	69 - 120%
120-12-7	ANTHRACENE	119	U	1310	*	795	3180	41	67 - 120%
86-74-8	CARBAZOLE	119	U	1310	*	795	3180	41	68 - 120%
84-74-2	DI-N-BUTYL PHTHALATE	119	U	1450	*	795	3180	46	71 - 120%
206-44-0	FLUORANTHENE	119	U	1320	*	795	3180	41	66 - 120%
129-00-0	PYRENE	119	U	1310	*	795	3180	41	69 - 120%
85-68-7	BUTYL BENZYL PHTHALATE	119	U	1680	*	795	3180	53	64 - 120%
56-55-3	BENZO(A)ANTHRACENE	119	U	1210	*	795	3180	38	70 - 120%
91-94-1	3,3'-DICHLOROBENZIDINE	119	U	774	J*	795	6360	12	67 - 120%
218-01-9	CHRYSENE	119	U	1240	*	795	3180	39	70 - 120%
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	250	JB	1650	*	1190	3180	44	64 - 120%
117-84-0	DI-N-OCTYL PHTHALATE	119	U	2000	*	1190	3180	49	55 - 120%
205-99-2	BENZO(B)FLUORANTHENE	119	U	1220	*	795	3180	39	64 - 120%
207-08-9	BENZO(K)FLUORANTHENE	119	U	1210	*	795	3180	38	66 - 120%
50-32-8	BENZO(A)PYRENE	119	U	1230	*	795	3180	39	65 - 120%
193-39-5	INDENO(1,2,3-CD)PYRENE	167	U	1250	*	795	3180	39	62 - 120%
53-70-3	DIBENZO(A,H)ANTHRACENE	119	U	1330	*	795	3180	42	64 - 120%
191-24-2	BENZO(G,H,I)PERYLENE	119	U	1210	*	795	3180	38	61 - 120%

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Matrix Spike And Matrix Spike Duplicate

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-02-01
LabID: 2202436-1MSD

Sample Matrix: SOIL
% Moisture: 16.8
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 06-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 15.4 g
Final Volume: 1 ml
Result Units: UG/KG
File Name: SV2786

CASNO	Target Analyte	MSD Result	MSD Qual	Spike Added	MSD % Rec.	Reporting Limit	RPD Limit	RPD
110-86-1	PYRIDINE	1050	J	3120	34	2340	20	3
62-75-9	N-NITROSODIMETHYLAMINE	1150	*	3120	37	780	20	0
62-53-3	ANILINE	781	*	3120	25	780	20	7
108-95-2	PHENOL	1290	*	3120	41	780	20	2
111-44-4	BIS(2-CHLOROETHYL)ETHER	1160	*	3120	37	780	20	0
95-57-8	2-CHLOROPHENOL	1250	*	3120	40	780	20	2
541-73-1	1,3-DICHLOROBENZENE	1140	*	3120	37	780	20	0
106-46-7	1,4-DICHLOROBENZENE	1040	*	3120	33	780	20	1
95-50-1	1,2-DICHLOROBENZENE	1130	*	3120	36	780	20	0
100-51-6	BENZYL ALCOHOL	1310	*	3120	42	780	20	4
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	1240	*	3120	40	780	20	0
95-48-7	2-METHYLPHENOL	1260	*	3120	40	780	20	3
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	1300	*	3120	42	780	20	1
108-39-4	3+4-METHYLPHENOL	1320	*	3120	42	780	20	3
67-72-1	HEXACHLOROETHANE	1180	*	3120	38	780	20	5
98-95-3	NITROBENZENE	1290	*	3120	41	780	20	3
78-59-1	ISOPHORONE	1190	*	3120	38	780	20	3
88-75-5	2-NITROPHENOL	1560	*	3120	50	780	20	4
105-67-9	2,4-DIMETHYLPHENOL	1220	*	3120	39	780	20	3
111-91-1	BIS(2-CHLOROETHOXY)METHANE	1220	*	3120	39	780	20	4
120-83-2	2,4-DICHLOROPHENOL	1230	*	3120	39	780	20	2
65-85-0	BENZOIC ACID	1050	J	7800	13	3900	20	10
120-82-1	1,2,4-TRICHLOROBENZENE	1090	*	3120	35	780	20	2
91-20-3	NAPHTHALENE	1170	*	3120	38	780	20	3
106-47-8	4-CHLOROANILINE	661	J*	3120	21	780	20	8
87-68-3	HEXACHLOROBUTADIENE	1060	*	3120	34	780	20	1

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Matrix Spike And Matrix Spike Duplicate

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-02-01
LabID: 2202436-1MSD

Sample Matrix: SOIL
% Moisture: 16.8
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 06-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 15.4 g
Final Volume: 1 ml
Result Units: UG/KG
File Name: SV2786

CASNO	Target Analyte	MSD Result	MSD Qual	Spike Added	MSD % Rec.	Reporting Limit	RPD Limit	RPD
59-50-7	4-CHLORO-3-METHYLPHENOL	1360	*	3120	43	780	20	3
91-57-6	2-METHYLNAPHTHALENE	1140	*	3120	37	780	20	3
90-12-0	1-METHYLNAPHTHALENE	1200	*	3120	38	780	20	4
77-47-4	HEXACHLOROCYCLOPENTADIENE	306	J*+	3120	10	780	20	27
88-06-2	2,4,6-TRICHLOROPHENOL	1210	*	3120	39	780	20	3
95-95-4	2,4,5-TRICHLOROPHENOL	1270	*	3120	41	780	20	1
91-58-7	2-CHLORONAPHTHALENE	1260	*	3120	40	780	20	3
88-74-4	2-NITROANILINE	1530	J*	3120	49	1560	20	1
131-11-3	DIMETHYL PHTHALATE	1270	*	3120	41	780	20	3
606-20-2	2,6-DINITROTOLUENE	1320	*	3120	37	780	20	4
208-96-8	ACENAPHTHYLENE	1170	*	3120	38	780	20	3
99-09-2	3-NITROANILINE	1060	J*	3120	34	1560	20	1
83-32-9	ACENAPHTHENE	1220	*	3120	39	780	20	2
51-28-5	2,4-DINITROPHENOL	998	J	3120	32	1560	20	2
100-02-7	4-NITROPHENOL	1420	J	3120	46	1560	20	0
132-64-9	DIBENZOFURAN	1220	*	3120	39	780	20	3
121-14-2	2,4-DINITROTOLUENE	1330	*	3120	42	780	20	5
84-66-2	DIETHYL PHTHALATE	1280	*	3120	41	780	20	3
86-73-7	FLUORENE	1240	*	3120	40	780	20	4
7005-72-3	4-CHLOROPHENYL PHENYL ETHER	1180	*	3120	38	780	20	3
100-01-6	4-NITROANILINE	1140	J*	3120	37	1560	20	6
103-33-3	AZOBENZENE	1310	*	3120	42	780	20	3
534-52-1	4,6-DINITRO-2-METHYLPHENOL	1170	J*	3120	38	3120	20	3
86-30-6	N-NITROSODIPHENYLAMINE	1210	*	3120	39	780	20	4
101-55-3	4-BROMOPHENYL PHENYL ETHER	1210	*	3120	39	780	20	2
118-74-1	HEXACHLOROBENZENE	1190	*	3120	38	780	20	3

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Matrix Spike And Matrix Spike Duplicate

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-02-01
LabID: 2202436-1MSD

Sample Matrix: SOIL
% Moisture: 16.8
Date Collected: 22-Feb-22
Date Extracted: 02-Mar-22
Date Analyzed: 06-Mar-22
Prep Method: SW3546 Rev 5

Prep Batch: ex220302-1
QCBatchID: ex220302-1-1
Run ID: SV220306-4
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 15.4 g
Final Volume: 1 ml
Result Units: UG/KG
File Name: SV2786

CASNO	Target Analyte	MSD Result	MSD Qual	Spike Added	MSD % Rec.	Reporting Limit	RPD Limit	RPD
58-90-2	2,3,4,6-TETRACHLOROPHENOL	1030	*	3120	33	780	20	8
87-86-5	PENTACHLOROPHENOL	737	J+	3120	24	3120	20	26
85-01-8	PHENANTHRENE	1260	*	3120	40	780	20	5
120-12-7	ANTHRACENE	1260	*	3120	41	780	20	4
86-74-8	CARBAZOLE	1280	*	3120	41	780	20	3
84-74-2	DI-N-BUTYL PHTHALATE	1410	*	3120	45	780	20	3
206-44-0	FLUORANTHENE	1260	*	3120	40	780	20	5
129-00-0	PYRENE	1270	*	3120	41	780	20	3
85-68-7	BUTYL BENZYL PHTHALATE	1610	*	3120	52	780	20	4
56-55-3	BENZO(A)ANTHRACENE	1170	*	3120	37	780	20	3
91-94-1	3,3'-DICHLOROBENZIDINE	1080	*+	6240	17	780	20	33
218-01-9	CHRYSENE	1200	*	3120	39	780	20	3
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	1600	*	3120	43	1170	20	3
117-84-0	DI-N-OCTYL PHTHALATE	1970	*	3120	49	1170	20	2
205-99-2	BENZO(B)FLUORANTHENE	1210	*	3120	39	780	20	1
207-08-9	BENZO(K)FLUORANTHENE	1160	*	3120	37	780	20	4
50-32-8	BENZO(A)PYRENE	1210	*	3120	39	780	20	2
193-39-5	INDENO(1,2,3-CD)PYRENE	1230	*	3120	39	780	20	2
53-70-3	DIBENZO(A,H)ANTHRACENE	1300	*	3120	42	780	20	2
191-24-2	BENZO(G,H,I)PERYLENE	1210	*	3120	39	780	20	0

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Matrix Spike And Matrix Spike Duplicate

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Surrogate Recovery MS/MSD

CASNO	Target Analyte	Spike Added	MS % Rec.	MS Flag	MSD % Rec.	MSD Flag	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	5960	42		40		25 - 127
321-60-8	2-FLUOROBIPHENYL	3970	39		38		34 - 120
367-12-4	2-FLUOROPHENOL	5960	41		41		38 - 120
4165-60-0	NITROBENZENE-D5	3970	42		41		31 - 120
4165-62-2	PHENOL-D5	5960	42	*	42	*	45 - 120
1718-51-0	TERPHENYL-D14	3970	41		40		39 - 120

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Matrix Spike And Matrix Spike Duplicate

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-09-07
LabID: 2202436-10MS

Sample Matrix: SOIL
% Moisture: 18.8
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 07-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220307-444
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 5.54 g
Final Volume: 1 ml
Result Units: UG/KG
File Name: SV2815

CASNO	Target Analyte	Sample Result	Samp Qual	MS Result	MS Qual	Reporting Limit	Spike Added	MS % Rec.	Control Limits
110-86-1	PYRIDINE	1330	U	4990	J	6670	8890	56	23 - 120%
62-75-9	N-NITROSODIMETHYLAMINE	467	U	5620		2220	8890	63	51 - 120%
62-53-3	ANILINE	334	U	3660	*	2220	8890	41	52 - 120%
108-95-2	PHENOL	334	U	7250		2220	8890	81	60 - 120%
111-44-4	BIS(2-CHLOROETHYL)ETHER	334	U	5920		2220	8890	67	56 - 120%
95-57-8	2-CHLOROPHENOL	334	U	7050		2220	8890	79	62 - 120%
541-73-1	1,3-DICHLOROBENZENE	334	U	5580		2220	8890	63	62 - 120%
106-46-7	1,4-DICHLOROBENZENE	334	U	5600		2220	8890	63	62 - 120%
95-50-1	1,2-DICHLOROBENZENE	334	U	5880		2220	8890	66	62 - 120%
100-51-6	BENZYL ALCOHOL	334	U	7110		2220	8890	80	56 - 121%
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	400	U	6590		2220	8890	74	41 - 120%
95-48-7	2-METHYLPHENOL	334	U	7290		2220	8890	82	63 - 120%
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	334	U	7280		2220	8890	77	56 - 120%
108-39-4	3+4-METHYLPHENOL	334	U	7620		2220	8890	86	62 - 120%
67-72-1	HEXACHLOROETHANE	334	U	6580		2220	8890	74	58 - 120%
98-95-3	NITROBENZENE	334	U	6790		2220	8890	76	61 - 120%
78-59-1	ISOPHORONE	334	U	6790		2220	8890	76	58 - 120%
88-75-5	2-NITROPHENOL	334	U	8070		2220	8890	91	76 - 120%
105-67-9	2,4-DIMETHYLPHENOL	334	U	7100		2220	8890	80	57 - 120%
111-91-1	BIS(2-CHLOROETHOXY)METHANE	334	U	6760		2220	8890	76	63 - 120%
120-83-2	2,4-DICHLOROPHENOL	334	U	7150		2220	8890	80	68 - 120%
65-85-0	BENZOIC ACID	2330	U	12300		11100	22200	55	10 - 120%
120-82-1	1,2,4-TRICHLOROBENZENE	334	U	5850		2220	8890	66	63 - 120%
91-20-3	NAPHTHALENE	334	U	6410		2220	8890	72	64 - 120%
106-47-8	4-CHLOROANILINE	334	U	2610	*	2220	8890	29	55 - 120%
87-68-3	HEXACHLOROBUTADIENE	334	U	5770		2220	8890	65	64 - 120%

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Matrix Spike And Matrix Spike Duplicate

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-09-07
LabID: 2202436-10MS

Sample Matrix: SOIL
% Moisture: 18.8
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 07-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220307-444
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 5.54 g
Final Volume: 1 ml
Result Units: UG/KG
File Name: SV2815

CASNO	Target Analyte	Sample Result	Samp Qual	MS Result	MS Qual	Reporting Limit	Spike Added	MS % Rec.	Control Limits
59-50-7	4-CHLORO-3-METHYLPHENOL	334	U	7700		2220	8890	87	64 - 120%
91-57-6	2-METHYLNAPHTHALENE	334	U	6580		2220	8890	69	63 - 120%
90-12-0	1-METHYLNAPHTHALENE	334	U	7120		2220	8890	74	65 - 120%
77-47-4	HEXACHLOROCYCLOPENTADIENE	334	U	6230		2220	8890	70	22 - 120%
88-06-2	2,4,6-TRICHLOROPHENOL	334	U	6950		2220	8890	78	67 - 120%
95-95-4	2,4,5-TRICHLOROPHENOL	334	U	7260		2220	8890	82	65 - 120%
91-58-7	2-CHLORONAPHTHALENE	334	U	7040		2220	8890	79	71 - 120%
88-74-4	2-NITROANILINE	334	U	8260		4450	8890	93	69 - 120%
131-11-3	DIMETHYL PHTHALATE	334	U	7390		2220	8890	83	76 - 120%
606-20-2	2,6-DINITROTOLUENE	334	U	7650		2220	8890	86	71 - 120%
208-96-8	ACENAPHTHYLENE	334	U	6700		2220	8890	75	67 - 120%
99-09-2	3-NITROANILINE	334	U	5220	*	4450	8890	59	66 - 120%
83-32-9	ACENAPHTHENE	334	U	6850		2220	8890	77	63 - 120%
51-28-5	2,4-DINITROPHENOL	1330	U	7950		4450	8890	89	25 - 132%
100-02-7	4-NITROPHENOL	334	U	8290		4450	8890	93	27 - 138%
132-64-9	DIBENZOFURAN	334	U	7030		2220	8890	79	75 - 120%
121-14-2	2,4-DINITROTOLUENE	334	U	7710		2220	8890	87	54 - 120%
84-66-2	DIETHYL PHTHALATE	334	U	7570		2220	8890	85	74 - 120%
86-73-7	FLUORENE	334	U	7100		2220	8890	80	71 - 120%
7005-72-3	4-CHLOROPHENYL PHENYL ETHER	334	U	6740		2220	8890	76	73 - 120%
100-01-6	4-NITROANILINE	334	U	5160	*	4450	8890	58	65 - 120%
103-33-3	AZOBENZENE	334	U	7560		2220	8890	85	64 - 120%
534-52-1	4,6-DINITRO-2-METHYLPHENOL	2000	U	8090	J	8890	8890	91	51 - 137%
86-30-6	N-NITROSODIPHENYLAMINE	334	U	7330		2220	8890	82	74 - 120%
101-55-3	4-BROMOPHENYL PHENYL ETHER	334	U	6970		2220	8890	78	63 - 120%
118-74-1	HEXACHLOROBENZENE	467	U	6810		2220	8890	77	65 - 120%

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Matrix Spike And Matrix Spike Duplicate

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-09-07
LabID: 2202436-10MS

Sample Matrix: SOIL
% Moisture: 18.8
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 07-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220307-444
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 5.54 g
Final Volume: 1 ml
Result Units: UG/KG
File Name: SV2815

CASNO	Target Analyte	Sample Result	Samp Qual	MS Result	MS Qual	Reporting Limit	Spike Added	MS % Rec.	Control Limits
58-90-2	2,3,4,6-TETRACHLOROPHENOL	534	U	6380		2220	8890	72	60 - 120%
87-86-5	PENTACHLOROPHENOL	334	U	6000	J	8890	8890	68	1 - 145%
85-01-8	PHENANTHRENE	334	U	7470		2220	8890	84	69 - 120%
120-12-7	ANTHRACENE	334	U	7300		2220	8890	82	67 - 120%
86-74-8	CARBAZOLE	334	U	7420		2220	8890	83	68 - 120%
84-74-2	DI-N-BUTYL PHTHALATE	334	U	8190		2220	8890	92	71 - 120%
206-44-0	FLUORANTHENE	334	U	7370		2220	8890	83	66 - 120%
129-00-0	PYRENE	334	U	7370		2220	8890	83	69 - 120%
85-68-7	BUTYL BENZYL PHTHALATE	334	U	8640		2220	8890	97	64 - 120%
56-55-3	BENZO(A)ANTHRACENE	334	U	6650		2220	8890	75	70 - 120%
91-94-1	3,3'-DICHLOROBENZIDINE	334	U	4610	*	2220	17800	23	67 - 120%
218-01-9	CHRYSENE	334	U	6840		2220	8890	77	70 - 120%
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	850	J	8510		3340	8890	86	64 - 120%
117-84-0	DI-N-OCTYL PHTHALATE	334	U	10100		3340	8890	114	55 - 120%
205-99-2	BENZO(B)FLUORANTHENE	334	U	6330		2220	8890	71	64 - 120%
207-08-9	BENZO(K)FLUORANTHENE	334	U	6530		2220	8890	73	66 - 120%
50-32-8	BENZO(A)PYRENE	334	U	6310		2220	8890	71	65 - 120%
193-39-5	INDENO(1,2,3-CD)PYRENE	467	U	5990		2220	8890	67	62 - 120%
53-70-3	DIBENZO(A,H)ANTHRACENE	334	U	6610		2220	8890	74	64 - 120%
191-24-2	BENZO(G,H,I)PERYLENE	334	U	5590		2220	8890	63	61 - 120%

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Matrix Spike And Matrix Spike Duplicate

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-09-07
LabID: 2202436-10MSD

Sample Matrix: SOIL
% Moisture: 18.8
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 07-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220307-444
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 5.76g
Final Volume: 1ml
Result Units: UG/KG
File Name: SV2816

CASNO	Target Analyte	MSD Result	MSD Qual	Spike Added	MSD % Rec.	Reporting Limit	RPD Limit	RPD
110-86-1	PYRIDINE	4040	J+	8550	47	6420	20	21
62-75-9	N-NITROSODIMETHYLAMINE	4760		8550	56	2140	20	17
62-53-3	ANILINE	3060	*	8550	36	2140	20	18
108-95-2	PHENOL	6510		8550	76	2140	20	11
111-44-4	BIS(2-CHLOROETHYL)ETHER	5150		8550	60	2140	20	14
95-57-8	2-CHLOROPHENOL	6270		8550	73	2140	20	12
541-73-1	1,3-DICHLOROBENZENE	4970	*	8550	58	2140	20	12
106-46-7	1,4-DICHLOROBENZENE	4730	*	8550	55	2140	20	17
95-50-1	1,2-DICHLOROBENZENE	5120	*	8550	60	2140	20	14
100-51-6	BENZYL ALCOHOL	6370		8550	74	2140	20	11
108-60-1	BIS(2-CHLOROISOPROPYL)ETHER	5970		8550	70	2140	20	10
95-48-7	2-METHYLPHENOL	6510		8550	76	2140	20	11
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	6670		8550	73	2140	20	9
108-39-4	3+4-METHYLPHENOL	6870		8550	80	2140	20	10
67-72-1	HEXACHLOROETHANE	5860		8550	69	2140	20	12
98-95-3	NITROBENZENE	6100		8550	71	2140	20	11
78-59-1	ISOPHORONE	6260		8550	73	2140	20	8
88-75-5	2-NITROPHENOL	7330		8550	86	2140	20	10
105-67-9	2,4-DIMETHYLPHENOL	6590		8550	77	2140	20	7
111-91-1	BIS(2-CHLOROETHOXY)METHANE	6160		8550	72	2140	20	9
120-83-2	2,4-DICHLOROPHENOL	6540		8550	76	2140	20	9
65-85-0	BENZOIC ACID	11200		21400	52	10700	20	9
120-82-1	1,2,4-TRICHLOROBENZENE	5250	*	8550	61	2140	20	11
91-20-3	NAPHTHALENE	5800		8550	68	2140	20	10
106-47-8	4-CHLOROANILINE	2250	*	8550	26	2140	20	15
87-68-3	HEXACHLOROBUTADIENE	5290	*	8550	62	2140	20	9

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Matrix Spike And Matrix Spike Duplicate

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-09-07
LabID: 2202436-10MSD

Sample Matrix: SOIL
% Moisture: 18.8
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 07-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220307-444
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 5.76 g
Final Volume: 1 ml
Result Units: UG/KG
File Name: SV2816

CASNO	Target Analyte	MSD Result	MSD Qual	Spike Added	MSD % Rec.	Reporting Limit	RPD Limit	RPD
59-50-7	4-CHLORO-3-METHYLPHENOL	7180		8550	84	2140	20	7
91-57-6	2-METHYLNAPHTHALENE	6090		8550	66	2140	20	8
90-12-0	1-METHYLNAPHTHALENE	6570		8550	70	2140	20	8
77-47-4	HEXACHLOROCYCLOPENTADIENE	5510		8550	64	2140	20	12
88-06-2	2,4,6-TRICHLOROPHENOL	6500		8550	76	2140	20	7
95-95-4	2,4,5-TRICHLOROPHENOL	6650		8550	78	2140	20	9
91-58-7	2-CHLORONAPHTHALENE	6470		8550	76	2140	20	8
88-74-4	2-NITROANILINE	7650		8550	89	4280	20	8
131-11-3	DIMETHYL PHTHALATE	6860		8550	80	2140	20	7
606-20-2	2,6-DINITROTOLUENE	7130		8550	83	2140	20	7
208-96-8	ACENAPHTHYLENE	6260		8550	73	2140	20	7
99-09-2	3-NITROANILINE	4760	*	8550	56	4280	20	9
83-32-9	ACENAPHTHENE	6340		8550	74	2140	20	8
51-28-5	2,4-DINITROPHENOL	6950		8550	81	4280	20	13
100-02-7	4-NITROPHENOL	7670		8550	90	4280	20	8
132-64-9	DIBENZOFURAN	6440		8550	75	2140	20	9
121-14-2	2,4-DINITROTOLUENE	7080		8550	83	2140	20	8
84-66-2	DIETHYL PHTHALATE	6970		8550	81	2140	20	8
86-73-7	FLUORENE	6590		8550	77	2140	20	7
7005-72-3	4-CHLOROPHENYL PHENYL ETHER	6230		8550	73	2140	20	8
100-01-6	4-NITROANILINE	5090	*	8550	60	4280	20	1
103-33-3	AZOBENZENE	6890		8550	81	2140	20	9
534-52-1	4,6-DINITRO-2-METHYLPHENOL	7360	J	8550	86	8550	20	9
86-30-6	N-NITROSODIPHENYLAMINE	6760		8550	79	2140	20	8
101-55-3	4-BROMOPHENYL PHENYL ETHER	6370		8550	74	2140	20	9
118-74-1	HEXACHLOROBENZENE	6250		8550	73	2140	20	9

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Matrix Spike And Matrix Spike Duplicate

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Field ID: BT-P2-AOI-09-07
LabID: 2202436-10MSD

Sample Matrix: SOIL
% Moisture: 18.8
Date Collected: 22-Feb-22
Date Extracted: 03-Mar-22
Date Analyzed: 07-Mar-22
Prep Method: SW3546

Prep Batch: EX220303-2
QCBatchID: EX220303-2-1
Run ID: SV220307-444
Cleanup: NONE
Basis: Dry Weight

Sample Aliquot: 5.76g
Final Volume: 1ml
Result Units: UG/KG
File Name: SV2816

CASNO	Target Analyte	MSD Result	MSD Qual	Spike Added	MSD % Rec.	Reporting Limit	RPD Limit	RPD
58-90-2	2,3,4,6-TETRACHLOROPHENOL	5990		8550	70	2140	20	6
87-86-5	PENTACHLOROPHENOL	5590	J	8550	65	8550	20	7
85-01-8	PHENANTHRENE	6900		8550	81	2140	20	8
120-12-7	ANTHRACENE	6860		8550	80	2140	20	6
86-74-8	CARBAZOLE	6900		8550	81	2140	20	7
84-74-2	DI-N-BUTYL PHTHALATE	7610		8550	89	2140	20	7
206-44-0	FLUORANTHENE	6860		8550	80	2140	20	7
129-00-0	PYRENE	6870		8550	80	2140	20	7
85-68-7	BUTYL BENZYL PHTHALATE	8050		8550	94	2140	20	7
56-55-3	BENZO(A)ANTHRACENE	6220		8550	73	2140	20	7
91-94-1	3,3'-DICHLOROBENZIDINE	4820	*	17100	25	2140	20	4
218-01-9	CHRYSENE	6390		8550	75	2140	20	7
117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	8080		8550	84	3210	20	5
117-84-0	DI-N-OCTYL PHTHALATE	9510		8550	111	3210	20	6
205-99-2	BENZO(B)FLUORANTHENE	5870		8550	69	2140	20	8
207-08-9	BENZO(K)FLUORANTHENE	6020		8550	70	2140	20	8
50-32-8	BENZO(A)PYRENE	5830		8550	68	2140	20	8
193-39-5	INDENO(1,2,3-CD)PYRENE	5650		8550	66	2140	20	6
53-70-3	DIBENZO(A,H)ANTHRACENE	6340		8550	74	2140	20	4
191-24-2	BENZO(G,H,I)PERYLENE	5220		8550	61	2140	20	7

Data Package ID: *SV2202436-1*

GC/MS Semi-volatiles

Method SW8270E

Matrix Spike And Matrix Spike Duplicate

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: Bauer Tailings Site Assessment 103X903520F0083211203

Surrogate Recovery MS/MSD

CASNO	Target Analyte	Spike Added	MS % Rec.	MS Flag	MSD % Rec.	MSD Flag	Control Limits
118-79-6	2,4,6-TRIBROMOPHENOL	16700	82		78		25 - 127
321-60-8	2-FLUOROBIPHENYL	11100	76		72		34 - 120
367-12-4	2-FLUOROPHENOL	16700	77		70		38 - 120
4165-60-0	NITROBENZENE-D5	11100	77		70		31 - 120
4165-62-2	PHENOL-D5	16700	82		76		45 - 120
1718-51-0	TERPHENYL-D14	11100	81		78		39 - 120

Data Package ID: *SV2202436-1*

Prep Batch ID: ex220302-1

Start Date: 03/02/22
Start Time: 13:00
Prep Analyst: Joshua P. Eckery
End Date: 03/02/22
End Time: 14:00
Concentration Method: NONE
Extract Method: SW35465
Initial Volume Units: g
Final Volume Units: ml
Batch Created By: jpe
Date Created: 03/02/22
Time Created: 10:17
Validated By: cpc
Date Validated: 03/03/22
Time Validated: 12:30

Comments:

QC Batch ID: ex220302-1-1

Lab ID	QC Type	Field ID	Matrix	Date Collected	Initial Wt/Vol	Final Wt/Vol	Cleanup Method	Cleanup DF	Order Number
ex220302-1	MB	XXXXXX	SOIL	XXXXXX	15	1	NONE	1	2202436
ex220302-1	LCS	XXXXXX	SOIL	XXXXXX	15	1	NONE	1	2202436
2202436-1	MS	BT-P2-AOI-02-01	SOIL	2/22/2022	15.12	1	NONE	1	2202436
2202436-1	MSD	BT-P2-AOI-02-01	SOIL	2/22/2022	15.4	1	NONE	1	2202436
2202436-1	SMP	BT-P2-AOI-02-01	SOIL	2/22/2022	15.21	1	NONE	1	2202436
2202436-11	SMP	BT-P2-AOI-09-09	SOIL	2/22/2022	15.17	1	NONE	1	2202436
2202436-12	SMP	BT-P2-AOI-09-02	SOIL	2/22/2022	15.24	5	NONE	1	2202436
2202436-13	SMP	BT-P2-AOI-09-01	SOIL	2/22/2022	15.29	1	NONE	1	2202436
2202436-14	SMP	BT-PS-AOI-09-10	SOIL	2/22/2022	15.16	1	NONE	1	2202436
2202436-15	SMP	BT-P2-AOI-09-04	SOIL	2/22/2022	15.54	5	NONE	1	2202436
2202436-16	SMP	BT-P2-AOI-09-03	SOIL	2/22/2022	15.51	5	NONE	1	2202436
2202436-2	SMP	BT-P2-AOI-03-01	SOIL	2/22/2022	15.02	5	NONE	1	2202436
2202436-3	SMP	BT-P2-AOI-03-02	SOIL	2/22/2022	15.17	5	NONE	1	2202436
2202436-4	SMP	BT-P2-AOI-03-03	SOIL	2/22/2022	15.36	5	NONE	1	2202436
2202436-7	SMP	BT-P2-AOI-03-06	SOIL	2/22/2022	15.42	5	NONE	1	2202436
2202436-8	SMP	BT-P2-AOI-03-07	SOIL	2/22/2022	15.51	5	NONE	1	2202436
2202436-9	SMP	BT-P2-AOI-09-08	SOIL	2/22/2022	15.7	1	NONE	1	2202436

In generating this benchsheet, prep analyst states that all aspects of sample preparation as set forth in the appropriate SOP's (including Kuderna-Danish temperatures, proper flow settings on the N-evap, and final volumes) were properly adhered to (unless otherwise noted herein).

QC Types

CAR	Carrier reference sample	DLS	Detection Limit Standard	
DUP	Laboratory Duplicate	LCS	Laboratory Control Sample	
LCSD	Laboratory Control Sample Duplicate	LODV	Limit of Detection Verification	
LOQV	Limit of Quantitation Verification	MB	Method Blank	
MS	Laboratory Matrix Spike	MSD	Laboratory Matrix Spike Duplicate	
REP	Sample replicate	RVS	Reporting Level Verification Standar	
SMP	Field Sample	SYS	Sample Yield Spike	

Prep Batch ID: EX220303-2

Start Date: 03/03/22
Start Time: 15:20
Prep Analyst: Joshua P. Eckery
End Date: 03/03/22
End Time: 16:20
Concentration Method: CKDS
Extract Method: SW3546
Initial Volume Units: g
Final Volume Units: ml
Batch Created By: jpe
Date Created: 03/03/22
Time Created: 14:37
Validated By: cpc
Date Validated: 03/04/22
Time Validated: 16:52

Comments:

reduced aliquot on all samples due to matrix issues

QC Batch ID: EX220303-2-1

Lab ID	QC Type	Field ID	Matrix	Date Collected	Initial Wt/Vol	Final Wt/Vol	Cleanup Method	Cleanup DF	Order Number
EX220303-2	MB	XXXXXX	SOIL	XXXXXX	15	1	NONE	1	2202436
EX220303-2	LCS	XXXXXX	SOIL	XXXXXX	15	1	NONE	1	2202436
2202436-10	MS	BT-P2-AOI-09-07	SOIL	2/22/2022	5.54	1	NONE	1	2202436
2202436-10	MSD	BT-P2-AOI-09-07	SOIL	2/22/2022	5.76	1	NONE	1	2202436
2202436-10	SMP	BT-P2-AOI-09-07	SOIL	2/22/2022	5.29	1	NONE	1	2202436
2202436-17	SMP	BT-P2-AOI-09-06	SOIL	2/22/2022	5.49	1	NONE	1	2202436
2202436-18	SMP	BT-P2-AOI-09-05	SOIL	2/22/2022	5.07	1	NONE	1	2202436
2202436-19	SMP	BT-P2-AOI-08-02	SOIL	2/22/2022	5.41	1	NONE	1	2202436
2202436-20	SMP	BT-P2-AOI-08-01	SOIL	2/22/2022	5.09	1	NONE	1	2202436
2202436-21	SMP	BT-P2-AOI-07-02	SOIL	2/22/2022	5.64	1	NONE	1	2202436
2202436-22	SMP	BT-P2-AOI-05-01	SOIL	2/22/2022	5.23	1	NONE	1	2202436
2202436-23	SMP	BT-P2-AOI-04-01	SOIL	2/22/2022	5.26	1	NONE	1	2202436
2202436-24	SMP	BT-P2-AOI-06-01	SOIL	2/22/2022	5.54	1	NONE	1	2202436
2202436-25	SMP	BT-P2-AOI-06-03	SOIL	2/22/2022	5.56	1	NONE	1	2202436
2202436-26	SMP	BT-P2-AOI-06-04	SOIL	2/22/2022	5.71	1	NONE	1	2202436
2202436-27	SMP	BT-P2-AOI-06-05	SOIL	2/22/2022	5.28	1	NONE	1	2202436
2202436-28	SMP	BT-P2-AOI-06-06	SOIL	2/22/2022	5.67	1	NONE	1	2202436
2202436-29	SMP	BT-P2-AOI-07-01	SOIL	2/22/2022	5.13	1	NONE	1	2202436
2202436-30	SMP	BT-P2-AOI-06-02	SOIL	2/22/2022	5.34	1	NONE	1	2202436
2202436-31	SMP	BT-P2-AOI-04-01-DUP	SOIL	2/22/2022	5.36	1	NONE	1	2202436
2202436-32	SMP	BT-P2-AOI-03-04-DUP	SOIL	2/22/2022	5.26	5	NONE	1	2202436
2202436-33	SMP	BT-P2-AOI-09-06-DUP	SOIL	2/22/2022	5.19	1	NONE	1	2202436
2202436-5	SMP	BT-P2-AOI-03-04	SOIL	2/22/2022	5.5	5	NONE	1	2202436
2202436-6	SMP	BT-P2-AOI-03-05	SOIL	2/22/2022	5.35	5	NONE	1	2202436

Prep Batch ID: EX220303-2

Start Date: 03/03/22
Start Time: 15:20
Prep Analyst: Joshua P. Eckery

End Date: 03/03/22
End Time: 16:20

Concentration Method: CKDS
Extract Method: SW3546
Initial Volume Units: g
Final Volume Units: ml

Batch Created By: jpe
Date Created: 03/03/22
Time Created: 14:37
Validated By: cpc
Date Validated: 03/04/22
Time Validated: 16:52

Comments:

reduced aliquot on all samples due to matrix issues

In generating this benchsheet, prep analyst states that all aspects of sample preparation as set forth in the appropriate SOP's (including Kuderna-Danish temperatures, proper flow settings on the N-evap, and final volumes) were properly adhered to (unless otherwise noted herein).

QC Types

CAR	Carrier reference sample		DLS	Detection Limit Standard	
DUP	Laboratory Duplicate		LCS	Laboratory Control Sample	
LCSD	Laboratory Control Sample Duplicate		LODV	Limit of Detection Verification	
LOQV	Limit of Quantitation Verification		MB	Method Blank	
MS	Laboratory Matrix Spike		MSD	Laboratory Matrix Spike Duplicate	
REP	Sample replicate		RVS	Reporting Level Verification Standar	
SMP	Field Sample		SYS	Sample Yield Spike	

5B

Semi-Volatile Organic GC/MS Tuning And Mass Calibration--Decafluorotriphenylphosphine (DFTPP)

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: 103X903520F0083211203Bauer Tailings Site Assessment

DFTPP Injection Date: 2/27/2022
DFTPP Injection Time: 8:12
Instrument ID: HPSV4
Reported on: Monday, March 14, 2022

FileID: SV2532

m/e	Ion Abundance Criteria SW8270E	% Relative Abundance
51	10.0 - 80.0 percent of mass 198	61.7
68	Less than 2.0 percent of mass 69	1.6
69	Mass 69 relative abundance of mass 198	65.6
70	Less than 2.0 percent of mass 69	0.5
127	10.0 - 80.0 percent of mass 198	64.5
197	Less than 2.0 percent of mass 198	0.5
198	Base peak, 100 percent of relative abundance	100
199	5.0 - 9.0 percent of mass 198	6.9
275	10.0 - 60.0 percent of mass 198	22.9
365	Greater than 1.00 percent of mass 198	3.6
441	Present, but less than mass 443	78.4
442	Greater than 50.0 percent of mass 198	90.3
443	15.0 - 24.0 percent of mass 442	19.4

THIS TUNE APPLIES TO THE FOLLOWING SAMPLES, MS/MSD, BLANKS, AND STANDARDS:

Client Sample ID	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	QC BatchID
XXXXXXX	0.05PPM_SIMPAHCSTD	SV2535	2/27/2022	9:25	SV220227-444
XXXXXXX	0.1PPM_SIMPAHCSTD	SV2536	2/27/2022	9:43	SV220227-444
XXXXXXX	0.5PPM_SIMPAHCSTD	SV2537	2/27/2022	10:01	SV220227-444
XXXXXXX	1PPM_SIMPAHCSTD	SV2538	2/27/2022	10:18	SV220227-444
XXXXXXX	2PPM_SIMPAHCSTD	SV2539	2/27/2022	10:36	SV220227-444
XXXXXXX	5PPM_SIMPAHCSTD	SV2540	2/27/2022	10:54	SV220227-444
XXXXXXX	10PPM_SIMPAHCSTD	SV2541	2/27/2022	11:11	SV220227-444
XXXXXXX	5PPM_SIMPAHICV	SV2543	2/27/2022	11:47	SV220227-444
XXXXXXX	1PPM_8270_ICALCSTD	SV2545	2/27/2022	12:23	SV220227-444
XXXXXXX	5PPM_8270_ICALCSTD	SV2546	2/27/2022	12:41	SV220227-444
XXXXXXX	10PPM_8270_ICALCSTD	SV2547	2/27/2022	12:58	SV220227-444
XXXXXXX	20PPM_8270_ICALCSTD	SV2548	2/27/2022	13:16	SV220227-444
XXXXXXX	40PPM_8270_ICALCSTD	SV2549	2/27/2022	13:34	SV220227-444

Data Package ID: *SV2202436-1*

5B

Semi-Volatile Organic GC/MS Tuning And Mass Calibration--Decafluorotriphenylphosphine (DFTPP)

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: 103X903520F0083211203Bauer Tailings Site Assessment

DFTPP Injection Date: 2/27/2022
DFTPP Injection Time: 8:12
Instrument ID: HPSV4
Reported on: Monday, March 14, 2022

FileID: SV2532

m/e	Ion Abundance Criteria SW8270E	% Relative Abundance
51	10.0 - 80.0 percent of mass 198	61.7
68	Less than 2.0 percent of mass 69	1.6
69	Mass 69 relative abundance of mass 198	65.6
70	Less than 2.0 percent of mass 69	0.5
127	10.0 - 80.0 percent of mass 198	64.5
197	Less than 2.0 percent of mass 198	0.5
198	Base peak, 100 percent of relative abundance	100
199	5.0 - 9.0 percent of mass 198	6.9
275	10.0 - 60.0 percent of mass 198	22.9
365	Greater than 1.00 percent of mass 198	3.6
441	Present, but less than mass 443	78.4
442	Greater than 50.0 percent of mass 198	90.3
443	15.0 - 24.0 percent of mass 442	19.4

THIS TUNE APPLIES TO THE FOLLOWING SAMPLES, MS/MSD, BLANKS, AND STANDARDS:

Client Sample ID	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	QC BatchID
XXXXXXX	80PPM_8270_ICALCSTD	SV2550	2/27/2022	13:52	SV220227-444
XXXXXXX	100PPM_8270_ICALCSTD	SV2551	2/27/2022	14:10	SV220227-444
XXXXXXX	120PPM_8270_ICALCSTD	SV2552	2/27/2022	14:28	SV220227-444
XXXXXXX	40PPM_8270_ICVICV	SV2553	2/27/2022	14:45	SV220227-444

Data Package ID: *SV2202436-1*

5B

Semi-Volatile Organic GC/MS Tuning And Mass Calibration--Decafluorotriphenylphosphine (DFTPP)

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: 103X903520F0083211203Bauer Tailings Site Assessment

DFTPP Injection Date:
DFTPP Injection Time:
Instrument ID: HPSV4
Reported on: Monday, March 14, 2022

FileID:

m/e	Ion Abundance Criteria SW8270E	% Relative Abundance
51	10.0 - 80.0 percent of mass 198	
68	Less than 2.0 percent of mass 69	
69	Mass 69 relative abundance of mass 198	
70	Less than 2.0 percent of mass 69	
127	10.0 - 80.0 percent of mass 198	
197	Less than 2.0 percent of mass 198	
198	Base peak, 100 percent of relative abundance	
199	5.0 - 9.0 percent of mass 198	
275	10.0 - 60.0 percent of mass 198	
365	Greater than 1.00 percent of mass 198	
441	Present, but less than mass 443	
442	Greater than 50.0 percent of mass 198	
443	15.0 - 24.0 percent of mass 442	

THIS TUNE APPLIES TO THE FOLLOWING SAMPLES, MS/MSD, BLANKS, AND STANDARDS:

Client Sample ID	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	QC BatchID
XXXXXXX	SV220306-4CCV1CCV	SV2778	3/6/2022	18:39	SV220306-4
XXXXXXX	ex220302-1MB	SV2779	3/6/2022	18:57	ex220302-1-1
XXXXXXX	ex220302-1LCS	SV2780	3/6/2022	19:15	ex220302-1-1
XXXXXXX	EX220303-2MB	SV2781	3/6/2022	19:33	EX220303-2-1
XXXXXXX	EX220303-2LCS	SV2782	3/6/2022	19:51	EX220303-2-1
BT-P2-AOI-02-01	2202436-1	SV2784	3/6/2022	20:28	ex220302-1-1
BT-P2-AOI-02-01	2202436-1MS	SV2785	3/6/2022	20:45	ex220302-1-1
BT-P2-AOI-02-01	2202436-1MSD	SV2786	3/6/2022	21:03	ex220302-1-1
BT-P2-AOI-09-08	2202436-9	SV2787	3/6/2022	21:21	ex220302-1-1
BT-P2-AOI-09-09	2202436-11	SV2788	3/6/2022	21:39	ex220302-1-1
BT-P2-AOI-09-02	2202436-12	SV2789	3/6/2022	21:57	ex220302-1-1
BT-P2-AOI-09-01	2202436-13	SV2790	3/6/2022	22:15	ex220302-1-1
BT-PS-AOI-09-10	2202436-14	SV2793	3/6/2022	23:53	ex220302-1-1

Data Package ID: *SV2202436-1*

5B

Semi-Volatile Organic GC/MS Tuning And Mass Calibration--Decafluorotriphenylphosphine (DFTPP)

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: 103X903520F0083211203Bauer Tailings Site Assessment

DFTPP Injection Date:
DFTPP Injection Time:
Instrument ID: HPSV4
Reported on: Monday, March 14, 2022

FileID:

m/e	Ion Abundance Criteria SW8270E	% Relative Abundance
51	10.0 - 80.0 percent of mass 198	
68	Less than 2.0 percent of mass 69	
69	Mass 69 relative abundance of mass 198	
70	Less than 2.0 percent of mass 69	
127	10.0 - 80.0 percent of mass 198	
197	Less than 2.0 percent of mass 198	
198	Base peak, 100 percent of relative abundance	
199	5.0 - 9.0 percent of mass 198	
275	10.0 - 60.0 percent of mass 198	
365	Greater than 1.00 percent of mass 198	
441	Present, but less than mass 443	
442	Greater than 50.0 percent of mass 198	
443	15.0 - 24.0 percent of mass 442	

THIS TUNE APPLIES TO THE FOLLOWING SAMPLES, MS/MSD, BLANKS, AND STANDARDS:

Client Sample ID	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	QC BatchID
BT-P2-AOI-09-04	2202436-15	SV2794	3/7/2022	0:11	ex220302-1-1
BT-P2-AOI-09-03	2202436-16	SV2795	3/7/2022	0:33	ex220302-1-1
BT-P2-AOI-03-01	2202436-2	SV2796	3/7/2022	0:50	ex220302-1-1
BT-P2-AOI-03-02	2202436-3	SV2797	3/7/2022	1:08	ex220302-1-1
BT-P2-AOI-03-03	2202436-4	SV2798	3/7/2022	1:26	ex220302-1-1
BT-P2-AOI-03-06	2202436-7	SV2799	3/7/2022	1:44	ex220302-1-1
BT-P2-AOI-03-07	2202436-8	SV2800	3/7/2022	2:02	ex220302-1-1

Data Package ID: *SV2202436-1*

5B

Semi-Volatile Organic GC/MS Tuning And Mass Calibration--Decafluorotriphenylphosphine (DFTPP)

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: 103X903520F0083211203Bauer Tailings Site Assessment

DFTPP Injection Date:
DFTPP Injection Time:
Instrument ID: HPSV4
Reported on: Monday, March 14, 2022

FileID:

m/e	Ion Abundance Criteria SW8270E	% Relative Abundance
51	10.0 - 80.0 percent of mass 198	
68	Less than 2.0 percent of mass 69	
69	Mass 69 relative abundance of mass 198	
70	Less than 2.0 percent of mass 69	
127	10.0 - 80.0 percent of mass 198	
197	Less than 2.0 percent of mass 198	
198	Base peak, 100 percent of relative abundance	
199	5.0 - 9.0 percent of mass 198	
275	10.0 - 60.0 percent of mass 198	
365	Greater than 1.00 percent of mass 198	
441	Present, but less than mass 443	
442	Greater than 50.0 percent of mass 198	
443	15.0 - 24.0 percent of mass 442	

THIS TUNE APPLIES TO THE FOLLOWING SAMPLES, MS/MSD, BLANKS, AND STANDARDS:

Client Sample ID	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	QC BatchID
XXXXXXX	SV220307-4CCV1CCV	SV2802	3/7/2022	12:28	SV220307-444
BT-P2-AOI-09-07	2202436-10	SV2813	3/7/2022	19:18	EX220303-2-1
BT-P2-AOI-09-07	2202436-10MS	SV2815	3/7/2022	22:43	EX220303-2-1
BT-P2-AOI-09-07	2202436-10MSD	SV2816	3/7/2022	23:01	EX220303-2-1
BT-P2-AOI-03-04	2202436-5	SV2817	3/7/2022	23:20	EX220303-2-1
BT-P2-AOI-03-05	2202436-6	SV2818	3/7/2022	23:38	EX220303-2-1
BT-P2-AOI-09-06	2202436-17	SV2819	3/8/2022	0:09	EX220303-2-1

Data Package ID: *SV2202436-1*

5B

Semi-Volatile Organic GC/MS Tuning And Mass Calibration--Decafluorotriphenylphosphine (DFTPP)

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: 103X903520F0083211203Bauer Tailings Site Assessment

DFTPP Injection Date:
DFTPP Injection Time:
Instrument ID: HPSV4
Reported on: Monday, March 14, 2022

FileID:

m/e	Ion Abundance Criteria SW8270E	% Relative Abundance
51	10.0 - 80.0 percent of mass 198	
68	Less than 2.0 percent of mass 69	
69	Mass 69 relative abundance of mass 198	
70	Less than 2.0 percent of mass 69	
127	10.0 - 80.0 percent of mass 198	
197	Less than 2.0 percent of mass 198	
198	Base peak, 100 percent of relative abundance	
199	5.0 - 9.0 percent of mass 198	
275	10.0 - 60.0 percent of mass 198	
365	Greater than 1.00 percent of mass 198	
441	Present, but less than mass 443	
442	Greater than 50.0 percent of mass 198	
443	15.0 - 24.0 percent of mass 442	

THIS TUNE APPLIES TO THE FOLLOWING SAMPLES, MS/MSD, BLANKS, AND STANDARDS:

Client Sample ID	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	QC BatchID
XXXXXXX	SV220308-4CCV1CCV	SV2821	3/8/2022	15:57	SV220308-44
BT-P2-AOI-09-05	2202436-18	SV2827	3/8/2022	17:59	EX220303-2-1
BT-P2-AOI-08-02	2202436-19	SV2828	3/8/2022	18:17	EX220303-2-1
BT-P2-AOI-08-01	2202436-20	SV2829	3/8/2022	18:35	EX220303-2-1
BT-P2-AOI-07-02	2202436-21	SV2830	3/8/2022	18:53	EX220303-2-1
BT-P2-AOI-04-01	2202436-23	SV2831	3/8/2022	19:11	EX220303-2-1
BT-P2-AOI-06-01	2202436-24	SV2832	3/8/2022	19:29	EX220303-2-1
BT-P2-AOI-06-03	2202436-25	SV2833	3/8/2022	19:47	EX220303-2-1
BT-P2-AOI-06-05	2202436-27	SV2834	3/8/2022	20:05	EX220303-2-1
BT-P2-AOI-06-06	2202436-28	SV2835	3/8/2022	20:23	EX220303-2-1
BT-P2-AOI-07-01	2202436-29	SV2836	3/8/2022	20:40	EX220303-2-1
BT-P2-AOI-04-01-DUP	2202436-31	SV2837	3/8/2022	20:58	EX220303-2-1
BT-P2-AOI-06-02	2202436-30	SV2838	3/8/2022	21:16	EX220303-2-1

Data Package ID: *SV2202436-1*

5B

Semi-Volatile Organic GC/MS Tuning And Mass Calibration--Decafluorotriphenylphosphine (DFTPP)

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: 103X903520F0083211203Bauer Tailings Site Assessment

DFTPP Injection Date:
DFTPP Injection Time:
Instrument ID: HPSV4
Reported on: Monday, March 14, 2022

FileID:

m/e	Ion Abundance Criteria SW8270E	% Relative Abundance
51	10.0 - 80.0 percent of mass 198	
68	Less than 2.0 percent of mass 69	
69	Mass 69 relative abundance of mass 198	
70	Less than 2.0 percent of mass 69	
127	10.0 - 80.0 percent of mass 198	
197	Less than 2.0 percent of mass 198	
198	Base peak, 100 percent of relative abundance	
199	5.0 - 9.0 percent of mass 198	
275	10.0 - 60.0 percent of mass 198	
365	Greater than 1.00 percent of mass 198	
441	Present, but less than mass 443	
442	Greater than 50.0 percent of mass 198	
443	15.0 - 24.0 percent of mass 442	

THIS TUNE APPLIES TO THE FOLLOWING SAMPLES, MS/MSD, BLANKS, AND STANDARDS:

Client Sample ID	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	QC BatchID
BT-P2-AOI-06-04	2202436-26	SV2839	3/8/2022	21:34	EX220303-2-1
BT-P2-AOI-09-06-DUP	2202436-33	SV2840	3/8/2022	21:52	EX220303-2-1

Data Package ID: *SV2202436-1*

5B

Semi-Volatile Organic GC/MS Tuning And Mass Calibration--Decafluorotriphenylphosphine (DFTPP)

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: 103X903520F0083211203Bauer Tailings Site Assessment

DFTPP Injection Date:
DFTPP Injection Time:
Instrument ID: HPSV4
Reported on: Monday, March 14, 2022

FileID:

m/e	Ion Abundance Criteria SW8270E	% Relative Abundance
51	10.0 - 80.0 percent of mass 198	
68	Less than 2.0 percent of mass 69	
69	Mass 69 relative abundance of mass 198	
70	Less than 2.0 percent of mass 69	
127	10.0 - 80.0 percent of mass 198	
197	Less than 2.0 percent of mass 198	
198	Base peak, 100 percent of relative abundance	
199	5.0 - 9.0 percent of mass 198	
275	10.0 - 60.0 percent of mass 198	
365	Greater than 1.00 percent of mass 198	
441	Present, but less than mass 443	
442	Greater than 50.0 percent of mass 198	
443	15.0 - 24.0 percent of mass 442	

THIS TUNE APPLIES TO THE FOLLOWING SAMPLES, MS/MSD, BLANKS, AND STANDARDS:

Client Sample ID	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	QC BatchID
XXXXXXX	SV220312-4CCV1CCV	SV2882	3/12/2022	1:49	SV220312-4
XXXXXXX	2203131-36	SV2883	3/12/2022	2:08	EX220310-1-1
BT-P2-AOI-05-01	2202436-22	SV2885	3/12/2022	2:44	EX220303-2-1
BT-P2-AOI-03-04-DUP	2202436-32	SV2886	3/12/2022	3:10	EX220303-2-1
XXXXXXX	2203131-30	SV2889	3/12/2022	4:10	EX220310-1-1
XXXXXXX	2203131-21	SV2890	3/12/2022	4:28	EX220310-1-1
XXXXXXX	2203131-22	SV2891	3/12/2022	4:46	EX220310-1-1
XXXXXXX	2203131-23	SV2892	3/12/2022	5:04	EX220310-1-1
XXXXXXX	2203131-24	SV2893	3/12/2022	5:21	EX220310-1-1
XXXXXXX	2203131-25	SV2894	3/12/2022	5:39	EX220310-1-1
XXXXXXX	2203131-26	SV2895	3/12/2022	5:57	EX220310-1-1
XXXXXXX	2203131-27	SV2896	3/12/2022	6:15	EX220310-1-1
XXXXXXX	2203131-28	SV2897	3/12/2022	6:33	EX220310-1-1

Data Package ID: *SV2202436-1*

5B

Semi-Volatile Organic GC/MS Tuning And Mass Calibration--Decafluorotriphenylphosphine (DFTPP)

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: 103X903520F0083211203Bauer Tailings Site Assessment

DFTPP Injection Date:
DFTPP Injection Time:
Instrument ID: HPSV4
Reported on: Monday, March 14, 2022

FileID:

m/e	Ion Abundance Criteria SW8270E	% Relative Abundance
51	10.0 - 80.0 percent of mass 198	
68	Less than 2.0 percent of mass 69	
69	Mass 69 relative abundance of mass 198	
70	Less than 2.0 percent of mass 69	
127	10.0 - 80.0 percent of mass 198	
197	Less than 2.0 percent of mass 198	
198	Base peak, 100 percent of relative abundance	
199	5.0 - 9.0 percent of mass 198	
275	10.0 - 60.0 percent of mass 198	
365	Greater than 1.00 percent of mass 198	
441	Present, but less than mass 443	
442	Greater than 50.0 percent of mass 198	
443	15.0 - 24.0 percent of mass 442	

THIS TUNE APPLIES TO THE FOLLOWING SAMPLES, MS/MSD, BLANKS, AND STANDARDS:

Client Sample ID	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	QC BatchID
XXXXXXX	2203131-29	SV2898	3/12/2022	6:51	EX220310-1-1
XXXXXXX	2203131-31	SV2899	3/12/2022	7:09	EX220310-1-1
XXXXXXX	2203131-32	SV2900	3/12/2022	7:27	EX220310-1-1
XXXXXXX	2203131-33	SV2901	3/12/2022	7:44	EX220310-1-1
XXXXXXX	2203131-34	SV2902	3/12/2022	8:02	EX220310-1-1
XXXXXXX	2203131-35	SV2903	3/12/2022	8:20	EX220310-1-1
XXXXXXX	EX220310-2MB	SV2904	3/12/2022	8:38	EX220310-2-1
XXXXXXX	EX220310-2LCS	SV2905	3/12/2022	8:56	EX220310-2-1
XXXXXXX	EX220310-2LCSD	SV2906	3/12/2022	9:14	EX220310-2-1
XXXXXXX	2203154-2	SV2907	3/12/2022	9:32	EX220310-2-1
XXXXXXX	EX220307-1MB	SV2908	3/12/2022	9:50	EX220307-1-1
XXXXXXX	EX220307-1LCS	SV2909	3/12/2022	10:08	EX220307-1-1
XXXXXXX	2202482-1MS	SV2910	3/12/2022	10:25	EX220307-1-1

Data Package ID: *SV2202436-1*

5B

Semi-Volatile Organic GC/MS Tuning And Mass Calibration--Decafluorotriphenylphosphine (DFTPP)

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: 103X903520F0083211203Bauer Tailings Site Assessment

DFTPP Injection Date:
DFTPP Injection Time:
Instrument ID: HPSV4
Reported on: Monday, March 14, 2022

FileID:

m/e	Ion Abundance Criteria SW8270E	% Relative Abundance
51	10.0 - 80.0 percent of mass 198	
68	Less than 2.0 percent of mass 69	
69	Mass 69 relative abundance of mass 198	
70	Less than 2.0 percent of mass 69	
127	10.0 - 80.0 percent of mass 198	
197	Less than 2.0 percent of mass 198	
198	Base peak, 100 percent of relative abundance	
199	5.0 - 9.0 percent of mass 198	
275	10.0 - 60.0 percent of mass 198	
365	Greater than 1.00 percent of mass 198	
441	Present, but less than mass 443	
442	Greater than 50.0 percent of mass 198	
443	15.0 - 24.0 percent of mass 442	

THIS TUNE APPLIES TO THE FOLLOWING SAMPLES, MS/MSD, BLANKS, AND STANDARDS:

Client Sample ID	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	QC BatchID
XXXXXXX	2202482-1MSD	SV2911	3/12/2022	10:43	EX220307-1-1
XXXXXXX	2202484-1MS	SV2912	3/12/2022	11:01	EX220307-1-1
XXXXXXX	2202484-1MSD	SV2913	3/12/2022	11:19	EX220307-1-1
XXXXXXX	2202482-1	SV2914	3/12/2022	11:37	EX220307-1-1
XXXXXXX	2202484-1	SV2915	3/12/2022	11:55	EX220307-1-1

Data Package ID: *SV2202436-1*

Calibration ID: 022722M
Instrument ID: HPSV4
Calibration Date: 2/27/2022

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Initial Calibration Report

Analyte	FileName: / Cal LVL ID:	SV2545.D 1	SV2546.D 5	SV2547.D 10	SV2548.D 20	SV2549.D 40	SV2550.D 80	SV2551.D 100	SV2552.D 120	AvgRF	%RSD	Curve Type	Higher Order Equation Corr	Quad Term	Linear Term	Const Term
1,4-dichlorobenzene-d4											ISTD	AvgRF				
1,4-dioxane		0.5299	0.4970	0.4906	0.4904	0.4817	0.4936	0.4863	0.4984	0.4960	2.97	AvgRF				
pyridine		1.7952	1.8476	1.8645	1.8467	1.8837	1.9440	1.8917	1.9869	1.8800	2.94	AvgRF				
n-nitrosodimethylamine		1.0808	1.1078	1.0929	1.1124	1.1451	1.1437	1.1312	1.1607	1.1218	2.48	AvgRF				
2-fluorophenol		1.2546	1.3583	1.3760	1.4187	1.3907	1.4973	1.4819	1.5352	1.4141	6.37 SUR	AvgRF				
2-chlorophenol-d4		1.1623	1.2626	1.2937	1.3232	1.3279	1.4127	1.3910	1.4293	1.3253	6.64 SUR	AvgRF				
aniline		4.0211	4.1580	4.1969	4.2569	4.4553	4.4055	4.2985	4.3494	4.2677	3.31	AvgRF				
phenol-d5		1.6628	1.8215	1.8403	1.8659	1.8690	2.0051	1.9653	2.0295	1.8824	6.28 SUR	AvgRF				
phenol		1.8299	1.9926	2.0217	2.0563	2.1533	2.1899	2.1614	2.2232	2.0785	6.27	AvgRF				
bis(2-chloroethyl)ether		1.3720	1.3670	1.3702	1.3882	1.4359	1.4172	1.3811	1.3982	1.3912	1.77	AvgRF				
2-chlorophenol		1.1971	1.3244	1.3464	1.3742	1.4500	1.4569	1.4430	1.4864	1.3848	6.88	AvgRF				
1,3-dichlorobenzene		1.5331	1.5298	1.5360	1.5465	1.6019	1.5737	1.5466	1.5772	1.5556	1.66	AvgRF				
1,4-dichlorobenzene		1.5424	1.5389	1.5497	1.5445	1.5938	1.5822	1.5426	1.5667	1.5574	1.35	AvgRF				
1,2-dichlorobenzene-d4		1.6497	1.6069	1.6188	1.6396	1.6383	1.6673	1.6105	1.6017	1.6291	1.43 SUR	AvgRF				
1,2-dichlorobenzene		1.4823	1.4546	1.4720	1.4900	1.5566	1.4906	1.4343	1.4303	1.4741	2.77	AvgRF				
benzyl alcohol		1.0921	1.2390	1.2906	1.3428	1.4293	1.4496	1.4347	1.4795	1.3447	9.83	AvgRF				
bis(2-chloroisopropyl)ether		2.0616	2.0410	1.9964	2.0201	2.0576	1.9845	1.9065	1.9321	2.0000	2.85	AvgRF				
2-methylphenol		1.2564	1.3892	1.4193	1.4805	1.5604	1.5209	1.4589	1.4733	1.4450	6.45	AvgRF				
n-nitroso-di-n-propylamine		1.1091	1.1844	1.1719	1.2133	1.2590	1.2443	1.2264	1.2536	1.2080	4.21	AvgRF				
3+4-methylphenol		1.2920	1.4702	1.5313	1.5834	1.6817	1.6956	1.6530	1.7036	1.5763	9.02	AvgRF				
hexachloroethane		0.5801	0.5789	0.5876	0.6102	0.6447	0.6563	0.6456	0.6649	0.6210	5.78	AvgRF				
naphthalene-d8											ISTD	AvgRF				
nitrobenzene-d5		1.8431	1.7541	1.7901	1.8742	1.9112	1.9902	1.9423	1.9794	1.8606	6.55 SUR	AvgRF				
nitrobenzene		0.6133	0.6761	0.6961	0.7312	0.7753	0.7849	0.7760	0.7958	0.7311	8.83	AvgRF				
isophorone		0.7851	0.8275	0.8140	0.8456	0.8819	0.8859	0.8634	0.8816	0.8456	4.97	AvgRF				
2-nitrophenol		0.0824	0.1079	0.1208	0.1370	0.1569	0.1761	0.1763	0.1868	0.1435	26.27	quadratic	0.9992	0.016981	0.138165	-0.00207
2,4-dimethylphenol		0.2257	0.3353	0.3481	0.3646	0.4040	0.4112	0.4044	0.4195	0.3641	17.60	quadratic	0.9996	0.008481	0.393996	-0.00815
bis(2-chloroethoxy)methane		0.4711	0.4946	0.4862	0.5004	0.5261	0.5365	0.5259	0.5387	0.5102	4.98	AvgRF				
2,4-dichlorophenol		0.1969	0.2392	0.2488	0.2566	0.2799	0.2836	0.2800	0.2923	0.2599	12.12	AvgRF				
benzoic acid		0.0443	0.0861	0.0958	0.1403	0.1761	0.2630	0.2640	0.2691	0.1701	54.87	quadratic	0.9969	0.056502	0.127893	-0.00344
1,2,4-trichlorobenzene		0.2946	0.2693	0.2880	0.2937	0.3066	0.3102	0.3062	0.3135	0.3003	3.32	AvgRF				
naphthalene		1.1156	1.1082	1.0952	1.1029	1.1422	1.1148	1.0835	1.0866	1.1061	1.71	AvgRF				
4-chloroaniline		0.2292	0.1724	0.1623	0.1610	0.1670	0.1629	0.1577	0.1604	0.1716	13.81	AvgRF				
hexachlorobutadiene		0.1526	0.1556	0.1554	0.1556	0.1641	0.1672	0.1635	0.1705	0.1606	4.07	AvgRF				
4-chloro-3-methylphenol		0.2350	0.2845	0.2895	0.3067	0.3337	0.3480	0.3419	0.3561	0.3119	13.17	AvgRF				
2-methylnaphthalene		0.6581	0.6774	0.6899	0.6870	0.7146	0.7196	0.7055	0.7213	0.6942	3.51	AvgRF				
1-methylnaphthalene		0.5971	0.6417	0.6239	0.6294	0.6613	0.6611	0.6482	0.6652	0.6410	3.64	AvgRF				
acenaphthene-d10											ISTD	AvgRF				
hexachlorocyclopentadiene		0.1620	0.1952	0.2161	0.2427	0.3027	0.3374	0.3495	0.3716	0.2724	28.74	quadratic	0.9991	0.043226	0.245535	-0.00340
2,4,6-trichlorophenol		0.2071	0.2899	0.3121	0.3185	0.3790	0.3906	0.3910	0.4062	0.3343	21.04	quadratic	0.9991	0.022953	0.340147	-0.00467
2,4,5-trichlorophenol		0.2487	0.3174	0.3128	0.3547	0.3630	0.3899	0.3918	0.4056	0.3477	15.26	quadratic	0.9998	0.021035	0.343729	-0.00294
2-fluorobiphenyl		1.2420	1.2876	1.2911	1.3055	1.3165	1.3739	1.3481	1.3787	1.3182	3.55 SUR	AvgRF				
2-chloronaphthalene		1.0588	1.0996	1.1178	1.1184	1.1943	1.2029	1.1977	1.2212	1.1513	5.19	AvgRF				
2-nitroaniline		0.1796	0.2552	0.2832	0.3354	0.3811	0.4144	0.4159	0.4316	0.3371	26.87	quadratic	0.9990	0.032655	0.339803	-0.00584
1,4-dinitrobenzene		0.0617	0.0919	0.1075	0.1371	0.1648	0.1893	0.1954	0.2021	0.1437	36.59	quadratic	0.9984	0.023302	0.137319	-0.00298
dimethyl phthalate		1.1484	1.2215	1.2110	1.2597	1.3433	1.3747	1.3660	1.3820	1.2883	6.95	AvgRF				
1,3-dinitrobenzene		0.0831	0.1311	0.1482	0.1774	0.2045	0.2221	0.2246	0.2330	0.1780	29.99	quadratic	0.9997	0.012008	0.199882	-0.00905
2,6-dinitrotoluene		0.1661	0.2354	0.2501	0.2727	0.2981	0.3151	0.3151	0.3239	0.2721	19.70	quadratic	0.9998	0.010484	0.294737	-0.00826
1,2-dinitrobenzene		0.0653	0.1010	0.1086	0.1243	0.1381	0.1488	0.1488	0.1523	0.1234	24.59	quadratic	0.9998	0.005005	0.139291	-0.00550
acenaphthylene		1.6956	1.8431	1.8549	1.9166	2.0106	2.0172	1.9942	2.0305	1.9204	6.09	AvgRF				
3-nitroaniline		0.2643	0.3703	0.3935	0.4346	0.4756	0.4974	0.5005	0.5119	0.4310	19.74	quadratic	0.9996	0.024549	0.443366	-0.00586
acenaphthene		1.1569	1.1947	1.2070	1.2123	1.2792	1.3023	1.2867	1.3026	1.2427	4.54	AvgRF				
2,4-dinitrophenol			0.0322	0.0376	0.0542	0.0827	0.1192	0.1337	0.1507	0.0872	55.06	quadratic	0.9996	0.034056	0.050654	-0.00390
4-nitrophenol		0.1371	0.1953	0.2242	0.2667	0.3115	0.3393	0.3433	0.3559	0.2717	29.38	↓	0.9996	0.036011	0.254490	-0.00367
dibenzofuran		1.5395	1.5829	1.5761	1.6116	1.6922	1.7030	1.6688	1.7045	1.6348	3.98	AvgRF				
2,4-dinitrotoluene		0.1565	0.2513	0.2851	0.3355	0.3807	0.4063	0.4111	0.4241	0.3313	28.44	quadratic	0.9991	0.029388	0.341939	-0.00642
2,3,5,6-tetrachlorophenol		0.1150	0.1643	0.2053	0.2420	0.2792	0.3026	0.3063	0.3197	0.2443	29.36	quadratic	0.9991	0.025995	0.245685	-0.00453
2,3,4,6-tetrachlorophenol		0.1559	0.2392	0.2508	0.2736	0.3013	0.3185	0.3167	0.3311	0.2736	21.25	quadratic	0.9997	0.017988	0.278855	-0.00375
diethyl phthalate		1.0830	1.2206	1.2338	1.2865	1.3749	1.4280	1.4173	1.4415	1.3109	9.68	AvgRF				
fluorene		1.1822	1.2515	1.2553	1.3053	1.3811	1.4002	1.3674	1.3901	1.3166	6.11	AvgRF				
4-chlorophenyl phenyl ether		0.5215	0.5546	0.5807	0.5767	0.6150	0.6349	0.6315	0.6486	0.5932	7.71	AvgRF				
4-nitroaniline		0.1798	0.2680	0.2951	0.3314	0.3740	0.4046	0.4028	0.4107	0.3333	24.55	quadratic	0.9991	0.024699	0.344389	-0.00570
azobenzene		1.5342	1.6579	1.6435	1.7139	1.7945	1.8176	1.7866	1.8085	1.7196	5.88	AvgRF				
2,4,6-tribromophenol		0.0491	0.0777	0.0831	0.0949	0.1004	0.1124	0.1149	0.1198	0.0940	25.06 SUR			0.009324	0.092022	
phenanthrene-d10											ISTD	AvgRF				
4,6-dinitro-2-methylphenol			0.0459	0.0617	0.0884	0.1262	0.1659	0.1766	0.1899	0.1224	47.31	quadratic	0.9990	0.030075	0.105393	-0.01004

Operator: TK HPSV4 sn #: CV11451177 Notes:

Calibration ID: 022722M
Instrument ID: HPSV4
Calibration Date: 2/27/2022

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Initial Calibration Report

Analyte	FileName: / Cal LVL ID:	SV2546.D 1	SV2546.D 5	SV2547.D 10	SV2548.D 20	SV2549.D 40	SV2550.D 80	SV2551.D 100	SV2552.D 120	AvgRF	%RSD		Curve Type	Higher Order Equation Corr	Quad Term	Linear Term	Const Term
n-nitrosodiphenylamine		0.9323	1.0378	1.0321	1.0798	1.1569	1.1926	1.1935	1.2039	1.1036	8.95		AvgRF				
4-bromophenyl phenyl ether		0.2919	0.3103	0.3104	0.3257	0.3480	0.3673	0.3682	0.3733	0.3369	9.33		AvgRF				
hexachlorobenzene		0.2107	0.2120	0.2148	0.2168	0.2247	0.2338	0.2334	0.2430	0.2237	5.35		AvgRF				
pentachlorophenol			0.0835	0.0827	0.1035	0.1251	0.1411	0.1439	0.1526	0.1161	29.13		quadratic	0.9996	0.012321	0.118190	-0.00803
phenanthrene		1.0466	1.0434	1.0344	1.0624	1.1245	1.1420	1.1203	1.1309	1.0881	4.16		AvgRF				
anthracene		0.9484	1.0260	1.0397	1.0608	1.1454	1.1614	1.1362	1.1656	1.0879	7.18		AvgRF				
carbazole		0.8112	0.9484	0.9614	0.9924	1.0519	1.0662	1.0626	1.0965	0.9989	9.28		AvgRF				
di-n-butyl phthalate			0.9687	1.0587	1.1532	1.2873	1.3493	1.3307	1.3467	1.2132	12.75		AvgRF				
terphenyl-d14		0.8479	0.9469	0.9620	0.9941	1.0206	1.0657	1.0698	1.0842	1.0014	8.20	SUR	AvgRF				
fluoranthene		0.9168	0.9996	1.0260	1.0601	1.1492	1.1959	1.1859	1.2049	1.0923	9.80		AvgRF				
chrysene-d12												ISTD	AvgRF				
benzidine			0.4539	0.5453	0.6809	0.7542	0.9199	0.9189	0.9662	0.7485	26.63		quadratic	0.9992	0.084908	0.733100	-0.04241
pyrene		1.1537	1.2448	1.2653	1.2878	1.4067	1.4389	1.4028	1.4025	1.3253	7.67		AvgRF				
butyl benzyl phthalate			0.2928	0.3693	0.4746	0.5987	0.6896	0.6908	0.6961	0.5446	30.66		quadratic	0.9985	0.041141	0.603377	-0.04911
bis(2-ethylhexyl) adipate			0.2515	0.3239	0.4147	0.5269	0.6106	0.6187	0.6339	0.4829	31.96		quadratic	0.9989	0.047550	0.514784	-0.04122
benzo(a)anthracene		1.1982	1.1945	1.2369	1.2524	1.3530	1.3793	1.3533	1.3565	1.2905	6.01		AvgRF				
3,3'-dichlorobenzidine		0.1793	0.2998	0.3444	0.3978	0.4401	0.5105	0.5129	0.5297	0.4018	30.51		quadratic	0.9995	0.030972	0.445962	-0.02123
chrysene		1.0468	1.1311	1.1225	1.1596	1.2448	1.2831	1.2367	1.2625	1.1834	6.77		AvgRF				
bis(2-ethylhexyl)phthalate			0.4817	0.5870	0.7032	0.8584	0.9812	0.9872	1.0003	0.7942	27.65		quadratic	0.9989	0.060434	0.856484	-0.06177
di-n-octyl phthalate			0.4094	0.5537	0.8037	1.1257	1.3856	1.4335	1.4905	1.0289	42.99		quadratic	0.9993	0.115734	1.206979	-0.16476
perylene-d12												ISTD	AvgRF				
benzo(b)fluoranthene		0.7999	0.9394	1.0506	1.1174	1.2990	1.3792	1.3465	1.4159	1.1685	19.39		quadratic	0.9989	0.084420	1.171162	-0.01449
benzo(k)fluoranthene		0.9563	1.0657	1.1072	1.1910	1.2725	1.3338	1.3463	1.3436	1.2020	12.23		AvgRF				
benzo(a)pyrene		0.6415	0.7681	0.8762	0.9611	1.0986	1.1683	1.1797	1.2162	0.9937	21.32		quadratic	0.9991	0.079470	0.995785	-0.01357
indeno(1,2,3-cd)pyrene		0.4307	0.6454	0.7568	0.8919	1.0750	1.1831	1.1912	1.2239	0.9247	31.69		quadratic	0.9984	0.105742	0.935676	-0.01923
dibenzo(a,h)anthracene		0.5833	0.8034	0.9023	1.0097	1.1403	1.2280	1.2406	1.3031	1.0263	24.37		quadratic	0.9994	0.098704	1.014938	-0.01487
benzo(g,h,i)perylene		0.6530	0.8657	0.9494	1.0312	1.1705	1.2295	1.2324	1.2816	1.0517	20.82		quadratic	0.9994	0.076400	1.060999	-0.01409

Operator: TK HPSV4 sn #: CV11451177 Notes:

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Initial Calibration Verification

Lab Sample ID: 40PPM_8270_ICV **Calibration ID:** 022722M
Analysis Date: 2/27/2022 **Instrument ID:** HPSV4
File Name: SV2553 **Calibration Date:** 2/27/2022

	Analyte	AvgRF	CCRF	Expected Conc.	Found Conc.	%Dev. or % Drift	%Diff (Area)	RT Dev. (min)	Curve Type
1) ISTD	1,4-dichlorobenzene-d4						9.3	-0.002	AvgRF
2)	1,4-dioxane	0.4960	0.4774			-3.7		0.004	AvgRF
3)	pyridine	1.8800	1.8903			0.5		0.004	AvgRF
4)	n-nitrosodimethylamine	1.1218	1.1574			3.2		-0.005	AvgRF
8)	aniline	4.2677	4.4601			4.5		0.001	AvgRF
10)	phenol	2.0785	2.1947			5.6		0.000	AvgRF
12)	bis(2-chloroethyl)ether	1.3912	1.4489			4.1		-0.003	AvgRF
13)	2-chlorophenol	1.3848	1.4604			5.5		0.000	AvgRF
14)	1,3-dichlorobenzene	1.5556	1.5905			2.2		0.000	AvgRF
15)	1,4-dichlorobenzene	1.5574	1.5926			2.3		0.000	AvgRF
17)	1,2-dichlorobenzene	1.4741	1.5478			5.0		0.000	AvgRF
18)	benzyl alcohol	1.3447	1.4653			9.0		-0.001	AvgRF
19)	bis(2-chloroisopropyl)ether	2.0000	2.0702			3.5		-0.002	AvgRF
20)	2-methylphenol	1.4450	1.5753			9.0		0.000	AvgRF
21)	n-nitroso-di-n-propylamine	1.2080	1.2799			6.0		-0.003	AvgRF
22)	3+4-methylphenol	1.5763	1.7154			8.8		0.005	AvgRF
24)	hexachloroethane	0.6210	0.6568			5.8		0.001	AvgRF
26) ISTD	naphthalene-d8						9.0	-0.001	AvgRF
28)	nitrobenzene	0.7311	0.7885			7.8		0.003	AvgRF
29)	isophorone	0.8456	0.8965			6.0		0.004	AvgRF
31)	2-nitrophenol			40.000	44.94	12.3		0.001	quadratic
32)	2,4-dimethylphenol			40.000	41.28	3.2		-0.004	quadratic
33)	bis(2-chloroethoxy)methane	0.5102	0.5325			4.4		0.003	AvgRF
34)	2,4-dichlorophenol	0.2599	0.2851			9.7		0.005	AvgRF
35)	benzoic acid			40.000	46.89	17.2		0.005	quadratic
36)	1,2,4-trichlorobenzene	0.3003	0.3048			1.5		-0.002	AvgRF
37)	naphthalene	1.1061	1.1462			3.6		0.001	AvgRF
38)	4-chloroaniline	0.1716	0.1668			-2.8		-0.003	AvgRF
39)	hexachlorobutadiene	0.1606	0.1643			2.3		0.000	AvgRF
40)	4-chloro-3-methylphenol	0.3119	0.3408			9.2		-0.004	AvgRF
41)	2-methylnaphthalene	0.6942	0.7200			3.7		0.001	AvgRF
42)	1-methylnaphthalene	0.6410	0.6628			3.4		0.001	AvgRF
43) ISTD	acenaphthene-d10						9.9	0.004	AvgRF
44)	hexachlorocyclopentadiene			40.000	44.61	11.5		-0.003	quadratic
45)	2,4,6-trichlorophenol			40.000	42.91	7.3		0.001	quadratic
46)	2,4,5-trichlorophenol			40.000	41.32	3.3		0.001	quadratic
48)	2-chloronaphthalene	1.1513	1.1859			3.0		0.004	AvgRF
49)	2-nitroaniline			40.000	43.42	8.6		-0.003	quadratic
50)	1,4-dinitrobenzene			40.000	44.81	12.0		0.004	quadratic
51)	dimethyl phthalate	1.2883	1.3570			5.3		0.003	AvgRF
52)	1,3-dinitrobenzene			40.000	41.91	4.8		-0.002	quadratic
53)	2,6-dinitrotoluene			40.000	41.05	2.6		-0.004	quadratic
54)	1,2-dinitrobenzene			40.000	41.20	3.0		0.003	quadratic
55)	acenaphthylene	1.9204	2.0149			4.9		0.004	AvgRF
56)	3-nitroaniline			40.000	41.82	4.6		-0.005	quadratic
57)	acenaphthene	1.2427	1.2935			4.1		0.004	AvgRF
58)	2,4-dinitrophenol			40.000	48.94	22.3		0.002	quadratic
59)	4-nitrophenol					23.2		-0.005	
60)	dibenzofuran	1.6348	1.6860			3.1		-0.003	AvgRF
61)	2,4-dinitrotoluene			40.000	42.70	6.7		-0.004	quadratic
62)	2,3,5,6-tetrachlorophenol			40.000	43.40	8.5		0.000	quadratic
63)	2,3,4,6-tetrachlorophenol			40.000	41.60	4.0		-0.005	quadratic
64)	diethyl phthalate	1.3109	1.3949			6.4		-0.003	AvgRF
65)	fluorene	1.3166	1.3792			4.8		0.002	AvgRF
66)	4-chlorophenyl phenyl ether	0.5932	0.6186			4.3		0.004	AvgRF
67)	4-nitroaniline			40.000	42.12	5.3		0.002	quadratic
68)	azobenzene	1.7196	1.7976			4.5		-0.002	AvgRF
70) ISTD	phenanthrene-d10						10.1	-0.002	AvgRF
71)	4,6-dinitro-2-methylphenol			40.000	46.60	16.5		0.000	quadratic
72)	n-nitrosodiphenylamine	1.1036	1.1656			5.6		0.003	AvgRF
73)	4-bromophenyl phenyl ether	0.3369	0.3517			4.4		-0.002	AvgRF
74)	hexachlorobenzene	0.2237	0.2287			2.3		0.001	AvgRF
75)	pentachlorophenol			40.000	43.49	8.7		0.004	quadratic

Operator: TK HPSV4 sn #: CV11451177

ALS -- Fort Collins

Initial Calibration Verification

Lab Sample ID: 40PPM_8270_ICV **Calibration ID:** 022722M
Analysis Date: 2/27/2022 **Instrument ID:** HPSV4
File Name: SV2553 **Calibration Date:** 2/27/2022

	Analyte	AvgRF	CCRF	Expected Conc.	Found Conc.	%Dev. or % Drift	%Diff (Area)	RT Dev. (min)	Curve Type
76)	phenanthrene	1.0881	1.1163			2.6		-0.004	AvgRF
77)	anthracene	1.0879	1.1375			4.6		0.003	AvgRF
78)	carbazole	0.9989	1.0649			6.6		-0.003	AvgRF
79)	di-n-butyl phthalate	1.2132	1.3082			7.8		-0.003	AvgRF
81)	fluoranthene	1.0923	1.1613			6.3		-0.003	AvgRF
82) ISTD	chrysene-d12						10.3	-0.002	AvgRF
83)	benzidine			40.000	40.82	2.1		0.001	quadratic
84)	pyrene	1.3253	1.4090			6.3		-0.001	AvgRF
86)	butyl benzyl phthalate			40.000	42.67	6.7		-0.004	quadratic
87)	bis(2-ethylhexyl) adipate			40.000	42.97	7.4		-0.003	quadratic
88)	benzo(a)anthracene	1.2905	1.3569			5.1		0.000	AvgRF
90)	chrysene	1.1834	1.2432			5.1		0.003	AvgRF
91)	bis(2-ethylhexyl)phthalate			40.000	42.12	5.3		-0.002	quadratic
92)	di-n-octyl phthalate			40.000	42.38	6.0		0.004	quadratic
93) ISTD	perylene-d12						10.3	0.004	AvgRF
94)	benzo(b)fluoranthene			40.000	41.86	4.7		-0.005	quadratic
95)	benzo(k)fluoranthene	1.2020	1.2739			6.0		-0.002	AvgRF
96)	benzo(a)pyrene			40.000	41.69	4.2		-0.004	quadratic
97)	indeno(1,2,3-cd)pyrene			40.000	42.32	5.8		-0.002	quadratic
98)	dibenzo(a,h)anthracene			40.000	41.69	4.2		-0.003	quadratic
99)	benzo(g,h,i)perylene			40.000	41.27	3.2		0.003	quadratic

Operator: TK HPSV4 sn #: CV11451177

Calibration ID: 022722SPM
Instrument ID: HPSV4
Calibration Date: 2/27/2022

ALS -- Fort Collins

Initial Calibration Report

Analyte	FileName: / Cal LVL ID:	SV2535.D 0.05	SV2536.D 0.1	SV2537.D 0.5	SV2538.D 1	SV2539.D 2	SV2540.D 5	SV2541.D 10	AvgRF	%RSD		Curve Type	Higher Order Equation Corr	Quad Term	Linear Term	Const Term
naphthalene-d8											ISTD	AvgRF				
nitrobenzene-d5		0.4439	0.3915	0.4009	0.3986	0.4023	0.4242	0.4300	0.4131	4.74	SUR	AvgRF				
naphthalene		1.2436	1.1382	1.1342	1.1199	1.1018	1.1111	1.0795	1.1326	4.66		AvgRF				
2-methylnaphthalene		0.8061	0.7205	0.7233	0.7211	0.7204	0.7485	0.7501	0.7414	4.24		AvgRF				
1-methylnaphthalene		0.7810	0.6948	0.7038	0.6987	0.6942	0.7097	0.7057	0.7126	4.31		AvgRF				
acenaphthene-d10											ISTD	AvgRF				
2-fluorobiphenyl		1.6016	1.4338	1.4458	1.4352	1.4206	1.4393	1.4066	1.4547	4.55	SUR	AvgRF				
acenaphthylene		2.2912	2.0244	2.0235	2.0059	2.0254	2.1192	2.1291	2.0884	4.90		AvgRF				
acenaphthene		1.5116	1.3691	1.3362	1.3296	1.3220	1.3537	1.3355	1.3654	4.86		AvgRF				
fluorene		1.5811	1.4293	1.4006	1.3852	1.4064	1.4683	1.4575	1.4469	4.59		AvgRF				
phenanthrene-d10											ISTD	AvgRF				
phenanthrene		1.3924	1.2628	1.2144	1.2082	1.1915	1.2263	1.2269	1.2458	5.49		AvgRF				
anthracene		1.2347	1.1007	1.0986	1.0974	1.1179	1.1837	1.1899	1.1461	4.87		AvgRF				
terphenyl-d14		1.2817	1.0972	1.0367	1.0224	1.0207	1.0275	1.0337	1.0743	8.86	SUR	AvgRF				
fluoranthene		1.2732	1.1513	1.1243	1.1279	1.1627	1.2425	1.2635	1.1922	5.46		AvgRF				
chrysene-d12											ISTD	AvgRF				
pyrene		1.9804	1.7732	1.6673	1.6310	1.6050	1.6492	1.6253	1.7045	7.83		AvgRF				
benzo(a)anthracene		1.5349	1.3080	1.2013	1.1871	1.2203	1.3046	1.3239	1.2971	9.16		AvgRF				
chrysene		1.6004	1.4813	1.4089	1.4087	1.3482	1.3798	1.3614	1.4270	6.16		AvgRF				
perylene-d12											ISTD	AvgRF				
benzo(b)fluoranthene		1.4478	1.2627	1.2728	1.2914	1.3857	1.5894	1.6482	1.4140	11.01		quadratic	0.9988	0.059600	1.366826	-0.00333
benzo(k)fluoranthene		1.4803	1.3935	1.4734	1.5787	1.6919	1.8353	1.8611	1.6160	11.40		quadratic	0.9991	0.041666	1.669864	-0.01132
benzo(a)pyrene		1.2429	1.1010	1.0952	1.1482	1.3071	1.5043	1.5849	1.2834	15.22		quadratic	0.9959	0.105131	1.124870	0.001910
indeno(1,2,3-cd)pyrene		0.8919	0.7219	0.7346	0.7722	0.8636	1.0783	1.2149	0.8968	20.75		quadratic	0.9985	0.083432	0.811087	-0.00263
dibenzo(a,h)anthracene		0.8730	0.7603	0.9158	0.9904	1.1066	1.2958	1.3720	1.0448	21.54		quadratic	0.9984	0.062817	1.075290	-0.01181
benzo(g,h,i)perylene		1.2758	1.1281	1.1130	1.1527	1.2491	1.4271	1.4987	1.2635	11.90		quadratic	0.9989	0.059310	1.216659	-0.00332

Operator: TK HPSV4 sn #: CV11451177 Notes:

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Initial Calibration Verification

Lab Sample ID: 5PPM_SIMPAH_ICV **Calibration ID:** 022722SPM
Analysis Date: 2/27/2022 **Instrument ID:** HPSV4
File Name: SV2543 **Calibration Date:** 2/27/2022

	Analyte	AvgRF	CCRF	Expected Conc.	Found Conc.	%Dev. or % Drift	%Diff (Area)	RT Dev. (min)	Curve Type
26) ISTD	naphthalene-d8						1.9	-0.002	AvgRF
37)	naphthalene	1.1328	1.1083			-2.1		0.000	AvgRF
41)	2-methylnaphthalene	0.7414	0.7417			0.0		-0.002	AvgRF
42)	1-methylnaphthalene	0.7126	0.7046			-1.1		0.000	AvgRF
43) ISTD	acenaphthene-d10						0.4	-0.002	AvgRF
55)	acenaphthylene	2.0884	2.1246			1.7		0.005	AvgRF
57)	acenaphthene	1.3654	1.3602			-0.4		-0.001	AvgRF
65)	fluorene	1.4469	1.4747			1.9		0.003	AvgRF
70) ISTD	phenanthrene-d10						0.5	0.003	AvgRF
76)	phenanthrene	1.2458	1.2319			-1.1		0.003	AvgRF
77)	anthracene	1.1461	1.1805			3.0		0.002	AvgRF
81)	fluoranthene	1.1922	1.2378			3.8		-0.002	AvgRF
82) ISTD	chrysene-d12						1.6	0.003	AvgRF
84)	pyrene	1.7045	1.6320			-4.3		-0.001	AvgRF
88)	benzo(a)anthracene	1.2971	1.2569			-3.1		-0.002	AvgRF
90)	chrysene	1.4270	1.3750			-3.6		0.001	AvgRF
93) ISTD	perylene-d12						1.1	0.003	AvgRF
94)	benzo(b)fluoranthene			5.000	5.23	4.5		0.000	quadratic
95)	benzo(k)fluoranthene			5.000	5.19	3.7		0.000	quadratic
96)	benzo(a)pyrene			5.000	5.30	6.1		0.004	quadratic
97)	indeno(1,2,3-cd)pyrene			5.000	5.06	1.1		0.001	quadratic
98)	dibenzo(a,h)anthracene			5.000	5.17	3.4		-0.004	quadratic
99)	benzo(g,h,i)perylene			5.000	5.16	3.1		0.000	quadratic

Operator: TK HPSV4 sn #: CV11451177

ALS -- Fort Collins

Continuing Calibration Verification

Lab Sample ID: SV220306-4CCV **Calibration ID:** 022722M
Analysis Date: 3/6/2022 **Instrument ID:** HPSV4
File Name: SV2778 **Calibration Date:** 2/27/2022

		Analyte	AvgRF	CCRF	Expected Conc.	Found Conc.	%Dev. or % Drift	%Diff (Area)	RT Dev.	Curve Type
1)	ISTD	1,4-dichlorobenzene-d4						16.1	-0.005	AvgRF
3)		pyridine	1.8800	1.9294			2.6		0.002	AvgRF
4)		n-nitrosodimethylamine	1.1218	1.1524			2.7		-0.003	AvgRF
8)		aniline	4.2677	4.5826			7.4		0.002	AvgRF
10		phenol	2.0785	2.2719			9.3		-0.003	AvgRF
12		bis(2-chloroethyl)ether	1.3912	1.4537			4.5		0.002	AvgRF
13		2-chlorophenol	1.3848	1.4979			8.2		0.001	AvgRF
14		1,3-dichlorobenzene	1.5556	1.5688			0.8		0.002	AvgRF
15		1,4-dichlorobenzene	1.5574	1.5003			-3.7		0.001	AvgRF
17		1,2-dichlorobenzene	1.4741	1.4862			0.8		0.003	AvgRF
18		benzyl alcohol	1.3447	1.4691			9.2		0.002	AvgRF
19		bis(2-chloroisopropyl)ether	2.0000	2.0195			1.0		-0.005	AvgRF
20		2-methylphenol	1.4450	1.5954			10.4		-0.001	AvgRF
21		n-nitroso-di-n-propylamine	1.2080	1.3091			8.4		0.000	AvgRF
22		3+4-methylphenol	1.5763	1.7860			13.3		0.000	AvgRF
24		hexachloroethane	0.6210	0.6810			9.6		0.004	AvgRF
26	ISTD	naphthalene-d8						19.4	0.000	AvgRF
28		nitrobenzene	0.7311	0.8022			9.7		0.002	AvgRF
29		isophorone	0.8456	0.8892			5.2		0.003	AvgRF
31		2-nitrophenol			40.000	47.84	19.6		-0.004	quadratic
32		2,4-dimethylphenol			40.000	40.81	2.0		-0.004	quadratic
33		bis(2-chloroethoxy)methane	0.5102	0.5395			5.7		-0.003	AvgRF
34		2,4-dichlorophenol	0.2599	0.2724			4.8		-0.004	AvgRF
35		benzoic acid			40.000	55.45	38.6 TIND		0.002	quadratic
36		1,2,4-trichlorobenzene	0.3003	0.2839			-5.4		-0.001	AvgRF
37		naphthalene	1.1061	1.0875			-1.7		0.002	AvgRF
38		4-chloroaniline	0.1716	0.1572			-8.4		-0.003	AvgRF
39		hexachlorobutadiene	0.1606	0.1482			-7.7		0.000	AvgRF
40		4-chloro-3-methylphenol	0.3119	0.3445			10.4		0.004	AvgRF
41		2-methylnaphthalene	0.6942	0.6929			-0.2		-0.003	AvgRF
42		1-methylnaphthalene	0.6410	0.6420			0.2		0.002	AvgRF
43	ISTD	acenaphthene-d10						16.5	0.005	AvgRF
44		hexachlorocyclopentadiene			40.000	37.11	-7.2		0.003	quadratic
45		2,4,6-trichlorophenol			40.000	41.10	2.8		0.004	quadratic
46		2,4,5-trichlorophenol			40.000	41.67	4.2		0.003	quadratic
48		2-chloronaphthalene	1.1513	1.1879			3.2		0.001	AvgRF
49		2-nitroaniline			40.000	46.49	16.2		0.000	quadratic
51		dimethyl phthalate	1.2883	1.3583			5.4		0.000	AvgRF
53		2,6-dinitrotoluene			40.000	41.33	3.3		-0.003	quadratic
55		acenaphthylene	1.9204	1.9969			4.0		-0.005	AvgRF
56		3-nitroaniline			40.000	41.98	5.0		0.002	quadratic
57		acenaphthene	1.2427	1.2919			4.0		-0.001	AvgRF
58		2,4-dinitrophenol			40.000	47.78	19.4		0.003	quadratic
59		4-nitrophenol					19.2		0.000	
60		dibenzofuran	1.6348	1.6368			0.1		0.002	AvgRF
61		2,4-dinitrotoluene			40.000	43.64	9.1		-0.003	quadratic
63		2,3,4,6-tetrachlorophenol			40.000	40.64	1.6		-0.004	quadratic
64		diethyl phthalate	1.3109	1.4104			7.6		0.001	AvgRF
65		fluorene	1.3166	1.3640			3.6		-0.003	AvgRF
66		4-chlorophenyl phenyl ether	0.5932	0.5904			-0.5		0.003	AvgRF
67		4-nitroaniline			40.000	42.18	5.5		-0.003	quadratic
68		azobenzene	1.7196	1.8570			8.0		0.003	AvgRF
70	ISTD	phenanthrene-d10						16.2	0.001	AvgRF
71		4,6-dinitro-2-methylphenol			40.000	47.61	19.0		0.004	quadratic
72		n-nitrosodiphenylamine	1.1036	1.1497			4.2		-0.003	AvgRF
73		4-bromophenyl phenyl ether	0.3369	0.3429			1.8		-0.003	AvgRF
74		hexachlorobenzene	0.2237	0.2246			0.4		0.000	AvgRF
75		pentachlorophenol			40.000	42.27	5.7		0.003	quadratic
76		phenanthrene	1.0881	1.1184			2.8		-0.001	AvgRF
77		anthracene	1.0879	1.1480			5.5		0.000	AvgRF
78		carbazole	0.9989	1.0727			7.4		0.000	AvgRF
79		di-n-butyl phthalate	1.2132	1.3961			15.1		-0.002	AvgRF
81		fluoranthene	1.0923	1.1494			5.2		-0.002	AvgRF
82	ISTD	chrysene-d12						14.5	0.001	AvgRF

Operator: TK HPSV4 sn #: CV11451177

ALS -- Fort Collins

Continuing Calibration Verification

Lab Sample ID: SV220306-4CCV **Calibration ID:** 022722M
Analysis Date: 3/6/2022 **Instrument ID:** HPSV4
File Name: SV2778 **Calibration Date:** 2/27/2022

		Analyte	AvgRF	CCRF	Expected Conc.	Found Conc.	%Dev. or % Drift	%Diff (Area)	RT Dev.	Curve Type
84		pyrene	1.3253	1.4121			6.5		-0.004	AvgRF
86		butyl benzyl phthalate			40.000	48.76	21.9	↑& ND	-0.002	quadratic
88		benzo(a)anthracene	1.2905	1.2953			0.4		0.003	AvgRF
90		chrysene	1.1834	1.2068			2.0		-0.004	AvgRF
91		bis(2-ethylhexyl)phthalate			40.000	47.64	19.1		-0.001	quadratic
92		di-n-octyl phthalate			40.000	54.07	35.2	↑& ND	0.001	quadratic
93	ISTD	perylene-d12						20.2	-0.001	AvgRF
94		benzo(b)fluoranthene			40.000	39.43	-1.4		0.000	quadratic
95		benzo(k)fluoranthene	1.2020	1.2075			0.5		-0.003	AvgRF
96		benzo(a)pyrene			40.000	40.07	0.2		0.001	quadratic
97		indeno(1,2,3-cd)pyrene			40.000	42.09	5.2		-0.005	quadratic
98		dibenzo(a,h)anthracene			40.000	40.51	1.3		-0.002	quadratic
99		benzo(g,h,i)perylene			40.000	40.19	0.5		0.003	quadratic

Nickname Filters

8270_Full

Operator: TK HPSV4 sn #: CV11451177

ALS -- Fort Collins

Continuing Calibration Verification

Lab Sample ID: SV220307-4CCV **Calibration ID:** 022722M
Analysis Date: 3/7/2022 **Instrument ID:** HPSV4
File Name: SV2802 **Calibration Date:** 2/27/2022

	Analyte	AvgRF	CCRF	Expected Conc.	Found Conc.	%Dev. or % Drift	%Diff (Area)	RT Dev.	Curve Type
1) ISTD	1,4-dichlorobenzene-d4						20.9	0.004	AvgRF
3)	pyridine	1.8800	1.9762			5.1		0.004	AvgRF
4)	n-nitrosodimethylamine	1.1218	1.1977			6.8		-0.005	AvgRF
8)	aniline	4.2677	4.6839			9.8		-0.003	AvgRF
10	phenol	2.0785	2.2997			10.6		0.001	AvgRF
12	bis(2-chloroethyl)ether	1.3912	1.4876			6.9		-0.003	AvgRF
13	2-chlorophenol	1.3848	1.5082			8.9		-0.004	AvgRF
14	1,3-dichlorobenzene	1.5556	1.5511			-0.3		0.000	AvgRF
15	1,4-dichlorobenzene	1.5574	1.5146			-2.7		0.000	AvgRF
17	1,2-dichlorobenzene	1.4741	1.4740			0.0		-0.004	AvgRF
18	benzyl alcohol	1.3447	1.5411			14.6		0.001	AvgRF
19	bis(2-chloroisopropyl)ether	2.0000	2.1483			7.4		0.004	AvgRF
20	2-methylphenol	1.4450	1.5902			10.1		0.002	AvgRF
21	n-nitroso-di-n-propylamine	1.2080	1.3773			14.0		0.003	AvgRF
22	3+4-methylphenol	1.5763	1.8146			15.1		0.003	AvgRF
24	hexachloroethane	0.6210	0.6883			10.8		-0.003	AvgRF
26 ISTD	naphthalene-d8						23.2	0.005	AvgRF
28	nitrobenzene	0.7311	0.8116			11.0		-0.001	AvgRF
29	isophorone	0.8456	0.9211			8.9		0.000	AvgRF
31	2-nitrophenol			40.000	49.68	24.2 ↑ & ND		0.003	quadratic
32	2,4-dimethylphenol			40.000	41.24	3.1		-0.003	quadratic
33	bis(2-chloroethoxy)methane	0.5102	0.5537			8.5		-0.001	AvgRF
34	2,4-dichlorophenol	0.2599	0.2755			6.0		0.003	AvgRF
35	benzoic acid			40.000	63.40	58.5 ↑ & ND		-0.001	quadratic
36	1,2,4-trichlorobenzene	0.3003	0.2825			-5.9		0.000	AvgRF
37	naphthalene	1.1061	1.1065			0.0		-0.003	AvgRF
38	4-chloroaniline	0.1716	0.1692			-1.4		-0.002	AvgRF
39	hexachlorobutadiene	0.1606	0.1464			-8.9		-0.004	AvgRF
40	4-chloro-3-methylphenol	0.3119	0.3574			14.6		-0.001	AvgRF
41	2-methylnaphthalene	0.6942	0.7065			1.8		0.003	AvgRF
42	1-methylnaphthalene	0.6410	0.6490			1.2		-0.003	AvgRF
43 ISTD	acenaphthene-d10						21.6	-0.004	AvgRF
44	hexachlorocyclopentadiene			40.000	44.02	10.0		0.003	quadratic
45	2,4,6-trichlorophenol			40.000	40.14	0.4		-0.001	quadratic
46	2,4,5-trichlorophenol			40.000	42.20	5.5		-0.002	quadratic
48	2-chloronaphthalene	1.1513	1.1798			2.5		-0.004	AvgRF
49	2-nitroaniline			40.000	47.68	19.2		-0.001	quadratic
51	dimethyl phthalate	1.2883	1.3732			6.6		0.005	AvgRF
53	2,6-dinitrotoluene			40.000	41.95	4.9		-0.002	quadratic
55	acenaphthylene	1.9204	2.0326			5.8		-0.004	AvgRF
56	3-nitroaniline			40.000	45.23	13.1		0.003	quadratic
57	acenaphthene	1.2427	1.2976			4.4		0.000	AvgRF
58	2,4-dinitrophenol			40.000	63.22	58.1 ↑ & ND		0.004	quadratic
59	4-nitrophenol					28.1 ↑ & ND		0.001	
60	dibenzofuran	1.6348	1.6384			0.2		0.003	AvgRF
61	2,4-dinitrotoluene			40.000	45.10	12.8		-0.002	quadratic
63	2,3,4,6-tetrachlorophenol			40.000	40.86	2.2		-0.003	quadratic
64	diethyl phthalate	1.3109	1.4369			9.6		0.003	AvgRF
65	fluorene	1.3166	1.3674			3.9		0.004	AvgRF
66	4-chlorophenyl phenyl ether	0.5932	0.5846			-1.4		0.000	AvgRF
67	4-nitroaniline			40.000	44.57	11.4		0.004	quadratic
68	azobenzene	1.7196	1.9225			11.8		0.000	AvgRF
70 ISTD	phenanthrene-d10						21.1	0.004	AvgRF
71	4,6-dinitro-2-methylphenol			40.000	57.54	43.8 ↑ & ND		0.001	quadratic
72	n-nitrosodiphenylamine	1.1036	1.1677			5.8		-0.002	AvgRF
73	4-bromophenyl phenyl ether	0.3369	0.3409			1.2		0.000	AvgRF
74	hexachlorobenzene	0.2237	0.2209			-1.2		0.002	AvgRF
75	pentachlorophenol			40.000	41.69	4.2		-0.005	quadratic
76	phenanthrene	1.0881	1.1243			3.3		-0.002	AvgRF
77	anthracene	1.0879	1.1674			7.3		-0.001	AvgRF
78	carbazole	0.9989	1.0999			10.1		-0.002	AvgRF
79	di-n-butyl phthalate	1.2132	1.4232			17.3		-0.003	AvgRF
81	fluoranthene	1.0923	1.1745			7.5		0.003	AvgRF
82 ISTD	chrysene-d12						20.3	-0.001	AvgRF

Operator: TK HPSV4 sn #: CV11451177

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Continuing Calibration Verification

Lab Sample ID: SV220307-4CCV **Calibration ID:** 022722M
Analysis Date: 3/7/2022 **Instrument ID:** HPSV4
File Name: SV2802 **Calibration Date:** 2/27/2022

	Analyte	AvgRF	CCRF	Expected Conc.	Found Conc.	%Dev. or % Drift	%Diff (Area)	RT Dev.	Curve Type
84	pyrene	1.3253	1.4204			7.2		0.001	AvgRF
86	butyl benzyl phthalate			40.000	50.05	25.1 ↑ & ND		-0.004	quadratic
88	benzo(a)anthracene	1.2905	1.3194			2.2		0.002	AvgRF
90	chrysene	1.1834	1.2111			2.3		0.005	AvgRF
91	bis(2-ethylhexyl)phthalate			40.000	48.88	22.2		-0.002	quadratic
92	di-n-octyl phthalate			40.000	57.31	43.3 ↑ & ND		0.004	quadratic
93 ISTD	perylene-d12						29.8	0.002	AvgRF
94	benzo(b)fluoranthene			40.000	40.06	0.1		0.003	quadratic
95	benzo(k)fluoranthene	1.2020	1.1814			-1.7		-0.004	AvgRF
96	benzo(a)pyrene			40.000	41.13	2.8		0.004	quadratic
97	indeno(1,2,3-cd)pyrene			40.000	45.04	12.6		0.002	quadratic
98	dibenzo(a,h)anthracene			40.000	42.10	5.3		0.005	quadratic
99	benzo(g,h,i)perylene			40.000	41.54	3.8		0.002	quadratic

Nickname Filters

8270_Full

bis(2-ethylhexyl)phthalate detected in 2202436-10
flagged accordingly as an estimated value
mr 3/12/22

Operator: TK HPSV4 sn #: CV11451177

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Continuing Calibration Verification

Lab Sample ID: SV220308-4CCV **Calibration ID:** 022722M
Analysis Date: 3/8/2022 **Instrument ID:** HPSV4
File Name: SV2821 **Calibration Date:** 2/27/2022

	Analyte	AvgRF	CCRF	Expected Conc.	Found Conc.	%Dev. or % Drift	%Diff (Area)	RT Dev. (min)	Curve Type
1) ISTD	1,4-dichlorobenzene-d4						2.6	-0.002	AvgRF
3)	pyridine	1.8800	1.9756			5.1		0.004	AvgRF
4)	n-nitrosodimethylamine	1.1218	1.1951			6.5		-0.005	AvgRF
8)	aniline	4.2677	4.6887			9.9		0.001	AvgRF
10)	phenol	2.0785	2.2832			9.8		-0.004	AvgRF
12)	bis(2-chloroethyl)ether	1.3912	1.4846			6.7		-0.003	AvgRF
13)	2-chlorophenol	1.3848	1.5059			8.7		0.000	AvgRF
14)	1,3-dichlorobenzene	1.5556	1.5482			-0.5		0.000	AvgRF
15)	1,4-dichlorobenzene	1.5574	1.5475			-0.6		0.000	AvgRF
17)	1,2-dichlorobenzene	1.4741	1.4880			0.9		-0.004	AvgRF
18)	benzyl alcohol	1.3447	1.5256			13.5		-0.005	AvgRF
19)	bis(2-chloroisopropyl)ether	2.0000	2.1147			5.7		-0.002	AvgRF
20)	2-methylphenol	1.4450	1.6066			11.2		-0.004	AvgRF
21)	n-nitroso-di-n-propylamine	1.2080	1.3786			14.1		-0.003	AvgRF
22)	3+4-methylphenol	1.5763	1.7977			14.0		-0.003	AvgRF
24)	hexachloroethane	0.6210	0.6894			11.0		0.001	AvgRF
26) ISTD	naphthalene-d8						5.8	-0.001	AvgRF
28)	nitrobenzene	0.7311	0.8033			9.9		0.003	AvgRF
29)	isophorone	0.8456	0.9202			8.8		0.004	AvgRF
31)	2-nitrophenol			40.000	49.09	22.7 ↑ & ND		-0.003	quadratic
32)	2,4-dimethylphenol			40.000	40.98	2.5		0.001	quadratic
33)	bis(2-chloroethoxy)methane	0.5102	0.5530			8.4		0.003	AvgRF
34)	2,4-dichlorophenol	0.2599	0.2732			5.1		-0.003	AvgRF
35)	benzoic acid			40.000	63.51	58.8 ↓		0.003	quadratic
36)	1,2,4-trichlorobenzene	0.3003	0.2809			-6.4		0.004	AvgRF
37)	naphthalene	1.1061	1.1021			-0.4		0.001	AvgRF
38)	4-chloroaniline	0.1716	0.1688			-1.6		0.003	AvgRF
39)	hexachlorobutadiene	0.1606	0.1452			-9.6		0.000	AvgRF
40)	4-chloro-3-methylphenol	0.3119	0.3575			14.6		0.003	AvgRF
41)	2-methylnaphthalene	0.6942	0.7068			1.8		-0.003	AvgRF
42)	1-methylnaphthalene	0.6410	0.6507			1.5		0.001	AvgRF
43) ISTD	acenaphthene-d10						4.4	0.000	AvgRF
44)	hexachlorocyclopentadiene			40.000	43.41	8.5		-0.003	quadratic
45)	2,4,6-trichlorophenol			40.000	40.19	0.5		0.003	quadratic
46)	2,4,5-trichlorophenol			40.000	42.09	5.2		0.003	quadratic
48)	2-chloronaphthalene	1.1513	1.1798			2.5		0.000	AvgRF
49)	2-nitroaniline			40.000	47.66	19.1		0.003	quadratic
51)	dimethyl phthalate	1.2883	1.3698			6.3		-0.001	AvgRF
53)	2,6-dinitrotoluene			40.000	42.41	6.0		-0.004	quadratic
55)	acenaphthylene	1.9204	2.0396			6.2		0.000	AvgRF
56)	3-nitroaniline			40.000	45.50	13.7		-0.003	quadratic
57)	acenaphthene	1.2427	1.3111			5.5		0.004	AvgRF
58)	2,4-dinitrophenol			40.000	65.57	63.9		-0.002	quadratic
59)	4-nitrophenol					28.4		0.005	
60)	dibenzofuran	1.6348	1.6658			1.9		-0.003	AvgRF
61)	2,4-dinitrotoluene			40.000	45.18	13.0		0.002	quadratic
63)	2,3,4,6-tetrachlorophenol			40.000	41.04	2.6		0.001	quadratic
64)	diethyl phthalate	1.3109	1.4542			10.9		-0.003	AvgRF
65)	fluorene	1.3166	1.3906			5.6		-0.002	AvgRF
66)	4-chlorophenyl phenyl ether	0.5932	0.5868			-1.1		0.004	AvgRF
67)	4-nitroaniline			40.000	45.52	13.8		-0.002	quadratic
68)	azobenzene	1.7196	1.9279			12.1		0.004	AvgRF
70) ISTD	phenanthrene-d10						5.5	-0.002	AvgRF
71)	4,6-dinitro-2-methylphenol			40.000	58.53	46.3 ↑ & ND		0.001	quadratic
72)	n-nitrosodiphenylamine	1.1036	1.1800			6.9		0.003	AvgRF
73)	4-bromophenyl phenyl ether	0.3369	0.3390			0.6		0.004	AvgRF
74)	hexachlorobenzene	0.2237	0.2208			-1.3		-0.003	AvgRF
75)	pentachlorophenol			40.000	41.71	4.3		0.000	quadratic
76)	phenanthrene	1.0881	1.1315			4.0		0.002	AvgRF
77)	anthracene	1.0879	1.1602			6.6		0.003	AvgRF
78)	carbazole	0.9989	1.1061			10.7		0.002	AvgRF
79)	di-n-butyl phthalate	1.2132	1.4112			16.3		0.001	AvgRF
81)	fluoranthene	1.0923	1.1827			8.3		-0.003	AvgRF
82) ISTD	chrysene-d12						7.0	-0.002	AvgRF

Operator: TK HPSV4 sn #: CV11451177

* benzoic acid detected in sample 2202436-33 flagged accordingly as an estimated value

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Continuing Calibration Verification

Lab Sample ID: SV220308-4CCV **Calibration ID:** 022722M
Analysis Date: 3/8/2022 **Instrument ID:** HPSV4
File Name: SV2821 **Calibration Date:** 2/27/2022

	Analyte	AvgRF	CCRF	Expected Conc.	Found Conc.	%Dev. or % Drift	%Diff (Area)	RT Dev. (min)	Curve Type
84)	pyrene	1.3253	1.3949			5.2		-0.001	AvgRF
86)	butyl benzyl phthalate			40.000	49.29	23.2		0.005	quadratic
88)	benzo(a)anthracene	1.2905	1.3052			1.1		0.000	AvgRF
90)	chrysene	1.1834	1.2156			2.7		0.003	AvgRF
91)	bis(2-ethylhexyl)phthalate			40.000	47.97	19.9		-0.004	quadratic
92)	di-n-octyl phthalate			40.000	56.66	41.7		-0.004	quadratic
93) ISTD	perylene-d12						15.5	0.004	AvgRF
94)	benzo(b)fluoranthene			40.000	39.71	-0.7		0.001	quadratic
95)	benzo(k)fluoranthene	1.2020	1.1850			-1.4		-0.002	AvgRF
96)	benzo(a)pyrene			40.000	40.91	2.3		-0.004	quadratic
97)	indeno(1,2,3-cd)pyrene			40.000	44.54	11.4		0.004	quadratic
98)	dibenzo(a,h)anthracene			40.000	42.09	5.2		-0.003	quadratic
99)	benzo(g,h,i)perylene			40.000	41.83	4.6		0.004	quadratic

Nickname Filters

8270_Full

Operator: TK HPSV4 sn #: CV11451177

ALS -- Fort Collins

Continuing Calibration Verification

Lab Sample ID: SV220312-4CCV **Calibration ID:** 022722M
Analysis Date: 3/12/2022 **Instrument ID:** HPSV4
File Name: SV2882 **Calibration Date:** 2/27/2022

	Analyte	AvgRF	CCRF	Expected Conc.	Found Conc.	%Dev. or % Drift	%Diff (Area)	RT Dev. (min)	Curve Type
1) ISTD	1,4-dichlorobenzene-d4						17.1	-0.022	AvgRF
2)	1,4-dioxane	0.4960	0.4891			-1.4		0.009	AvgRF
3)	pyridine	1.8800	1.9311			2.7		0.014	AvgRF
4)	n-nitrosodimethylamine	1.1218	1.1712			4.4		0.015	AvgRF
8)	aniline	4.2677	4.5023			5.5		-0.019	AvgRF
10)	phenol	2.0785	2.2624			8.8		-0.014	AvgRF
12)	bis(2-chloroethyl)ether	1.3912	1.4594			4.9		-0.013	AvgRF
13)	2-chlorophenol	1.3848	1.4981			8.2		-0.020	AvgRF
14)	1,3-dichlorobenzene	1.5556	1.5532			-0.2		-0.020	AvgRF
15)	1,4-dichlorobenzene	1.5574	1.5631			0.4		-0.020	AvgRF
17)	1,2-dichlorobenzene	1.4741	1.4920			1.2		-0.014	AvgRF
18)	benzyl alcohol	1.3447	1.4438			7.4		-0.025	AvgRF
19)	bis(2-chloroisopropyl)ether	2.0000	2.0272			1.4		-0.022	AvgRF
20)	2-methylphenol	1.4450	1.5378			6.4		-0.034	AvgRF
21)	n-nitroso-di-n-propylamine	1.2080	1.3281			9.9		-0.033	AvgRF
22)	3+4-methylphenol	1.5763	1.7137			8.7		-0.033	AvgRF
24)	hexachloroethane	0.6210	0.6911			11.3		-0.019	AvgRF
26) ISTD	naphthalene-d8						16.0	-0.031	AvgRF
28)	nitrobenzene	0.7311	0.7811			6.8		-0.027	AvgRF
29)	isophorone	0.8456	0.9140			8.1		-0.026	AvgRF
31)	2-nitrophenol			40.000	48.61	21.5 ↑ & ND		-0.033	quadratic
32)	2,4-dimethylphenol			40.000	41.07	2.7		-0.039	quadratic
33)	bis(2-chloroethoxy)methane	0.5102	0.5449			6.8		-0.027	AvgRF
34)	2,4-dichlorophenol	0.2599	0.2777			6.9		-0.033	AvgRF
35)	benzoic acid			40.000	56.50	41.2 ↑ & ND		-0.037	quadratic
36)	1,2,4-trichlorobenzene	0.3003	0.2972			-1.0		-0.026	AvgRF
37)	naphthalene	1.1061	1.1268			1.9		-0.039	AvgRF
38)	4-chloroaniline	0.1716	0.1680			-2.1		-0.037	AvgRF
39)	hexachlorobutadiene	0.1606	0.1587			-1.2		-0.040	AvgRF
40)	4-chloro-3-methylphenol	0.3119	0.3483			11.7		-0.037	AvgRF
41)	2-methylnaphthalene	0.6942	0.7318			5.4		-0.033	AvgRF
42)	1-methylnaphthalene	0.6410	0.6754			5.4		-0.039	AvgRF
43) ISTD	acenaphthene-d10						15.2	-0.040	AvgRF
44)	hexachlorocyclopentadiene			40.000	43.60	9.0		-0.043	quadratic
45)	2,4,6-trichlorophenol			40.000	40.11	0.3		-0.037	quadratic
46)	2,4,5-trichlorophenol			40.000	42.69	6.7		-0.037	quadratic
48)	2-chloronaphthalene	1.1513	1.1810			2.6		-0.040	AvgRF
49)	2-nitroaniline			40.000	46.45	16.1		-0.037	quadratic
50)	1,4-dinitrobenzene			40.000	49.12	22.8 ↑ & ND		-0.040	quadratic
51)	dimethyl phthalate	1.2883	1.3480			4.6		-0.031	AvgRF
52)	1,3-dinitrobenzene			40.000	45.38	13.4		-0.036	quadratic
53)	2,6-dinitrotoluene			40.000	42.47	6.2		-0.044	quadratic
54)	1,2-dinitrobenzene			40.000	44.04	10.1		-0.031	quadratic
55)	acenaphthylene	1.9204	2.0206			5.2		-0.040	AvgRF
56)	3-nitroaniline			40.000	44.66	11.7		-0.033	quadratic
57)	acenaphthene	1.2427	1.3355			7.5		-0.036	AvgRF
58)	2,4-dinitrophenol			40.000	54.27	35.7 ↑ & ND		-0.032	quadratic
59)	4-nitrophenol					23.2 ↓		-0.045	
60)	dibenzofuran	1.6348	1.7105			4.6		-0.033	AvgRF
61)	2,4-dinitrotoluene			40.000	45.21	13.0		-0.038	quadratic
62)	2,3,5,6-tetrachlorophenol			40.000	44.24	10.6		-0.028	quadratic
63)	2,3,4,6-tetrachlorophenol			40.000	41.78	4.5		-0.039	quadratic
64)	diethyl phthalate	1.3109	1.4128			7.8		-0.033	AvgRF
65)	fluorene	1.3166	1.4101			7.1		-0.032	AvgRF
66)	4-chlorophenyl phenyl ether	0.5932	0.6114			3.1		-0.026	AvgRF
67)	4-nitroaniline			40.000	43.60	9.0		-0.032	quadratic
68)	azobenzene	1.7196	1.9249			11.9		-0.026	AvgRF
70) ISTD	phenanthrene-d10						16.7	-0.022	AvgRF
71)	4,6-dinitro-2-methylphenol			40.000	52.88	32.2 ↑ & ND		-0.029	quadratic
72)	n-nitrosodiphenylamine	1.1036	1.1946			8.2		-0.027	AvgRF
73)	4-bromophenyl phenyl ether	0.3369	0.3603			7.0		-0.026	AvgRF
74)	hexachlorobenzene	0.2237	0.2337			4.5		-0.023	AvgRF
75)	pentachlorophenol			40.000	39.06	-2.4		-0.030	quadratic

Operator: TK HPSV4 sn #: CV11451177

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Continuing Calibration Verification

Lab Sample ID: SV220312-4CCV **Calibration ID:** 022722M
Analysis Date: 3/12/2022 **Instrument ID:** HPSV4
File Name: SV2882 **Calibration Date:** 2/27/2022

	Analyte	AvgRF	CCRF	Expected Conc.	Found Conc.	%Dev. or % Drift	%Diff (Area)	RT Dev. (min)	Curve Type
76)	phenanthrene	1.0881	1.1422			5.0		-0.028	AvgRF
77)	anthracene	1.0879	1.1691			7.5		-0.027	AvgRF
78)	carbazole	0.9989	1.0891			9.0		-0.018	AvgRF
79)	di-n-butyl phthalate	1.2132	1.3694			12.9		-0.019	AvgRF
81)	fluoranthene	1.0923	1.2047			10.3		-0.013	AvgRF
82) ISTD	chrysene-d12						21.5	-0.022	AvgRF
83)	benzidine			40.000	40.90	2.2		-0.019	quadratic
84)	pyrene	1.3253	1.3808			4.2		-0.021	AvgRF
86)	butyl benzyl phthalate			40.000	45.74	14.4		-0.015	quadratic
87)	bis(2-ethylhexyl) adipate			40.000	47.50	18.7		-0.015	quadratic
88)	benzo(a)anthracene	1.2905	1.3019			0.9		-0.020	AvgRF
90)	chrysene	1.1834	1.2048			1.8		-0.017	AvgRF
91)	bis(2-ethylhexyl)phthalate			40.000	44.84	12.1		-0.014	quadratic
92)	di-n-octyl phthalate			40.000	51.29	28.2 ↑ & ND		-0.024	quadratic
93) ISTD	perylene-d12						24.2	-0.026	AvgRF
94)	benzo(b)fluoranthene			40.000	40.54	1.3		-0.019	quadratic
95)	benzo(k)fluoranthene	1.2020	1.2479			3.8		-0.022	AvgRF
96)	benzo(a)pyrene			40.000	41.74	4.4		-0.024	quadratic
97)	indeno(1,2,3-cd)pyrene			40.000	45.04	12.6		-0.026	quadratic
98)	dibenzo(a,h)anthracene			40.000	42.86	7.2		-0.023	quadratic
99)	benzo(g,h,i)perylene			40.000	42.08	5.2		-0.026	quadratic

Operator: TK HPSV4 sn #: CV11451177

8B

Semi-Volatile Internal Standard Area Summary

Lab Name: ALS -- Fort Collins
Date Analyzed: 3/6/2022
Work Order Number: 2202436
Time Analyzed: 18:39
Client Name: Tetra Tech
ClientProject ID: 103X903520F0083211203 Bauer Tailings Site Assessment
Reported on: Monday, March 14, 2022

Instrument ID: HPSV4
Lab File ID: SV2778

	IS1		IS2		IS3		IS4		IS5		IS6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
12 Hour STD	286238	3.18	1173157	3.84	606535	4.97	1043456	6.15	870508	8.78	862745	11.27
Upper Limit	572476	3.68	2346314	4.34	1213070	5.47	2086912	6.65	1741016	9.28	1725490	11.8
Lower Limit	143119	2.68	586578.5	3.34	303267.5	4.47	521728	5.65	435254	8.28	431372.5	10.8
Lab Sample ID												
EX220302-1MB	280153	3.13	1130969	3.78	580814	4.92	979999	6.11	814677	8.74	816410	11.22
EX220302-1LCS	283264	3.13	1139604	3.77	587079	4.91	1003252	6.10	854186	8.73	848915	11.21
2202436-1	305529	3.13	1223041	3.78	621263	4.91	1038026	6.10	851019	8.73	870852	11.22
2202436-1MS	298739	3.13	1208259	3.77	620072	4.90	1038722	6.10	869368	8.73	874869	11.21
2202436-1MSD	294648	3.13	1189888	3.77	606978	4.90	1026772	6.10	848811	8.73	856385	11.21
2202436-9	296745	3.13	1199990	3.77	616737	4.91	1016458	6.10	847835	8.73	873407	11.22
2202436-11	311872	3.13	1254680	3.77	638164	4.90	1055983	6.10	863562	8.73	902375	11.23
2202436-12	310041	3.13	1251639	3.77	626460	4.91	1037012	6.10	857231	8.73	910211	11.24
2202436-13	301973	3.13	1228992	3.77	619987	4.90	1028679	6.10	859270	8.73	892715	11.22
2202436-14	316857	3.15	1271356	3.80	643329	4.94	1071205	6.13	896045	8.76	995222	11.25
2202436-15	323379	3.13	1294916	3.77	661823	4.91	1077591	6.10	900850	8.74	937298	11.24
2202436-16	384046	3.15	1499142	3.80	729436	4.93	1160845	6.12	944984	8.75	956412	11.26
2202436-2	332243	3.14	1319063	3.77	662476	4.91	1080072	6.10	903061	8.74	913711	11.23
2202436-3	343599	3.13	1366072	3.78	681911	4.91	1106064	6.10	919397	8.74	908740	11.23
2202436-4	335015	3.14	1339398	3.78	670267	4.91	1093688	6.10	909061	8.74	858750	11.23
2202436-7	320610	3.13	1270193	3.77	636640	4.91	1036988	6.10	860589	8.74	788645	11.23
2202436-8	333565	3.13	1332527	3.78	666806	4.91	1076444	6.10	881846	8.74	804918	11.23

Shaded values exceed established area count limits.

LIMS Version: 7.029

Upper Limit = + 100 percent of internal standard area.

Lower Limit = - 50 percent of internal standard area.

8B

Semi-Volatile Internal Standard Area Summary

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: 103X903520F0083211203 Bauer Tailings Site Assessment

Date Analyzed: 3/6/2022
Time Analyzed: 18:39
Reported on: Monday, March 14, 2022

Instrument ID: HPSV4
Lab File ID: SV2778

	IS1		IS2		IS3		IS4		IS5		IS6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
12 Hour STD	286238	3.18	1173157	3.84	606535	4.97	1043456	6.15	870508	8.78	862745	11.27
Upper Limit	572476	3.68	2346314	4.34	1213070	5.47	2086912	6.65	1741016	9.28	1725490	11.8
Lower Limit	143119	2.68	586578.5	3.34	303267.5	4.47	521728	5.65	435254	8.28	431372.5	10.8
Lab Sample ID												
EX220303-2MB	291047	3.13	1173147	3.77	608317	4.91	1038688	6.10	854003	8.73	853523	11.21
EX220303-2LCS	285960	3.13	1150327	3.77	589886	4.91	1005545	6.10	846748	8.73	840935	11.21

Shaded values exceed established area count limits.

LIMS Version: 7.029

Upper Limit = + 100 percent of internal standard area.

Lower Limit = - 50 percent of internal standard area.

8B

Semi-Volatile Internal Standard Area Summary

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: 103X903520F0083211203 Bauer Tailings Site Assessment

Date Analyzed: 3/7/2022
Time Analyzed: 12:28
Reported on: Monday, March 14, 2022

Instrument ID: HPSV4
Lab File ID: SV2802

	IS1		IS2		IS3		IS4		IS5		IS6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
12 Hour STD	300466	3.13	1219823	3.77	638444	4.92	1095704	6.1	922804	8.74	951885	11.22
Upper Limit	600932	3.63	2439646	4.27	1276888	5.42	2191408	6.6	1845608	9.24	1903770	11.7
Lower Limit	150233	2.63	609911.5	3.27	319222	4.42	547852	5.6	461402	8.24	475942.5	10.7
Lab Sample ID												
2202436-10	300516	3.13	1222520	3.77	624684	4.91	1048586	6.10	898680	8.73	910198	11.22
2202436-10MS	295106	3.13	1197916	3.78	608419	4.92	1025195	6.11	862535	8.75	872087	11.23
2202436-10MSD	284273	3.14	1138423	3.78	576891	4.92	966094	6.11	801902	8.75	817507	11.23
2202436-5	309606	3.14	1241930	3.78	629098	4.92	1030004	6.11	845881	8.74	879367	11.23
2202436-6	297255	3.14	1199279	3.77	611696	4.91	995660	6.10	808380	8.73	836313	11.23
2202436-17	300958	3.16	1224084	3.82	607177	4.96	995035	6.14	829458	8.78	868625	11.33

Shaded values exceed established area count limits.

LIMS Version: 7.029

Upper Limit = + 100 percent of internal standard area.

Lower Limit = - 50 percent of internal standard area.

8B

Semi-Volatile Internal Standard Area Summary

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: 103X903520F0083211203 Bauer Tailings Site Assessment

Date Analyzed: 3/8/2022
Time Analyzed: 15:57
Reported on: Monday, March 14, 2022

Instrument ID: HPSV4
Lab File ID: SV2821

	IS1		IS2		IS3		IS4		IS5		IS6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
12 Hour STD	250050	3.13	1023569	3.77	537311	4.91	936555	6.1	807498	8.73	823053	11.2
Upper Limit	500100	3.63	2047138	4.27	1074622	5.41	1873110	6.6	1614996	9.23	1646106	11.7
Lower Limit	125025	2.63	511784.5	3.27	268655.5	4.41	468277.5	5.6	403749	8.23	411526.5	10.7
Lab Sample ID												
2202436-18	259572	3.13	1056265	3.77	545246	4.92	934429	6.10	797917	8.73	792967	11.21
2202436-19	263487	3.13	1066522	3.77	545755	4.90	934409	6.10	784934	8.72	779622	11.20
2202436-20	275494	3.13	1114149	3.77	566443	4.90	951168	6.10	784887	8.72	775843	11.21
2202436-21	269525	3.13	1094667	3.77	552680	4.90	936825	6.10	769664	8.73	773768	11.20
2202436-23	275412	3.13	1102399	3.77	558499	4.90	938065	6.10	774625	8.73	778885	11.20
2202436-24	268342	3.13	1088867	3.77	549187	4.90	917311	6.10	764965	8.72	777302	11.20
2202436-25	266176	3.13	1080341	3.77	549713	4.90	926131	6.10	752027	8.73	763531	11.21
2202436-27	268769	3.13	1085972	3.77	557056	4.90	926907	6.10	757827	8.73	776378	11.21
2202436-28	270816	3.13	1089900	3.77	553990	4.90	930768	6.10	749332	8.73	768166	11.21
2202436-29	278128	3.13	1117351	3.77	568430	4.90	963403	6.10	770129	8.73	775675	11.21
2202436-31	269522	3.13	1088557	3.77	551544	4.90	927988	6.10	753373	8.73	756570	11.21
2202436-30	274401	3.13	1114236	3.77	567055	4.90	945908	6.10	757948	8.73	780568	11.22
2202436-26	265091	3.13	1078210	3.77	550199	4.90	918624	6.10	739734	8.73	760501	11.22
2202436-33	258970	3.13	1061837	3.77	531348	4.91	869935	6.10	702820	8.74	736067	11.25

Shaded values exceed established area count limits.

LIMS Version: 7.029

Upper Limit = + 100 percent of internal standard area.

Lower Limit = - 50 percent of internal standard area.

8B

Semi-Volatile Internal Standard Area Summary

Lab Name: ALS -- Fort Collins
Work Order Number: 2202436
Client Name: Tetra Tech
ClientProject ID: 103X903520F0083211203 Bauer Tailings Site Assessment

Date Analyzed: 3/12/2022
Time Analyzed: 1:49
Reported on: Monday, March 14, 2022

Instrument ID: HPSV4
Lab File ID: SV2882

	IS1		IS2		IS3		IS4		IS5		IS6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
12 Hour STD	289177	3.15	1133866	3.8	598542	4.95	1047871	6.12	934698	8.75	898919	11.23
Upper Limit	578354	3.65	2267732	4.3	1197084	5.45	2095742	6.62	1869396	9.25	1797838	11.7
Lower Limit	144588.5	2.65	566933	3.3	299271	4.45	523935.5	5.62	467349	8.25	449459.5	10.7
Lab Sample ID												
2202436-22	262163	3.12	1062140	3.76	551756	4.90	955027	6.09	803300	8.72	787329	11.19
2202436-32	269992	3.15	1082213	3.80	559631	4.93	927847	6.12	764872	8.74	775346	11.23

Shaded values exceed established area count limits.

LIMS Version: 7.029

Upper Limit = + 100 percent of internal standard area.

Lower Limit = - 50 percent of internal standard area.

Supporting Raw Data

GCMS Semivolatile Instrument Run Log
ALS Laboratory Group

Sequence Name: C:\msdchem\1\sequence\2022\022722A.s
Comment: GC/MS Semivolatiles SOP no. 506 rev:20
Data Path: C:\MSDCHEM\1\DATA\2022\022722\
Operator:TK HPSV4 sn #: CV11451177 Analysis Date: 02/27/22 TK
IS Amount and ID NA
Logbook Number: 2022

Line	Type	Vial	DataFile	Method	Sample Name	Dil.	RA?	Comment
1	Sample	1	SV2531	022722	5PPM CHECK		NO	
2	Sample	2	SV2532	DFTPP1	TUNE CHECK			ST210908-3 injection @ 08:12
3	Sample	3	SV2533	022722SP	2PPM SIM CHECK			
4	Sample	4	SV2534	022722SP	DCM			
5	Sample	5	SV2535	022722SP	0.05PPM_SIMPAH			ST210707-6
6	Sample	6	SV2536	022722SP	0.1PPM_SIMPAH			-7
7	Sample	7	SV2537	022722SP	0.5PPM_SIMPAH			-9
8	Sample	8	SV2538	022722SP	1PPM_SIMPAH			-9
9	Sample	9	SV2539	022722SP	2PPM_SIMPAH			-10
10	Sample	10	SV2540	022722SP	5PPM_SIMPAH			-11
11	Sample	11	SV2541	022722SP	10PPM_SIMPAH			-12
12	Sample	4	SV2542	022722SP	DCM			
13	Sample	12	SV2543	022722SP	5PPM_SIMPAH_ICV			ST210707-3
14	Sample	4	SV2544	022722	DCM			
15	Sample	13	SV2545	022722	1PPM_8270_ICAL			ST210427-10
16	Sample	14	SV2546	022722	5PPM_8270_ICAL			-11
17	Sample	15	SV2547	022722	10PPM_8270_ICAL			-12
18	Sample	16	SV2548	022722	20PPM_8270_ICAL			-13
19	Sample	17	SV2549	022722	40PPM_8270_ICAL			-14
20	Sample	18	SV2550	022722	80PPM_8270_ICAL			-16
21	Sample	19	SV2551	022722	100PPM_8270_ICA			-17
22	Sample	20	SV2552	022722	120PPM_8270_ICA			-18
23	Sample	21	SV2553	022722	40PPM_8270_ICV			-19 injection @ 14:45

Last Modified: Sun Feb 27 09:07:41 2022 Page: 0

GCMS Semivolatile Instrument Run Log
ALS Laboratory Group

Sequence Name: C:\msdchem\1\sequence\2022\030622A.s
Comment: GC/MS Semivolatiles SOP no. 506 rev:20
Data Path: C:\MSDCHEM\1\DATA\2022\030622A\
Operator:TK HPSV4 sn #: CV11451177 Analysis Date: 03/06/22 AM
IS Amount and ID 4µL ST220214-2
Logbook Number: 2022

Line	Type	Vial	DataFile	Method	Sample Name	Dil.	RA?	Comment
1	Sample	1	SV2778	022722	SV220306-4CCV		NO	18:39
2	Sample	2	SV2779	022722	EX220302-1MB			
3	Sample	3	SV2780	022722	EX220302-1LCS			
4	Sample	4	SV2781	022722	EX220303-2MB			
5	Sample	5	SV2782	022722	EX220303-2LCS			
6	Sample	6	SV2783	030422SP	2202341-10			
7	Sample	7	SV2784	022722	2202436-1			
8	Sample	8	SV2785	022722	2202436-1MS			
9	Sample	9	SV2786	022722	2202436-1MSD			
10	Sample	10	SV2787	022722	2202436-9			
11	Sample	11	SV2788	022722	2202436-11			
12	Sample	12	SV2789	022722	2202436-12			
13	Sample	13	SV2790	022722	2202436-13			
14	Sample	14	SV2791	022722	2202436-14			syringe compromised not used
15	Sample	15	SV2792	022722	2202436-15			
16	Sample	14	SV2793	022722	2202436-14			
17	Sample	15	SV2794	022722	2202436-15			
18	Sample	16	SV2795	022722	2202436-16			
19	Sample	17	SV2796	022722	2202436-2			
20	Sample	18	SV2797	022722	2202436-3			
21	Sample	19	SV2798	022722	2202436-4			
22	Sample	20	SV2799	022722	2202436-7			
23	Sample	21	SV2800	022722	2202436-8			02:02

GCMS Semivolatile Instrument Run Log
ALS Laboratory Group

Sequence Name: C:\msdchem\1\sequence\2022\030722A.s
Comment: GC/MS Semivolatiles SOP no. 506 rev:20
Data Path: C:\MSDCHEM\1\DATA\2022\030722\
Operator:TK HPSV4 sn #: CV11451177 Analysis Date: 03/07/22 TK
IS Amount and ID _____
Logbook Number: 2022

Line	Type	Vial	DataFile	Method	Sample Name	Dil.	RA?	Comment
1	Sample	1	SV2801	022722	SV220307-4CCV		NO	hexane rinse - bake column - not used
2	Sample	1	SV2802	022722	SV220307-4CCV			ST210427-14 12:28
3	Sample	2	SV2803	022722	BLANK			
4	Sample	3	SV2804	030422SP	SV220307-44CCV			ST210707-13 15:47
5	Sample	4	SV2805	030422SP	EX220217-1MB			
6	Sample	5	SV2806	030422SP	EX220217-1LCS			
7	Sample	6	SV2807	030422SP	EX220217-1LCSD			
8	Sample	7	SV2808	030422SP	2202289-28			16:59
9	Sample	8	SV2809	022722	EX220304-2MB			
10	Sample	9	SV2810	022722	EX220304-2LCS			
11	Sample	10	SV2811	022722	EX220304-2LCSD			
12	Sample	11	SV2812	022722	2203096-1 20X	20		
13	Sample	12	SV2813	022722	2202436-10	1		
14	Sample	13	SV2814	022722	2203096-1 5X	5		
15	Sample	14	SV2815	022722	2202436-10MS	1		
16	Sample	15	SV2816	022722	2202436-10MSD	1		
17	Sample	16	SV2817	022722	2202436-5 2X	2		
18	Sample	17	SV2818	022722	2202436-6 2X	2		
19	Sample	18	SV2819	022722	2202436-17	1		00:09

Last Modified: Tue Mar 08 12:36:08 2022 Page: 0

GCMS Semivolatile Instrument Run Log
ALS Laboratory Group

Sequence Name: C:\msdchem\1\sequence\2022\030822A.s
Comment: GC/MS Semivolatiles SOP no. 506 rev:20
Data Path: C:\MSDCHEM\1\DATA\2022\030822A\
Operator:TK HPSV4 sn #: CV11451177 Analysis Date: 03/08/22 TK
IS Amount and ID 4µL ST220214-2
Logbook Number: 2022

Line	Type	Vial	DataFile	Method	Sample Name	Dil.	RA?	Comment
1	Sample	1	SV2820	022722	DCM	—	NO	
2	Sample	2	SV2821	022722	SV220308-4CCV			ST210427-14 15:57
3	Sample	3	SV2822	022722	EX220307-5MB			
4	Sample	4	SV2823	022722	2203120-1 20X	20		
5	Sample	5	SV2824	022722	EX220307-5LCS	—		
6	Sample	6	SV2825	022722	EX220307-5LCSD	—		
7	Sample	7	SV2826	022722	2203120-1 2X	2		17:57
8	Sample	8	SV2827	022722	2202436-18	—		
9	Sample	9	SV2828	022722	2202436-19			
10	Sample	10	SV2829	022722	2202436-20			
11	Sample	11	SV2830	022722	2202436-21			
12	Sample	12	SV2831	022722	2202436-23			
13	Sample	13	SV2832	022722	2202436-24			
14	Sample	14	SV2833	022722	2202436-25			
15	Sample	15	SV2834	022722	2202436-27			
16	Sample	16	SV2835	022722	2202436-28			
17	Sample	17	SV2836	022722	2202436-29			
18	Sample	18	SV2837	022722	2202436-31			
19	Sample	19	SV2838	022722	2202436-30			
20	Sample	20	SV2839	022722	2202436-26			
21	Sample	21	SV2840	022722	2202436-33 2X	2		21:52
22	Sample	22	SV2841	022722	2202436-22	—		no data required - syringe compromised
23	Sample	23	SV2842	022722	2202436-32 2X	2		

Last Modified: Tue Mar 08 19:14:30 2022 Page: 0

GCMS Semivolatile Instrument Run Log
ALS Laboratory Group

Sequence Name: C:\msdchem\1\sequence\2022\031222A.s
Comment: GC/MS Semivolatiles SOP no. 506 rev:20
Data Path: C:\MSDCHEM\1\DATA\2022\031222A\
Operator:TK HPSV4 sn #: CV11451177 Analysis Date: 03/12/22 TK
IS Amount and ID 4µL ST220214-2
Logbook Number: 2022

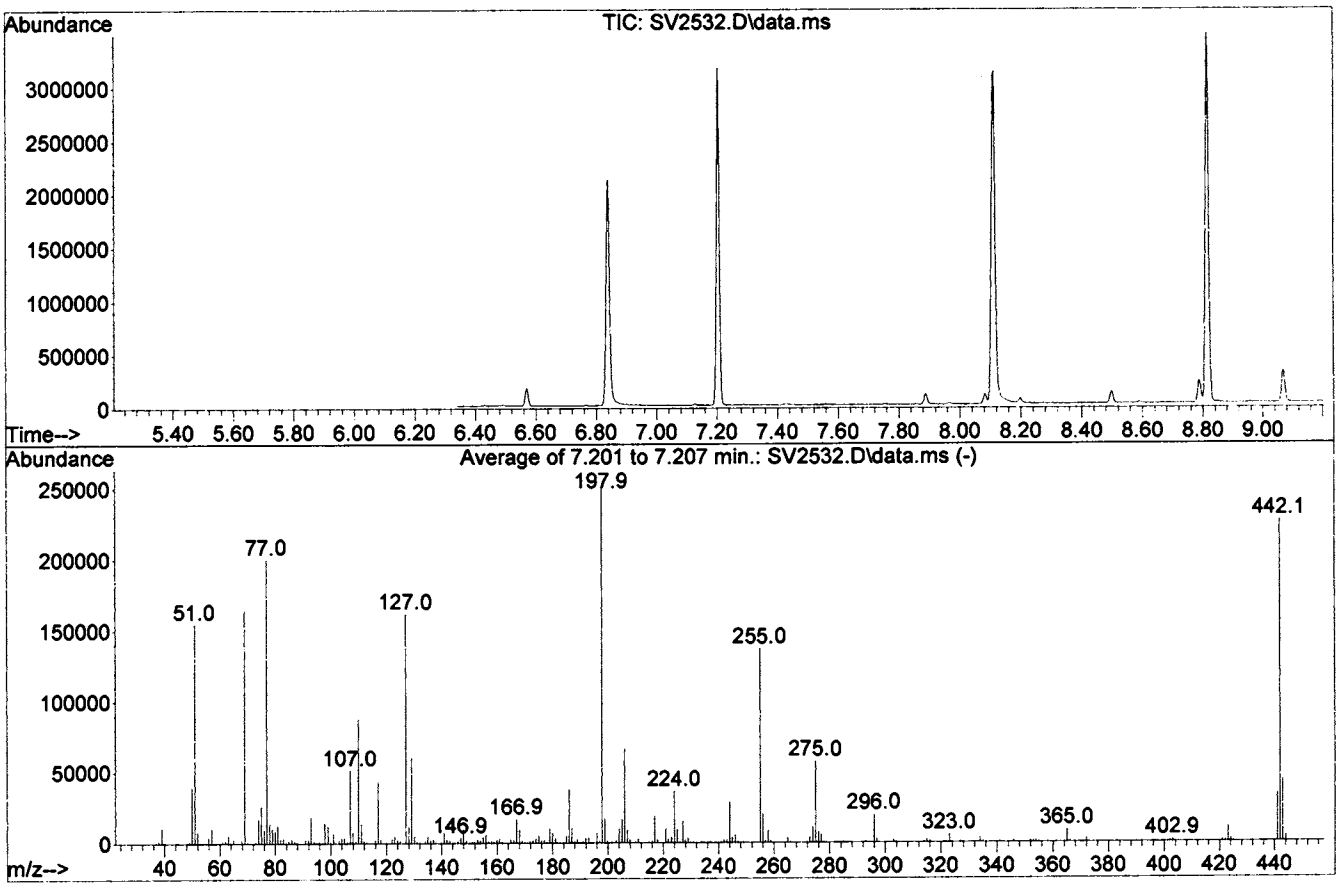
Line	Type	Vial	DataFile	Method	Sample Name	Dil.	RA?	Comment
1	Sample	1	SV2881	022722	SV220312-4CCV		NO	
2	Sample	1	SV2882	022722	SV220312-4CCV			ST220311-3 01:49
3	Sample	2	SV2883	022722	2203131-36			
4	Sample	3	SV2884	022722	BLANK added			
5	Sample	4	SV2885	022722	2202436-~~23~~ 22			
6	Sample	5	SV2886	022722	2202436-32 2X	2		2X due to viscosity not needed/used
7	Sample	6	SV2887	022722	2202436-14			
8	Sample	7	SV2888	022722	2202436-15			
9	Sample	8	SV2889	022722	2202131-30			
10	Sample	9	SV2890	022722	2202131-21			
11	Sample	10	SV2891	022722	2202131-22			
12	Sample	11	SV2892	022722	2202131-23			
13	Sample	12	SV2893	022722	2202131-24			
14	Sample	13	SV2894	022722	2202131-25			
15	Sample	14	SV2895	022722	2202131-26			
16	Sample	15	SV2896	022722	2202131-27			
17	Sample	16	SV2897	022722	2202131-28			
18	Sample	17	SV2898	022722	2202131-29			
19	Sample	18	SV2899	022722	2202131-31			
20	Sample	19	SV2900	022722	2202131-32			
21	Sample	20	SV2901	022722	2202131-33			
22	Sample	21	SV2902	022722	2202131-34			
23	Sample	22	SV2903	022722	2202131-35			
24	Sample	23	SV2904	022722	EX220310-2MB			
25	Sample	24	SV2905	022722	EX220310-2LCS			
26	Sample	25	SV2906	022722	EX220310-2LCSD			
27	Sample	26	SV2907	022722	2203154-2			
28	Sample	27	SV2908	022722	EX220307-1MB			
29	Sample	28	SV2909	022722	EX220307-1LCS			
30	Sample	29	SV2910	022722	2202482-1MS			
31	Sample	30	SV2911	022722	2202482-1MSD			
32	Sample	31	SV2912	022722	2202484-1MS			
33	Sample	32	SV2913	022722	2202484-1MSD			
34	Sample	33	SV2914	022722	2202482-1			
35	Sample	34	SV2915	022722	2202484-1			11:55

Calibration Raw Data

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2532.D
Acq On : 27 Feb 2022 8:12 am
Operator : TK HPSV4 sn #: CV11451177
Sample : TUNE CHECK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Integration File: events.e

Method : C:\MSDCHEM\1\METHODS\DFTPP1.M
Title :
Last Update : Fri Jan 14 18:41:29 2022



AutoFind: Scans 278, 279, 280; Background Corrected with Scan 272

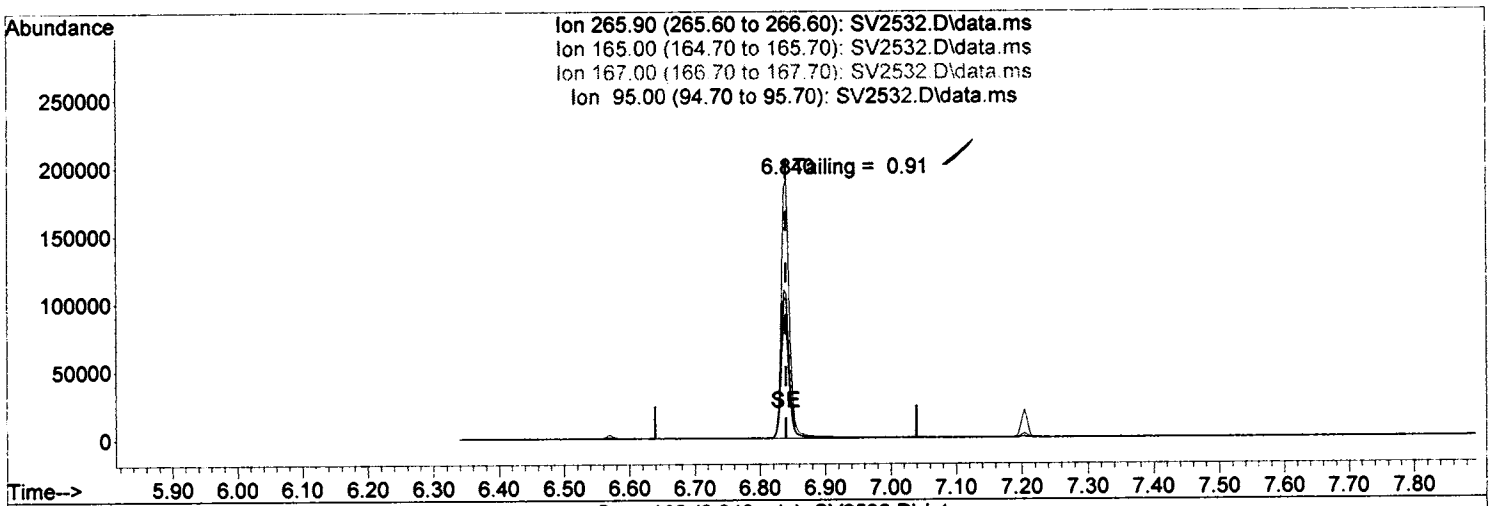
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	61.7	154863	PASS
68	69	0.00	2	1.6	2708	PASS
69	198	0.00	100	65.6	164780	PASS
70	69	0.00	2	0.5	833	PASS
127	198	10	80	64.5	161920	PASS
197	198	0.00	2	0.5	1318	PASS
198	198	100	100	100.0	251179	PASS
199	198	5	9	6.9	17450	PASS
275	198	10	60	22.9	57493	PASS
365	198	1	100	3.6	8980	PASS
441	443	0.01	100	78.4	34459	PASS
442	198	50	300	90.3	226880	PASS
443	442	15	24	19.4	43947	PASS

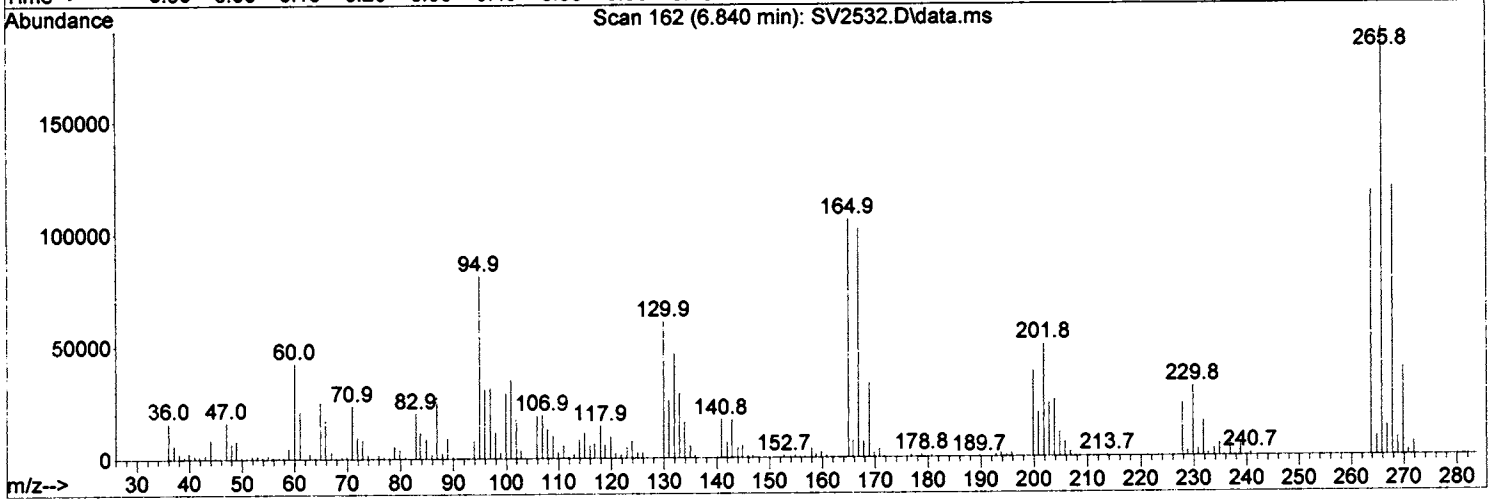
m 02/26/22

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2532.D
Acq On : 27 Feb 2022 8:12 am
Operator : TK HPSV4 sn #: CV11451177
Sample : TUNE CHECK
Misc :
ALS Vial : 2 Sample Multiplier: 1

DataAcq Meth:DFTPP1.M
Quant Method : C:\MSDCHEM\1\METHODS\DFTPP1.M
Quant Title :
QLast Update : Mon Feb 28 01:19:49 2022
Response via : Initial Calibration





TIC: SV2532.D\data.ms

(1) Pentachlorophenol (t)

6.840min (+ 0.000) 48.92 ng/ul

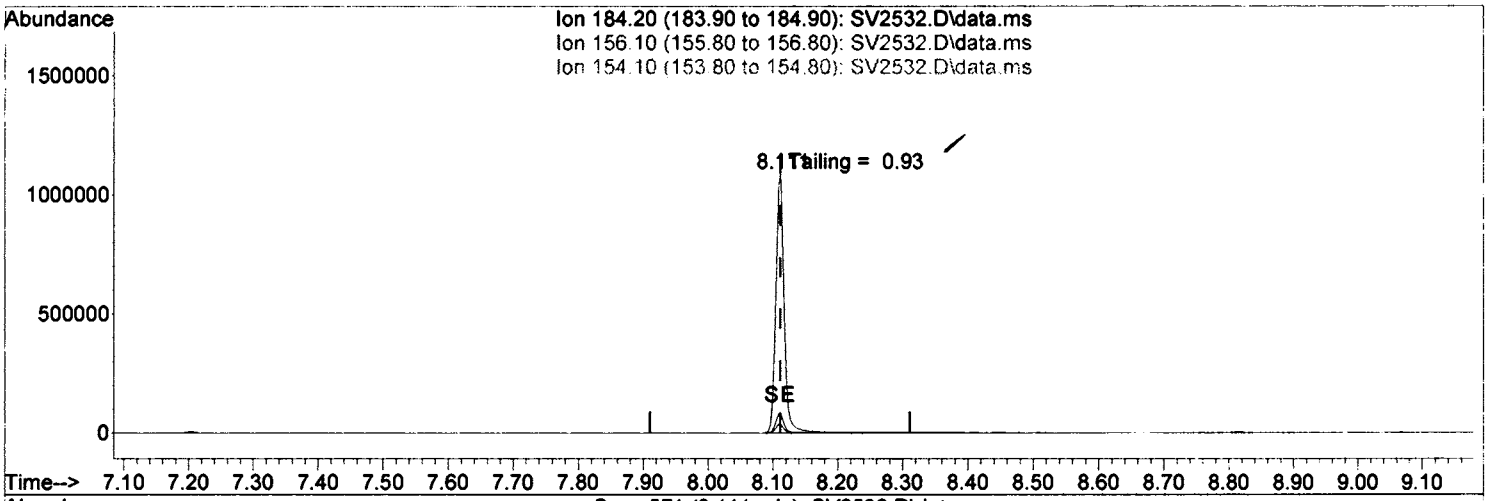
response 1627602

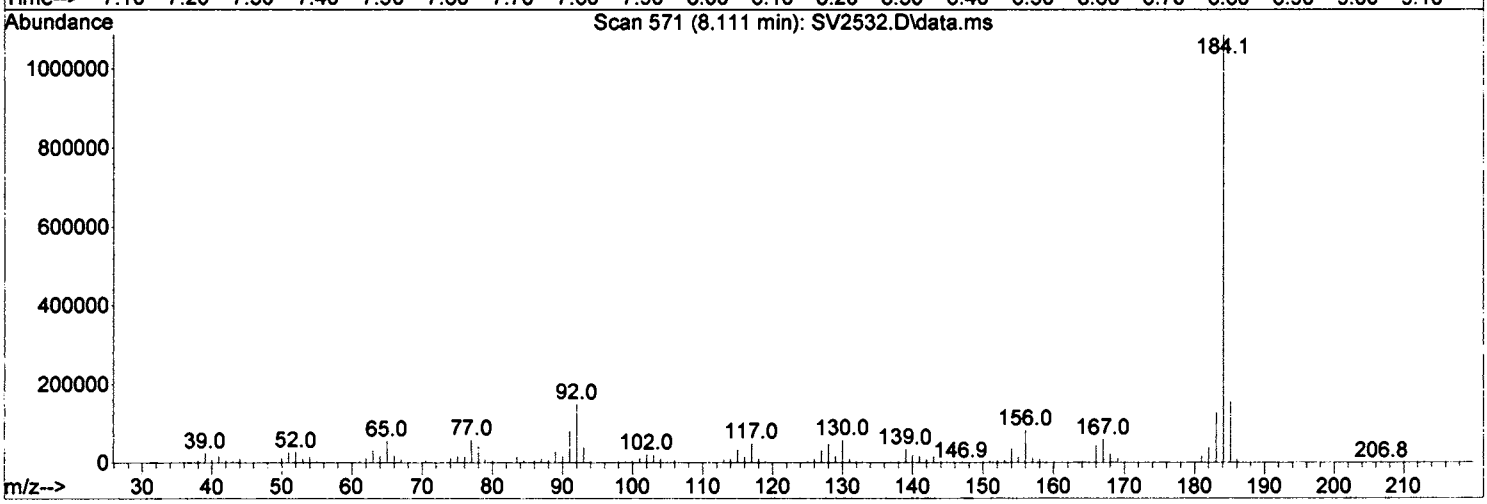
Ion	Exp%	Act%
265.90	100.00	100.00
165.00	0.00	56.36#
167.00	0.00	53.65#
95.00	0.00	44.98#

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2532.D
Acq On : 27 Feb 2022 8:12 am
Operator : TK HPSV4 sn #: CV11451177
Sample : TUNE CHECK
Misc :
ALS Vial : 2 Sample Multiplier: 1

DataAcq Meth:DFTPP1.M
Quant Method : C:\MSDCHEM\1\METHODS\DFTPP1.M
Quant Title :
QLast Update : Mon Feb 28 01:19:49 2022
Response via : Initial Calibration





TIC: SV2532.D\data.ms

(3) Benzidine (t)

8.112min (+ 0.000) 48.87 ng/ul

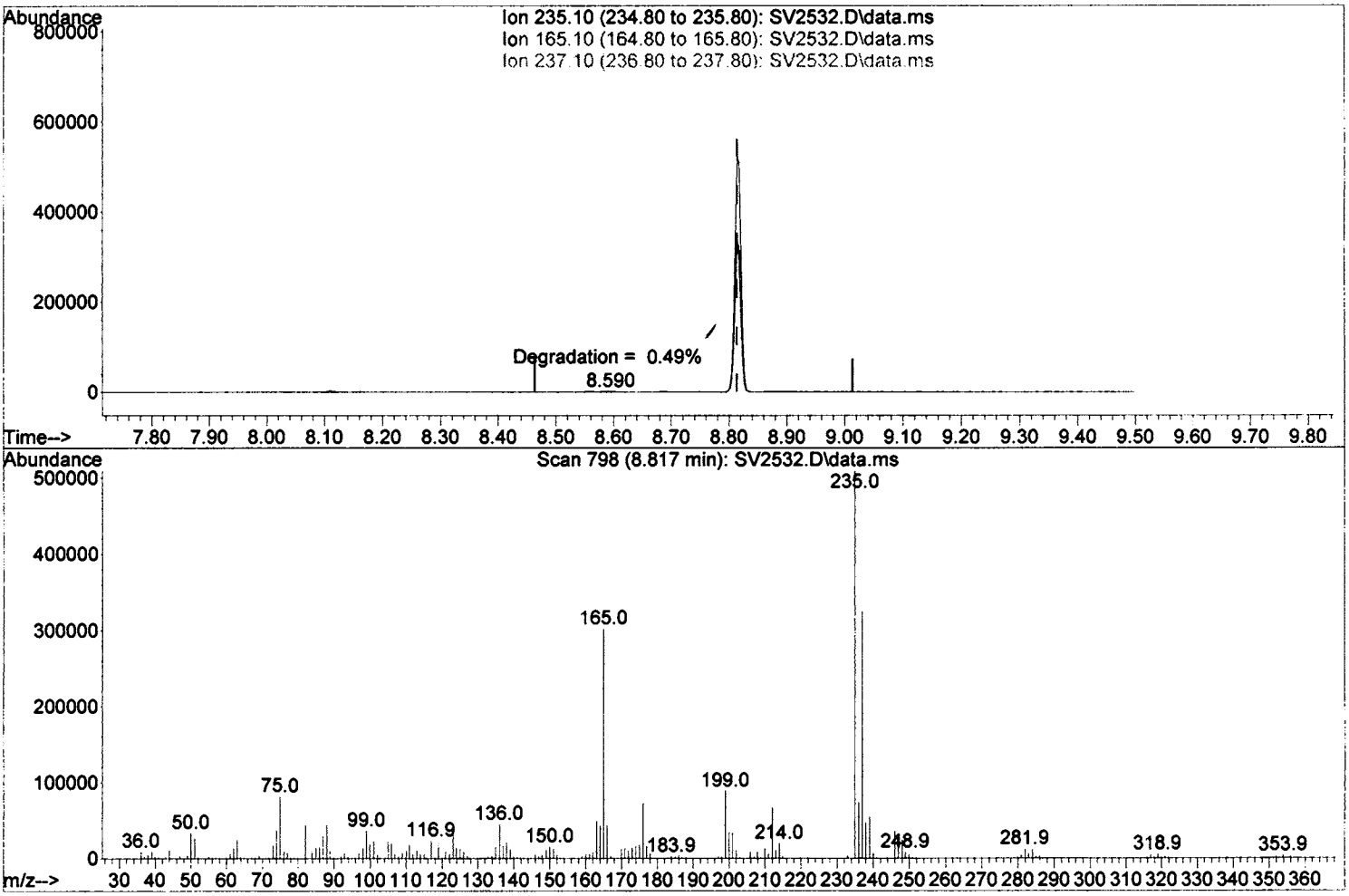
response 9516109

Ion	Exp%	Act%
184.20	100.00	100.00
156.10	0.00	7.51#
154.10	0.00	3.28#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2532.D
Acq On : 27 Feb 2022 8:12 am
Operator : TK HPSV4 sn #: CV11451177
Sample : TUNE CHECK
Misc :
ALS Vial : 2 Sample Multiplier: 1

DataAcq Meth:DFTPP1.M
Quant Method : C:\MSDCHEM\1\METHODS\DFTPP1.M
Quant Title :
QLast Update : Mon Feb 28 01:19:49 2022
Response via : Initial Calibration



TIC: SV2532.D\data.ms

(4) DDT (t)

8.817min (+ 0.003) 49.83 ng/ul

response 3881505

Ion	Exp%	Act%
235.10	100.00	100.00
165.10	0.00	62.30#
237.10	0.00	64.15#
0.00	0.00	0.00

Data File Name SV2535.D
Sample Name 0.05PPM_SIMPAH

Name	Amount	Units
Naphthalene-d8	2.0000	ng/uL
Nitrobenzene-d5	0.0537	ng/uL
Naphthalene	0.0549	ng/uL
2-Methylnaphthalene	0.0544	ng/uL
1-Methylnaphthalene	0.0548	ng/uL
Acenaphthene-d10	2.0000	ng/uL
2-Fluorobiphenyl	0.0551	ng/uL
Acenaphthylene	0.0549	ng/uL
Acenaphthene	0.0554	ng/uL
Fluorene	0.0546	ng/uL
Phenanthrene-d10	2.0000	ng/uL
Phenanthrene	0.0559	ng/uL
Anthracene	0.0539	ng/uL
Fluoranthene	0.0534	ng/uL
Chrysene-d12	2.0000	ng/uL
Pyrene	0.0581	ng/uL
p-Terphenyl-d14	0.0597	ng/uL
Benzo[a]anthracene	0.0592	ng/uL
Chrysene	0.0561	ng/uL
Perylene-d12	2.0000	ng/uL
Benzo[b]fluoranthene	0.0578	ng/uL
Benzo[k]fluoranthene	0.0578	ng/uL
Benzo[a]pyrene	0.0517	ng/uL
Indeno(1,2,3-c,d)pyrene	0.0613	ng/uL
Dibenzo[a,h]anthracene	0.0625	ng/uL
Benzo[g,h,i]perylene	0.0578	ng/uL

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2535.D
Acq On : 27 Feb 2022 9:25 am
Operator : TK HPSV4 sn #: CV11451177
Sample : 0.05PPM_SIMPAH
Misc :
ALS Vial : 5 Sample Multiplier: 1

DataAcq Meth:022722SP.M
Quant Method : C:\msdchem\1\methods\022722SP.M
Quant Title : SW8270D Selected Ion Monitoring (SIM PAH)
QLast Update : Sun Feb 27 21:26:28 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Naphthalene-d8	3.838	136	184889	2.00	ng/uL	0.00
6) Acenaphthene-d10	4.968	164	96615	2.00	ng/uL	0.00
11) Phenanthrene-d10	6.153	188	170150	2.00	ng/uL	0.00
15) Chrysene-d12	8.783	240	112945	2.00	ng/uL	0.00
20) Perylene-d12	11.279	264	90952	2.00	ng/uL	0.00
System Monitoring Compounds						
2) Nitrobenzene-d5	3.454	82	2052	0.05	ng/uL	0.00
Spiked Amount 2.000	Range 19 - 125		Recovery = 2.50%#			
7) 2-Fluorobiphenyl	4.471	172	3869	0.06	ng/uL	0.00
Spiked Amount 2.000	Range 30 - 120		Recovery = 3.00%#			
17) p-Terphenyl-d14	7.538	244	3619	0.06	ng/uL	0.00
Spiked Amount 2.000	Range 22 - 138		Recovery = 3.00%#			
Target Compounds						Qvalue
3) Naphthalene	3.850	128	5748	0.05	ng/uL	93
4) 2-Methylnaphthalene	4.248	142	3726	0.05	ng/uL	95
5) 1-Methylnaphthalene	4.315	142	3610	0.05	ng/uL	97
8) Acenaphthylene	4.865	152	5534	0.05	ng/uL	96
9) Acenaphthene	4.989	153	3651	0.06	ng/uL	97
10) Fluorene	5.383	166	3819	0.05	ng/uL	94
12) Phenanthrene	6.173	178	5923	0.06	ng/uL	97
13) Anthracene	6.212	178	5252	0.05	ng/uL	96
14) Fluoranthene	7.201	202	5416	0.05	ng/uL	98
16) Pyrene	7.419	202	5592	0.06	ng/uL	97
18) Benzo[a]anthracene	8.768	228	4334	0.06	ng/uL	97
19) Chrysene	8.817	228	4519	0.06	ng/uL	96
21) Benzo[b]fluoranthene	10.517	252	3292	0.06	ng/uL#	83
22) Benzo[k]fluoranthene	10.566	252	3366	0.06	ng/uL#	82
23) Benzo[a]pyrene	11.157	252	2826	0.05	ng/uL#	77
24) Indeno(1,2,3-c,d)pyrene	13.749	276	2028	0.06	ng/uL#	82
25) Dibenzo[a,h]anthracene	13.809	278	1985	0.06	ng/uL#	86
26) Benzo[g,h,i]perylene	14.320	276	2901	0.06	ng/uL#	85

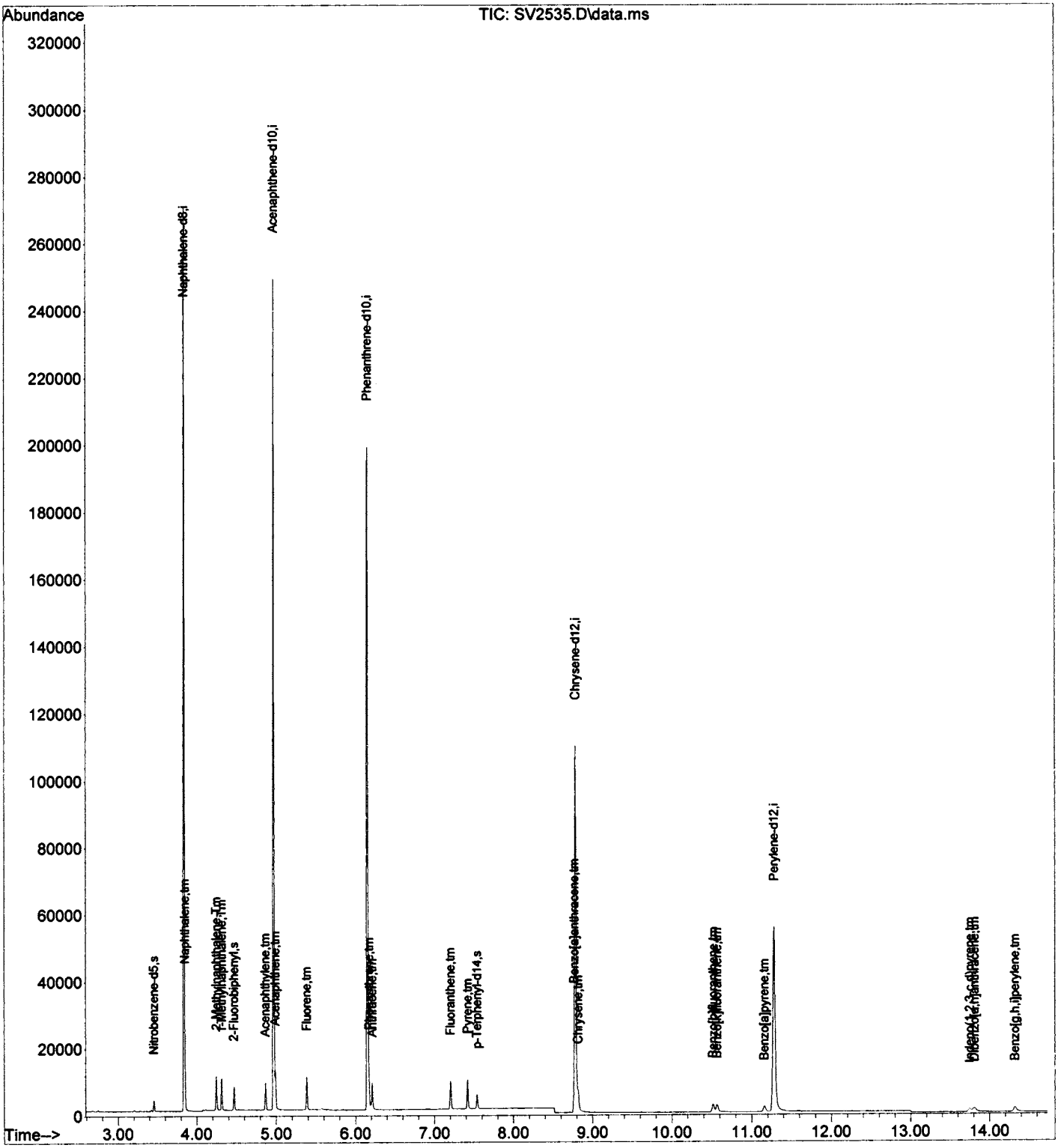
(#) = qualifier out of range (m) = manual integration (+) = signals summed

m 02/28/22

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2535.D
Acq On : 27 Feb 2022 9:25 am
Operator : TK HPSV4 sn #: CV11451177
Sample : 0.05PPM_SIMPAH
Misc :
ALS Vial : 5 Sample Multiplier: 1

DataAcq Meth:022722SP.M
Quant Method : C:\msdchem\1\methods\022722SP.M
Quant Title : SW8270D Selected Ion Monitoring (SIM PAH)
QLast Update : Sun Feb 27 21:26:28 2022
Response via : Initial Calibration



Data File Name SV2536.D
Sample Name 0.1PPM_SIMPAH CCV

Name	Amount	Units
Naphthalene-d8	2.0000	ng/uL
Nitrobenzene-d5	0.0948	ng/uL
Naphthalene	0.1005	ng/uL
2-Methylnaphthalene	0.0972	ng/uL
1-Methylnaphthalene	0.0975	ng/uL
Acenaphthene-d10	2.0000	ng/uL
2-Fluorobiphenyl	0.0986	ng/uL
Acenaphthylene	0.0969	ng/uL
Acenaphthene	0.1003	ng/uL
Fluorene	0.0988	ng/uL
Phenanthrene-d10	2.0000	ng/uL
Phenanthrene	0.1014	ng/uL
Anthracene	0.0960	ng/uL
Fluoranthene	0.0966	ng/uL
Chrysene-d12	2.0000	ng/uL
Pyrene	0.1040	ng/uL
p-Terphenyl-d14	0.1021	ng/uL
Benzo[a]anthracene	0.1008	ng/uL
Chrysene	0.1038	ng/uL
Perylene-d12	2.0000	ng/uL
Benzo[b]fluoranthene	0.0971	ng/uL
Benzo[k]fluoranthene	0.0969	ng/uL
Benzo[a]pyrene	0.0941	ng/uL
Indeno(1,2,3-c,d)pyrene	0.0950	ng/uL
Dibenzo[a,h]anthracene	0.0924	ng/uL
Benzo[g,h,i]perylene	0.0980	ng/uL

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2536.D
Acq On : 27 Feb 2022 9:43 am
Operator : TK HPSV4 sn #: CV11451177
Sample : 0.1PPM_SIMPAH
Misc :
ALS Vial : 6 Sample Multiplier: 1

DataAcq Meth:022722SP.M
Quant Method : C:\msdchem\1\methods\022722SP.M
Quant Title : SW8270D Selected Ion Monitoring (SIM PAH)
QLast Update : Sun Feb 27 21:26:28 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Naphthalene-d8	3.835	136	186297	2.00	ng/uL	0.00
6) Acenaphthene-d10	4.968	164	96791	2.00	ng/uL	0.00
11) Phenanthrene-d10	6.146	188	171029	2.00	ng/uL	0.00
15) Chrysene-d12	8.779	240	112891	2.00	ng/uL	0.00
20) Perylene-d12	11.279	264	89461	2.00	ng/uL	0.00
System Monitoring Compounds						
2) Nitrobenzene-d5	3.452	82	3647	0.09	ng/uL	0.00
Spiked Amount 2.000	Range 19 - 125		Recovery =	4.50%#		
7) 2-Fluorobiphenyl	4.471	172	6939	0.10	ng/uL	0.00
Spiked Amount 2.000	Range 30 - 120		Recovery =	5.00%#		
17) p-Terphenyl-d14	7.538	244	6193	0.10	ng/uL	0.00
Spiked Amount 2.000	Range 22 - 138		Recovery =	5.00%#		
Target Compounds						Qvalue
3) Naphthalene	3.847	128	10602	0.10	ng/uL	97
4) 2-Methylnaphthalene	4.242	142	6711	0.10	ng/uL	97
5) 1-Methylnaphthalene	4.310	142	6472	0.10	ng/uL	97
8) Acenaphthylene	4.865	152	9797	0.10	ng/uL	98
9) Acenaphthene	4.989	153	6626	0.10	ng/uL	99
10) Fluorene	5.383	166	6917	0.10	ng/uL	99
12) Phenanthrene	6.166	178	10799	0.10	ng/uL	99
13) Anthracene	6.212	178	9413	0.10	ng/uL	99
14) Fluoranthene	7.201	202	9845	0.10	ng/uL	99
16) Pyrene	7.419	202	10009	0.10	ng/uL	99
18) Benzo[a]anthracene	8.764	228	7383	0.10	ng/uL	99
19) Chrysene	8.817	228	8361	0.10	ng/uL	99
21) Benzo[b]fluoranthene	10.513	252	5648	0.10	ng/uL#	92
22) Benzo[k]fluoranthene	10.562	252	6233	0.10	ng/uL#	91
23) Benzo[a]pyrene	11.157	252	4925	0.09	ng/uL#	90
24) Indeno(1,2,3-c,d)pyrene	13.746	276	3229	0.10	ng/uL#	90
25) Dibenzo[a,h]anthracene	13.802	278	3401	0.09	ng/uL#	90
26) Benzo[g,h,i]perylene	14.318	276	5046	0.10	ng/uL	92

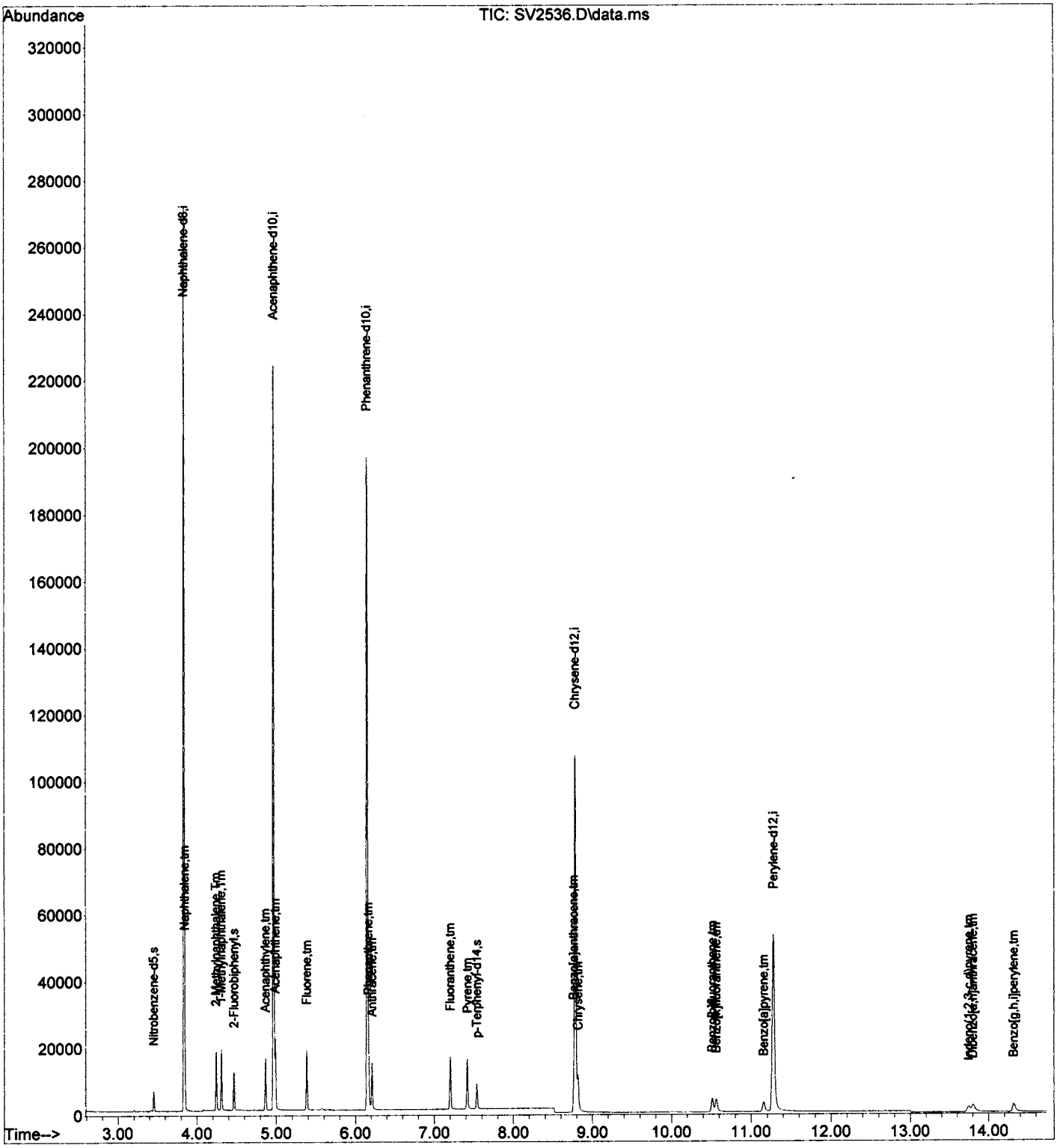
(#) = qualifier out of range (m) = manual integration (+) = signals summed

am 02/28/22

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2536.D
Acq On : 27 Feb 2022 9:43 am
Operator : TK HPSV4 sn #: CV11451177
Sample : 0.1PPM_SIMPAH
Misc :
ALS Vial : 6 Sample Multiplier: 1

DataAcq Meth:022722SP.M
Quant Method : C:\msdchem\1\methods\022722SP.M
Quant Title : SW8270D Selected Ion Monitoring (SIM PAH)
QLast Update : Sun Feb 27 21:26:28 2022
Response via : Initial Calibration



Data File Name SV2537.D
Sample Name 0.5PPM_SIMPAH CCV

Name	Amount	Units
Naphthalene-d8	2.0000	ng/uL
Nitrobenzene-d5	0.4853	ng/uL
Naphthalene	0.5007	ng/uL
2-Methylnaphthalene	0.4878	ng/uL
1-Methylnaphthalene	0.4938	ng/uL
Acenaphthene-d10	2.0000	ng/uL
2-Fluorobiphenyl	0.4969	ng/uL
Acenaphthylene	0.4845	ng/uL
Acenaphthene	0.4893	ng/uL
Fluorene	0.4840	ng/uL
Phenanthrene-d10	2.0000	ng/uL
Phenanthrene	0.4874	ng/uL
Anthracene	0.4793	ng/uL
Fluoranthene	0.4716	ng/uL
Chrysene-d12	2.0000	ng/uL
Pyrene	0.4891	ng/uL
p-Terphenyl-d14	0.4825	ng/uL
Benzo[a]anthracene	0.4631	ng/uL
Chrysene	0.4937	ng/uL
Perylene-d12	2.0000	ng/uL
Benzo[b]fluoranthene	0.4658	ng/uL
Benzo[k]fluoranthene	0.4522	ng/uL
Benzo[a]pyrene	0.4730	ng/uL
Indeno(1,2,3-c,d)pyrene	0.4490	ng/uL
Dibenzo[a,h]anthracene	0.4421	ng/uL
Benzo[g,h,i]perylene	0.4578	ng/uL

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2537.D
Acq On : 27 Feb 2022 10:01 am
Operator : TK HPSV4 sn #: CV11451177
Sample : 0.5PPM_SIMPAH
Misc :
ALS Vial : 7 Sample Multiplier: 1

DataAcq Meth:022722SP.M
Quant Method : C:\msdchem\1\methods\022722SP.M
Quant Title : SW8270D Selected Ion Monitoring (SIM PAH)
QLast Update : Sun Feb 27 21:26:28 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Naphthalene-d8	3.835	136	189506	2.00	ng/uL	0.00
6) Acenaphthene-d10	4.963	164	97690	2.00	ng/uL	0.00
11) Phenanthrene-d10	6.146	188	172187	2.00	ng/uL	0.00
15) Chrysene-d12	8.783	240	118014	2.00	ng/uL	0.00
20) Perylene-d12	11.279	264	90984	2.00	ng/uL	0.00
System Monitoring Compounds						
2) Nitrobenzene-d5	3.452	82	18994	0.49	ng/uL	0.00
Spiked Amount 2.000	Range 19 - 125		Recovery = 24.50%			
7) 2-Fluorobiphenyl	4.465	172	35307	0.50	ng/uL	0.00
Spiked Amount 2.000	Range 30 - 120		Recovery = 25.00%#			
17) p-Terphenyl-d14	7.538	244	30586	0.48	ng/uL	0.00
Spiked Amount 2.000	Range 22 - 138		Recovery = 24.00%			
Target Compounds						Qvalue
3) Naphthalene	3.847	128	53733	0.50	ng/uL	100
4) 2-Methylnaphthalene	4.242	142	34268	0.49	ng/uL	100
5) 1-Methylnaphthalene	4.310	142	33342	0.49	ng/uL	100
8) Acenaphthylene	4.865	152	49418	0.48	ng/uL	100
9) Acenaphthene	4.989	153	32634	0.49	ng/uL	100
10) Fluorene	5.383	166	34205	0.48	ng/uL	100
12) Phenanthrene	6.166	178	52279	0.49	ng/uL	100
13) Anthracene	6.212	178	47292	0.48	ng/uL	100
14) Fluoranthene	7.201	202	48402	0.47	ng/uL	100
16) Pyrene	7.419	202	49192	0.49	ng/uL	100
18) Benzo[a]anthracene	8.768	228	35443	0.46	ng/uL	100
19) Chrysene	8.817	228	41566	0.49	ng/uL	100
21) Benzo[b]fluoranthene	10.513	252	28951	0.47	ng/uL	100
22) Benzo[k]fluoranthene	10.562	252	33513	0.45	ng/uL	100
23) Benzo[a]pyrene	11.160	252	24912	0.47	ng/uL	100
24) Indeno(1,2,3-c,d)pyrene	13.746	276	16710	0.45	ng/uL	100
25) Dibenzo[a,h]anthracene	13.804	278	20831	0.44	ng/uL	100
26) Benzo[g,h,i]perylene	14.323	276	25316	0.46	ng/uL	100

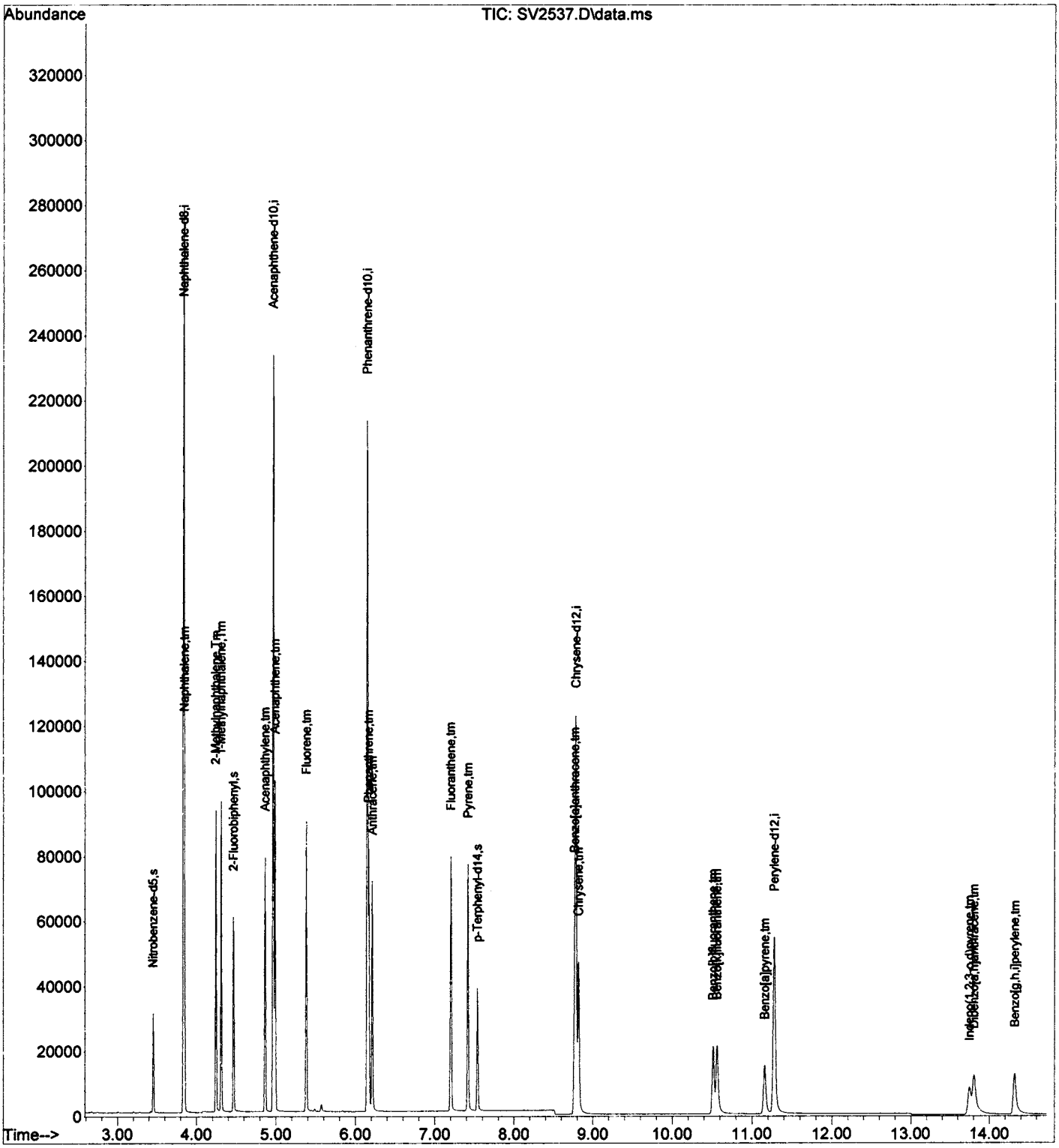
(#) = qualifier out of range (m) = manual integration (+) = signals summed

m 02/28/22

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2537.D
Acq On : 27 Feb 2022 10:01 am
Operator : TK HPSV4 sn #: CV11451177
Sample : 0.5PPM_SIMPAH
Misc :
ALS Vial : 7 Sample Multiplier: 1

DataAcq Meth:022722SP.M
Quant Method : C:\msdchem\1\methods\022722SP.M
Quant Title : SW8270D Selected Ion Monitoring (SIM PAH)
QLast Update : Sun Feb 27 21:26:28 2022
Response via : Initial Calibration



Data File Name SV2538.D
Sample Name 1PPM_SIMPAH CCV

Name	Amount	Units
Naphthalene-d8	2.0000	ng/uL
Nitrobenzene-d5	0.9650	ng/uL
Naphthalene	0.9888	ng/uL
2-Methylnaphthalene	0.9726	ng/uL
1-Methylnaphthalene	0.9806	ng/uL
Acenaphthene-d10	2.0000	ng/uL
2-Fluorobiphenyl	0.9866	ng/uL
Acenaphthylene	0.9605	ng/uL
Acenaphthene	0.9738	ng/uL
Fluorene	0.9574	ng/uL
Phenanthrene-d10	2.0000	ng/uL
Phenanthrene	0.9683	ng/uL
Anthracene	0.9575	ng/uL
Fluoranthene	0.9461	ng/uL
Chrysene-d12	2.0000	ng/uL
Pyrene	0.9569	ng/uL
p-Terphenyl-d14	0.9517	ng/uL
Benzo[a]anthracene	0.9151	ng/uL
Chrysene	0.9872	ng/uL
Perylene-d12	2.0000	ng/uL
Benzo[b]fluoranthene	0.9308	ng/uL
Benzo[k]fluoranthene	0.9466	ng/uL
Benzo[a]pyrene	0.9731	ng/uL
Indeno(1,2,3-c,d)pyrene	0.9155	ng/uL
Dibenzo[a,h]anthracene	0.9178	ng/uL
Benzo[g,h,i]perylene	0.9318	ng/uL

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2538.D
Acq On : 27 Feb 2022 10:18 am
Operator : TK HPSV4 sn #: CV11451177
Sample : 1PPM_SIMPAH
Misc :
ALS Vial : 8 Sample Multiplier: 1

DataAcq Meth:022722SP.M
Quant Method : C:\msdchem\1\methods\022722SP.M
Quant Title : SW8270D Selected Ion Monitoring (SIM PAH)
QLast Update : Sun Feb 27 21:26:28 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Naphthalene-d8	3.835	136	194435	2.00	ng/uL	0.00
6) Acenaphthene-d10	4.968	164	100606	2.00	ng/uL	0.00
11) Phenanthrene-d10	6.146	188	175548	2.00	ng/uL	0.00
15) Chrysene-d12	8.783	240	123395	2.00	ng/uL	0.00
20) Perylene-d12	11.279	264	93196	2.00	ng/uL	0.00
System Monitoring Compounds						
2) Nitrobenzene-d5	3.452	82	38752	0.97	ng/uL	0.00
Spiked Amount 2.000	Range 19 - 125		Recovery = 48.50%			
7) 2-Fluorobiphenyl	4.465	172	72196	0.99	ng/uL	0.00
Spiked Amount 2.000	Range 30 - 120		Recovery = 49.50%			
17) p-Terphenyl-d14	7.538	244	63079	0.95	ng/uL	0.00
Spiked Amount 2.000	Range 22 - 138		Recovery = 47.50%			
Target Compounds						Qvalue
3) Naphthalene	3.847	128	108872	0.99	ng/uL	100
4) 2-Methylnaphthalene	4.242	142	70108	0.97	ng/uL	100
5) 1-Methylnaphthalene	4.310	142	67927	0.98	ng/uL	99
8) Acenaphthylene	4.865	152	100901	0.96	ng/uL	100
9) Acenaphthene	4.989	153	66885	0.97	ng/uL	98
10) Fluorene	5.383	166	69680	0.96	ng/uL	100
12) Phenanthrene	6.166	178	105879	0.97	ng/uL	99
13) Anthracene	6.212	178	96326	0.96	ng/uL	100
14) Fluoranthene	7.201	202	99009	0.95	ng/uL	99
16) Pyrene	7.419	202	100630	0.96	ng/uL	99
18) Benzo[a]anthracene	8.768	228	73239	0.92	ng/uL	100
19) Chrysene	8.817	228	86916	0.99	ng/uL	100
21) Benzo[b]fluoranthene	10.517	252	60176	0.93	ng/uL	99
22) Benzo[k]fluoranthene	10.566	252	73470	0.95	ng/uL	98
23) Benzo[a]pyrene	11.161	252	53502	0.97	ng/uL	98
24) Indeno(1,2,3-c,d)pyrene	13.751	276	35984	0.92	ng/uL	98
25) Dibenzo[a,h]anthracene	13.809	278	46120	0.92	ng/uL	99
26) Benzo[g,h,i]perylene	14.325	276	53714	0.93	ng/uL	98

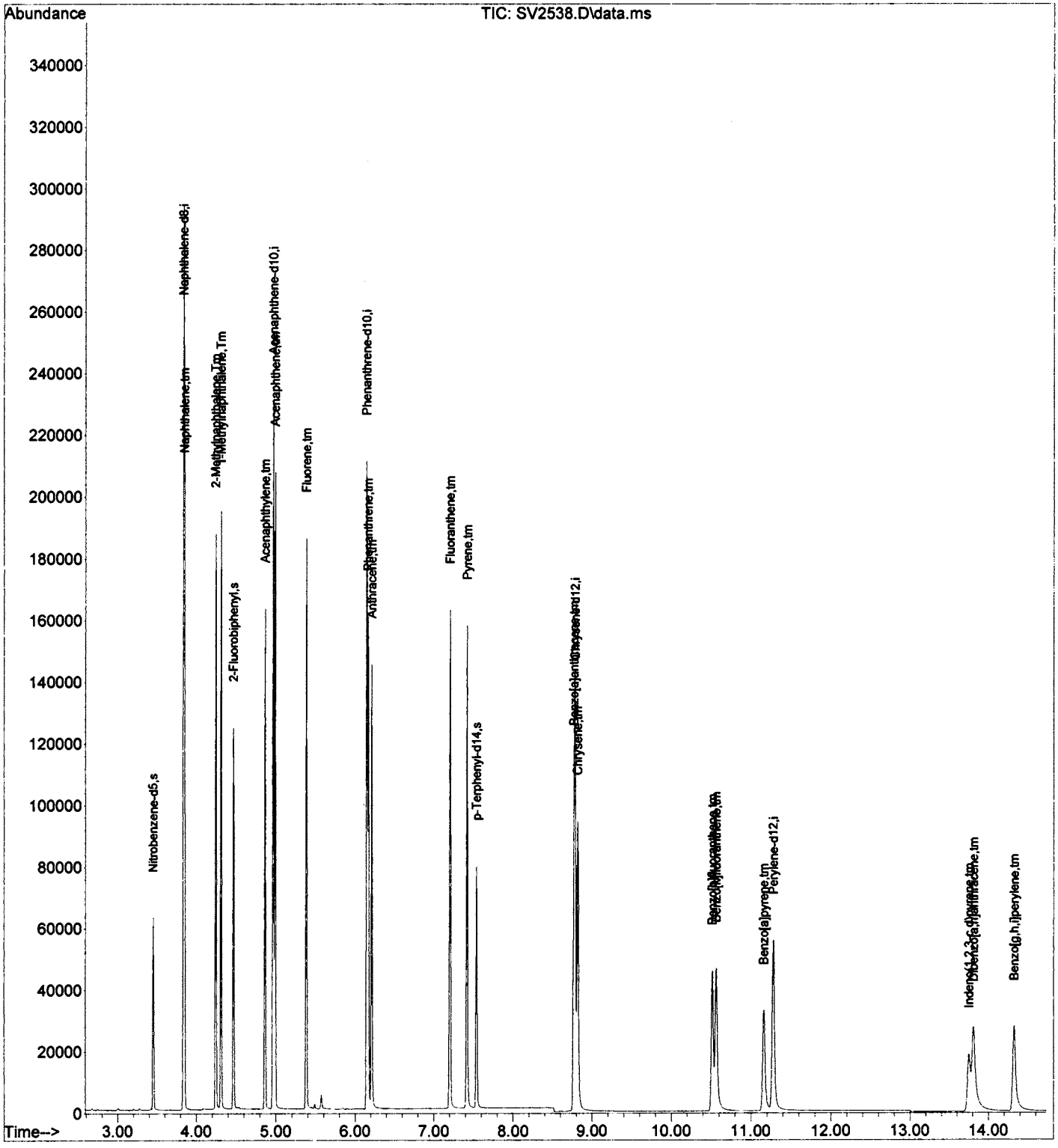
(#) = qualifier out of range (m) = manual integration (+) = signals summed

m 02/28/22

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2538.D
Acq On : 27 Feb 2022 10:18 am
Operator : TK HPSV4 sn #: CV11451177
Sample : 1PPM_SIMPAH
Misc :
ALS Vial : 8 Sample Multiplier: 1

DataAcq Meth:022722SP.M
Quant Method : C:\msdchem\1\methods\022722SP.M
Quant Title : SW8270D Selected Ion Monitoring (SIM PAH)
QLast Update : Sun Feb 27 21:26:28 2022
Response via : Initial Calibration



Data File Name SV2539.D
Sample Name 2PPM_SIMPAH CCV

Name	Amount	Units
Naphthalene-d8	2.0000	ng/uL
Nitrobenzene-d5	1.9477	ng/uL
Naphthalene	1.9455	ng/uL
2-Methylnaphthalene	1.9433	ng/uL
1-Methylnaphthalene	1.9486	ng/uL
Acenaphthene-d10	2.0000	ng/uL
2-Fluorobiphenyl	1.9530	ng/uL
Acenaphthylene	1.9397	ng/uL
Acenaphthene	1.9365	ng/uL
Fluorene	1.9441	ng/uL
Phenanthrene-d10	2.0000	ng/uL
Phenanthrene	1.9130	ng/uL
Anthracene	1.9510	ng/uL
Fluoranthene	1.9506	ng/uL
Chrysene-d12	2.0000	ng/uL
Pyrene	1.8832	ng/uL
p-Terphenyl-d14	1.9002	ng/uL
Benzo[a]anthracene	1.8814	ng/uL
Chrysene	1.8896	ng/uL
Perylene-d12	2.0000	ng/uL
Benzo[b]fluoranthene	1.9497	ng/uL
Benzo[k]fluoranthene	1.9905	ng/uL
Benzo[a]pyrene	2.1121	ng/uL
Indeno(1,2,3-c,d)pyrene	1.9420	ng/uL
Dibenzo[a,h]anthracene	1.9661	ng/uL
Benzo[g,h,i]perylene	1.9647	ng/uL

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2539.D
Acq On : 27 Feb 2022 10:36 am
Operator : TK HPSV4 sn #: CV11451177
Sample : 2PPM_SIMPAH
Misc :
ALS Vial : 9 Sample Multiplier: 1

DataAcq Meth:022722SP.M
Quant Method : C:\msdchem\1\methods\022722SP.M
Quant Title : SW8270D Selected Ion Monitoring (SIM PAH)
QLast Update : Sun Feb 27 21:26:28 2022
Response via : Initial Calibration

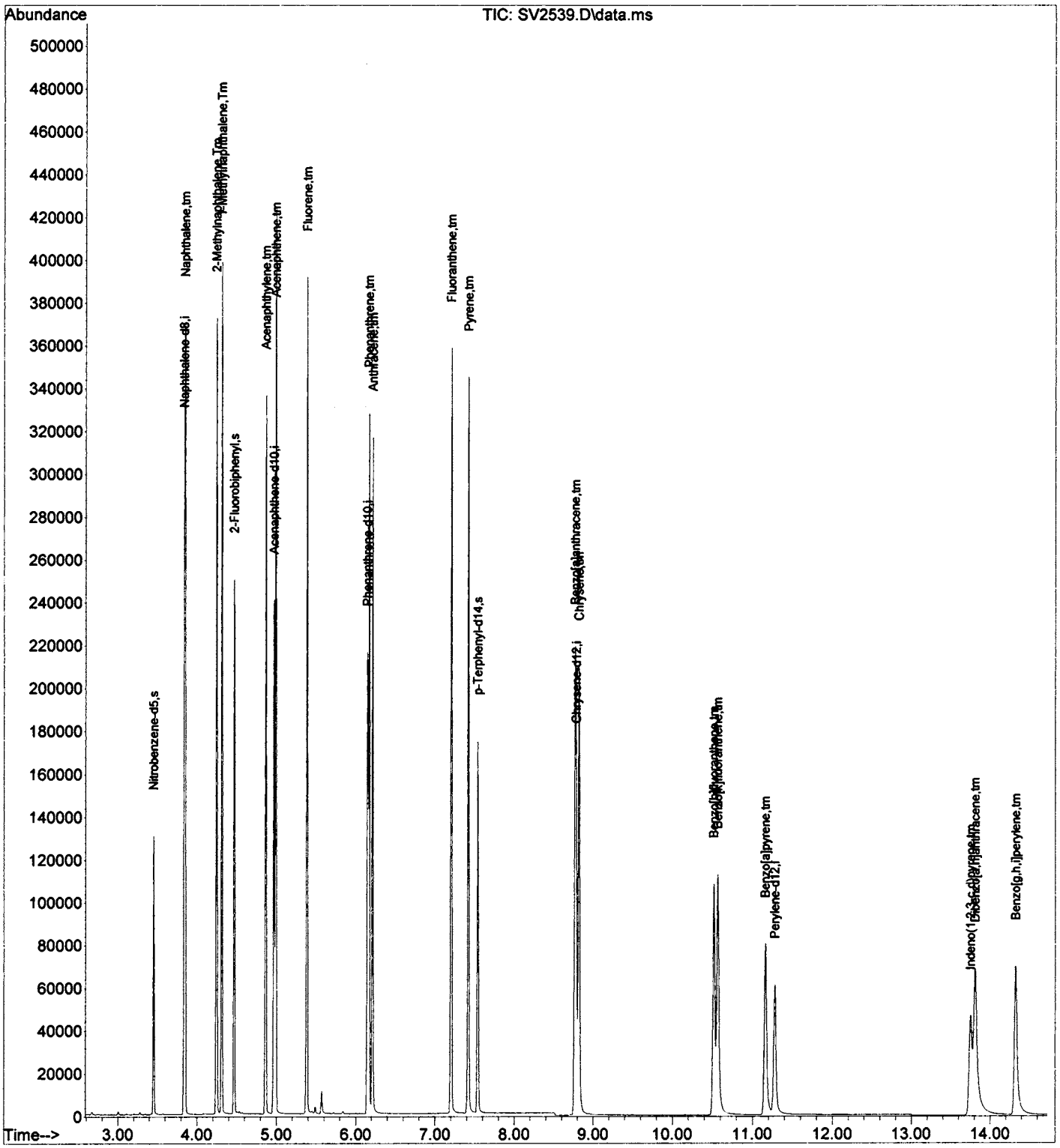
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Naphthalene-d8	3.835	136	199666	2.00	ng/uL	0.00
6) Acenaphthene-d10	4.968	164	103292	2.00	ng/uL	0.00
11) Phenanthrene-d10	6.146	188	184060	2.00	ng/uL	0.00
15) Chrysene-d12	8.783	240	135642	2.00	ng/uL	0.00
20) Perylene-d12	11.279	264	100582	2.00	ng/uL	0.00
System Monitoring Compounds						
2) Nitrobenzene-d5	3.452	82	80320	1.95	ng/uL	0.00
Spiked Amount 2.000	Range 19 - 125		Recovery = 97.50%			
7) 2-Fluorobiphenyl	4.465	172	146733	1.95	ng/uL	0.00
Spiked Amount 2.000	Range 30 - 120		Recovery = 97.50%			
17) p-Terphenyl-d14	7.538	244	138447	1.90	ng/uL	0.00
Spiked Amount 2.000	Range 22 - 138		Recovery = 95.00%			
Target Compounds						Qvalue
3) Naphthalene	3.847	128	219982	1.95	ng/uL	100
4) 2-Methylnaphthalene	4.242	142	143841	1.94	ng/uL	100
5) 1-Methylnaphthalene	4.310	142	138617	1.95	ng/uL	100
8) Acenaphthylene	4.865	152	209205	1.94	ng/uL	100
9) Acenaphthene	4.989	153	136556	1.94	ng/uL	99
10) Fluorene	5.383	166	145274	1.94	ng/uL	99
12) Phenanthrene	6.166	178	219332	1.91	ng/uL	99
13) Anthracene	6.212	178	205788	1.95	ng/uL	100
14) Fluoranthene	7.201	202	214021	1.95	ng/uL	100
16) Pyrene	7.419	202	217702	1.88	ng/uL	100
18) Benzo[a]anthracene	8.768	228	165518	1.88	ng/uL	100
19) Chrysene	8.817	228	182876	1.89	ng/uL	100
21) Benzo[b]fluoranthene	10.517	252	139380	1.95	ng/uL	98
22) Benzo[k]fluoranthene	10.566	252	170176	1.99	ng/uL	98
23) Benzo[a]pyrene	11.160	252	131466	2.11	ng/uL	98
24) Indeno(1,2,3-c,d)pyrene	13.753	276	86862	1.94	ng/uL	97
25) Dibenzo[a,h]anthracene	13.809	278	111236	1.97	ng/uL	98
26) Benzo[g,h,i]perylene	14.325	276	125639	1.96	ng/uL	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2539.D
Acq On : 27 Feb 2022 10:36 am
Operator : TK HPSV4 sn #: CV11451177
Sample : 2PPM_SIMPAH
Misc :
ALS Vial : 9 Sample Multiplier: 1

DataAcq Meth:022722SP.M
Quant Method : C:\msdchem\1\methods\022722SP.M
Quant Title : SW8270D Selected Ion Monitoring (SIM PAH)
QLast Update : Sun Feb 27 21:26:28 2022
Response via : Initial Calibration



Data File Name SV2540.D
Sample Name 5PPM_SIMPAH CCV

Name	Amount	Units
Naphthalene-d8	2.0000	ng/uL
Nitrobenzene-d5	5.1343	ng/uL
Naphthalene	4.9050	ng/uL
2-Methylnaphthalene	5.0474	ng/uL
1-Methylnaphthalene	4.9797	ng/uL
Acenaphthene-d10	2.0000	ng/uL
2-Fluorobiphenyl	4.9469	ng/uL
Acenaphthylene	5.0739	ng/uL
Acenaphthene	4.9570	ng/uL
Fluorene	5.0739	ng/uL
Phenanthrene-d10	2.0000	ng/uL
Phenanthrene	4.9221	ng/uL
Anthracene	5.1643	ng/uL
Fluoranthene	5.2114	ng/uL
Chrysene-d12	2.0000	ng/uL
Pyrene	4.8378	ng/uL
p-Terphenyl-d14	4.7826	ng/uL
Benzo[a]anthracene	5.0288	ng/uL
Chrysene	4.8348	ng/uL
Perylene-d12	2.0000	ng/uL
Benzo[b]fluoranthene	5.2241	ng/uL
Benzo[k]fluoranthene	5.1764	ng/uL
Benzo[a]pyrene	5.3471	ng/uL
Indeno(1,2,3-c,d)pyrene	5.2408	ng/uL
Dibenzo[a,h]anthracene	5.2423	ng/uL
Benzo[g,h,i]perylene	5.2090	ng/uL

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2540.D
Acq On : 27 Feb 2022 10:54 am
Operator : TK HPSV4 sn #: CV11451177
Sample : 5PPM_SIMPAH
Misc :
ALS Vial : 10 Sample Multiplier: 1

DataAcq Meth:022722SP.M
Quant Method : C:\msdchem\1\methods\022722SP.M
Quant Title : SW8270D Selected Ion Monitoring (SIM PAH)
QLast Update : Sun Feb 27 21:26:28 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Naphthalene-d8	3.835	136	197851	2.00	ng/uL	0.00
6) Acenaphthene-d10	4.963	164	103507	2.00	ng/uL	0.00
11) Phenanthrene-d10	6.153	188	182680	2.00	ng/uL	0.00
15) Chrysene-d12	8.783	240	139157	2.00	ng/uL	0.00
20) Perylene-d12	11.279	264	101838	2.00	ng/uL	0.00
System Monitoring Compounds						
2) Nitrobenzene-d5	3.452	82	209802	5.13	ng/uL	0.00
Spiked Amount 2.000	Range 19 - 125		Recovery = 256.50%#			
7) 2-Fluorobiphenyl	4.471	172	372437	4.95	ng/uL	0.00
Spiked Amount 2.000	Range 30 - 120		Recovery = 247.50%#			
17) p-Terphenyl-d14	7.538	244	357476	4.78	ng/uL	0.00
Spiked Amount 2.000	Range 22 - 138		Recovery = 239.00%#			
Target Compounds						Qvalue
3) Naphthalene	3.847	128	549569	4.91	ng/uL	100
4) 2-Methylnaphthalene	4.242	142	370209	5.05	ng/uL	99
5) 1-Methylnaphthalene	4.310	142	351021	4.98	ng/uL	100
8) Acenaphthylene	4.865	152	548382	5.07	ng/uL	100
9) Acenaphthene	4.989	153	350285	4.96	ng/uL	99
10) Fluorene	5.383	166	379947	5.07	ng/uL	100
12) Phenanthrene	6.166	178	560091	4.92	ng/uL	100
13) Anthracene	6.212	178	540637	5.16	ng/uL	100
14) Fluoranthene	7.201	202	567497	5.21	ng/uL	99
16) Pyrene	7.419	202	573746	4.84	ng/uL	99
18) Benzo[a]anthracene	8.768	228	453870	5.03	ng/uL	100
19) Chrysene	8.817	228	480023	4.83	ng/uL	100
21) Benzo[b]fluoranthene	10.520	252	404654	5.22	ng/uL	98
22) Benzo[k]fluoranthene	10.566	252	467406	5.18	ng/uL	98
23) Benzo[a]pyrene	11.161	252	382991	5.35	ng/uL	98
24) Indeno(1,2,3-c,d)pyrene	13.756	276	274519	5.24	ng/uL	96
25) Dibenzo[a,h]anthracene	13.814	278	329778	5.24	ng/uL	97
26) Benzo[g,h,i]perylene	14.328	276	363340	5.21	ng/uL	98

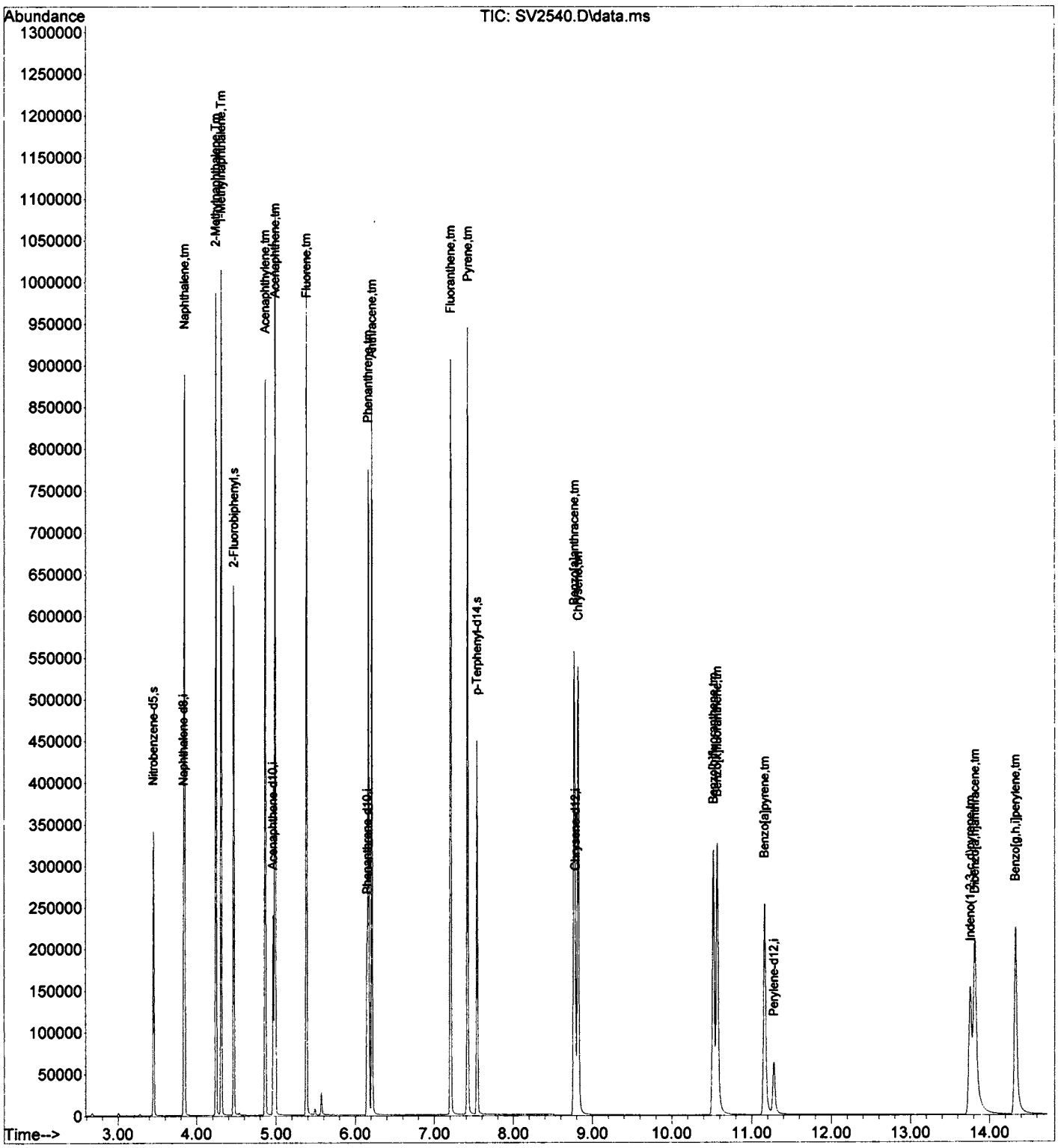
(#) = qualifier out of range (m) = manual integration (+) = signals summed

m 02/28/22

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2540.D
Acq On : 27 Feb 2022 10:54 am
Operator : TK HPSV4 sn #: CV11451177
Sample : 5PPM_SIMPAH
Misc :
ALS Vial : 10 Sample Multiplier: 1

DataAcq Meth:022722SP.M
Quant Method : C:\msdchem\1\methods\022722SP.M
Quant Title : SW8270D Selected Ion Monitoring (SIM PAH)
QLast Update : Sun Feb 27 21:26:28 2022
Response via : Initial Calibration



Data File Name SV2541.D
Sample Name 10PPM_SIMPAH CCV

Name	Amount	Units
Naphthalene-d8	2.0000	ng/uL
Nitrobenzene-d5	10.4106	ng/uL
Naphthalene	9.5311	ng/uL
2-Methylnaphthalene	10.1174	ng/uL
1-Methylnaphthalene	9.9038	ng/uL
Acenaphthene-d10	2.0000	ng/uL
2-Fluorobiphenyl	9.6694	ng/uL
Acenaphthylene	10.1951	ng/uL
Acenaphthene	9.7813	ng/uL
Fluorene	10.0732	ng/uL
Phenanthrene-d10	2.0000	ng/uL
Phenanthrene	9.8485	ng/uL
Anthracene	10.3821	ng/uL
Fluoranthene	10.5978	ng/uL
Chrysene-d12	2.0000	ng/uL
Pyrene	9.5352	ng/uL
p-Terphenyl-d14	9.6220	ng/uL
Benzo[a]anthracene	10.2060	ng/uL
Chrysene	9.5409	ng/uL
Perylene-d12	2.0000	ng/uL
Benzo[b]fluoranthene	9.9183	ng/uL
Benzo[k]fluoranthene	9.9253	ng/uL
Benzo[a]pyrene	9.6945	ng/uL
Indeno(1,2,3-c,d)pyrene	9.9220	ng/uL
Dibenzo[a,h]anthracene	9.9095	ng/uL
Benzo[g,h,i]perylene	9.9236	ng/uL

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2541.D
Acq On : 27 Feb 2022 11:11 am
Operator : TK HPSV4 sn #: CV11451177
Sample : 10PPM_SIMPAH
Misc :
ALS Vial : 11 Sample Multiplier: 1

DataAcq Meth:022722SP.M
Quant Method : C:\msdchem\1\methods\022722SP.M
Quant Title : SW8270D Selected Ion Monitoring (SIM PAH)
QLast Update : Sun Feb 27 21:26:28 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Naphthalene-d8	3.837	136	195936	2.00	ng/uL	0.00
6) Acenaphthene-d10	4.968	164	103165	2.00	ng/uL	0.00
11) Phenanthrene-d10	6.153	188	178238	2.00	ng/uL	0.00
15) Chrysene-d12	8.783	240	139722	2.00	ng/uL	0.00
20) Perylene-d12	11.282	264	102040	2.00	ng/uL	0.00
System Monitoring Compounds						
2) Nitrobenzene-d5	3.452	82	421285	10.41	ng/uL	0.00
Spiked Amount 2.000	Range 19 - 125		Recovery = 520.50%#			
7) 2-Fluorobiphenyl	4.471	172	725581	9.67	ng/uL	0.00
Spiked Amount 2.000	Range 30 - 120		Recovery = 483.50%#			
17) p-Terphenyl-d14	7.538	244	722119	9.62	ng/uL	0.00
Spiked Amount 2.000	Range 22 - 138		Recovery = 481.00%#			
Target Compounds						Qvalue
3) Naphthalene	3.847	128	1057549	9.53	ng/uL	100
4) 2-Methylnaphthalene	4.248	142	734895	10.12	ng/uL	93
5) 1-Methylnaphthalene	4.310	142	691365	9.90	ng/uL	100
8) Acenaphthylene	4.865	152	1098246	10.20	ng/uL	100
9) Acenaphthene	4.989	153	688907	9.78	ng/uL	99
10) Fluorene	5.383	166	751813	10.07	ng/uL	99
12) Phenanthrene	6.173	178	1093416	9.85	ng/uL	98
13) Anthracene	6.212	178	1060446	10.38	ng/uL	100
14) Fluoranthene	7.201	202	1125989	10.60	ng/uL	100
16) Pyrene	7.419	202	1135430	9.54	ng/uL	99
18) Benzo[a]anthracene	8.768	228	924871	10.21	ng/uL	100
19) Chrysene	8.821	228	951120	9.54	ng/uL	99
21) Benzo[b]fluoranthene	10.517	252	840886	9.92	ng/uL	99
22) Benzo[k]fluoranthene	10.570	252	949150	9.93	ng/uL	98
23) Benzo[a]pyrene	11.164	252	808627	9.69	ng/uL	98
24) Indeno(1,2,3-c,d)pyrene	13.758	276	619846	9.92	ng/uL	97
25) Dibenzo[a,h]anthracene	13.816	278	699798	9.91	ng/uL	95
26) Benzo[g,h,i]perylene	14.328	276	764654	9.92	ng/uL	98

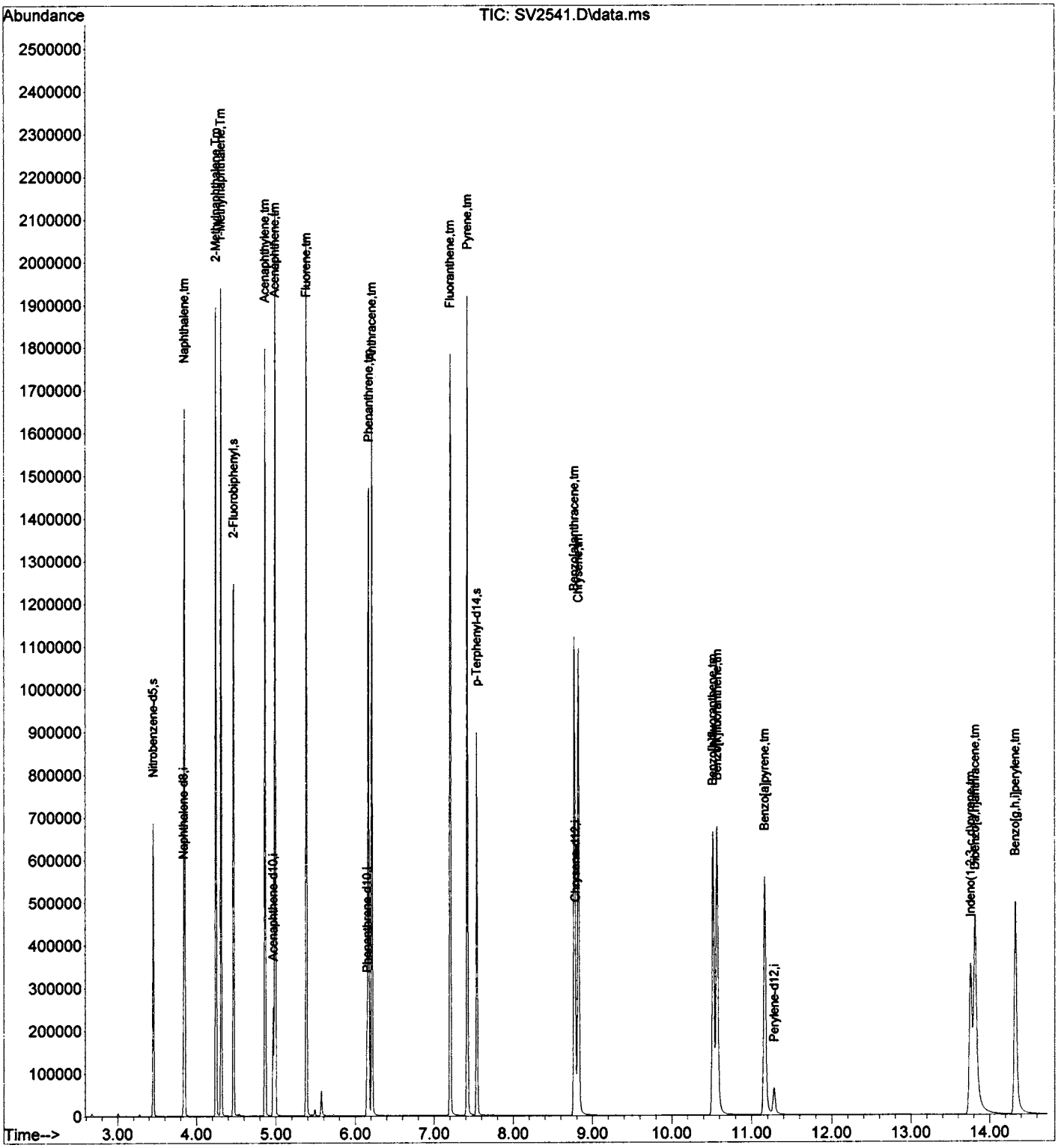
(#) = qualifier out of range (m) = manual integration (+) = signals summed

m 02/28/22

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2541.D
Acq On : 27 Feb 2022 11:11 am
Operator : TK HPSV4 sn #: CV11451177
Sample : 10PPM_SIMPAH
Misc :
ALS Vial : 11 Sample Multiplier: 1

DataAcq Meth:022722SP.M
Quant Method : C:\msdchem\1\methods\022722SP.M
Quant Title : SW8270D Selected Ion Monitoring (SIM PAH)
QLast Update : Sun Feb 27 21:26:28 2022
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2543.D
Acq On : 27 Feb 2022 11:47 am
Operator : TK HPSV4 sn #: CV11451177
Sample : 5PPM_SIMPAH_ICV
Misc :
ALS Vial : 12 Sample Multiplier: 1

DataAcq Meth:022722SP.M
Quant Method : C:\msdchem\1\methods\022722SP.M
Quant Title : SW8270D Selected Ion Monitoring (SIM PAH)
QLast Update : Sun Feb 27 21:26:28 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Naphthalene-d8	3.838	136	201594	2.00	ng/uL	0.00
6) Acenaphthene-d10	4.968	164	103948	2.00	ng/uL	0.00
11) Phenanthrene-d10	6.153	188	183532	2.00	ng/uL	0.00
15) Chrysene-d12	8.783	240	141395	2.00	ng/uL	0.00
20) Perylene-d12	11.283	264	100714	2.00	ng/uL	0.00
System Monitoring Compounds						
2) Nitrobenzene-d5	3.452	82	211684	5.08	ng/uL	0.00
Spiked Amount 2.000	Range 19 - 125		Recovery = 254.00%#			
7) 2-Fluorobiphenyl	4.471	172	376821	4.98	ng/uL	0.00
Spiked Amount 2.000	Range 30 - 120		Recovery = 249.00%#			
17) p-Terphenyl-d14	7.538	244	365551	4.81	ng/uL	0.00
Spiked Amount 2.000	Range 22 - 138		Recovery = 240.50%#			
Target Compounds						Qvalue
3) Naphthalene	3.850	128	558552	4.89	ng/uL	99
4) 2-Methylnaphthalene	4.248	142	373807	5.00	ng/uL	93
5) 1-Methylnaphthalene	4.310	142	355128	4.94	ng/uL	99
8) Acenaphthylene	4.865	152	552113	5.09	ng/uL	100
9) Acenaphthene	4.989	153	353473	4.98	ng/uL	98
10) Fluorene	5.383	166	383235	5.10	ng/uL	100
12) Phenanthrene	6.173	178	565235	4.94	ng/uL	98
13) Anthracene	6.212	178	541634	5.15	ng/uL	99
14) Fluoranthene	7.208	202	567958	5.19	ng/uL	99
16) Pyrene	7.419	202	576908	4.79	ng/uL	99
18) Benzo[a]anthracene	8.768	228	444284	4.84	ng/uL	100
19) Chrysene	8.821	228	486060	4.82	ng/uL	100
21) Benzo[b]fluoranthene	10.520	252	400426	5.23	ng/uL	98
22) Benzo[k]fluoranthene	10.570	252	463265	5.19	ng/uL	98
23) Benzo[a]pyrene	11.164	252	375032	5.30	ng/uL	98
24) Indeno(1,2,3-c,d)pyrene	13.761	276	260008	5.06	ng/uL	96
25) Dibenzo[a,h]anthracene	13.816	278	320873	5.17	ng/uL	98
26) Benzo[g,h,i]perylene	14.330	276	355370	5.16	ng/uL	97

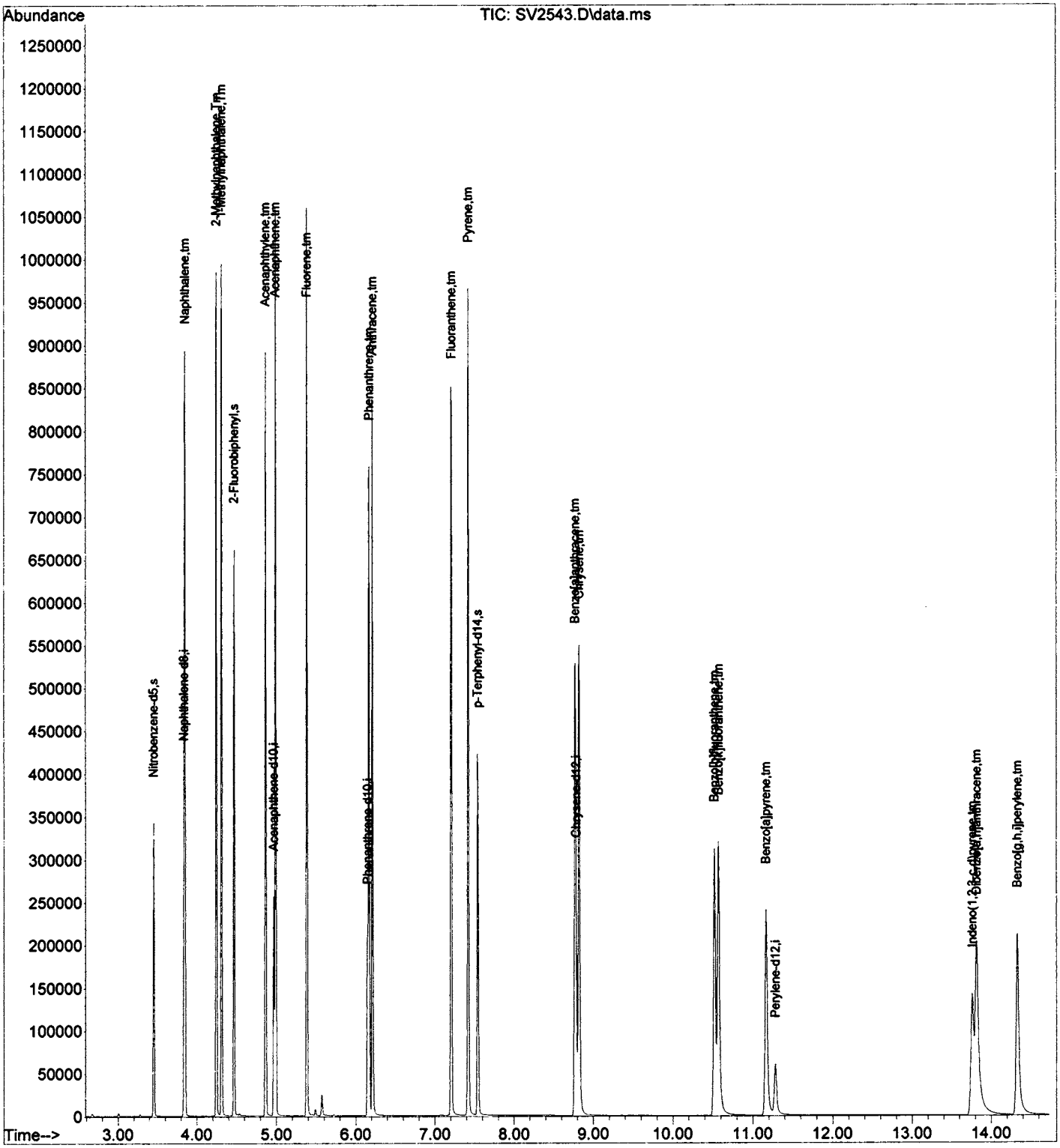
(#) = qualifier out of range (m) = manual integration (+) = signals summed

m 02/28/22

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2543.D
Acq On : 27 Feb 2022 11:47 am
Operator : TK HPSV4 sn #: CV11451177
Sample : 5PPM_SIMPAH_ICV
Misc :
ALS Vial : 12 Sample Multiplier: 1

DataAcq Meth:022722SP.M
Quant Method : C:\msdchem\1\methods\022722SP.M
Quant Title : SW8270D Selected Ion Monitoring (SIM PAH)
QLast Update : Sun Feb 27 21:26:28 2022
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2545.D
Acq On : 27 Feb 2022 12:23 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 1PPM_8270_ICAL
Misc :
ALS Vial : 13 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Mon Feb 28 01:17:10 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.128	152	424222	40.00	ng/uL	0.00
24) Naphthalene-d8	3.769	136	1689815	40.00	ng/uL	0.00
38) Acenaphthene-d10	4.904	164	923172	40.00	ng/uL	0.00
67) Phenanthrene-d10	6.098	188	1611979	40.00	ng/uL	0.00
76) Chrysene-d12	8.728	240	1313034	40.00	ng/uL	0.00
87) Perylene-d12	11.204	264	1139600	40.00	ng/uL	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	2.581	112	13306	0.89	ng/uL	0.00
Spiked Amount 75.000	Range 10 - 120		Recovery =	1.19%#		
6) Phenol-d5	2.928	99	17635	0.88	ng/uL	0.00
Spiked Amount 75.000	Range 39 - 120		Recovery =	1.17%#		
10) 2-Chlorophenol-d4	3.028	132	12327	0.88	ng/uL	0.00
Spiked Amount 75.000	Range 30 - 120		Recovery =	1.17%#		
14) 1,2-Dichlorobenzene-d4	3.205	150	17496	1.01	ng/uL	0.00
Spiked Amount 75.000	Range 16 - 120		Recovery =	1.35%#		
23) Nitrobenzene-d5	3.381	82	17426	0.88	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery =	1.76%#		
42) 2-Fluorobiphenyl	4.404	172	28664	0.94	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery =	1.88%#		
68) 2,4,6-Tribromophenol	5.516	330	1977	0.53	ng/uL	0.00
Spiked Amount 75.000	Range 27 - 134		Recovery =	0.71%#		
85) p-Terphenyl-d14	7.493	244	27832	0.85	ng/uL	0.00
Spiked Amount 50.000	Range 29 - 126		Recovery =	1.70%#		
Target Compounds						Qvalue
2) 1,4-Dioxane	2.099	58	5620	1.07	ng/uL#	94
3) n-Nitrosodimethylamine	2.169	74	11463	0.96	ng/uL#	80
4) Pyridine	2.199	79	19039	0.95	ng/uL	98
7) Phenol	2.934	94	19407	0.88	ng/uL	96
8) Aniline	2.981	93	42646	0.94	ng/uL	99
9) Bis(2-chloroethyl)ether	2.981	63	14551	0.99	ng/uL	91
11) 2-Chlorophenol	3.034	128	12696	0.86	ng/uL	95
12) 1,3-Dichlorobenzene	3.105	146	16259	0.99	ng/uL	98
13) 1,4-Dichlorobenzene	3.134	146	16358	0.99	ng/uL#	1
15) Benzyl alcohol	3.169	79	11582	0.81	ng/uL	96
16) 1,2-Dichlorobenzene	3.210	146	15508	0.99	ng/uL	98
17) 2-Methylphenol	3.210	108	13325	0.87	ng/uL	94
18) Bis(2-chloroisopropyl)...	3.222	45	21866	1.03	ng/uL	94
19) 3+4-Methylphenol	3.275	107	13702	0.82	ng/uL	98
20) n-Nitroso-di-n-propyla...	3.287	70	11763	0.92	ng/uL	95
21) Hexachloroethane	3.375	117	6152	0.93	ng/uL	98
22) Nitrobenzene	3.393	123	6504	0.84	ng/uL	89
25) Isophorone	3.499	82	32320	0.90	ng/uL	98
26) 2,4-Dimethylphenol	3.540	107	9536	1.40	ng/uL	92
27) 2-Nitrophenol	3.552	139	3482	1.19	ng/uL	86
28) Benzoic acid	3.552	105	1873	1.40	ng/uL#	1
29) Bis(2-chloroethoxy)met...	3.587	93	19902	0.92	ng/uL	98
30) 2,4-dichlorophenol	3.675	162	8316	0.76	ng/uL	97
31) 1,2,4-Trichlorobenzene	3.728	180	12445	0.98	ng/uL	99
32) Naphthalene	3.781	128	47129	1.01	ng/uL	90
33) 4-Chloroaniline	3.787	65	9683	1.34	ng/uL#	43
34) Hexachlorobutadiene	3.840	225	6454	0.95	ng/uL	99

m 02/28/22

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2545.D
Acq On : 27 Feb 2022 12:23 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 1PPM_8270_ICAL
Misc :
ALS Vial : 13 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Mon Feb 28 01:17:10 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-chloro-3-methylphenol	4.046	107	9929	0.75	ng/uL	96
36) 2-Methylnaphthalene	4.181	142	27801	0.95	ng/uL	98
37) 1-Methylnaphthalene	4.246	142	25226	0.93	ng/uL	99
39) Hexachlorocyclopentadiene	4.287	237	3739	1.21	ng/uL	100
40) 2,4,6-Trichlorophenol	4.352	196	4780	1.16	ng/uL	99
41) 2,4,5-Trichlorophenol	4.381	196	5693	1.06	ng/uL	97
43) 2-Chloronaphthalene	4.504	162	24437	0.92	ng/uL	97
44) 2-Nitroaniline	4.557	138	4149	1.21	ng/uL	92
45) 1,4-Dinitrobenzene	4.634	168	1425	1.31	ng/uL#	77
46) Dimethylphthalate	4.657	163	26504	0.89	ng/uL	98
47) 1,3-Dinitrobenzene	4.693	168	1918	2.22	ng/uL#	74
48) 2,6-Dinitrotoluene	4.710	165	3834	1.68	ng/uL	91
49) 1,2-Dinitrobenzene	4.763	168	1507	2.05	ng/uL#	63
50) Acenaphthylene	4.804	152	39139	0.88	ng/uL	99
51) 3-Nitroaniline	4.846	92	6099	1.12	ng/uL	96
52) 2,4-Dinitrophenol	4.916	184	369	3.23	ng/uL#	1
53) Acenaphthene	4.928	153	26700	0.93	ng/uL	95
54) 4-Nitrophenol	4.940	65	3164	0.54	ng/uL	88
55) 2,4-Dinitrotoluene	5.016	165	3612	1.21	ng/uL	83
56) Dibenzofuran	5.051	168	35531	0.94	ng/uL	97
57) 2,3,5,6-Tetrachlorophenol	5.110	232	2655	1.20	ng/uL	98
58) 2,3,4,6-Tetrachlorophenol	5.140	232	3598	1.10	ng/uL	98
59) Diethylphthalate	5.187	149	24995	0.83	ng/uL	99
60) 4-Chlorophenyl phenyl ...	5.299	204	12037	0.88	ng/uL	96
61) 4-Nitroaniline	5.310	138	4150	1.18	ng/uL#	77
62) Fluorene	5.322	166	27284	0.90	ng/uL	100
63) 4,6-Dinitro-2-methylph...	5.340	198	536	3.92	ng/uL#	1
64) n-Nitrosodiphenylamine	5.387	169	21517	0.84	ng/uL	100
65) Azobenzene	5.428	77	35408	0.89	ng/uL	98
66) 4-Bromophenyl phenyl e...	5.699	248	6737	0.87	ng/uL	100
69) Hexachlorobenzene	5.781	284	8493	0.94	ng/uL	97
70) Pentachlorophenol	5.934	266	1076	2.92	ng/uL#	91
71) Phenanthrene	6.116	178	42178	0.96	ng/uL	98
72) Anthracene	6.157	178	38220	0.87	ng/uL	99
73) Carbazole	6.281	167	32691	0.81	ng/uL	97
74) Di-n-butylphthalate	6.551	149	29164	0.60	ng/uL	97
75) Fluoranthene	7.151	202	36945	0.84	ng/uL	98
77) Benzidine	7.245	184	7689	2.61	ng/uL	94
78) Pyrene	7.369	202	37872	0.87	ng/uL	99
79) Butylbenzylphthalate	7.981	149	4866	3.48	ng/uL	86
80) Bis(2-ethylhexyl) adipate	8.051	129	3636	3.39	ng/uL	98
81) Bis(2-ethylhexyl)phtha...	8.692	149	7378	3.13	ng/uL#	72
82) 3,3'-Dichlorobenzidine	8.651	252	5886	2.30	ng/uL	96
83) Benzo[a]anthracene	8.710	228	39331	0.93	ng/uL	97
84) Chrysene	8.757	228	34362	0.88	ng/uL	98
86) Di-n-octylphthalate	9.698	149	6782	5.56	ng/uL#	87
88) Benzo[b]fluoranthene	10.439	252	22790	1.18	ng/uL	99
89) Benzo[k]fluoranthene	10.486	252	27244	0.80	ng/uL	98
90) Benzo[a]pyrene	11.081	252	18277	1.19	ng/uL	97
91) Dibenzo[a,h]anthracene	13.704	278	16617	1.16	ng/uL	96
92) Indeno(1,2,3-cd)pyrene	13.651	276	12270	1.28	ng/uL#	96
93) Benzo[g,h,i]perylene	14.245	276	18604	1.14	ng/uL	95

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2545.D
Acq On : 27 Feb 2022 12:23 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 1PPM_8270_ICAL
Misc :
ALS Vial : 13 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Mon Feb 28 01:17:10 2022
Response via : Initial Calibration

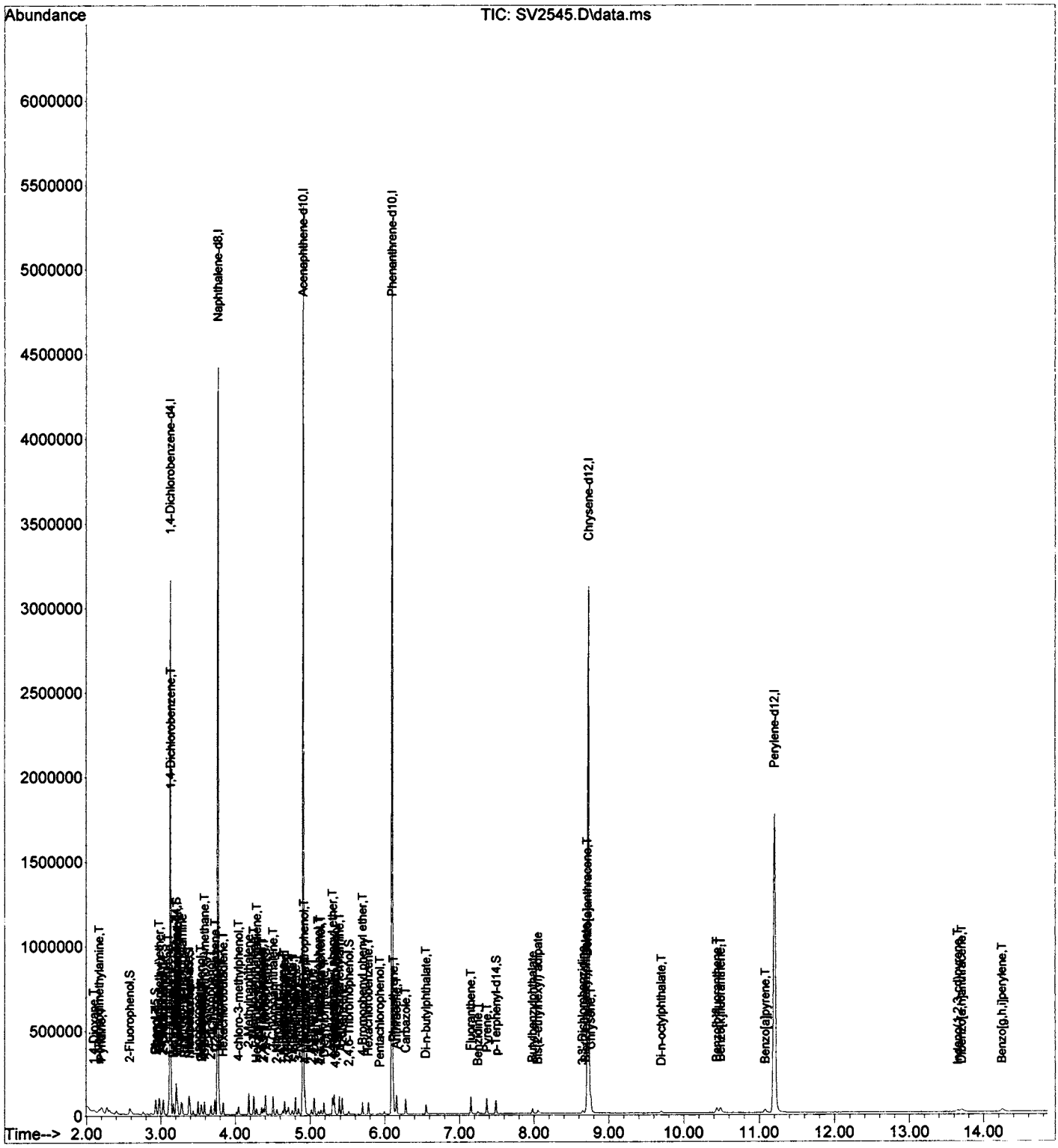
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2545.D
Acq On : 27 Feb 2022 12:23 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 1PPM_8270_ICAL
Misc :
ALS Vial : 13 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Mon Feb 28 01:17:10 2022
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2546.D
Acq On : 27 Feb 2022 12:41 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 5PPM_8270_ICAL
Misc :
ALS Vial : 14 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Mon Feb 28 01:17:10 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.128	152	332035	40.00	ng/uL	0.00
24) Naphthalene-d8	3.769	136	1320587	40.00	ng/uL	0.00
38) Acenaphthene-d10	4.904	164	720968	40.00	ng/uL	0.00
67) Phenanthrene-d10	6.098	188	1242762	40.00	ng/uL	0.00
76) Chrysene-d12	8.727	240	1051885	40.00	ng/uL	0.00
87) Perylene-d12	11.204	264	998747	40.00	ng/uL	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	2.587	112	56374	4.80	ng/uL	0.00
Spiked Amount 75.000	Range 10 - 120		Recovery =	6.40%#		
6) Phenol-d5	2.928	99	75599	4.84	ng/uL	0.00
Spiked Amount 75.000	Range 39 - 120		Recovery =	6.45%#		
10) 2-Chlorophenol-d4	3.028	132	52402	4.76	ng/uL	0.00
Spiked Amount 75.000	Range 30 - 120		Recovery =	6.35%#		
14) 1,2-Dichlorobenzene-d4	3.204	150	66695	4.93	ng/uL	0.00
Spiked Amount 75.000	Range 16 - 120		Recovery =	6.57%#		
23) Nitrobenzene-d5	3.381	82	72803	4.71	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery =	9.42%#		
42) 2-Fluorobiphenyl	4.404	172	116039	4.88	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery =	9.76%#		
68) 2,4,6-Tribromophenol	5.516	330	12072	4.18	ng/uL	0.00
Spiked Amount 75.000	Range 27 - 134		Recovery =	5.57%#		
85) p-Terphenyl-d14	7.486	244	124530	4.73	ng/uL	0.00
Spiked Amount 50.000	Range 29 - 126		Recovery =	9.46%#		
Target Compounds						Qvalue
2) 1,4-Dioxane	2.104	58	20627	5.01	ng/uL	98
3) n-Nitrosodimethylamine	2.169	74	45977	4.94	ng/uL	93
4) Pyridine	2.198	79	76683	4.91	ng/uL	99
7) Phenol	2.934	94	82700	4.79	ng/uL	98
8) Aniline	2.981	93	172574	4.87	ng/uL	99
9) Bis(2-chloroethyl)ether	2.981	63	56736	4.91	ng/uL	97
11) 2-Chlorophenol	3.034	128	54970	4.78	ng/uL	99
12) 1,3-Dichlorobenzene	3.104	146	63493	4.92	ng/uL	98
13) 1,4-Dichlorobenzene	3.134	146	63786	4.93	ng/uL#	69
15) Benzyl alcohol	3.169	79	51423	4.61	ng/uL	99
16) 1,2-Dichlorobenzene	3.210	146	60389	4.94	ng/uL	99
17) 2-Methylphenol	3.210	108	57658	4.81	ng/uL	98
18) Bis(2-chloroisopropyl)...	3.222	45	84710	5.10	ng/uL	96
19) 3+4-Methylphenol	3.275	107	61020	4.66	ng/uL	99
20) n-Nitroso-di-n-propyla...	3.287	70	49157	4.90	ng/uL	97
21) Hexachloroethane	3.375	117	24027	4.66	ng/uL	98
22) Nitrobenzene	3.393	123	28062	4.62	ng/uL	91
25) Isophorone	3.498	82	136602	4.89	ng/uL	99
26) 2,4-Dimethylphenol	3.540	107	55356	5.07	ng/uL	90
27) 2-Nitrophenol	3.551	139	17806	4.44	ng/uL#	83
28) Benzoic acid	3.557	105	14218	4.24	ng/uL#	1
29) Bis(2-chloroethoxy)met...	3.587	93	81643	4.85	ng/uL	99
30) 2,4-dichlorophenol	3.675	162	39488	4.60	ng/uL	99
31) 1,2,4-Trichlorobenzene	3.728	180	47748	4.82	ng/uL	99
32) Naphthalene	3.781	128	182938	5.01	ng/uL	96
33) 4-Chloroaniline	3.787	65	28463	5.02	ng/uL	83
34) Hexachlorobutadiene	3.840	225	25684	4.84	ng/uL	99

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2546.D
Acq On : 27 Feb 2022 12:41 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 5PPM_8270_ICAL
Misc :
ALS Vial : 14 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Mon Feb 28 01:17:10 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-chloro-3-methylphenol	4.045	107	46966	4.56	ng/uL	99
36) 2-Methylnaphthalene	4.181	142	111819	4.88	ng/uL	99
37) 1-Methylnaphthalene	4.245	142	105924	5.01	ng/uL	98
39) Hexachlorocyclopentadiene	4.287	237	17588	4.44	ng/uL	100
40) 2,4,6-Trichlorophenol	4.351	196	24321	4.48	ng/uL	99
41) 2,4,5-Trichlorophenol	4.381	196	28600	4.92	ng/uL	99
43) 2-Chloronaphthalene	4.504	162	99101	4.78	ng/uL	98
44) 2-Nitroaniline	4.557	138	23000	4.40	ng/uL	96
45) 1,4-Dinitrobenzene	4.634	168	8279	4.14	ng/uL	89
46) Dimethylphthalate	4.657	163	110080	4.74	ng/uL	100
47) 1,3-Dinitrobenzene	4.692	168	11814	5.05	ng/uL	86
48) 2,6-Dinitrotoluene	4.710	165	21218	5.09	ng/uL	98
49) 1,2-Dinitrobenzene	4.763	168	9100	5.18	ng/uL	90
50) Acenaphthylene	4.804	152	166104	4.80	ng/uL	98
51) 3-Nitroaniline	4.845	92	33375	4.67	ng/uL	97
52) 2,4-Dinitrophenol	4.916	184	2898	5.71	ng/uL#	9
53) Acenaphthene	4.928	153	107670	4.81	ng/uL	99
54) 4-Nitrophenol	4.939	65	17222	3.71	ng/uL	99
55) 2,4-Dinitrotoluene	5.016	165	22643	4.38	ng/uL	92
56) Dibenzofuran	5.057	168	142655	4.84	ng/uL	98
57) 2,3,5,6-Tetrachlorophenol	5.110	232	16607	4.44	ng/uL	99
58) 2,3,4,6-Tetrachlorophenol	5.145	232	21557	4.79	ng/uL	97
59) Diethylphthalate	5.187	149	110000	4.66	ng/uL	98
60) 4-Chlorophenyl phenyl ...	5.298	204	50002	4.68	ng/uL	99
61) 4-Nitroaniline	5.310	138	24152	4.52	ng/uL	89
62) Fluorene	5.322	166	112783	4.75	ng/uL	99
63) 4,6-Dinitro-2-methylph...	5.339	198	4139	5.75	ng/uL#	1
64) n-Nitrosodiphenylamine	5.387	169	93528	4.70	ng/uL	99
65) Azobenzene	5.428	77	149409	4.82	ng/uL	98
66) 4-Bromophenyl phenyl e...	5.698	248	27968	4.61	ng/uL	98
69) Hexachlorobenzene	5.781	284	32926	4.74	ng/uL	99
70) Pentachlorophenol	5.934	266	9861	5.33	ng/uL	99
71) Phenanthrene	6.116	178	162086	4.79	ng/uL	99
72) Anthracene	6.157	178	159377	4.72	ng/uL	99
73) Carbazole	6.281	167	147329	4.75	ng/uL	97
74) Di-n-butylphthalate	6.551	149	150488	3.99	ng/uL	98
75) Fluoranthene	7.151	202	155276	4.58	ng/uL	98
77) Benzidine	7.251	184	59391	5.31	ng/uL	98
78) Pyrene	7.369	202	163706	4.70	ng/uL	98
79) Butylbenzylphthalate	7.980	149	38511	5.63	ng/uL	96
80) Bis(2-ethylhexyl) adipate	8.057	129	33074	5.57	ng/uL	98
81) Bis(2-ethylhexyl)phtha...	8.698	149	60722	5.53	ng/uL	94
82) 3,3'-Dichlorobenzidine	8.651	252	39421	5.22	ng/uL	100
83) Benzo[a]anthracene	8.710	228	157091	4.63	ng/uL	99
84) Chrysene	8.757	228	148748	4.78	ng/uL	99
86) Di-n-octylphthalate	9.704	149	53840	7.04	ng/uL	95
88) Benzo[b]fluoranthene	10.439	252	117279	4.47	ng/uL	99
89) Benzo[k]fluoranthene	10.486	252	133048	4.43	ng/uL	99
90) Benzo[a]pyrene	11.080	252	98389	4.46	ng/uL	100
91) Dibenzo[a,h]anthracene	13.710	278	100299	4.50	ng/uL	98
92) Indeno(1,2,3-cd)pyrene	13.651	276	80572	4.22	ng/uL#	99
93) Benzo[g,h,i]perylene	14.251	276	108081	4.57	ng/uL	99

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2546.D
Acq On : 27 Feb 2022 12:41 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 5PPM_8270_ICAL
Misc :
ALS Vial : 14 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Mon Feb 28 01:17:10 2022
Response via : Initial Calibration

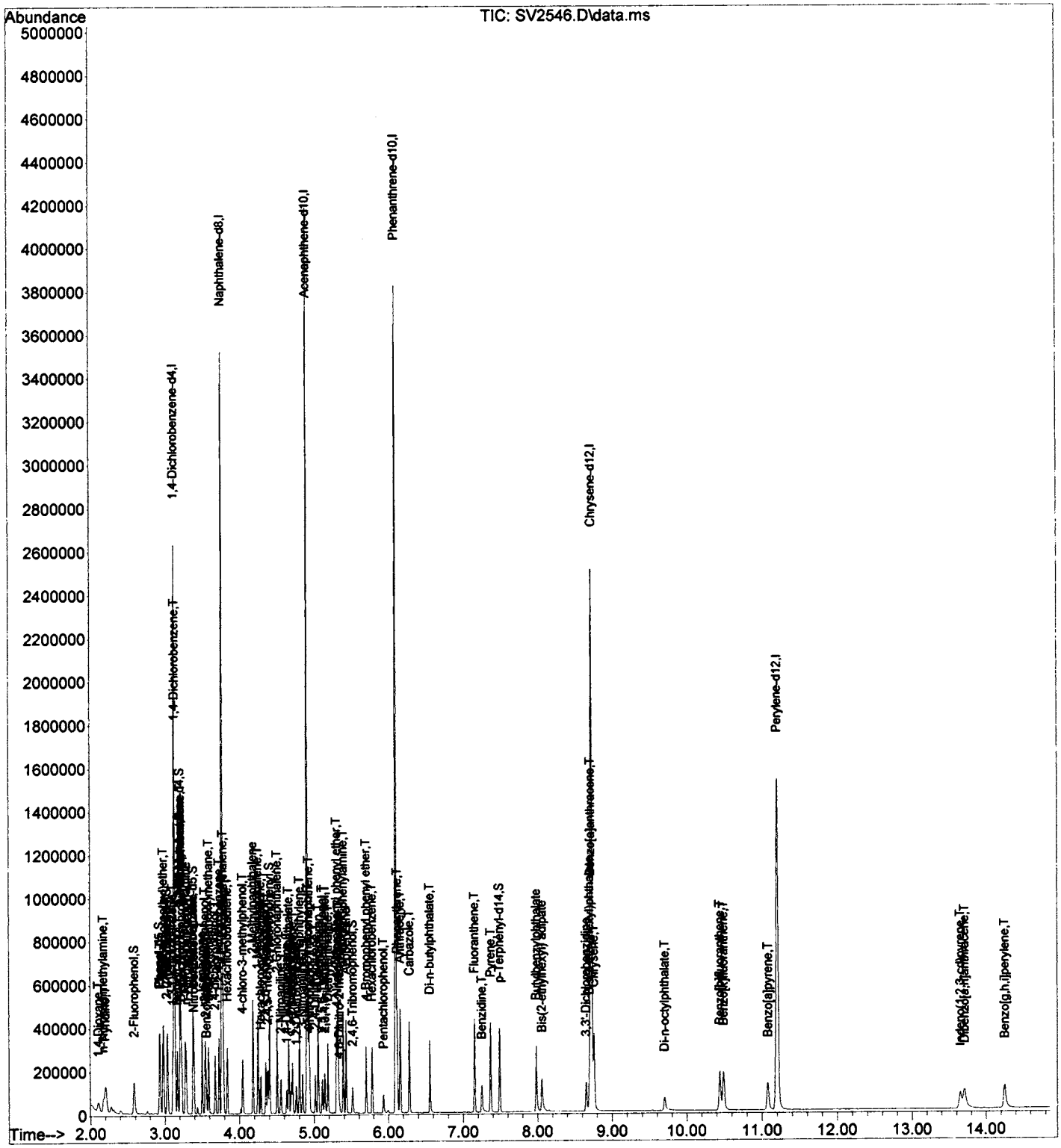
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2546.D
Acq On : 27 Feb 2022 12:41 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 5PPM_8270_ICAL
Misc :
ALS Vial : 14 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Mon Feb 28 01:17:10 2022
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2547.D
Acq On : 27 Feb 2022 12:58 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 10PPM_8270_ICAL
Misc :
ALS Vial : 15 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Mon Feb 28 01:17:10 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.128	152	289590	40.00	ng/uL	0.00
24) Naphthalene-d8	3.769	136	1154397	40.00	ng/uL	0.00
38) Acenaphthene-d10	4.904	164	605980	40.00	ng/uL	0.00
67) Phenanthrene-d10	6.098	188	1030055	40.00	ng/uL	0.00
76) Chrysene-d12	8.728	240	872411	40.00	ng/uL	0.00
87) Perylene-d12	11.204	264	817968	40.00	ng/uL	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	2.587	112	99622	9.73	ng/uL	0.00
Spiked Amount 75.000	Range 10 - 120		Recovery = 12.97%			
6) Phenol-d5	2.928	99	133235	9.78	ng/uL	0.00
Spiked Amount 75.000	Range 39 - 120		Recovery = 13.04%#			
10) 2-Chlorophenol-d4	3.028	132	93661	9.76	ng/uL	0.00
Spiked Amount 75.000	Range 30 - 120		Recovery = 13.01%#			
14) 1,2-Dichlorobenzene-d4	3.204	150	117195	9.94	ng/uL	0.00
Spiked Amount 75.000	Range 16 - 120		Recovery = 13.25%#			
23) Nitrobenzene-d5	3.381	82	129598	9.62	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery = 19.24%#			
42) 2-Fluorobiphenyl	4.404	172	195590	9.79	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery = 19.58%#			
68) 2,4,6-Tribromophenol	5.516	330	21402	8.83	ng/uL	0.00
Spiked Amount 75.000	Range 27 - 134		Recovery = 11.77%#			
85) p-Terphenyl-d14	7.492	244	209806	9.61	ng/uL	0.00
Spiked Amount 50.000	Range 29 - 126		Recovery = 19.22%#			
Target Compounds						Qvalue
2) 1,4-Dioxane	2.104	58	35521	9.89	ng/uL	99
3) n-Nitrosodimethylamine	2.175	74	79122	9.74	ng/uL	96
4) Pyridine	2.204	79	134984	9.92	ng/uL	99
7) Phenol	2.934	94	146368	9.73	ng/uL	99
8) Aniline	2.981	93	303842	9.83	ng/uL	99
9) Bis(2-chloroethyl)ether	2.981	63	99200	9.85	ng/uL	98
11) 2-Chlorophenol	3.034	128	97476	9.72	ng/uL	98
12) 1,3-Dichlorobenzene	3.110	146	111199	9.87	ng/uL	99
13) 1,4-Dichlorobenzene	3.134	146	112196	9.95	ng/uL#	85
15) Benzyl alcohol	3.169	79	93436	9.60	ng/uL	99
16) 1,2-Dichlorobenzene	3.210	146	106571	9.99	ng/uL	98
17) 2-Methylphenol	3.210	108	102752	9.82	ng/uL	98
18) Bis(2-chloroisopropyl)...	3.228	45	144536	9.98	ng/uL	97
19) 3+4-Methylphenol	3.275	107	110862	9.71	ng/uL	98
20) n-Nitroso-di-n-propyla...	3.287	70	84968	9.72	ng/uL	97
21) Hexachloroethane	3.375	117	42539	9.46	ng/uL	98
22) Nitrobenzene	3.393	123	50397	9.52	ng/uL	92
25) Isophorone	3.504	82	234919	9.63	ng/uL	99
26) 2,4-Dimethylphenol	3.546	107	100462	9.61	ng/uL	88
27) 2-Nitrophenol	3.551	139	34855	9.09	ng/uL	89
28) Benzoic acid	3.563	105	27636	7.88	ng/uL#	1
29) Bis(2-chloroethoxy)met...	3.587	93	140330	9.53	ng/uL	99
30) 2,4-dichlorophenol	3.675	162	71809	9.57	ng/uL	99
31) 1,2,4-Trichlorobenzene	3.728	180	83125	9.59	ng/uL	99
32) Naphthalene	3.781	128	316186	9.90	ng/uL	96
33) 4-Chloroaniline	3.787	65	46834	9.46	ng/uL	89
34) Hexachlorobutadiene	3.840	225	44844	9.67	ng/uL	99

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2547.D
Acq On : 27 Feb 2022 12:58 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 10PPM_8270_ICAL
Misc :
ALS Vial : 15 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Mon Feb 28 01:17:10 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-chloro-3-methylphenol	4.045	107	83549	9.28	ng/uL	99
36) 2-Methylnaphthalene	4.181	142	193423	9.66	ng/uL	99
37) 1-Methylnaphthalene	4.251	142	180067	9.73	ng/uL	98
39) Hexachlorocyclopentadiene	4.287	237	33034	9.07	ng/uL	99
40) 2,4,6-Trichlorophenol	4.351	196	47288	9.57	ng/uL	97
41) 2,4,5-Trichlorophenol	4.381	196	47384	9.31	ng/uL	97
43) 2-Chloronaphthalene	4.504	162	169334	9.71	ng/uL	98
44) 2-Nitroaniline	4.557	138	42897	8.83	ng/uL	96
45) 1,4-Dinitrobenzene	4.634	168	16283	8.40	ng/uL	91
46) Dimethylphthalate	4.663	163	183465	9.40	ng/uL	99
47) 1,3-Dinitrobenzene	4.693	168	22447	9.10	ng/uL	89
48) 2,6-Dinitrotoluene	4.710	165	37895	9.53	ng/uL	99
49) 1,2-Dinitrobenzene	4.763	168	16447	9.30	ng/uL	88
50) Acenaphthylene	4.804	152	281014	9.66	ng/uL	99
51) 3-Nitroaniline	4.845	92	59617	9.29	ng/uL	99
52) 2,4-Dinitrophenol	4.922	184	5694	9.11	ng/uL#	58
53) Acenaphthene	4.928	153	182861	9.71	ng/uL	97
54) 4-Nitrophenol	4.940	65	33959	8.55	ng/uL	99
55) 2,4-Dinitrotoluene	5.016	165	43196	8.92	ng/uL	95
56) Dibenzofuran	5.057	168	238778	9.64	ng/uL	97
57) 2,3,5,6-Tetrachlorophenol	5.110	232	31097	8.88	ng/uL	99
58) 2,3,4,6-Tetrachlorophenol	5.145	232	37990	9.39	ng/uL	97
59) Diethylphthalate	5.187	149	186913	9.41	ng/uL	99
60) 4-Chlorophenyl phenyl ...	5.298	204	84938	9.45	ng/uL	98
61) 4-Nitroaniline	5.316	138	44703	9.08	ng/uL	95
62) Fluorene	5.322	166	190165	9.53	ng/uL	100
63) 4,6-Dinitro-2-methylph...	5.340	198	9351	9.08	ng/uL#	1
64) n-Nitrosodiphenylamine	5.387	169	156358	9.35	ng/uL	99
65) Azobenzene	5.428	77	249041	9.56	ng/uL	99
66) 4-Bromophenyl phenyl e...	5.698	248	47028	9.21	ng/uL	98
69) Hexachlorobenzene	5.781	284	55321	9.60	ng/uL	99
70) Pentachlorophenol	5.934	266	21298	9.48	ng/uL	99
71) Phenanthrene	6.116	178	266361	9.51	ng/uL	100
72) Anthracene	6.157	178	267737	9.56	ng/uL	99
73) Carbazole	6.281	167	247578	9.63	ng/uL	98
74) Di-n-butylphthalate	6.551	149	272111	8.71	ng/uL	99
75) Fluoranthene	7.157	202	264200	9.39	ng/uL	99
77) Benzidine	7.251	184	118929	9.49	ng/uL	99
78) Pyrene	7.369	202	275966	9.55	ng/uL	99
79) Butylbenzylphthalate	7.981	149	80553	9.23	ng/uL	97
80) Bis(2-ethylhexyl) adipate	8.057	129	70706	9.30	ng/uL	99
81) Bis(2-ethylhexyl)phtha...	8.698	149	123675	9.35	ng/uL	97
82) 3,3'-Dichlorobenzidine	8.657	252	75114	9.47	ng/uL	99
83) Benzo[a]anthracene	8.710	228	269768	9.58	ng/uL	98
84) Chrysene	8.763	228	244813	9.49	ng/uL	99
86) Di-n-octylphthalate	9.704	149	121126	9.83	ng/uL	95
88) Benzo[b]fluoranthene	10.439	252	214837	9.31	ng/uL	98
89) Benzo[k]fluoranthene	10.492	252	226408	9.21	ng/uL	98
90) Benzo[a]pyrene	11.080	252	179170	9.18	ng/uL	99
91) Dibenzo[a,h]anthracene	13.710	278	184513	9.27	ng/uL	98
92) Indeno(1,2,3-cd)pyrene	13.651	276	154758	8.70	ng/uL#	98
93) Benzo[g,h,i]perylene	14.251	276	194143	9.32	ng/uL	98

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2547.D
Acq On : 27 Feb 2022 12:58 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 10PPM_8270_ICAL
Misc :
ALS Vial : 15 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Mon Feb 28 01:17:10 2022
Response via : Initial Calibration

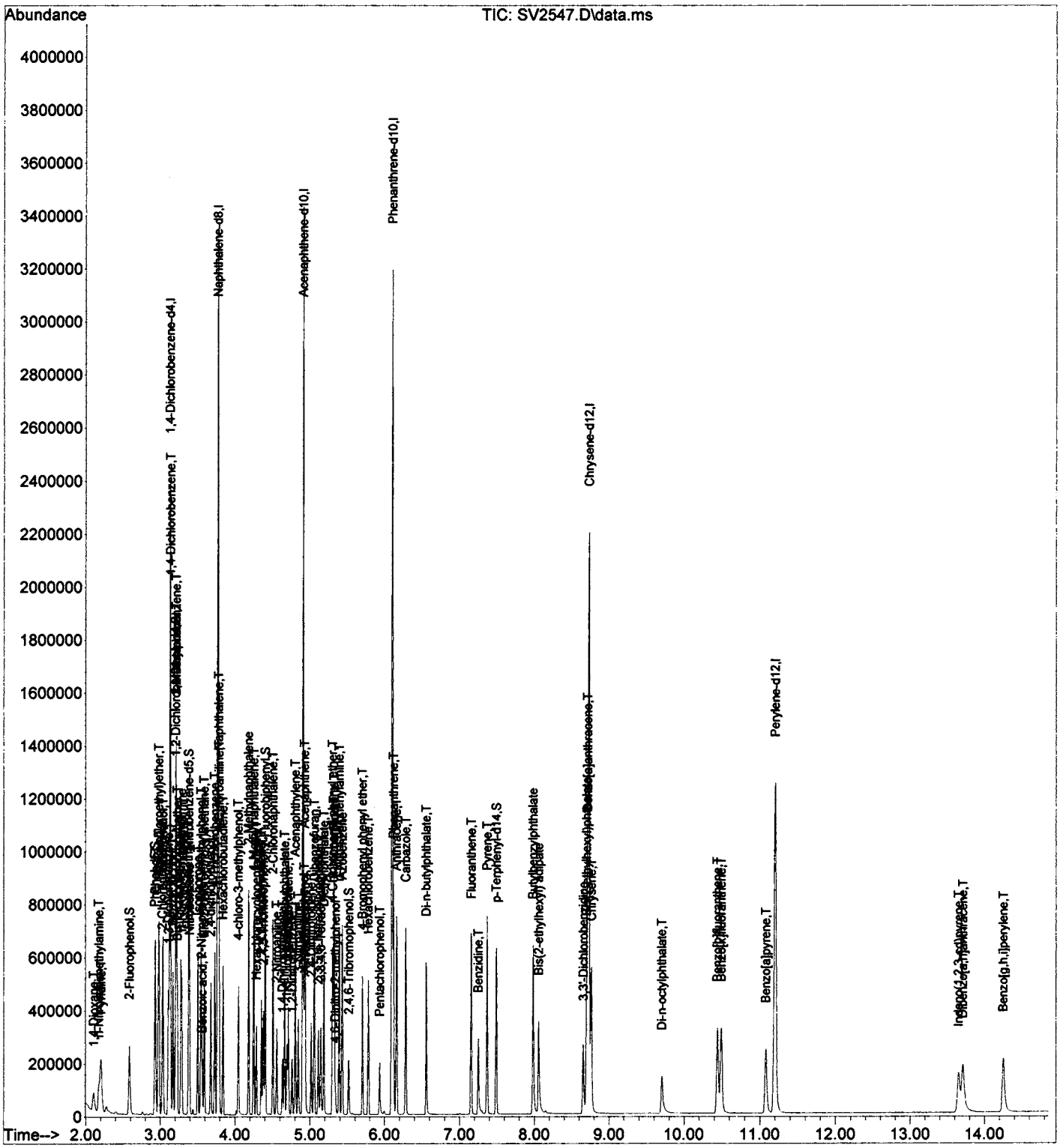
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2547.D
Acq On : 27 Feb 2022 12:58 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 10PPM_8270_ICAL
Misc :
ALS Vial : 15 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Mon Feb 28 01:17:10 2022
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2548.D
Acq On : 27 Feb 2022 1:16 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 20PPM_8270_ICAL
Misc :
ALS Vial : 16 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Mon Feb 28 01:17:10 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.128	152	266196	40.00	ng/uL	0.00
24) Naphthalene-d8	3.769	136	1068144	40.00	ng/uL	0.00
38) Acenaphthene-d10	4.904	164	571782	40.00	ng/uL	0.00
67) Phenanthrene-d10	6.098	188	982583	40.00	ng/uL	0.00
76) Chrysene-d12	8.728	240	844117	40.00	ng/uL	0.00
87) Perylene-d12	11.204	264	785551	40.00	ng/uL	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	2.587	112	188822	20.06	ng/uL	0.00
Spiked Amount 75.000	Range 10 - 120		Recovery = 26.75%			
6) Phenol-d5	2.928	99	248347	19.82	ng/uL	0.00
Spiked Amount 75.000	Range 39 - 120		Recovery = 26.43%#			
10) 2-Chlorophenol-d4	3.028	132	176110	19.97	ng/uL	0.00
Spiked Amount 75.000	Range 30 - 120		Recovery = 26.63%#			
14) 1,2-Dichlorobenzene-d4	3.204	150	218232	20.13	ng/uL	0.00
Spiked Amount 75.000	Range 16 - 120		Recovery = 26.84%			
23) Nitrobenzene-d5	3.381	82	249448	20.15	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery = 40.30%#			
42) 2-Fluorobiphenyl	4.404	172	373231	19.81	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery = 39.62%#			
68) 2,4,6-Tribromophenol	5.516	330	46600	19.64	ng/uL	0.00
Spiked Amount 75.000	Range 27 - 134		Recovery = 26.19%#			
85) p-Terphenyl-d14	7.492	244	419586	19.86	ng/uL	0.00
Spiked Amount 50.000	Range 29 - 126		Recovery = 39.72%			
Target Compounds						Qvalue
2) 1,4-Dioxane	2.105	58	65268	19.77	ng/uL	99
3) n-Nitrosodimethylamine	2.175	74	148063	19.83	ng/uL	98
4) Pyridine	2.205	79	245792	19.65	ng/uL	99
7) Phenol	2.934	94	273688	19.79	ng/uL	99
8) Aniline	2.981	93	566590	19.95	ng/uL	100
9) Bis(2-chloroethyl)ether	2.981	63	184761	19.96	ng/uL	98
11) 2-Chlorophenol	3.040	128	182909	19.85	ng/uL	99
12) 1,3-Dichlorobenzene	3.110	146	205840	19.88	ng/uL	100
13) 1,4-Dichlorobenzene	3.134	146	205567	19.83	ng/uL#	93
15) Benzyl alcohol	3.169	79	178728	19.97	ng/uL	99
16) 1,2-Dichlorobenzene	3.210	146	198318	20.22	ng/uL	99
17) 2-Methylphenol	3.210	108	197057	20.49	ng/uL	99
18) Bis(2-chloroisopropyl)...	3.228	45	268875	20.20	ng/uL	98
19) 3+4-Methylphenol	3.275	107	210744	20.09	ng/uL	100
20) n-Nitroso-di-n-propyla...	3.287	70	161632	20.11	ng/uL	97
21) Hexachloroethane	3.375	117	81220	19.65	ng/uL	99
22) Nitrobenzene	3.393	123	97324	20.00	ng/uL	96
25) Isophorone	3.499	82	451616	20.00	ng/uL	99
26) 2,4-Dimethylphenol	3.546	107	194730	19.14	ng/uL	81
27) 2-Nitrophenol	3.551	139	73152	19.29	ng/uL	89
28) Benzoic acid	3.569	105	74911	19.02	ng/uL#	53
29) Bis(2-chloroethoxy)met...	3.587	93	267260	19.62	ng/uL	99
30) 2,4-dichlorophenol	3.675	162	138095	19.90	ng/uL	99
31) 1,2,4-Trichlorobenzene	3.728	180	156839	19.56	ng/uL	99
32) Naphthalene	3.781	128	589182	19.95	ng/uL	97
33) 4-Chloroaniline	3.787	65	86008	18.77	ng/uL	94
34) Hexachlorobutadiene	3.840	225	83209	19.40	ng/uL	100

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2548.D
Acq On : 27 Feb 2022 1:16 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 20PPM_8270_ICAL
Misc :
ALS Vial : 16 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Mon Feb 28 01:17:10 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-chloro-3-methylphenol	4.046	107	163809	19.67	ng/uL	99
36) 2-Methylnaphthalene	4.181	142	367005	19.80	ng/uL	99
37) 1-Methylnaphthalene	4.246	142	336137	19.64	ng/uL	99
39) Hexachlorocyclopentadiene	4.287	237	69395	18.78	ng/uL	99
40) 2,4,6-Trichlorophenol	4.351	196	91048	18.69	ng/uL	99
41) 2,4,5-Trichlorophenol	4.381	196	101406	20.35	ng/uL	99
43) 2-Chloronaphthalene	4.504	162	319748	19.43	ng/uL	99
44) 2-Nitroaniline	4.557	138	95885	19.51	ng/uL	98
45) 1,4-Dinitrobenzene	4.634	168	39188	19.26	ng/uL	97
46) Dimethylphthalate	4.663	163	360142	19.56	ng/uL	98
47) 1,3-Dinitrobenzene	4.693	168	50703	19.01	ng/uL	95
48) 2,6-Dinitrotoluene	4.710	165	77975	19.30	ng/uL	99
49) 1,2-Dinitrobenzene	4.763	168	35546	19.11	ng/uL	95
50) Acenaphthylene	4.804	152	547946	19.96	ng/uL	98
51) 3-Nitroaniline	4.846	92	124256	19.60	ng/uL	99
52) 2,4-Dinitrophenol	4.922	184	15492	18.64	ng/uL#	78
53) Acenaphthene	4.928	153	346587	19.51	ng/uL	99
54) 4-Nitrophenol	4.940	65	76251	19.60	ng/uL	98
55) 2,4-Dinitrotoluene	5.016	165	95904	19.55	ng/uL	98
56) Dibenzofuran	5.057	168	460755	19.72	ng/uL	98
57) 2,3,5,6-Tetrachlorophenol	5.110	232	69186	19.44	ng/uL	100
58) 2,3,4,6-Tetrachlorophenol	5.146	232	78209	19.54	ng/uL	99
59) Diethylphthalate	5.187	149	368369	19.66	ng/uL	99
60) 4-Chlorophenyl phenyl ...	5.298	204	165445	19.51	ng/uL	98
61) 4-Nitroaniline	5.316	138	94731	19.24	ng/uL	97
62) Fluorene	5.322	166	373185	19.83	ng/uL	100
63) 4,6-Dinitro-2-methylph...	5.340	198	25263	18.21	ng/uL	96
64) n-Nitrosodiphenylamine	5.393	169	308710	19.57	ng/uL	99
65) Azobenzene	5.428	77	489975	19.93	ng/uL	98
66) 4-Bromophenyl phenyl e...	5.698	248	93112	19.33	ng/uL	99
69) Hexachlorobenzene	5.781	284	106536	19.39	ng/uL	99
70) Pentachlorophenol	5.934	266	50828	19.26	ng/uL	99
71) Phenanthrene	6.116	178	521949	19.53	ng/uL	99
72) Anthracene	6.163	178	530990	19.87	ng/uL	99
73) Carbazole	6.281	167	487613	19.87	ng/uL	99
74) Di-n-butylphthalate	6.551	149	566554	19.01	ng/uL	99
75) Fluoranthene	7.157	202	520812	19.41	ng/uL	99
77) Benzidine	7.251	184	287384	19.76	ng/uL	99
78) Pyrene	7.369	202	543517	19.43	ng/uL	99
79) Butylbenzylphthalate	7.981	149	200319	18.41	ng/uL	99
80) Bis(2-ethylhexyl) adipate	8.057	129	175045	18.52	ng/uL	99
81) Bis(2-ethylhexyl)phtha...	8.698	149	296808	18.69	ng/uL	97
82) 3,3'-Dichlorobenzidine	8.657	252	168015	19.12	ng/uL	99
83) Benzo[a]anthracene	8.710	228	528568	19.41	ng/uL	99
84) Chrysene	8.763	228	489647	19.61	ng/uL	99
86) Di-n-octylphthalate	9.704	149	339203	18.00	ng/uL	99
88) Benzo[b]fluoranthene	10.445	252	438890	18.93	ng/uL	99
89) Benzo[k]fluoranthene	10.492	252	467802	19.82	ng/uL	99
90) Benzo[a]pyrene	11.080	252	377512	19.12	ng/uL	100
91) Dibenzo[a,h]anthracene	13.716	278	396575	19.55	ng/uL	99
92) Indeno(1,2,3-cd)pyrene	13.657	276	350331	18.88	ng/uL#	99
93) Benzo[g,h,i]perylene	14.257	276	405018	19.30	ng/uL	99

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2548.D
Acq On : 27 Feb 2022 1:16 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 20PPM_8270_ICAL
Misc :
ALS Vial : 16 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Mon Feb 28 01:17:10 2022
Response via : Initial Calibration

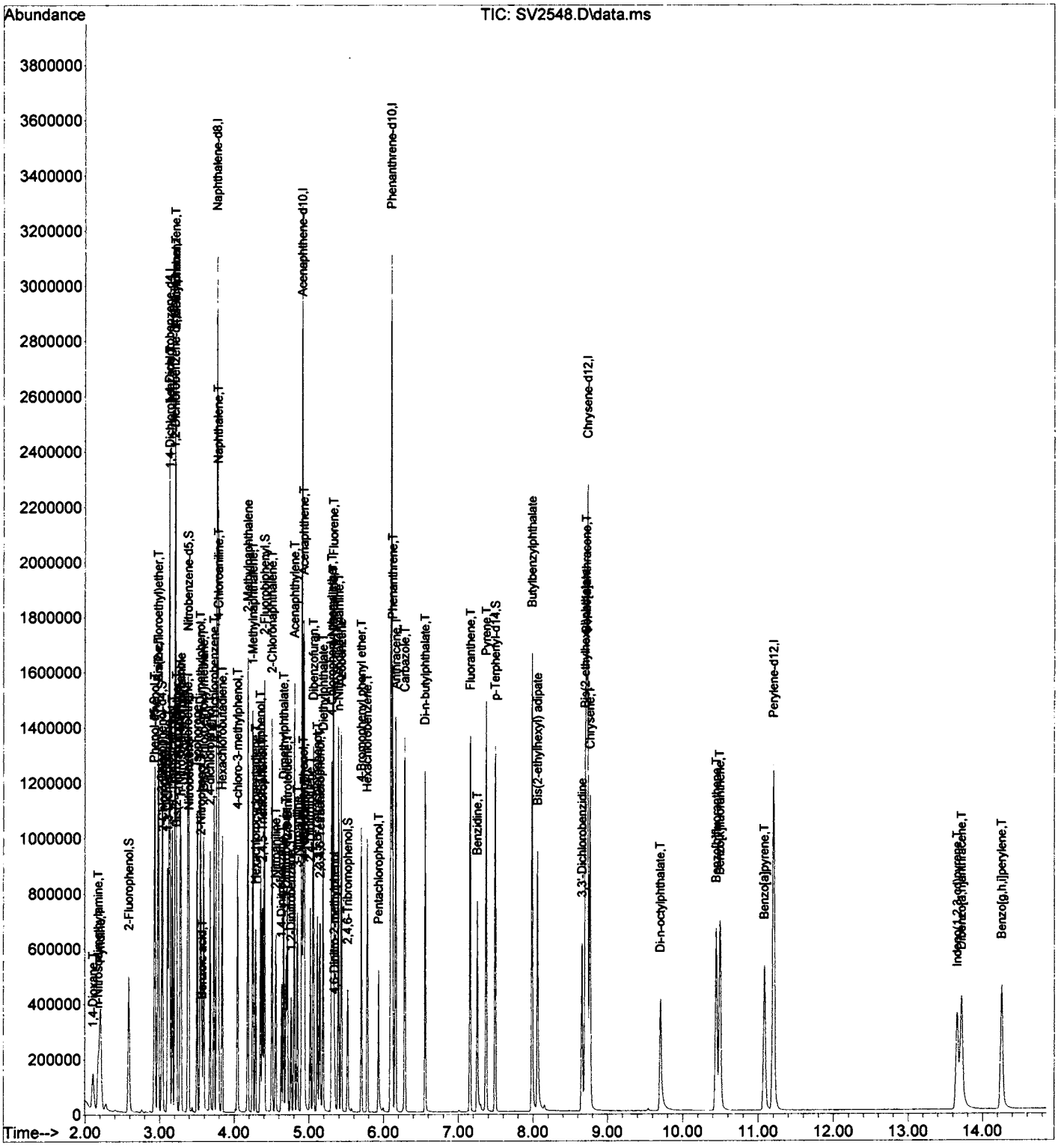
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2548.D
Acq On : 27 Feb 2022 1:16 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 20PPM_8270_ICAL
Misc :
ALS Vial : 16 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Mon Feb 28 01:17:10 2022
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2549.D
Acq On : 27 Feb 2022 1:34 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 40PPM_8270_ICAL
Misc :
ALS Vial : 17 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Mon Feb 28 01:17:10 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.128	152	243562	40.00	ng/uL	0.00
24) Naphthalene-d8	3.769	136	965966	40.00	ng/uL	0.00
38) Acenaphthene-d10	4.904	164	514106	40.00	ng/uL	0.00
67) Phenanthrene-d10	6.098	188	886686	40.00	ng/uL	0.00
76) Chrysene-d12	8.728	240	752873	40.00	ng/uL	0.00
87) Perylene-d12	11.204	264	704761	40.00	ng/uL	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	2.587	112	338716	39.34	ng/uL	0.00
Spiked Amount 75.000	Range 10 - 120		Recovery = 52.45%			
6) Phenol-d5	2.928	99	455228	39.72	ng/uL	0.00
Spiked Amount 75.000	Range 39 - 120		Recovery = 52.96%			
10) 2-Chlorophenol-d4	3.028	132	323424	40.08	ng/uL	0.00
Spiked Amount 75.000	Range 30 - 120		Recovery = 53.44%			
14) 1,2-Dichlorobenzene-d4	3.204	150	399016	40.22	ng/uL	0.00
Spiked Amount 75.000	Range 16 - 120		Recovery = 53.63%			
23) Nitrobenzene-d5	3.381	82	465486	41.09	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery = 82.18%			
42) 2-Fluorobiphenyl	4.404	172	677841	40.01	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery = 80.02%			
68) 2,4,6-Tribromophenol	5.516	330	89031	39.66	ng/uL	0.00
Spiked Amount 75.000	Range 27 - 134		Recovery = 52.88%			
85) p-Terphenyl-d14	7.492	244	768389	40.77	ng/uL	0.00
Spiked Amount 50.000	Range 29 - 126		Recovery = 81.54%			
Target Compounds						Qvalue
2) 1,4-Dioxane	2.105	58	117334	38.85	ng/uL	100
3) n-Nitrosodimethylamine	2.175	74	278903	40.83	ng/uL	99
4) Pyridine	2.205	79	458798	40.08	ng/uL	99
7) Phenol	2.934	94	524454	41.44	ng/uL	99
8) Aniline	2.981	93	1085134	41.76	ng/uL	100
9) Bis(2-chloroethyl)ether	2.981	63	349728	41.28	ng/uL	99
11) 2-Chlorophenol	3.040	128	353173	41.88	ng/uL	100
12) 1,3-Dichlorobenzene	3.110	146	390173	41.19	ng/uL	99
13) 1,4-Dichlorobenzene	3.134	146	388190	40.94	ng/uL	98
15) Benzyl alcohol	3.169	79	348126	42.52	ng/uL	99
16) 1,2-Dichlorobenzene	3.210	146	379614	42.29	ng/uL	99
17) 2-Methylphenol	3.210	108	380062	43.20	ng/uL	100
18) Bis(2-chloroisopropyl)...	3.228	45	501159	41.15	ng/uL	99
19) 3+4-Methylphenol	3.275	107	409601	42.67	ng/uL	99
20) n-Nitroso-di-n-propyla...	3.287	70	306824	41.71	ng/uL	99
21) Hexachloroethane	3.381	117	157028	41.52	ng/uL	99
22) Nitrobenzene	3.393	123	188831	42.42	ng/uL	96
25) Isophorone	3.504	82	851930	41.72	ng/uL	99
26) 2,4-Dimethylphenol	3.546	107	390248	40.94	ng/uL	98
27) 2-Nitrophenol	3.552	139	153449	41.34	ng/uL	93
28) Benzoic acid	3.575	105	172030	39.52	ng/uL	95
29) Bis(2-chloroethoxy)met...	3.587	93	510096	41.40	ng/uL	99
30) 2,4-dichlorophenol	3.675	162	270327	43.07	ng/uL	99
31) 1,2,4-Trichlorobenzene	3.728	180	296129	40.84	ng/uL	99
32) Naphthalene	3.781	128	1103598	41.31	ng/uL	98
33) 4-Chloroaniline	3.787	65	161351	38.93	ng/uL	96
34) Hexachlorobutadiene	3.840	225	158530	40.87	ng/uL	100

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2549.D
Acq On : 27 Feb 2022 1:34 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 40PPM_8270_ICAL
Misc :
ALS Vial : 17 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Mon Feb 28 01:17:10 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-chloro-3-methylphenol	4.046	107	322319	42.79	ng/uL	100
36) 2-Methylnaphthalene	4.181	142	690222	41.17	ng/uL	99
37) 1-Methylnaphthalene	4.251	142	638825	41.27	ng/uL	99
39) Hexachlorocyclopentadiene	4.287	237	155599	42.07	ng/uL	100
40) 2,4,6-Trichlorophenol	4.351	196	194835	42.12	ng/uL	96
41) 2,4,5-Trichlorophenol	4.381	196	186624	40.12	ng/uL	97
43) 2-Chloronaphthalene	4.504	162	613972	41.49	ng/uL	99
44) 2-Nitroaniline	4.557	138	195928	41.43	ng/uL	99
45) 1,4-Dinitrobenzene	4.634	168	84740	41.56	ng/uL	98
46) Dimethylphthalate	4.663	163	690596	41.71	ng/uL	99
47) 1,3-Dinitrobenzene	4.699	168	105151	40.30	ng/uL	98
48) 2,6-Dinitrotoluene	4.716	165	153237	40.14	ng/uL	99
49) 1,2-Dinitrobenzene	4.763	168	71012	39.82	ng/uL	96
50) Acenaphthylene	4.804	152	1033639	41.88	ng/uL	99
51) 3-Nitroaniline	4.846	92	244500	41.10	ng/uL	99
52) 2,4-Dinitrophenol	4.922	184	42534	40.65	ng/uL	98
53) Acenaphthene	4.928	153	657641	41.17	ng/uL	99
54) 4-Nitrophenol	4.946	65	160122	42.55	ng/uL	99
55) 2,4-Dinitrotoluene	5.016	165	195718	41.57	ng/uL	100
56) Dibenzofuran	5.057	168	869964	41.40	ng/uL	98
57) 2,3,5,6-Tetrachlorophenol	5.110	232	143541	41.62	ng/uL	99
58) 2,3,4,6-Tetrachlorophenol	5.146	232	154883	41.04	ng/uL	100
59) Diethylphthalate	5.187	149	706841	41.95	ng/uL	100
60) 4-Chlorophenyl phenyl ...	5.304	204	316188	41.47	ng/uL	99
61) 4-Nitroaniline	5.316	138	192300	41.08	ng/uL	97
62) Fluorene	5.322	166	710027	41.96	ng/uL	99
63) 4,6-Dinitro-2-methylph...	5.340	198	65905	40.67	ng/uL	98
64) n-Nitrosodiphenylamine	5.393	169	594760	41.93	ng/uL	100
65) Azobenzene	5.428	77	922620	41.75	ng/uL	99
66) 4-Bromophenyl phenyl e...	5.698	248	178926	41.32	ng/uL	99
69) Hexachlorobenzene	5.781	284	199253	40.19	ng/uL	99
70) Pentachlorophenol	5.934	266	110961	40.74	ng/uL	99
71) Phenanthrene	6.116	178	997099	41.34	ng/uL	100
72) Anthracene	6.163	178	1015599	42.11	ng/uL	100
73) Carbazole	6.287	167	932714	42.12	ng/uL	99
74) Di-n-butylphthalate	6.557	149	1141464	42.44	ng/uL	99
75) Fluoranthene	7.157	202	1018940	42.08	ng/uL	99
77) Benzidine	7.251	184	567810	39.05	ng/uL	100
78) Pyrene	7.369	202	1059069	42.46	ng/uL	99
79) Butylbenzylphthalate	7.981	149	450767	40.19	ng/uL	99
80) Bis(2-ethylhexyl) adipate	8.057	129	396690	40.38	ng/uL	100
81) Bis(2-ethylhexyl)phtha...	8.698	149	646260	40.13	ng/uL	99
82) 3,3'-Dichlorobenzidine	8.657	252	331339	38.77	ng/uL	99
83) Benzo[a]anthracene	8.710	228	1018652	41.94	ng/uL	99
84) Chrysene	8.763	228	937447	42.09	ng/uL	99
86) Di-n-octylphthalate	9.704	149	847526	39.10	ng/uL	99
88) Benzo[b]fluoranthene	10.445	252	915501	41.72	ng/uL	100
89) Benzo[k]fluoranthene	10.498	252	896783	42.34	ng/uL	99
90) Benzo[a]pyrene	11.086	252	774225	41.28	ng/uL	100
91) Dibenzo[a,h]anthracene	13.721	278	803634	41.37	ng/uL	99
92) Indeno(1,2,3-cd)pyrene	13.663	276	757606	41.83	ng/uL#	98
93) Benzo[g,h,i]perylene	14.263	276	824923	41.55	ng/uL	99

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2549.D
Acq On : 27 Feb 2022 1:34 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 40PPM_8270_ICAL
Misc :
ALS Vial : 17 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Mon Feb 28 01:17:10 2022
Response via : Initial Calibration

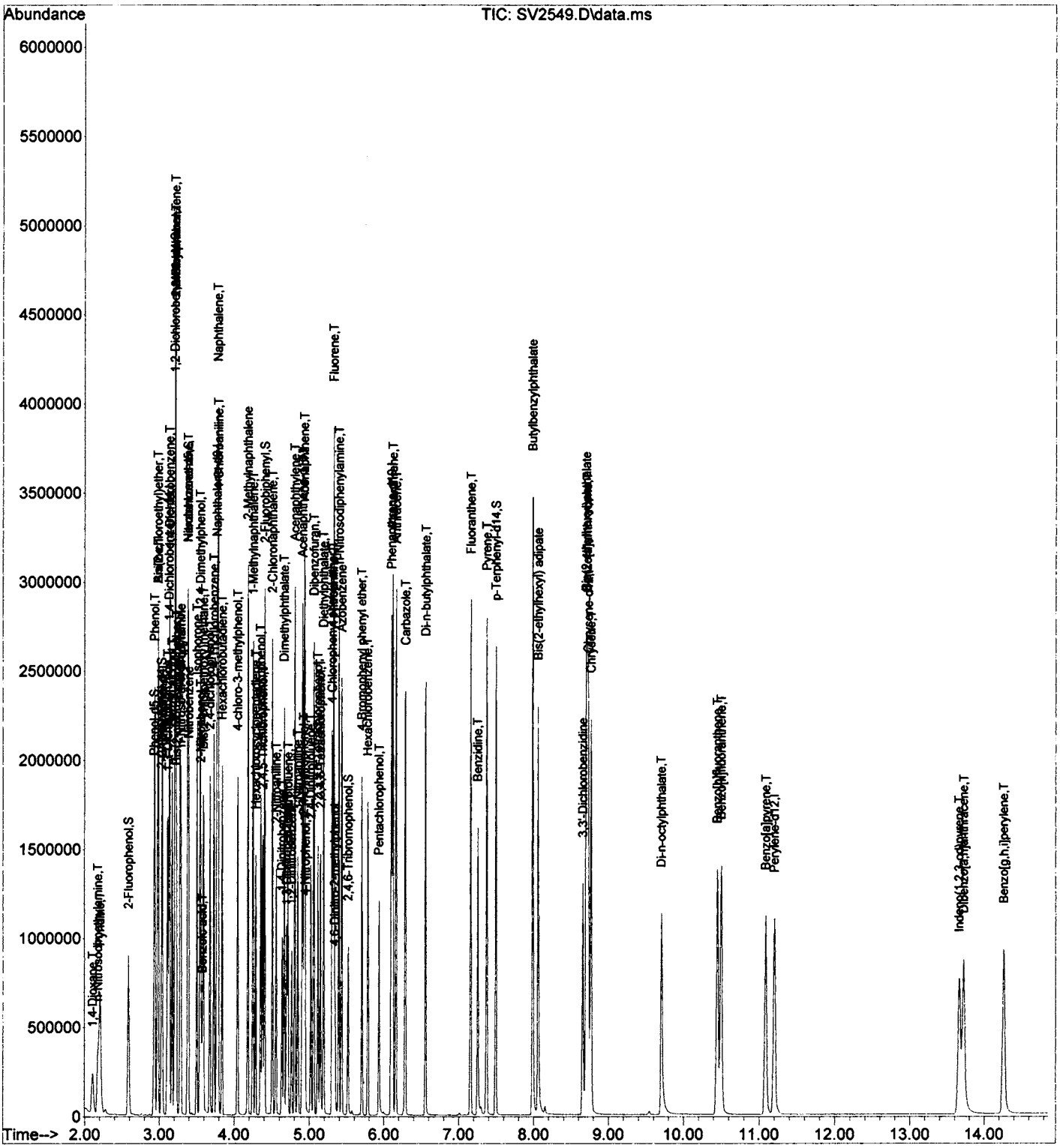
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2549.D
Acq On : 27 Feb 2022 1:34 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 40PPM_8270_ICAL
Misc :
ALS Vial : 17 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Mon Feb 28 01:17:10 2022
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2550.D
Acq On : 27 Feb 2022 1:52 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 80PPM_8270_ICAL
Misc :
ALS Vial : 18 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Mon Feb 28 01:17:10 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.128	152	238734	40.00	ng/uL	0.00
24) Naphthalene-d8	3.769	136	930285	40.00	ng/uL	0.00
38) Acenaphthene-d10	4.904	164	493582	40.00	ng/uL	0.00
67) Phenanthrene-d10	6.098	188	863149	40.00	ng/uL	0.00
76) Chrysene-d12	8.733	240	738590	40.00	ng/uL	0.00
87) Perylene-d12	11.204	264	683753	40.00	ng/uL	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	2.587	112	714932	84.71	ng/uL	0.00
Spiked Amount 75.000	Range 10 - 120		Recovery = 112.95%			
6) Phenol-d5	2.934	99	957357	85.21	ng/uL	0.00
Spiked Amount 75.000	Range 39 - 120		Recovery = 113.61%			
10) 2-Chlorophenol-d4	3.034	132	674531	85.28	ng/uL	0.00
Spiked Amount 75.000	Range 30 - 120		Recovery = 113.71%			
14) 1,2-Dichlorobenzene-d4	3.204	150	796022	81.87	ng/uL	0.00
Spiked Amount 75.000	Range 16 - 120		Recovery = 109.16%			
23) Nitrobenzene-d5	3.387	82	950237	85.57	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery = 171.14%#			
42) 2-Fluorobiphenyl	4.404	172	1356291	83.38	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery = 166.76%#			
68) 2,4,6-Tribromophenol	5.516	330	194118	81.10	ng/uL	0.00
Spiked Amount 75.000	Range 27 - 134		Recovery = 108.13%			
85) p-Terphenyl-d14	7.492	244	1603627	86.73	ng/uL	0.00
Spiked Amount 50.000	Range 29 - 126		Recovery = 173.46%#			
Target Compounds						Qvalue
2) 1,4-Dioxane	2.104	58	235679	79.61	ng/uL	100
3) n-Nitrosodimethylamine	2.175	74	546062	81.56	ng/uL	100
4) Pyridine	2.204	79	928198	82.72	ng/uL	100
7) Phenol	2.940	94	1045610	84.29	ng/uL	100
8) Aniline	2.981	93	2103469	82.58	ng/uL	100
9) Bis(2-chloroethyl)ether	2.987	63	674702	81.26	ng/uL	100
11) 2-Chlorophenol	3.040	128	695622	84.16	ng/uL	100
12) 1,3-Dichlorobenzene	3.110	146	751383	80.93	ng/uL	100
13) 1,4-Dichlorobenzene	3.140	146	756084	81.34	ng/uL	100
15) Benzyl alcohol	3.169	79	692160	86.24	ng/uL	100
16) 1,2-Dichlorobenzene	3.216	146	711727	80.90	ng/uL	100
17) 2-Methylphenol	3.210	108	726202	84.20	ng/uL	100
18) Bis(2-chloroisopropyl)...	3.228	45	947552	79.38	ng/uL	100
19) 3+4-Methylphenol	3.281	107	803225	85.38	ng/uL	100
20) n-Nitroso-di-n-propyla...	3.293	70	594395	82.44	ng/uL	100
21) Hexachloroethane	3.381	117	313367	84.54	ng/uL	100
22) Nitrobenzene	3.393	123	374741	85.88	ng/uL	100
25) Isophorone	3.504	82	1648192	83.81	ng/uL	100
26) 2,4-Dimethylphenol	3.546	107	765018	80.80	ng/uL	100
27) 2-Nitrophenol	3.551	139	327624	81.93	ng/uL	100
28) Benzoic acid	3.593	105	467202	82.67	ng/uL	99
29) Bis(2-chloroethoxy)met...	3.593	93	998206	84.13	ng/uL	100
30) 2,4-dichlorophenol	3.675	162	527635	87.29	ng/uL	100
31) 1,2,4-Trichlorobenzene	3.728	180	577198	82.66	ng/uL	100
32) Naphthalene	3.781	128	2074137	80.63	ng/uL	100
33) 4-Chloroaniline	3.787	65	303073	75.93	ng/uL	100
34) Hexachlorobutadiene	3.840	225	311075	83.28	ng/uL	100

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2550.D
Acq On : 27 Feb 2022 1:52 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 80PPM_8270_ICAL
Misc :
ALS Vial : 18 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Mon Feb 28 01:17:10 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-chloro-3-methylphenol	4.045	107	647557	89.26	ng/uL	100
36) 2-Methylnaphthalene	4.187	142	1338882	82.93	ng/uL	100
37) 1-Methylnaphthalene	4.251	142	1229946	82.50	ng/uL	100
39) Hexachlorocyclopentadiene	4.287	237	333043	81.35	ng/uL	100
40) 2,4,6-Trichlorophenol	4.351	196	385585	81.27	ng/uL	100
41) 2,4,5-Trichlorophenol	4.381	196	384884	81.04	ng/uL	100
43) 2-Chloronaphthalene	4.510	162	1187506	83.59	ng/uL	100
44) 2-Nitroaniline	4.557	138	409099	82.07	ng/uL	100
45) 1,4-Dinitrobenzene	4.640	168	186832	82.36	ng/uL	100
46) Dimethylphthalate	4.669	163	1357031	85.36	ng/uL	100
47) 1,3-Dinitrobenzene	4.698	168	219278	80.89	ng/uL	100
48) 2,6-Dinitrotoluene	4.716	165	311092	80.85	ng/uL	100
49) 1,2-Dinitrobenzene	4.769	168	146904	81.14	ng/uL	100
50) Acenaphthylene	4.804	152	1991335	84.03	ng/uL	100
51) 3-Nitroaniline	4.851	92	490994	81.16	ng/uL	100
52) 2,4-Dinitrophenol	4.922	184	117712	81.04	ng/uL	100
53) Acenaphthene	4.934	153	1285568	83.83	ng/uL	100
54) 4-Nitrophenol	4.945	65	334658	82.49	ng/uL	100
55) 2,4-Dinitrotoluene	5.022	165	401107	81.53	ng/uL	100
56) Dibenzofuran	5.057	168	1681171	83.34	ng/uL	100
57) 2,3,5,6-Tetrachlorophenol	5.110	232	298906	81.68	ng/uL	100
58) 2,3,4,6-Tetrachlorophenol	5.145	232	314104	81.19	ng/uL	100
59) Diethylphthalate	5.192	149	1409662	87.14	ng/uL	100
60) 4-Chlorophenyl phenyl ...	5.304	204	626719	85.62	ng/uL	100
61) 4-Nitroaniline	5.322	138	399450	82.47	ng/uL	100
62) Fluorene	5.328	166	1382346	85.09	ng/uL	100
63) 4,6-Dinitro-2-methylph...	5.345	198	163814	81.91	ng/uL	100
64) n-Nitrosodiphenylamine	5.392	169	1177291	86.45	ng/uL	100
65) Azobenzene	5.434	77	1794244	84.56	ng/uL	100
66) 4-Bromophenyl phenyl e...	5.704	248	362624	87.23	ng/uL	100
69) Hexachlorobenzene	5.787	284	403634	83.63	ng/uL	100
70) Pentachlorophenol	5.934	266	243549	81.08	ng/uL	100
71) Phenanthrene	6.122	178	1971352	83.96	ng/uL	100
72) Anthracene	6.163	178	2004905	85.40	ng/uL	100
73) Carbazole	6.287	167	1840615	85.40	ng/uL	100
74) Di-n-butylphthalate	6.557	149	2329014	88.96	ng/uL	100
75) Fluoranthene	7.157	202	2064452	87.59	ng/uL	100
77) Benzidine	7.251	184	1356877	82.73	ng/uL	100
78) Pyrene	7.375	202	2125489	86.85	ng/uL	100
79) Butylbenzylphthalate	7.986	149	1018716	82.96	ng/uL	100
80) Bis(2-ethylhexyl) adipate	8.057	129	901919	82.41	ng/uL	100
81) Bis(2-ethylhexyl)phtha...	8.698	149	1449358	82.52	ng/uL	100
82) 3,3'-Dichlorobenzidine	8.663	252	754740	81.91	ng/uL	100
83) Benzo[a]anthracene	8.716	228	2037488	85.50	ng/uL	100
84) Chrysene	8.769	228	1867596	85.47	ng/uL	100
86) Di-n-octylphthalate	9.704	149	2046812	81.41	ng/uL	100
88) Benzo[b]fluoranthene	10.457	252	1886041	82.45	ng/uL	100
89) Benzo[k]fluoranthene	10.504	252	1825453	88.84	ng/uL	100
90) Benzo[a]pyrene	11.092	252	1624992	82.45	ng/uL	100
91) Dibenzo[a,h]anthracene	13.739	278	1679270	81.31	ng/uL	100
92) Indeno(1,2,3-cd)pyrene	13.680	276	1617876	82.67	ng/uL#	100
93) Benzo[g,h,i]perylene	14.280	276	1681513	81.34	ng/uL	100

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2550.D
Acq On : 27 Feb 2022 1:52 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 80PPM_8270_ICAL
Misc :
ALS Vial : 18 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Mon Feb 28 01:17:10 2022
Response via : Initial Calibration

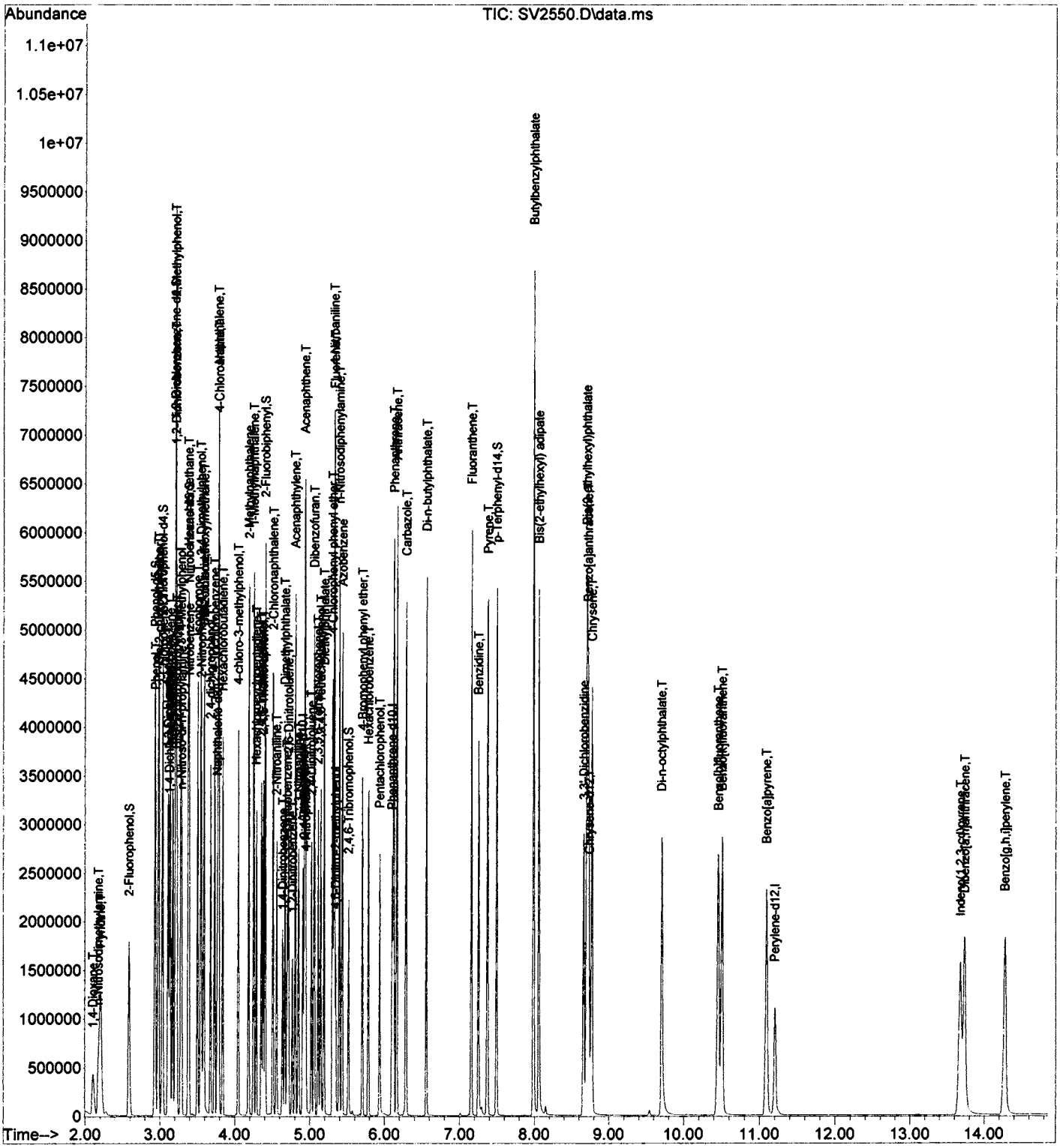
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2550.D
Acq On : 27 Feb 2022 1:52 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 80PPM_8270_ICAL
Misc :
ALS Vial : 18 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Mon Feb 28 01:17:10 2022
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2551.D
Acq On : 27 Feb 2022 2:10 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 100PPM_8270_ICAL
Misc :
ALS Vial : 19 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Mon Feb 28 01:17:10 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.128	152	240501	40.00	ng/uL	0.00
24) Naphthalene-d8	3.769	136	932650	40.00	ng/uL	0.00
38) Acenaphthene-d10	4.904	164	486721	40.00	ng/uL	0.00
67) Phenanthrene-d10	6.098	188	852619	40.00	ng/uL	0.00
76) Chrysene-d12	8.734	240	738117	40.00	ng/uL	0.00
87) Perylene-d12	11.204	264	682474	40.00	ng/uL	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	2.587	112	891018	104.80	ng/uL	0.00
Spiked Amount 75.000	Range 10 - 120		Recovery =	139.73%#		
6) Phenol-d5	2.934	99	1181648	104.40	ng/uL	0.00
Spiked Amount 75.000	Range 39 - 120		Recovery =	139.20%#		
10) 2-Chlorophenol-d4	3.034	132	836334	104.95	ng/uL	0.00
Spiked Amount 75.000	Range 30 - 120		Recovery =	139.93%#		
14) 1,2-Dichlorobenzene-d4	3.204	150	968309	98.86	ng/uL	0.00
Spiked Amount 75.000	Range 16 - 120		Recovery =	131.81%#		
23) Nitrobenzene-d5	3.381	82	1167815	104.39	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery =	208.78%#		
42) 2-Fluorobiphenyl	4.404	172	1640378	102.27	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery =	204.54%#		
68) 2,4,6-Tribromophenol	5.516	330	244886	99.68	ng/uL	0.00
Spiked Amount 75.000	Range 27 - 134		Recovery =	132.91%		
85) p-Terphenyl-d14	7.492	244	1974079	106.83	ng/uL	0.00
Spiked Amount 50.000	Range 29 - 126		Recovery =	213.66%#		
Target Compounds						Qvalue
2) 1,4-Dioxane	2.105	58	292385	98.04	ng/uL	100
3) n-Nitrosodimethylamine	2.175	74	680116	100.83	ng/uL	99
4) Pyridine	2.205	79	1137398	100.62	ng/uL	100
7) Phenol	2.940	94	1299575	103.99	ng/uL	100
8) Aniline	2.981	93	2584495	100.72	ng/uL	100
9) Bis(2-chloroethyl)ether	2.987	63	830405	99.27	ng/uL	100
11) 2-Chlorophenol	3.040	128	867615	104.20	ng/uL	99
12) 1,3-Dichlorobenzene	3.110	146	929886	99.42	ng/uL	100
13) 1,4-Dichlorobenzene	3.140	146	927589	99.06	ng/uL	99
15) Benzyl alcohol	3.175	79	862620	106.69	ng/uL	100
16) 1,2-Dichlorobenzene	3.216	146	862348	97.30	ng/uL	100
17) 2-Methylphenol	3.210	108	877759	101.03	ng/uL	100
18) Bis(2-chloroisopropyl)...	3.228	45	1146312	95.33	ng/uL	100
19) 3+4-Methylphenol	3.281	107	993871	104.86	ng/uL	100
20) n-Nitroso-di-n-propyla...	3.293	70	738840	101.73	ng/uL	99
21) Hexachloroethane	3.381	117	388180	103.96	ng/uL	100
22) Nitrobenzene	3.393	123	466577	106.14	ng/uL	99
25) Isophorone	3.504	82	2013127	102.10	ng/uL	100
26) 2,4-Dimethylphenol	3.546	107	942865	98.27	ng/uL	100
27) 2-Nitrophenol	3.551	139	415803	99.35	ng/uL	99
28) Benzoic acid	3.593	105	615621	99.09	ng/uL	100
29) Bis(2-chloroethoxy)met...	3.593	93	1226283	103.09	ng/uL	99
30) 2,4-dichlorophenol	3.675	162	652782	107.72	ng/uL	100
31) 1,2,4-Trichlorobenzene	3.728	180	713994	101.99	ng/uL	100
32) Naphthalene	3.781	128	2526823	97.97	ng/uL	100
33) 4-Chloroaniline	3.787	65	367889	91.93	ng/uL	99
34) Hexachlorobutadiene	3.840	225	381287	101.82	ng/uL	99

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2551.D
Acq On : 27 Feb 2022 2:10 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 100PPM_8270_ICAL
Misc :
ALS Vial : 19 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Mon Feb 28 01:17:10 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 4-chloro-3-methylphenol	4.046	107	797158	109.60 ng/uL	99
36) 2-Methylnaphthalene	4.181	142	1645144	101.65 ng/uL	100
37) 1-Methylnaphthalene	4.251	142	1511456	101.13 ng/uL	100
39) Hexachlorocyclopentadiene	4.287	237	425285	99.41 ng/uL	99
40) 2,4,6-Trichlorophenol	4.351	196	475769	98.97 ng/uL	99
41) 2,4,5-Trichlorophenol	4.381	196	476683	99.24 ng/uL	99
43) 2-Chloronaphthalene	4.510	162	1457317	104.02 ng/uL	100
44) 2-Nitroaniline	4.557	138	506030	99.36 ng/uL	99
45) 1,4-Dinitrobenzene	4.640	168	237732	100.39 ng/uL	99
46) Dimethylphthalate	4.669	163	1662092	106.03 ng/uL	100
47) 1,3-Dinitrobenzene	4.698	168	273292	99.35 ng/uL	100
48) 2,6-Dinitrotoluene	4.716	165	383408	99.27 ng/uL	100
49) 1,2-Dinitrobenzene	4.769	168	181062	99.51 ng/uL	99
50) Acenaphthylene	4.804	152	2426568	103.84 ng/uL	100
51) 3-Nitroaniline	4.851	92	609045	99.67 ng/uL	100
52) 2,4-Dinitrophenol	4.928	184	162743	99.78 ng/uL	99
53) Acenaphthene	4.934	153	1565710	103.54 ng/uL	100
54) 4-Nitrophenol	4.951	65	417696	99.71 ng/uL	99
55) 2,4-Dinitrotoluene	5.022	165	500205	99.64 ng/uL	99
56) Dibenzofuran	5.057	168	2030549	102.07 ng/uL	99
57) 2,3,5,6-Tetrachlorophenol	5.110	232	372744	99.33 ng/uL	100
58) 2,3,4,6-Tetrachlorophenol	5.146	232	387776	99.01 ng/uL	100
59) Diethylphthalate	5.193	149	1724622	108.12 ng/uL	100
60) 4-Chlorophenyl phenyl ...	5.304	204	768463	106.46 ng/uL	99
61) 4-Nitroaniline	5.328	138	490090	99.77 ng/uL	100
62) Fluorene	5.328	166	1663893	103.86 ng/uL	100
63) 4,6-Dinitro-2-methylph...	5.346	198	214836	100.00 ng/uL	99
64) n-Nitrosodiphenylamine	5.393	169	1452212	108.14 ng/uL	100
65) Azobenzene	5.434	77	2173959	103.90 ng/uL	99
66) 4-Bromophenyl phenyl e...	5.704	248	447986	109.28 ng/uL	99
69) Hexachlorobenzene	5.787	284	497497	104.35 ng/uL	99
70) Pentachlorophenol	5.934	266	306827	98.98 ng/uL	99
71) Phenanthrene	6.122	178	2388013	102.97 ng/uL	99
72) Anthracene	6.163	178	2421797	104.43 ng/uL	99
73) Carbazole	6.287	167	2265621	106.41 ng/uL	100
74) Di-n-butylphthalate	6.557	149	2836370	109.68 ng/uL	100
75) Fluoranthene	7.157	202	2527823	108.57 ng/uL	100
77) Benzidine	7.257	184	1695629	99.18 ng/uL	99
78) Pyrene	7.375	202	2588648	105.85 ng/uL	100
79) Butylbenzylphthalate	7.987	149	1274776	100.52 ng/uL	99
80) Bis(2-ethylhexyl) adipate	8.057	129	1141591	100.20 ng/uL	99
81) Bis(2-ethylhexyl)phtha...	8.698	149	1821647	100.37 ng/uL	100
82) 3,3'-Dichlorobenzidine	8.663	252	947036	99.72 ng/uL	100
83) Benzo[a]anthracene	8.716	228	2497240	104.87 ng/uL	100
84) Chrysene	8.769	228	2283525	104.57 ng/uL	99
86) Di-n-octylphthalate	9.710	149	2645256	100.17 ng/uL	99
88) Benzo[b]fluoranthene	10.457	252	2297435	98.12 ng/uL	99
89) Benzo[k]fluoranthene	10.510	252	2296998	112.00 ng/uL	99
90) Benzo[a]pyrene	11.098	252	2012818	99.33 ng/uL	99
91) Dibenzo[a,h]anthracene	13.745	278	2116687	98.99 ng/uL	100
92) Indeno(1,2,3-cd)pyrene	13.686	276	2032467	99.92 ng/uL#	99
93) Benzo[g,h,i]perylene	14.286	276	2102688	99.03 ng/uL	100

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2551.D
Acq On : 27 Feb 2022 2:10 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 100PPM_8270_ICAL
Misc :
ALS Vial : 19 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Mon Feb 28 01:17:10 2022
Response via : Initial Calibration

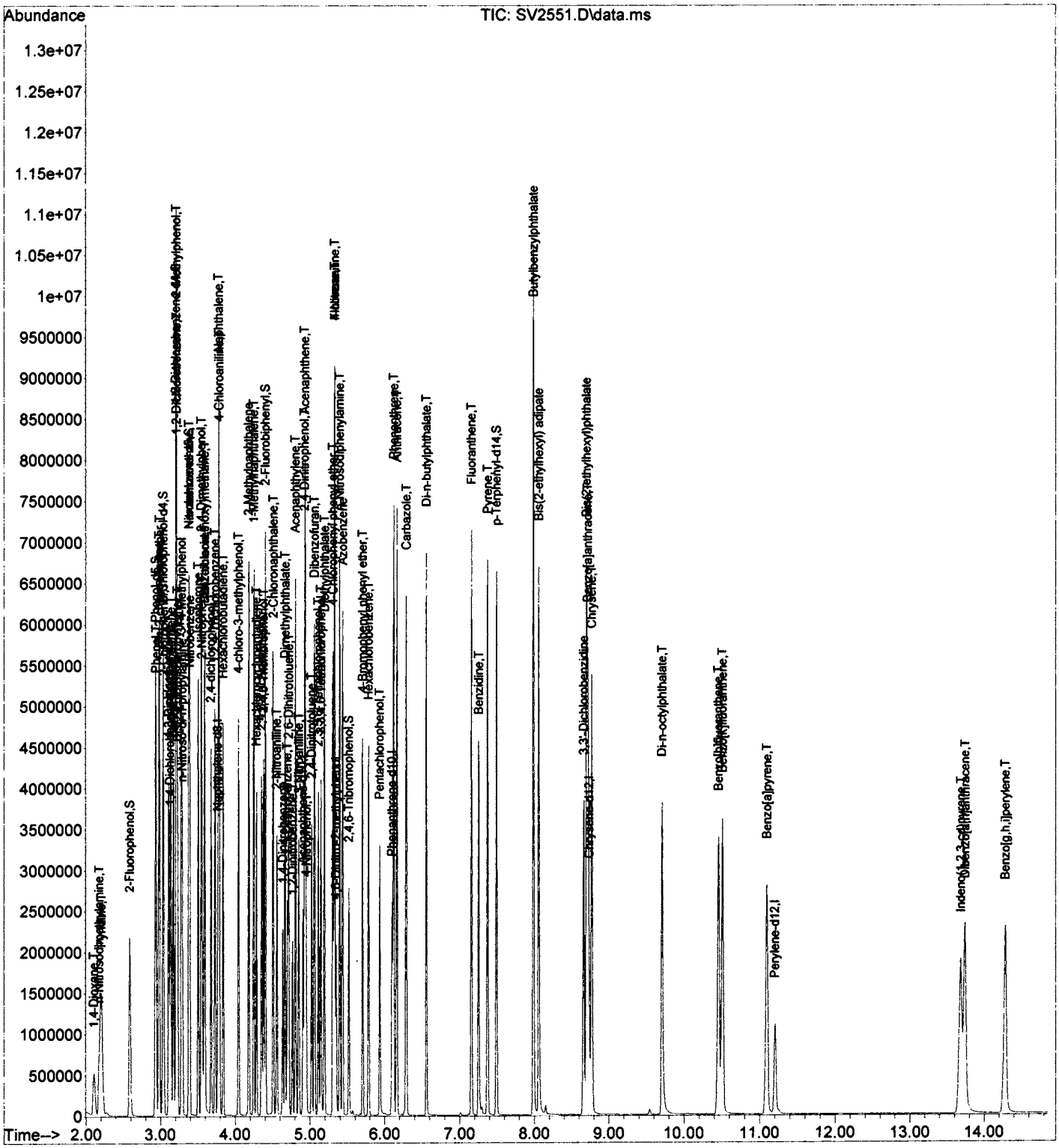
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2551.D
Acq On : 27 Feb 2022 2:10 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 100PPM_8270_ICAL
Misc :
ALS Vial : 19 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Mon Feb 28 01:17:10 2022
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2552.D
Acq On : 27 Feb 2022 2:28 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 120PPM_8270_ICAL
Misc :
ALS Vial : 20 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Mon Feb 28 01:17:10 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.128	152	228561	40.00	ng/uL	0.00
24) Naphthalene-d8	3.769	136	882660	40.00	ng/uL	0.00
38) Acenaphthene-d10	4.904	164	461340	40.00	ng/uL	0.00
67) Phenanthrene-d10	6.098	188	805285	40.00	ng/uL	0.00
76) Chrysene-d12	8.734	240	707455	40.00	ng/uL	0.00
87) Perylene-d12	11.204	264	651684	40.00	ng/uL	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	2.587	112	1052639	130.27	ng/uL	0.00
Spiked Amount 75.000	Range 10 - 120		Recovery = 173.69%#			
6) Phenol-d5	2.934	99	1391603	129.38	ng/uL	0.00
Spiked Amount 75.000	Range 39 - 120		Recovery = 172.51%#			
10) 2-Chlorophenol-d4	3.034	132	980049	129.41	ng/uL	0.00
Spiked Amount 75.000	Range 30 - 120		Recovery = 172.55%#			
14) 1,2-Dichlorobenzene-d4	3.204	150	1098271	117.98	ng/uL	0.00
Spiked Amount 75.000	Range 16 - 120		Recovery = 157.31%#			
23) Nitrobenzene-d5	3.387	82	1357246	127.67	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery = 255.34%#			
42) 2-Fluorobiphenyl	4.404	172	1908212	125.51	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery = 251.02%#			
68) 2,4,6-Tribromophenol	5.516	330	289356	119.82	ng/uL	0.00
Spiked Amount 75.000	Range 27 - 134		Recovery = 159.76%#			
85) p-Terphenyl-d14	7.492	244	2301010	129.92	ng/uL	0.00
Spiked Amount 50.000	Range 29 - 126		Recovery = 259.84%#			
Target Compounds						Qvalue
2) 1,4-Dioxane	2.110	58	341737	120.58	ng/uL	99
3) n-Nitrosodimethylamine	2.175	74	795897	124.16	ng/uL	99
4) Pyridine	2.205	79	1348696	125.55	ng/uL	100
7) Phenol	2.940	94	1524430	128.35	ng/uL	99
8) Aniline	2.981	93	2982307	122.30	ng/uL	100
9) Bis(2-chloroethyl)ether	2.987	63	958734	120.60	ng/uL	100
11) 2-Chlorophenol	3.040	128	1019194	128.80	ng/uL	98
12) 1,3-Dichlorobenzene	3.110	146	1081449	121.67	ng/uL	100
13) 1,4-Dichlorobenzene	3.140	146	1074244	120.72	ng/uL	99
15) Benzyl alcohol	3.175	79	1014462	132.03	ng/uL	99
16) 1,2-Dichlorobenzene	3.216	146	980722	116.43	ng/uL	99
17) 2-Methylphenol	3.210	108	1010225	122.35	ng/uL	100
18) Bis(2-chloroisopropyl)...	3.228	45	1324829	115.93	ng/uL	99
19) 3+4-Methylphenol	3.281	107	1168133	129.69	ng/uL	100
20) n-Nitroso-di-n-propyla...	3.293	70	859877	124.58	ng/uL	99
21) Hexachloroethane	3.381	117	455942	128.48	ng/uL	99
22) Nitrobenzene	3.393	123	545689	130.63	ng/uL	98
25) Isophorone	3.504	82	2334472	125.11	ng/uL	100
26) 2,4-Dimethylphenol	3.546	107	1110958	120.76	ng/uL	100
27) 2-Nitrophenol	3.557	139	494727	119.21	ng/uL	98
28) Benzoic acid	3.599	105	765462	118.14	ng/uL	99
29) Bis(2-chloroethoxy)met...	3.593	93	1426343	126.69	ng/uL	99
30) 2,4-dichlorophenol	3.675	162	774017	134.96	ng/uL	100
31) 1,2,4-Trichlorobenzene	3.728	180	830225	125.30	ng/uL	100
32) Naphthalene	3.781	128	2877725	117.90	ng/uL	99
33) 4-Chloroaniline	3.787	65	424865	112.18	ng/uL	99
34) Hexachlorobutadiene	3.840	225	451524	127.40	ng/uL	100

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2552.D
Acq On : 27 Feb 2022 2:28 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 120PPM_8270_ICAL
Misc :
ALS Vial : 20 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Mon Feb 28 01:17:10 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-chloro-3-methylphenol	4.046	107	942995	137.00	ng/uL	100
36) 2-Methylnaphthalene	4.187	142	1910111	124.70	ng/uL	100
37) 1-Methylnaphthalene	4.251	142	1761558	124.54	ng/uL	100
39) Hexachlorocyclopentadiene	4.287	237	514306	119.41	ng/uL	99
40) 2,4,6-Trichlorophenol	4.351	196	562149	119.68	ng/uL	99
41) 2,4,5-Trichlorophenol	4.381	196	561356	119.94	ng/uL	99
43) 2-Chloronaphthalene	4.510	162	1690110	127.28	ng/uL	99
44) 2-Nitroaniline	4.557	138	597380	119.06	ng/uL	99
45) 1,4-Dinitrobenzene	4.640	168	279671	118.19	ng/uL	99
46) Dimethylphthalate	4.669	163	1912745	128.73	ng/uL	100
47) 1,3-Dinitrobenzene	4.704	168	322534	120.07	ng/uL	99
48) 2,6-Dinitrotoluene	4.716	165	448242	120.15	ng/uL	100
49) 1,2-Dinitrobenzene	4.769	168	210815	119.89	ng/uL	99
50) Acenaphthylene	4.804	152	2810318	126.88	ng/uL	100
51) 3-Nitroaniline	4.851	92	708473	119.36	ng/uL	100
52) 2,4-Dinitrophenol	4.928	184	208634	119.64	ng/uL	98
53) Acenaphthene	4.934	153	1802774	125.78	ng/uL	99
54) 4-Nitrophenol	4.951	65	492609	118.31	ng/uL	100
55) 2,4-Dinitrotoluene	5.022	165	586928	119.10	ng/uL	99
56) Dibenzofuran	5.057	168	2359029	125.11	ng/uL	99
57) 2,3,5,6-Tetrachlorophenol	5.110	232	442535	119.28	ng/uL	100
58) 2,3,4,6-Tetrachlorophenol	5.146	232	458196	119.84	ng/uL	100
59) Diethylphthalate	5.193	149	1995064	131.95	ng/uL	100
60) 4-Chlorophenyl phenyl ...	5.304	204	897720	131.21	ng/uL	99
61) 4-Nitroaniline	5.328	138	568458	118.57	ng/uL	99
62) Fluorene	5.328	166	1923919	126.70	ng/uL	100
63) 4,6-Dinitro-2-methylph...	5.351	198	262872	119.02	ng/uL	99
64) n-Nitrosodiphenylamine	5.393	169	1666204	130.90	ng/uL	100
65) Azobenzene	5.434	77	2502996	126.21	ng/uL	99
66) 4-Bromophenyl phenyl e...	5.704	248	516655	132.97	ng/uL	99
69) Hexachlorobenzene	5.787	284	587173	130.40	ng/uL	99
70) Pentachlorophenol	5.940	266	368687	120.08	ng/uL	99
71) Phenanthrene	6.122	178	2731982	124.72	ng/uL	99
72) Anthracene	6.163	178	2815992	128.57	ng/uL	99
73) Carbazole	6.287	167	2648873	131.73	ng/uL	100
74) Di-n-butylphthalate	6.557	149	3253354	133.20	ng/uL	99
75) Fluoranthene	7.157	202	2910871	132.37	ng/uL	100
77) Benzidine	7.257	184	2050589	119.27	ng/uL	99
78) Pyrene	7.375	202	2976662	126.99	ng/uL	99
79) Butylbenzylphthalate	7.987	149	1477274	117.97	ng/uL	99
80) Bis(2-ethylhexyl) adipate	8.057	129	1345291	118.52	ng/uL	99
81) Bis(2-ethylhexyl)phtha...	8.698	149	2123015	118.33	ng/uL	99
82) 3,3'-Dichlorobenzidine	8.663	252	1124595	119.63	ng/uL	100
83) Benzo[a]anthracene	8.716	228	2879120	126.14	ng/uL	99
84) Chrysene	8.775	228	2681194	128.11	ng/uL	99
86) Di-n-octylphthalate	9.710	149	3163343	119.45	ng/uL	99
88) Benzo[b]fluoranthene	10.463	252	2768200	119.74	ng/uL	100
89) Benzo[k]fluoranthene	10.516	252	2626769	134.13	ng/uL	99
90) Benzo[a]pyrene	11.098	252	2377700	118.90	ng/uL	99
91) Dibenzo[a,h]anthracene	13.745	278	2547717	119.78	ng/uL	99
92) Indeno(1,2,3-cd)pyrene	13.686	276	2392789	118.27	ng/uL#	99
93) Benzo[g,h,i]perylene	14.292	276	2505601	119.69	ng/uL	100

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2552.D
Acq On : 27 Feb 2022 2:28 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 120PPM_8270_ICAL
Misc :
ALS Vial : 20 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Mon Feb 28 01:17:10 2022
Response via : Initial Calibration

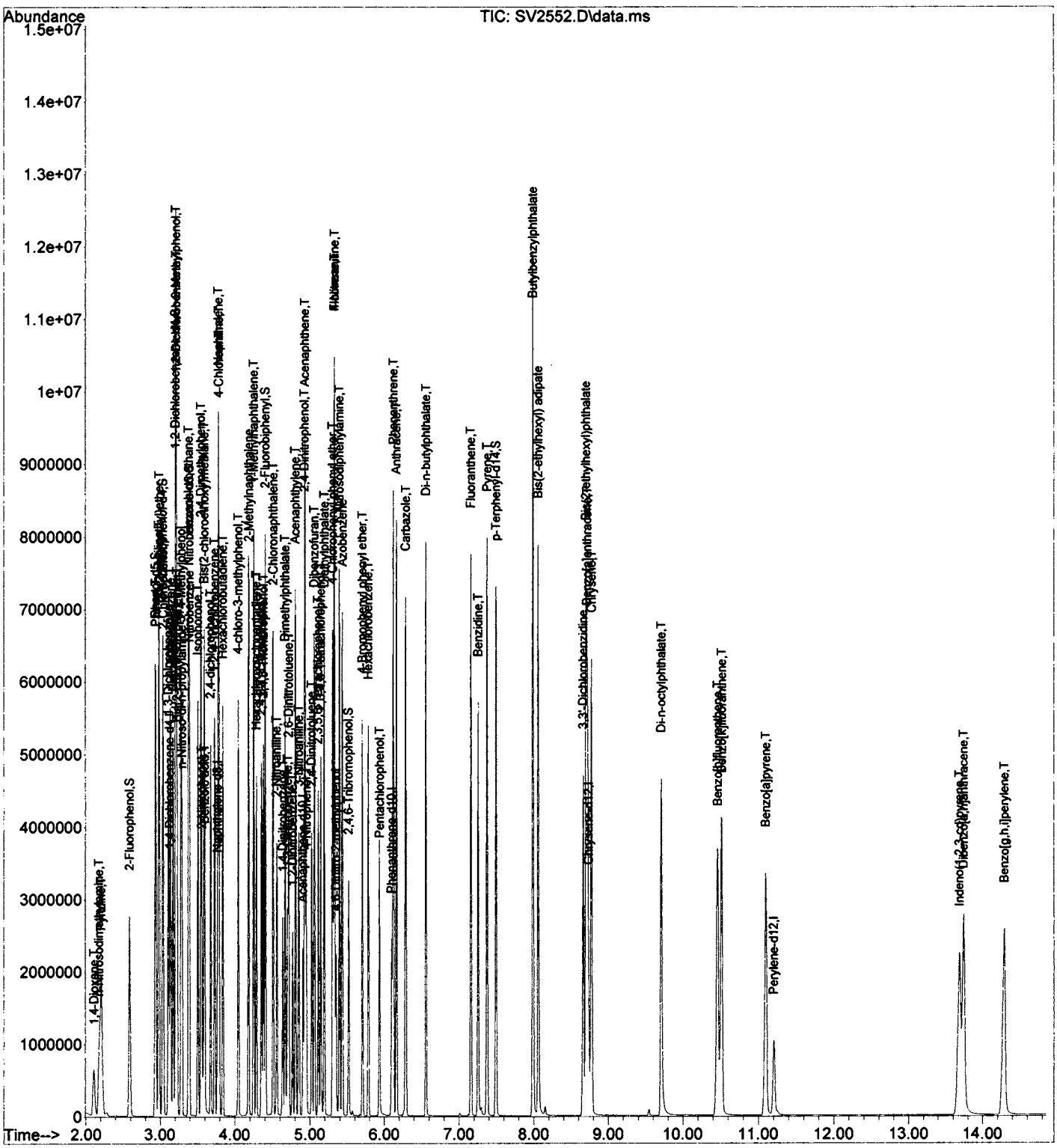
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2552.D
Acq On : 27 Feb 2022 2:28 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 120PPM_8270_ICAL
Misc :
ALS Vial : 20 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Mon Feb 28 01:17:10 2022
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2553.D
Acq On : 27 Feb 2022 2:45 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 40PPM_8270_ICV
Misc :
ALS Vial : 21 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Mon Feb 28 01:17:10 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.128	152	267311	40.00	ng/uL	0.00
24) Naphthalene-d8	3.769	136	1056965	40.00	ng/uL	0.00
38) Acenaphthene-d10	4.904	164	567851	40.00	ng/uL	0.00
67) Phenanthrene-d10	6.098	188	980807	40.00	ng/uL	0.00
76) Chrysene-d12	8.728	240	834712	40.00	ng/uL	0.00
87) Perylene-d12	11.204	264	781231	40.00	ng/uL	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	2.587	112	379574	40.17	ng/uL	0.00
Spiked Amount 75.000	Range 10 - 120		Recovery = 53.56%			
6) Phenol-d5	2.934	99	508266	40.40	ng/uL	0.00
Spiked Amount 75.000	Range 39 - 120		Recovery = 53.87%			
10) 2-Chlorophenol-d4	3.034	132	358760	40.51	ng/uL	0.00
Spiked Amount 75.000	Range 30 - 120		Recovery = 54.01%			
14) 1,2-Dichlorobenzene-d4	3.204	150	437793	40.21	ng/uL	0.00
Spiked Amount 75.000	Range 16 - 120		Recovery = 53.61%			
23) Nitrobenzene-d5	3.381	82	521833	41.97	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery = 83.94%			
42) 2-Fluorobiphenyl	4.404	172	743187	39.71	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery = 79.42%			
68) 2,4,6-Tribromophenol	5.516	330	101329	40.71	ng/uL	0.00
Spiked Amount 75.000	Range 27 - 134		Recovery = 54.28%			
85) p-Terphenyl-d14	7.492	244	860984	41.20	ng/uL	0.00
Spiked Amount 50.000	Range 29 - 126		Recovery = 82.40%			
Target Compounds						Qvalue
2) 1,4-Dioxane	2.104	58	127617	38.50	ng/uL	100
3) n-Nitrosodimethylamine	2.175	74	309374	41.27	ng/uL	99
4) Pyridine	2.204	79	505298	40.22	ng/uL	99
7) Phenol	2.940	94	586655	42.23	ng/uL	100
8) Aniline	2.981	93	1192239	41.80	ng/uL	100
9) Bis(2-chloroethyl)ether	2.987	63	387305	41.66	ng/uL	98
11) 2-Chlorophenol	3.040	128	390374	42.18	ng/uL	99
12) 1,3-Dichlorobenzene	3.110	146	425155	40.90	ng/uL	99
13) 1,4-Dichlorobenzene	3.140	146	425726	40.91	ng/uL	98
15) Benzyl alcohol	3.169	79	391688	43.59	ng/uL	99
16) 1,2-Dichlorobenzene	3.210	146	413752	42.00	ng/uL	99
17) 2-Methylphenol	3.210	108	421092	43.61	ng/uL	100
18) Bis(2-chloroisopropyl)...	3.228	45	553377	41.40	ng/uL	99
19) 3+4-Methylphenol	3.275	107	458552	43.53	ng/uL	99
20) n-Nitroso-di-n-propyla...	3.287	70	342129	42.38	ng/uL	99
21) Hexachloroethane	3.381	117	175568	42.30	ng/uL	99
22) Nitrobenzene	3.393	123	210762	43.14	ng/uL	97
25) Isophorone	3.504	82	947584	42.41	ng/uL	99
26) 2,4-Dimethylphenol	3.546	107	430681	41.28	ng/uL	97
27) 2-Nitrophenol	3.551	139	184509	44.94	ng/uL	95
28) Benzoic acid	3.575	105	236899	46.89	ng/uL	95
29) Bis(2-chloroethoxy)met...	3.593	93	562801	41.75	ng/uL	99
30) 2,4-dichlorophenol	3.675	162	301335	43.88	ng/uL	99
31) 1,2,4-Trichlorobenzene	3.728	180	322183	40.61	ng/uL	99
32) Naphthalene	3.781	128	1211531	41.45	ng/uL	98
33) 4-Chloroaniline	3.787	65	176254	38.86	ng/uL	97
34) Hexachlorobutadiene	3.840	225	173618	40.91	ng/uL	99

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2553.D
Acq On : 27 Feb 2022 2:45 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 40PPM_8270_ICV
Misc :
ALS Vial : 21 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Mon Feb 28 01:17:10 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-chloro-3-methylphenol	4.046	107	360200	43.70	ng/uL	100
36) 2-Methylnaphthalene	4.181	142	760976	41.49	ng/uL	99
37) 1-Methylnaphthalene	4.251	142	700539	41.36	ng/uL	99
39) Hexachlorocyclopentadiene	4.287	237	184089	44.61	ng/uL	99
40) 2,4,6-Trichlorophenol	4.351	196	219577	42.91	ng/uL	97
41) 2,4,5-Trichlorophenol	4.381	196	212677	41.32	ng/uL	97
43) 2-Chloronaphthalene	4.504	162	673426	41.20	ng/uL	99
44) 2-Nitroaniline	4.557	138	228005	43.42	ng/uL	99
45) 1,4-Dinitrobenzene	4.634	168	102268	44.81	ng/uL	98
46) Dimethylphthalate	4.663	163	770552	42.13	ng/uL	99
47) 1,3-Dinitrobenzene	4.698	168	121277	41.91	ng/uL	98
48) 2,6-Dinitrotoluene	4.716	165	173358	41.05	ng/uL	99
49) 1,2-Dinitrobenzene	4.763	168	81366	41.20	ng/uL	97
50) Acenaphthylene	4.804	152	1144171	41.97	ng/uL	99
51) 3-Nitroaniline	4.845	92	275160	41.82	ng/uL	99
52) 2,4-Dinitrophenol	4.922	184	61921	48.94	ng/uL	100
53) Acenaphthene	4.934	153	734517	41.63	ng/uL	99
54) 4-Nitrophenol	4.945	65	190102	45.35	ng/uL	99
55) 2,4-Dinitrotoluene	5.016	165	222638	42.70	ng/uL	100
56) Dibenzofuran	5.057	168	957404	41.25	ng/uL	99
57) 2,3,5,6-Tetrachlorophenol	5.110	232	166178	43.40	ng/uL	100
58) 2,3,4,6-Tetrachlorophenol	5.145	232	173614	41.60	ng/uL	100
59) Diethylphthalate	5.187	149	792073	42.56	ng/uL	100
60) 4-Chlorophenyl phenyl ...	5.304	204	351291	41.71	ng/uL	99
61) 4-Nitroaniline	5.322	138	218248	42.12	ng/uL	97
62) Fluorene	5.322	166	783161	41.90	ng/uL	100
63) 4,6-Dinitro-2-methylph...	5.340	198	87205	46.60	ng/uL	98
64) n-Nitrosodiphenylamine	5.393	169	661884	42.25	ng/uL	99
65) Azobenzene	5.428	77	1020794	41.82	ng/uL	99
66) 4-Bromophenyl phenyl e...	5.698	248	199702	41.75	ng/uL	99
69) Hexachlorobenzene	5.781	284	224323	40.90	ng/uL	100
70) Pentachlorophenol	5.934	266	132432	43.49	ng/uL	99
71) Phenanthrene	6.116	178	1094920	41.04	ng/uL	100
72) Anthracene	6.163	178	1115678	41.82	ng/uL	100
73) Carbazole	6.287	167	1044457	42.64	ng/uL	99
74) Di-n-butylphthalate	6.557	149	1283131	43.13	ng/uL	99
75) Fluoranthene	7.157	202	1138992	42.53	ng/uL	99
77) Benzidine	7.251	184	662890	40.82	ng/uL	100
78) Pyrene	7.369	202	1176088	42.52	ng/uL	99
79) Butylbenzylphthalate	7.986	149	535321	42.67	ng/uL	99
80) Bis(2-ethylhexyl) adipate	8.057	129	472961	42.97	ng/uL	100
81) Bis(2-ethylhexyl)phtha...	8.698	149	757222	42.12	ng/uL	99
82) 3,3'-Dichlorobenzidine	8.657	252	384005	40.34	ng/uL	99
83) Benzo[a]anthracene	8.710	228	1132628	42.06	ng/uL	99
84) Chrysene	8.763	228	1037712	42.02	ng/uL	99
86) Di-n-octylphthalate	9.704	149	1038441	42.38	ng/uL	100
88) Benzo[b]fluoranthene	10.445	252	1018490	41.86	ng/uL	100
89) Benzo[k]fluoranthene	10.498	252	995239	42.39	ng/uL	99
90) Benzo[a]pyrene	11.086	252	867600	41.69	ng/uL	100
91) Dibenzo[a,h]anthracene	13.727	278	898572	41.69	ng/uL	100
92) Indeno(1,2,3-cd)pyrene	13.668	276	850803	42.32	ng/uL#	98
93) Benzo[g,h,i]perylene	14.263	276	907695	41.27	ng/uL	100

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2553.D
Acq On : 27 Feb 2022 2:45 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 40PPM_8270_ICV
Misc :
ALS Vial : 21 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Mon Feb 28 01:17:10 2022
Response via : Initial Calibration

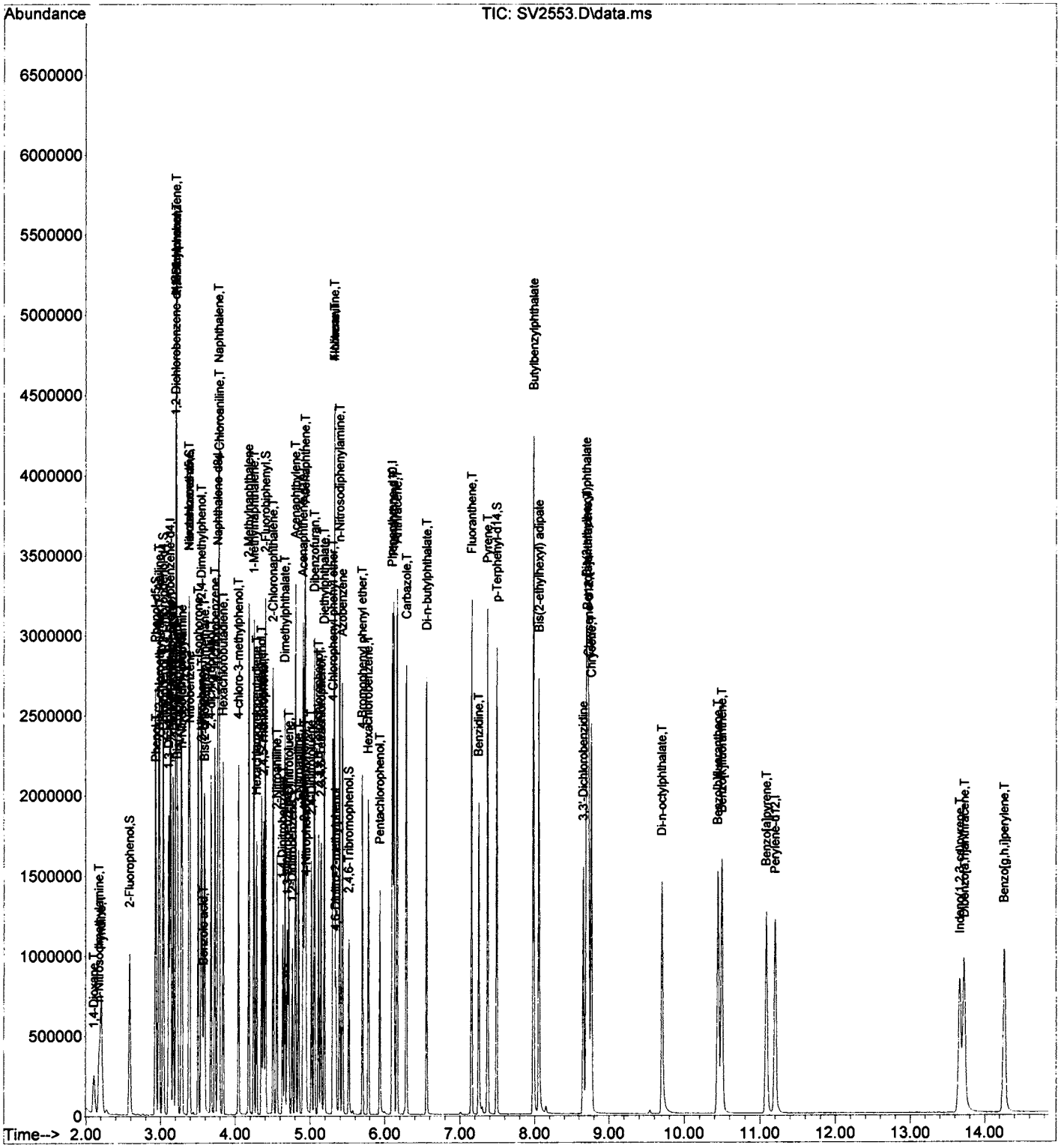
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\022722\
Data File : SV2553.D
Acq On : 27 Feb 2022 2:45 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 40PPM_8270_ICV
Misc :
ALS Vial : 21 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Mon Feb 28 01:17:10 2022
Response via : Initial Calibration



GCMS Tune Review

AnalRunID: SV220227-444

Level:	Low
Column:	Cap
Injection Date:	02/27/2022
Injection Time:	8:12
Lab File ID:	SV2532
Matrix:	
Instrument ID:	HPSV4

% Relative Abundance

Volatiles

50RelAbd:		174RelAbd:	
75RelAbd:		175RelAbd:	
95RelAbd:		176RelAbd:	
96RelAbd:		177RelAbd:	
173RelAbd:			

Semi-Volatiles

51RelAbd:	61.7	199RelAbd:	6.9
68RelAbd:	1.6	275RelAbd:	22.9
69RelAbd:	65.6	365RelAbd:	3.6
70RelAbd:	0.5	441RelAbd:	78.4
127RelAbd:	64.5	442RelAbd:	90.3
197RelAbd:	0.5	443RelAbd:	19.4
198RelAbd:	100		

LabID:	QCTyp:	LabFileID:	AnalDate:	AnalTime:	QCBatchID:	RR:
0.05PPM_SIMPAH	CSTD	SV2535	2/27/2022	9:25:00 AM	SV220227-444	0
0.1PPM_SIMPAH	CSTD	SV2536	2/27/2022	9:43:00 AM	SV220227-444	0
0.5PPM_SIMPAH	CSTD	SV2537	2/27/2022	10:01:00 AM	SV220227-444	0
1PPM_SIMPAH	CSTD	SV2538	2/27/2022	10:18:00 AM	SV220227-444	0
2PPM_SIMPAH	CSTD	SV2539	2/27/2022	10:36:00 AM	SV220227-444	0
5PPM_SIMPAH	CSTD	SV2540	2/27/2022	10:54:00 AM	SV220227-444	0
10PPM_SIMPAH	CSTD	SV2541	2/27/2022	11:11:00 AM	SV220227-444	0
5PPM_SIMPAH	ICV	SV2543	2/27/2022	11:47:00 AM	SV220227-444	0
1PPM_8270_ICAL	CSTD	SV2545	2/27/2022	12:23:00 PM	SV220227-444	0
5PPM_8270_ICAL	CSTD	SV2546	2/27/2022	12:41:00 PM	SV220227-444	0
10PPM_8270_ICAL	CSTD	SV2547	2/27/2022	12:58:00 PM	SV220227-444	0
20PPM_8270_ICAL	CSTD	SV2548	2/27/2022	1:16:00 PM	SV220227-444	0
40PPM_8270_ICAL	CSTD	SV2549	2/27/2022	1:34:00 PM	SV220227-444	0
80PPM_8270_ICAL	CSTD	SV2550	2/27/2022	1:52:00 PM	SV220227-444	0
100PPM_8270_ICAL	CSTD	SV2551	2/27/2022	2:10:00 PM	SV220227-444	0
120PPM_8270_ICAL	CSTD	SV2552	2/27/2022	2:28:00 PM	SV220227-444	0
40PPM_8270_ICV	ICV	SV2553	2/27/2022	2:45:00 PM	SV220227-444	0

GCMS Tune Review

AnalRunID: SV220306-4

Level: Low
Column: Cap
Injection Date:
Injection Time:
Lab File ID:
Matrix:
Instrument ID: HPSV4

% Relative Abundance

Volatiles				Semi-Volatiles			
50RelAbd:		174RelAbd:		51RelAbd:		199RelAbd:	
75RelAbd:		175RelAbd:		68RelAbd:		275RelAbd:	
95RelAbd:		176RelAbd:		69RelAbd:		365RelAbd:	
96RelAbd:		177RelAbd:		70RelAbd:		441RelAbd:	
173RelAbd:				127RelAbd:		442RelAbd:	
				197RelAbd:		443RelAbd:	
				198RelAbd:			

LabID:	QCTyp:	LabFileID:	AnalDate:	AnalTime:	QCBatchID:	RR:
2202436-15	SMP	SV2794	3/7/2022	12:11:00 AM	ex220302-1-1	0
2202436-16	SMP	SV2795	3/7/2022	12:33:00 AM	ex220302-1-1	0
2202436-2	SMP	SV2796	3/7/2022	12:50:00 AM	ex220302-1-1	0
2202436-3	SMP	SV2797	3/7/2022	1:08:00 AM	ex220302-1-1	0
2202436-4	SMP	SV2798	3/7/2022	1:26:00 AM	ex220302-1-1	0
2202436-7	SMP	SV2799	3/7/2022	1:44:00 AM	ex220302-1-1	0
2202436-8	SMP	SV2800	3/7/2022	2:02:00 AM	ex220302-1-1	0
SV220306-4CCV1	CCV	SV2778	3/6/2022	6:39:00 PM	SV220306-4	0
ex220302-1	MB	SV2779	3/6/2022	6:57:00 PM	ex220302-1-1	0
ex220302-1	LCS	SV2780	3/6/2022	7:15:00 PM	ex220302-1-1	0
EX220303-2	MB	SV2781	3/6/2022	7:33:00 PM	EX220303-2-1	0
EX220303-2	LCS	SV2782	3/6/2022	7:51:00 PM	EX220303-2-1	0
2202436-1	SMP	SV2784	3/6/2022	8:28:00 PM	ex220302-1-1	0
2202436-1	MS	SV2785	3/6/2022	8:45:00 PM	ex220302-1-1	0
2202436-1	MSD	SV2786	3/6/2022	9:03:00 PM	ex220302-1-1	0
2202436-9	SMP	SV2787	3/6/2022	9:21:00 PM	ex220302-1-1	0
2202436-11	SMP	SV2788	3/6/2022	9:39:00 PM	ex220302-1-1	0
2202436-12	SMP	SV2789	3/6/2022	9:57:00 PM	ex220302-1-1	0
2202436-13	SMP	SV2790	3/6/2022	10:15:00 PM	ex220302-1-1	0
2202436-14	SMP	SV2793	3/6/2022	11:53:00 PM	ex220302-1-1	0

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030622A\
Data File : SV2778.D
Acq On : 6 Mar 2022 6:39 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : SV220306-4CCV
Misc :
ALS Vial : 1 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 19:15:51 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.175	152	286238	40.00	ng/uL	0.00
24) Naphthalene-d8	3.840	136	1173157	40.00	ng/uL	0.00
38) Acenaphthene-d10	4.975	164	606535	40.00	ng/uL	0.00
67) Phenanthrene-d10	6.151	188	1043456	40.00	ng/uL	0.00
76) Chrysene-d12	8.781	240	870508	40.00	ng/uL	0.00
87) Perylene-d12	11.269	264	862745	40.00	ng/uL	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	2.616	112	448706	44.34	ng/uL	0.00
Spiked Amount 75.000	Range 10 - 120		Recovery = 59.12%			
6) Phenol-d5	2.981	99	613296	45.53	ng/uL	0.00
Spiked Amount 75.000	Range 39 - 120		Recovery = 60.71%			
10) 2-Chlorophenol-d4	3.075	132	411216	43.36	ng/uL	0.00
Spiked Amount 75.000	Range 30 - 120		Recovery = 57.81%			
14) 1,2-Dichlorobenzene-d4	3.257	150	473576	40.62	ng/uL	0.00
Spiked Amount 75.000	Range 16 - 120		Recovery = 54.16%			
23) Nitrobenzene-d5	3.440	82	600882	45.13	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery = 90.26%			
42) 2-Fluorobiphenyl	4.481	172	810021	40.53	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery = 81.06%			
68) 2,4,6-Tribromophenol	5.575	330	124651	46.46	ng/uL	0.00
Spiked Amount 75.000	Range 27 - 134		Recovery = 61.95%			
85) p-Terphenyl-d14	7.534	244	931425	42.74	ng/uL	0.00
Spiked Amount 50.000	Range 29 - 126		Recovery = 85.48%			
Target Compounds						Qvalue
2) 1,4-Dioxane	2.110	58	138535	39.03	ng/uL	100
3) n-Nitrosodimethylamine	2.187	74	329863	41.09	ng/uL	100
4) Pyridine	2.222	79	552278	41.05	ng/uL	100
7) Phenol	2.987	94	650317	43.72	ng/uL	100
8) Aniline	3.022	93	1311711	42.95	ng/uL#	86
9) Bis(2-chloroethyl)ether	3.022	63	416118	41.80	ng/uL	100
11) 2-Chlorophenol	3.081	128	428749	43.27	ng/uL	100
12) 1,3-Dichlorobenzene	3.152	146	449044	40.34	ng/uL	100
13) 1,4-Dichlorobenzene	3.181	146	429454	38.54	ng/uL	93
15) Benzyl alcohol	3.222	79	420499	43.70	ng/uL	100
16) 1,2-Dichlorobenzene	3.263	146	425408	40.33	ng/uL#	78
17) 2-Methylphenol	3.269	108	456667	44.16	ng/uL	92
18) Bis(2-chloroisopropyl)...	3.275	45	578059	40.39	ng/uL	100
19) 3+4-Methylphenol	3.340	107	511207	45.32	ng/uL	100
20) n-Nitroso-di-n-propyla...	3.340	70	374708	43.35	ng/uL#	10
21) Hexachloroethane	3.434	117	194914	43.86	ng/uL	100
22) Nitrobenzene	3.452	123	229631	43.89	ng/uL	100
25) Isophorone	3.563	82	1043193	42.06	ng/uL	100
26) 2,4-Dimethylphenol	3.616	107	472412	40.81	ng/uL	100
27) 2-Nitrophenol	3.616	139	219914	47.84	ng/uL	100
28) Benzoic acid	3.652	105	331359	55.45	ng/uL	98
29) Bis(2-chloroethoxy)met...	3.657	93	632864	42.29	ng/uL	100
30) 2,4-dichlorophenol	3.746	162	319556	41.92	ng/uL	100
31) 1,2,4-Trichlorobenzene	3.799	180	333077	37.82	ng/uL	100
32) Naphthalene	3.852	128	1275786	39.33	ng/uL#	41
33) 4-Chloroaniline	3.857	65	184402	36.63	ng/uL	100
34) Hexachlorobutadiene	3.910	225	173863	36.91	ng/uL#	1

m 3/11/22

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030622A\
Data File : SV2778.D
Acq On : 6 Mar 2022 6:39 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : SV220306-4CCV
Misc :
ALS Vial : 1 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 19:15:51 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-chloro-3-methylphenol	4.134	107	404097	44.17	ng/uL	100
36) 2-Methylnaphthalene	4.257	142	812840	39.93	ng/uL#	1
37) 1-Methylnaphthalene	4.322	142	753201	40.06	ng/uL	96
39) Hexachlorocyclopentadiene	4.363	237	158684	37.11	ng/uL	100
40) 2,4,6-Trichlorophenol	4.434	196	223869	41.10	ng/uL#	100
41) 2,4,5-Trichlorophenol	4.463	196	229236	41.67	ng/uL	96
43) 2-Chloronaphthalene	4.581	162	720532	41.27	ng/uL	100
44) 2-Nitroaniline	4.640	138	262781	46.49	ng/uL	100
45) 1,4-Dinitrobenzene	4.710	168	117729	47.74	ng/uL#	100
46) Dimethylphthalate	4.740	163	823859	42.17	ng/uL	100
47) 1,3-Dinitrobenzene	4.769	168	135313	43.60	ng/uL#	66
48) 2,6-Dinitrotoluene	4.787	165	186483	41.33	ng/uL	100
49) 1,2-Dinitrobenzene	4.840	168	89932	42.53	ng/uL#	66
50) Acenaphthylene	4.875	152	1211210	41.59	ng/uL	100
51) 3-Nitroaniline	4.922	92	295075	41.98	ng/uL	100
52) 2,4-Dinitrophenol	4.993	184	63798	47.78	ng/uL	100
53) Acenaphthene	4.999	153	783612	41.58	ng/uL	100
54) 4-Nitrophenol	5.040	65	196352	44.03	ng/uL	100
55) 2,4-Dinitrotoluene	5.087	165	243585	43.64	ng/uL	100
56) Dibenzofuran	5.122	168	992772	40.05	ng/uL	100
57) 2,3,5,6-Tetrachlorophenol	5.181	232	179156	43.76	ng/uL	100
58) 2,3,4,6-Tetrachlorophenol	5.216	232	180814	40.64	ng/uL	97
59) Diethylphthalate	5.251	149	855441	43.03	ng/uL	100
60) 4-Chlorophenyl phenyl ...	5.363	204	358079	39.81	ng/uL	100
61) 4-Nitroaniline	5.387	138	233468	42.18	ng/uL	100
62) Fluorene	5.387	166	827286	41.44	ng/uL	100
63) 4,6-Dinitro-2-methylph...	5.404	198	95838	47.61	ng/uL	99
64) n-Nitrosodiphenylamine	5.457	169	697320	41.67	ng/uL	100
65) Azobenzene	5.493	77	1126326	43.20	ng/uL	100
66) 4-Bromophenyl phenyl e...	5.757	248	207955	40.71	ng/uL	100
69) Hexachlorobenzene	5.840	284	234328	40.16	ng/uL	100
70) Pentachlorophenol	5.993	266	136306	42.27	ng/uL	100
71) Phenanthrene	6.169	178	1166970	41.11	ng/uL	100
72) Anthracene	6.210	178	1197861	42.21	ng/uL	100
73) Carbazole	6.340	167	1119295	42.96	ng/uL	100
74) Di-n-butylphthalate	6.598	149	1456819	46.03	ng/uL	100
75) Fluoranthene	7.198	202	1199381	42.09	ng/uL	100
77) Benzidine	7.298	184	585211	35.37	ng/uL	100
78) Pyrene	7.416	202	1229232	42.62	ng/uL	100
79) Butylbenzylphthalate	8.028	149	650694	48.76	ng/uL	100
80) Bis(2-ethylhexyl) adipate	8.098	129	600097	50.81	ng/uL#	83
81) Bis(2-ethylhexyl)phtha...	8.739	149	908758	47.64	ng/uL	100
82) 3,3'-Dichlorobenzidine	8.704	252	398337	40.15	ng/uL	100
83) Benzo[a]anthracene	8.763	228	1127580	40.15	ng/uL	100
84) Chrysene	8.816	228	1050505	40.79	ng/uL	98
86) Di-n-octylphthalate	9.751	149	1461073	54.07	ng/uL	100
88) Benzo[b]fluoranthene	10.510	252	1054311	39.43	ng/uL	100
89) Benzo[k]fluoranthene	10.557	252	1041807	40.18	ng/uL	98
90) Benzo[a]pyrene	11.151	252	917738	40.07	ng/uL	100
91) Dibenzo[a,h]anthracene	13.798	278	961413	40.51	ng/uL	100
92) Indeno(1,2,3-cd)pyrene	13.745	276	933939	42.09	ng/uL#	100
93) Benzo[g,h,i]perylene	14.333	276	974003	40.19	ng/uL	100

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030622A\
Data File : SV2778.D
Acq On : 6 Mar 2022 6:39 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : SV220306-4CCV
Misc :
ALS Vial : 1 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 19:15:51 2022
Response via : Initial Calibration

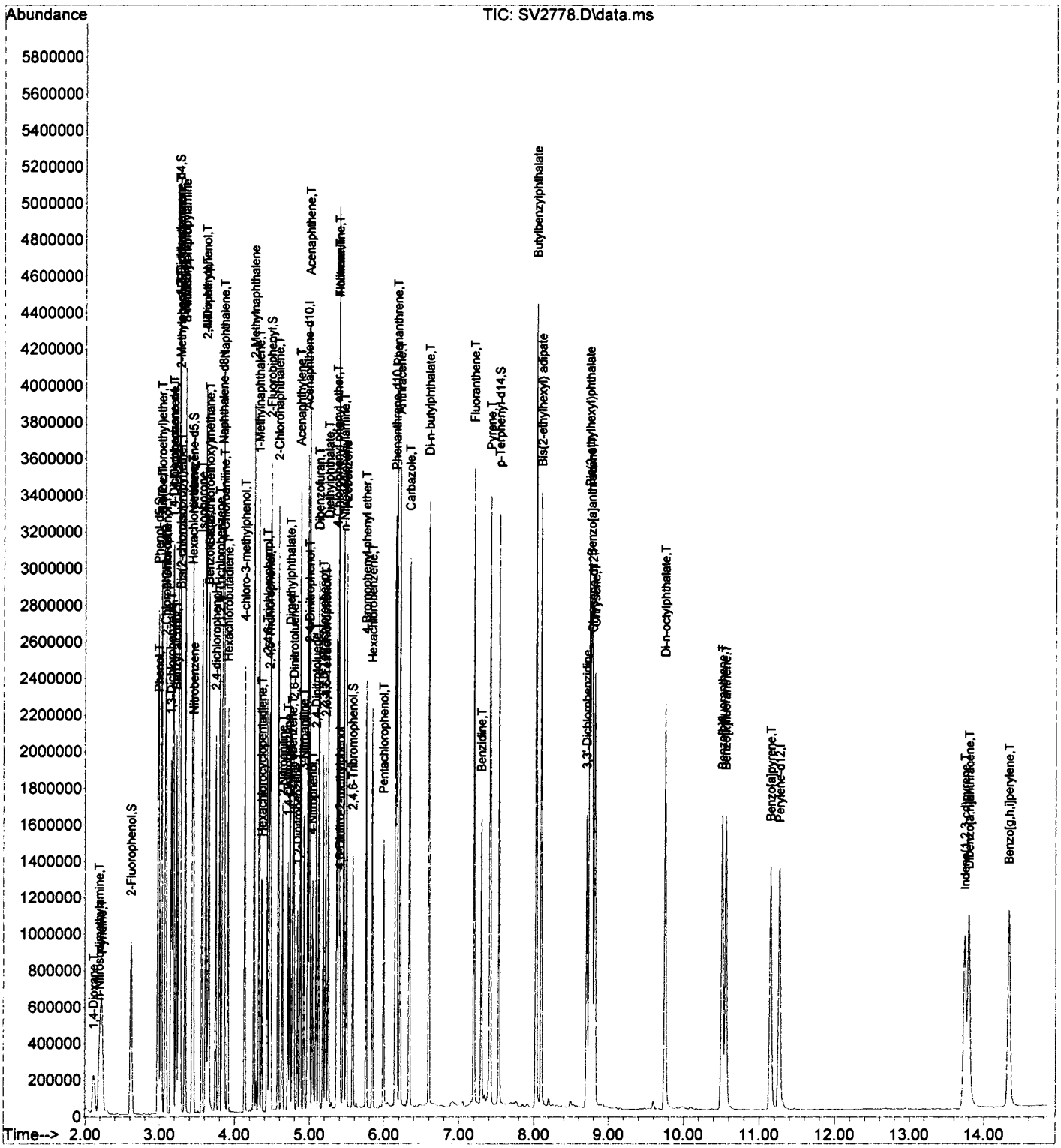
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030622A\
Data File : SV2778.D
Acq On : 6 Mar 2022 6:39 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : SV220306-4CCV
Misc :
ALS Vial : 1 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 19:15:51 2022
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030722\
Data File : SV2802.D
Acq On : 7 Mar 2022 12:28 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : SV220307-4CCV
Misc :
ALS Vial : 1 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 23:16:56 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.134	152	300466	40.00	ng/uL	0.00
24) Naphthalene-d8	3.775	136	1219823	40.00	ng/uL	0.00
38) Acenaphthene-d10	4.916	164	638444	40.00	ng/uL	0.00
67) Phenanthrene-d10	6.104	188	1095704	40.00	ng/uL	0.00
76) Chrysene-d12	8.739	240	922804	40.00	ng/uL	0.00
87) Perylene-d12	11.222	264	951885	40.00	ng/uL	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	2.593	112	473748	44.60	ng/uL	0.00
Spiked Amount 75.000	Range 10 - 120		Recovery = 59.47%			
6) Phenol-d5	2.946	99	647266	45.78	ng/uL	0.00
Spiked Amount 75.000	Range 39 - 120		Recovery = 61.04%			
10) 2-Chlorophenol-d4	3.040	132	434655	43.66	ng/uL	0.00
Spiked Amount 75.000	Range 30 - 120		Recovery = 58.21%			
14) 1,2-Dichlorobenzene-d4	3.210	150	495106	40.46	ng/uL	0.00
Spiked Amount 75.000	Range 16 - 120		Recovery = 53.95%			
23) Nitrobenzene-d5	3.393	82	646692	46.27	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery = 92.54%			
42) 2-Fluorobiphenyl	4.410	172	846070	40.21	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery = 80.42%			
68) 2,4,6-Tribromophenol	5.528	330	129105	45.88	ng/uL	0.00
Spiked Amount 75.000	Range 27 - 134		Recovery = 61.17%			
85) p-Terphenyl-d14	7.498	244	977352	42.31	ng/uL	0.00
Spiked Amount 50.000	Range 29 - 126		Recovery = 84.62%			
Target Compounds						Qvalue
2) 1,4-Dioxane	2.104	58	153029	41.07	ng/uL	98
3) n-Nitrosodimethylamine	2.175	74	359877	42.71	ng/uL	99
4) Pyridine	2.204	79	593779	42.05	ng/uL	97
7) Phenol	2.951	94	690995	44.26	ng/uL	98
8) Aniline	2.987	93	1407348	43.90	ng/uL	100
9) Bis(2-chloroethyl)ether	2.987	63	446970	42.77	ng/uL	99
11) 2-Chlorophenol	3.046	128	453155	43.56	ng/uL	98
12) 1,3-Dichlorobenzene	3.110	146	466064	39.89	ng/uL	99
13) 1,4-Dichlorobenzene	3.140	146	455095	38.90	ng/uL	98
15) Benzyl alcohol	3.181	79	463042	45.84	ng/uL	98
16) 1,2-Dichlorobenzene	3.216	146	442873	40.00	ng/uL	99
17) 2-Methylphenol	3.222	108	477812	44.02	ng/uL	98
18) Bis(2-chloroisopropyl)...	3.234	45	645494	42.97	ng/uL	98
19) 3+4-Methylphenol	3.293	107	545233	46.05	ng/uL	99
20) n-Nitroso-di-n-propyla...	3.293	70	413823	45.61	ng/uL	99
21) Hexachloroethane	3.387	117	206819	44.33	ng/uL	99
22) Nitrobenzene	3.399	123	243846	44.40	ng/uL	99
25) Isophorone	3.510	82	1123523	43.57	ng/uL	99
26) 2,4-Dimethylphenol	3.557	107	496583	41.24	ng/uL	97
27) 2-Nitrophenol	3.563	139	238765	49.68	ng/uL	98
28) Benzoic acid	3.599	105	416203	63.40	ng/uL	96
29) Bis(2-chloroethoxy)met...	3.599	93	675373	43.41	ng/uL	99
30) 2,4-dichlorophenol	3.693	162	336072	42.40	ng/uL	99
31) 1,2,4-Trichlorobenzene	3.740	180	344577	37.63	ng/uL	99
32) Naphthalene	3.787	128	1349722	40.01	ng/uL	100
33) 4-Chloroaniline	3.798	65	206340	39.42	ng/uL	93
34) Hexachlorobutadiene	3.846	225	178572	36.46	ng/uL	100

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030722\
Data File : SV2802.D
Acq On : 7 Mar 2022 12:28 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : SV220307-4CCV
Misc :
ALS Vial : 1 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 23:16:56 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-chloro-3-methylphenol	4.069	107	435980	45.83	ng/uL	99
36) 2-Methylnaphthalene	4.193	142	861825	40.71	ng/uL	99
37) 1-Methylnaphthalene	4.257	142	791619	40.50	ng/uL	99
39) Hexachlorocyclopentadiene	4.293	237	203747	44.02	ng/uL	99
40) 2,4,6-Trichlorophenol	4.369	196	229716	40.14	ng/uL	97
41) 2,4,5-Trichlorophenol	4.398	196	244579	42.20	ng/uL	99
43) 2-Chloronaphthalene	4.516	162	753212	40.99	ng/uL	100
44) 2-Nitroaniline	4.569	138	284487	47.68	ng/uL	98
45) 1,4-Dinitrobenzene	4.646	168	127227	48.81	ng/uL	96
46) Dimethylphthalate	4.675	163	876702	42.64	ng/uL	98
47) 1,3-Dinitrobenzene	4.710	168	145446	44.44	ng/uL	98
48) 2,6-Dinitrotoluene	4.728	165	199450	41.95	ng/uL	98
49) 1,2-Dinitrobenzene	4.775	168	97532	43.73	ng/uL	98
50) Acenaphthylene	4.816	152	1297686	42.34	ng/uL	100
51) 3-Nitroaniline	4.863	92	336342	45.23	ng/uL	99
52) 2,4-Dinitrophenol	4.934	184	102941	63.22	ng/uL	99
53) Acenaphthene	4.940	153	828475	41.77	ng/uL	98
54) 4-Nitrophenol	4.981	65	222251	46.93	ng/uL	98
55) 2,4-Dinitrotoluene	5.028	165	265921	45.10	ng/uL	99
56) Dibenzofuran	5.063	168	1046043	40.09	ng/uL	99
57) 2,3,5,6-Tetrachlorophenol	5.128	232	189554	43.96	ng/uL	99
58) 2,3,4,6-Tetrachlorophenol	5.157	232	191452	40.86	ng/uL	99
59) Diethylphthalate	5.193	149	917380	43.84	ng/uL	99
60) 4-Chlorophenyl phenyl ...	5.310	204	373252	39.42	ng/uL	99
61) 4-Nitroaniline	5.334	138	260935	44.57	ng/uL	96
62) Fluorene	5.334	166	873006	41.54	ng/uL	99
63) 4,6-Dinitro-2-methylph...	5.351	198	130110	57.54	ng/uL	98
64) n-Nitrosodiphenylamine	5.398	169	745509	42.32	ng/uL	99
65) Azobenzene	5.440	77	1227402	44.72	ng/uL	99
66) 4-Bromophenyl phenyl e...	5.710	248	217667	40.48	ng/uL	99
69) Hexachlorobenzene	5.792	284	242089	39.51	ng/uL	99
70) Pentachlorophenol	5.945	266	140819	41.69	ng/uL	99
71) Phenanthrene	6.128	178	1231870	41.33	ng/uL	100
72) Anthracene	6.169	178	1279124	42.92	ng/uL	100
73) Carbazole	6.298	167	1205161	44.05	ng/uL	100
74) Di-n-butylphthalate	6.557	149	1559433	46.92	ng/uL	100
75) Fluoranthene	7.163	202	1286896	43.01	ng/uL	100
77) Benzidine	7.263	184	884085	47.93	ng/uL	99
78) Pyrene	7.381	202	1310774	42.87	ng/uL	100
79) Butylbenzylphthalate	7.986	149	710759	50.05	ng/uL	98
80) Bis(2-ethylhexyl) adipate	8.057	129	659201	52.37	ng/uL	100
81) Bis(2-ethylhexyl)phtha...	8.698	149	992027	48.88	ng/uL	99
82) 3,3'-Dichlorobenzidine	8.669	252	483893	45.36	ng/uL	99
83) Benzo[a]anthracene	8.722	228	1217573	40.90	ng/uL	100
84) Chrysene	8.775	228	1117634	40.94	ng/uL	100
86) Di-n-octylphthalate	9.704	149	1662930	57.31	ng/uL	99
88) Benzo[b]fluoranthene	10.463	252	1183227	40.06	ng/uL	99
89) Benzo[k]fluoranthene	10.516	252	1124549	39.31	ng/uL	99
90) Benzo[a]pyrene	11.104	252	1041592	41.13	ng/uL	99
91) Dibenzo[a,h]anthracene	13.745	278	1106822	42.10	ng/uL	99
92) Indeno(1,2,3-cd)pyrene	13.692	276	1112063	45.04	ng/uL#	99
93) Benzo[g,h,i]perylene	14.292	276	1113796	41.54	ng/uL	98

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030722\
Data File : SV2802.D
Acq On : 7 Mar 2022 12:28 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : SV220307-4CCV
Misc :
ALS Vial : 1 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 23:16:56 2022
Response via : Initial Calibration

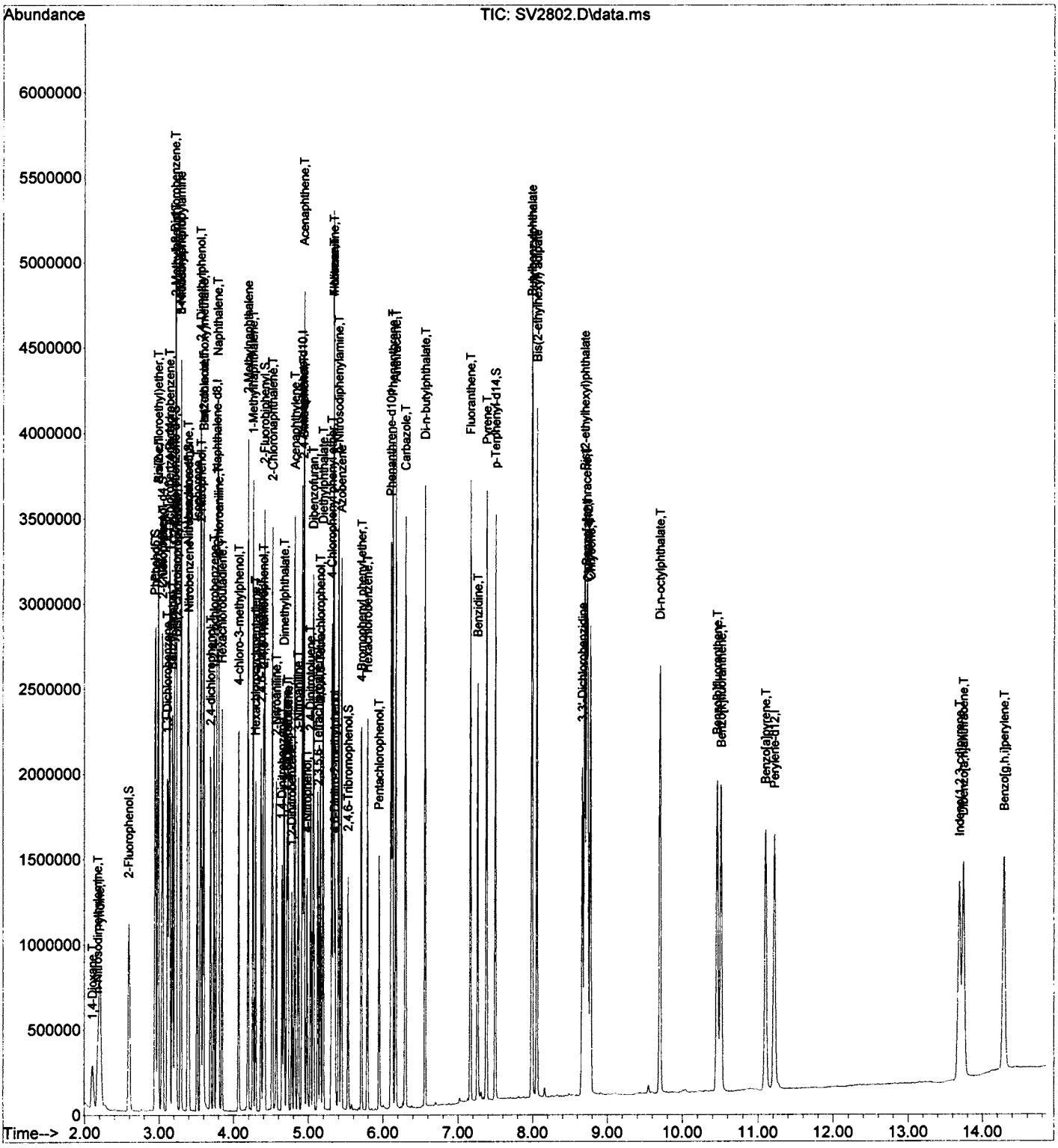
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030722\
Data File : SV2802.D
Acq On : 7 Mar 2022 12:28 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : SV220307-4CCV
Misc :
ALS Vial : 1 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 23:16:56 2022
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\030822A\
Data File : SV2821.D
Acq On : 8 Mar 2022 3:57 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : SV220308-4CCV
Misc :
ALS Vial : 2 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 23:16:56 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.128	152	250050	40.00	ng/uL	0.00
24) Naphthalene-d8	3.769	136	1023569	40.00	ng/uL	0.00
38) Acenaphthene-d10	4.910	164	537311	40.00	ng/uL	0.00
67) Phenanthrene-d10	6.098	188	936555	40.00	ng/uL	0.00
76) Chrysene-d12	8.728	240	807498	40.00	ng/uL	0.00
87) Perylene-d12	11.204	264	823053	40.00	ng/uL	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	2.593	112	394532	44.63	ng/uL	0.00
Spiked Amount 75.000	Range 10 - 120		Recovery = 59.51%			
6) Phenol-d5	2.940	99	538819	45.79	ng/uL	0.00
Spiked Amount 75.000	Range 39 - 120		Recovery = 61.05%			
10) 2-Chlorophenol-d4	3.034	132	360546	43.52	ng/uL	0.00
Spiked Amount 75.000	Range 30 - 120		Recovery = 58.03%			
14) 1,2-Dichlorobenzene-d4	3.204	150	415136	40.76	ng/uL	0.00
Spiked Amount 75.000	Range 16 - 120		Recovery = 54.35%			
23) Nitrobenzene-d5	3.387	82	537026	46.17	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery = 92.34%			
42) 2-Fluorobiphenyl	4.404	172	717635	40.53	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery = 81.06%			
68) 2,4,6-Tribromophenol	5.522	330	108404	45.15	ng/uL	0.00
Spiked Amount 75.000	Range 27 - 134		Recovery = 60.20%			
85) p-Terphenyl-d14	7.492	244	841485	41.63	ng/uL	0.00
Spiked Amount 50.000	Range 29 - 126		Recovery = 83.26%			
Target Compounds						Qvalue
2) 1,4-Dioxane	2.099	58	126194	40.70	ng/uL	98
3) n-Nitrosodimethylamine	2.175	74	298846	42.61	ng/uL	99
4) Pyridine	2.204	79	493994	42.03	ng/uL	98
7) Phenol	2.946	94	570917	43.94	ng/uL	98
8) Aniline	2.981	93	1172417	43.95	ng/uL	100
9) Bis(2-chloroethyl)ether	2.987	63	371226	42.68	ng/uL	100
11) 2-Chlorophenol	3.040	128	376554	43.50	ng/uL	98
12) 1,3-Dichlorobenzene	3.110	146	387138	39.81	ng/uL	99
13) 1,4-Dichlorobenzene	3.140	146	386955	39.75	ng/uL	98
15) Benzyl alcohol	3.175	79	381483	45.38	ng/uL	99
16) 1,2-Dichlorobenzene	3.216	146	372079	40.38	ng/uL	99
17) 2-Methylphenol	3.216	108	401727	44.47	ng/uL	99
18) Bis(2-chloroisopropyl)...	3.228	45	528779	42.29	ng/uL	99
19) 3+4-Methylphenol	3.287	107	449510	45.62	ng/uL	99
20) n-Nitroso-di-n-propyla...	3.287	70	344714	45.65	ng/uL	99
21) Hexachloroethane	3.381	117	172384	44.40	ng/uL	98
22) Nitrobenzene	3.393	123	200876	43.95	ng/uL	98
25) Isophorone	3.504	82	941856	43.53	ng/uL	100
26) 2,4-Dimethylphenol	3.551	107	413975	40.98	ng/uL	98
27) 2-Nitrophenol	3.557	139	197597	49.09	ng/uL	98
28) Benzoic acid	3.593	105	350157	63.51	ng/uL	95
29) Bis(2-chloroethoxy)met...	3.593	93	565990	43.35	ng/uL	99
30) 2,4-dichlorophenol	3.687	162	279681	42.05	ng/uL	99
31) 1,2,4-Trichlorobenzene	3.734	180	287539	37.42	ng/uL	99
32) Naphthalene	3.781	128	1128113	39.86	ng/uL	99
33) 4-Chloroaniline	3.793	65	172815	39.35	ng/uL	94
34) Hexachlorobutadiene	3.840	225	148657	36.17	ng/uL	99

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\030822A\
Data File : SV2821.D
Acq On : 8 Mar 2022 3:57 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : SV220308-4CCV
Misc :
ALS Vial : 2 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 23:16:56 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-chloro-3-methylphenol	4.063	107	365905	45.84	ng/uL	99
36) 2-Methylnaphthalene	4.187	142	723440	40.73	ng/uL	99
37) 1-Methylnaphthalene	4.251	142	666006	40.60	ng/uL	99
39) Hexachlorocyclopentadiene	4.287	237	168678	43.41	ng/uL	98
40) 2,4,6-Trichlorophenol	4.363	196	193564	40.19	ng/uL	98
41) 2,4,5-Trichlorophenol	4.393	196	205250	42.09	ng/uL	99
43) 2-Chloronaphthalene	4.510	162	633903	40.99	ng/uL	100
44) 2-Nitroaniline	4.563	138	239288	47.66	ng/uL	98
45) 1,4-Dinitrobenzene	4.640	168	108791	49.47	ng/uL	97
46) Dimethylphthalate	4.669	163	736029	42.53	ng/uL	98
47) 1,3-Dinitrobenzene	4.704	168	123654	44.84	ng/uL	98
48) 2,6-Dinitrotoluene	4.716	165	169809	42.41	ng/uL	99
49) 1,2-Dinitrobenzene	4.769	168	81721	43.55	ng/uL	97
50) Acenaphthylene	4.810	152	1095909	42.48	ng/uL	99
51) 3-Nitroaniline	4.857	92	284896	45.50	ng/uL	99
52) 2,4-Dinitrophenol	4.928	184	91689	65.57	ng/uL	99
53) Acenaphthene	4.934	153	704456	42.20	ng/uL	98
54) 4-Nitrophenol	4.975	65	187373	47.00	ng/uL	99
55) 2,4-Dinitrotoluene	5.022	165	224236	45.18	ng/uL	99
56) Dibenzofuran	5.057	168	895071	40.76	ng/uL	99
57) 2,3,5,6-Tetrachlorophenol	5.122	232	158495	43.71	ng/uL	99
58) 2,3,4,6-Tetrachlorophenol	5.151	232	161865	41.04	ng/uL	99
59) Diethylphthalate	5.187	149	781376	44.37	ng/uL	99
60) 4-Chlorophenyl phenyl ...	5.304	204	315315	39.57	ng/uL	98
61) 4-Nitroaniline	5.328	138	224680	45.52	ng/uL	98
62) Fluorene	5.328	166	747184	42.25	ng/uL	100
63) 4,6-Dinitro-2-methylph...	5.351	198	112054	58.53	ng/uL	98
64) n-Nitrosodiphenylamine	5.393	169	634050	42.77	ng/uL	99
65) Azobenzene	5.434	77	1035893	44.85	ng/uL	99
66) 4-Bromophenyl phenyl e...	5.704	248	182172	40.25	ng/uL	97
69) Hexachlorobenzene	5.787	284	206771	39.48	ng/uL	99
70) Pentachlorophenol	5.940	266	120446	41.71	ng/uL	99
71) Phenanthrene	6.122	178	1059749	41.60	ng/uL	100
72) Anthracene	6.163	178	1086550	42.66	ng/uL	100
73) Carbazole	6.292	167	1035937	44.30	ng/uL	100
74) Di-n-butylphthalate	6.551	149	1321702	46.53	ng/uL	100
75) Fluoranthene	7.157	202	1107626	43.31	ng/uL	99
77) Benzidine	7.251	184	769064	47.69	ng/uL	99
78) Pyrene	7.369	202	1126370	42.10	ng/uL	100
79) Butylbenzylphthalate	7.975	149	611237	49.29	ng/uL	98
80) Bis(2-ethylhexyl) adipate	8.045	129	560145	51.08	ng/uL	100
81) Bis(2-ethylhexyl)phtha...	8.686	149	849781	47.97	ng/uL	99
82) 3,3'-Dichlorobenzidine	8.657	252	415126	44.57	ng/uL	99
83) Benzo[a]anthracene	8.710	228	1053975	40.46	ng/uL	100
84) Chrysene	8.763	228	981586	41.09	ng/uL	100
86) Di-n-octylphthalate	9.686	149	1435087	56.66	ng/uL	99
88) Benzo[b]fluoranthene	10.451	252	1013417	39.71	ng/uL	99
89) Benzo[k]fluoranthene	10.498	252	975305	39.43	ng/uL	99
90) Benzo[a]pyrene	11.086	252	895520	40.91	ng/uL	99
91) Dibenzo[a,h]anthracene	13.727	278	956647	42.09	ng/uL	99
92) Indeno(1,2,3-cd)pyrene	13.674	276	949649	44.54	ng/uL#	96
93) Benzo[g,h,i]perylene	14.274	276	970359	41.83	ng/uL	98

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\030822A\
Data File : SV2821.D
Acq On : 8 Mar 2022 3:57 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : SV220308-4CCV
Misc :
ALS Vial : 2 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 23:16:56 2022
Response via : Initial Calibration

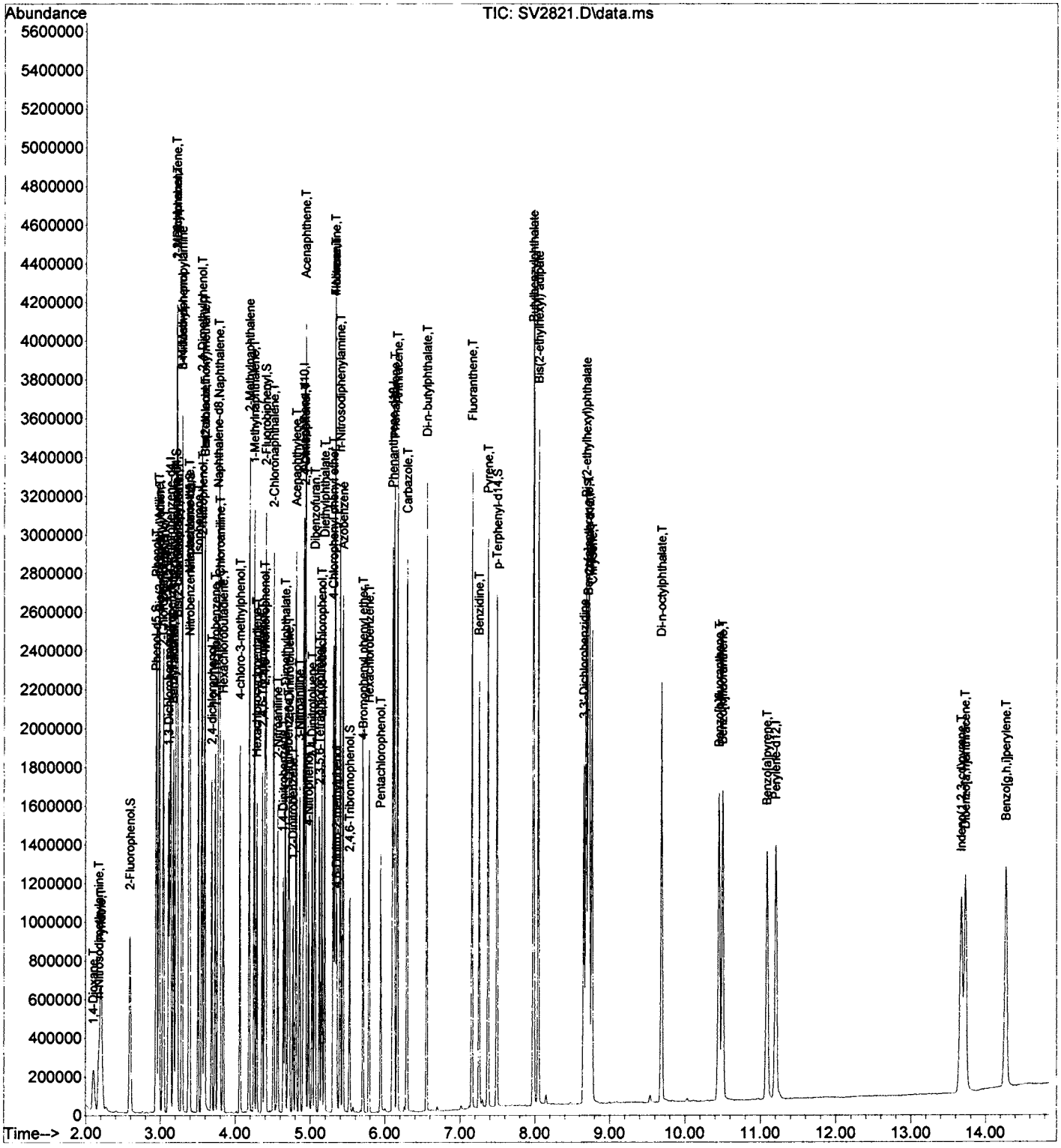
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\030822A\
Data File : SV2821.D
Acq On : 8 Mar 2022 3:57 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : SV220308-4CCV
Misc :
ALS Vial : 2 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 23:16:56 2022
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\031222A\
Data File : SV2882.D
Acq On : 12 Mar 2022 1:49 am
Operator : TK HPSV4 sn #: CV11451177
Sample : SV220312-4CCV
Misc :
ALS Vial : 1 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sat Mar 12 18:53:52 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.146	152	289177	40.00	ng/uL	0.00
24) Naphthalene-d8	3.804	136	1133866	40.00	ng/uL	0.00
38) Acenaphthene-d10	4.946	164	598542	40.00	ng/uL	0.00
67) Phenanthrene-d10	6.122	188	1047871	40.00	ng/uL	0.00
76) Chrysene-d12	8.745	240	934698	40.00	ng/uL	0.00
87) Perylene-d12	11.227	264	898919	40.00	ng/uL	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	2.599	112	440116	43.05	ng/uL	0.00
Spiked Amount 75.000	Range 10 - 120		Recovery = 57.40%			
6) Phenol-d5	2.957	99	607747	44.66	ng/uL	0.00
Spiked Amount 75.000	Range 39 - 120		Recovery = 59.55%			
10) 2-Chlorophenol-d4	3.052	132	410487	42.84	ng/uL	0.00
Spiked Amount 75.000	Range 30 - 120		Recovery = 57.12%			
14) 1,2-Dichlorobenzene-d4	3.228	150	480091	40.76	ng/uL	0.00
Spiked Amount 75.000	Range 16 - 120		Recovery = 54.35%			
23) Nitrobenzene-d5	3.410	82	609980	45.35	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery = 90.70%			
42) 2-Fluorobiphenyl	4.446	172	823645	41.76	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery = 83.52%			
68) 2,4,6-Tribromophenol	5.551	330	129873	48.03	ng/uL	0.00
Spiked Amount 75.000	Range 27 - 134		Recovery = 64.04%			
85) p-Terphenyl-d14	7.504	244	977927	41.79	ng/uL	0.00
Spiked Amount 50.000	Range 29 - 126		Recovery = 83.58%			
Target Compounds						Qvalue
2) 1,4-Dioxane	2.093	58	141445	39.45	ng/uL	100
3) n-Nitrosodimethylamine	2.163	74	338688	41.76	ng/uL	100
4) Pyridine	2.193	79	558441	41.09	ng/uL	100
7) Phenol	2.963	94	654227	43.54	ng/uL	100
8) Aniline	2.999	93	1301947	42.20	ng/uL#	100
9) Bis(2-chloroethyl)ether	2.999	63	422027	41.96	ng/uL	100
11) 2-Chlorophenol	3.057	128	433205	43.27	ng/uL	100
12) 1,3-Dichlorobenzene	3.128	146	449151	39.94	ng/uL	100
13) 1,4-Dichlorobenzene	3.157	146	452022	40.15	ng/uL	97
15) Benzyl alcohol	3.199	79	417525	42.95	ng/uL	100
16) 1,2-Dichlorobenzene	3.234	146	431449	40.49	ng/uL#	100
17) 2-Methylphenol	3.246	108	444699	42.57	ng/uL	100
18) Bis(2-chloroisopropyl)...	3.252	45	586208	40.54	ng/uL	100
19) 3+4-Methylphenol	3.316	107	495568	43.49	ng/uL	100
20) n-Nitroso-di-n-propyla...	3.316	70	384059	43.98	ng/uL#	10
21) Hexachloroethane	3.404	117	199852	44.51	ng/uL	100
22) Nitrobenzene	3.422	123	225880	42.74	ng/uL	100
25) Isophorone	3.534	82	1036297	43.23	ng/uL	100
26) 2,4-Dimethylphenol	3.587	107	459564	41.07	ng/uL	100
27) 2-Nitrophenol	3.587	139	216445	48.61	ng/uL	100
28) Benzoic acid	3.634	105	328722	56.50	ng/uL	98
29) Bis(2-chloroethoxy)met...	3.622	93	617887	42.72	ng/uL	100
30) 2,4-dichlorophenol	3.716	162	314899	42.74	ng/uL	100
31) 1,2,4-Trichlorobenzene	3.763	180	336969	39.59	ng/uL	100
32) Naphthalene	3.816	128	1277605	40.75	ng/uL#	41
33) 4-Chloroaniline	3.828	65	190456	39.15	ng/uL	100
34) Hexachlorobutadiene	3.875	225	179924	39.52	ng/uL#	1

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\031222A\
Data File : SV2882.D
Acq On : 12 Mar 2022 1:49 am
Operator : TK HPSV4 sn #: CV11451177
Sample : SV220312-4CCV
Misc :
ALS Vial : 1 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sat Mar 12 18:53:52 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-chloro-3-methylphenol	4.104	107	394944	44.67	ng/uL	100
36) 2-Methylnaphthalene	4.222	142	829799	42.17	ng/uL#	1
37) 1-Methylnaphthalene	4.293	142	765769	42.14	ng/uL	97
39) Hexachlorocyclopentadiene	4.328	237	188896	43.60	ng/uL	100
40) 2,4,6-Trichlorophenol	4.399	196	215149	40.11	ng/uL#	100
41) 2,4,5-Trichlorophenol	4.434	196	232124	42.69	ng/uL	95
43) 2-Chloronaphthalene	4.546	162	706884	41.03	ng/uL	100
44) 2-Nitroaniline	4.604	138	259062	46.45	ng/uL	100
45) 1,4-Dinitrobenzene	4.681	168	120165	49.12	ng/uL#	100
46) Dimethylphthalate	4.704	163	806823	41.85	ng/uL	100
47) 1,3-Dinitrobenzene	4.740	168	139552	45.38	ng/uL#	71
48) 2,6-Dinitrotoluene	4.757	165	189457	42.47	ng/uL	100
49) 1,2-Dinitrobenzene	4.804	168	92119	44.04	ng/uL#	67
50) Acenaphthylene	4.846	152	1209415	42.09	ng/uL	100
51) 3-Nitroaniline	4.893	92	311098	44.66	ng/uL	100
52) 2,4-Dinitrophenol	4.963	184	76319	54.27	ng/uL	99
53) Acenaphthene	4.969	153	799349	42.99	ng/uL	100
54) 4-Nitrophenol	5.016	65	200284	45.33	ng/uL	100
55) 2,4-Dinitrotoluene	5.057	165	249977	45.21	ng/uL	100
56) Dibenzofuran	5.093	168	1023827	41.85	ng/uL	100
57) 2,3,5,6-Tetrachlorophenol	5.151	232	178951	44.24	ng/uL	100
58) 2,3,4,6-Tetrachlorophenol	5.187	232	183842	41.78	ng/uL	96
59) Diethylphthalate	5.222	149	845597	43.11	ng/uL	100
60) 4-Chlorophenyl phenyl ...	5.334	204	365927	41.22	ng/uL	100
61) 4-Nitroaniline	5.363	138	238847	43.60	ng/uL	100
62) Fluorene	5.357	166	844019	42.84	ng/uL	100
63) 4,6-Dinitro-2-methylph...	5.381	198	108845	52.88	ng/uL	99
64) n-Nitrosodiphenylamine	5.422	169	715037	43.30	ng/uL	100
65) Azobenzene	5.457	77	1152137	44.78	ng/uL	100
66) 4-Bromophenyl phenyl e...	5.728	248	215684	42.78	ng/uL	100
69) Hexachlorobenzene	5.810	284	244848	41.79	ng/uL	100
70) Pentachlorophenol	5.969	266	124825	39.06	ng/uL	100
71) Phenanthrene	6.145	178	1196881	41.99	ng/uL	100
72) Anthracene	6.187	178	1225054	42.98	ng/uL	99
73) Carbazole	6.310	167	1141235	43.61	ng/uL	100
74) Di-n-butylphthalate	6.569	149	1434983	45.15	ng/uL	100
75) Fluoranthene	7.175	202	1262359	44.12	ng/uL	100
77) Benzidine	7.269	184	743917	40.90	ng/uL	100
78) Pyrene	7.387	202	1290625	41.67	ng/uL	100
79) Butylbenzylphthalate	7.992	149	649301	45.74	ng/uL	100
80) Bis(2-ethylhexyl) adipate	8.063	129	595530	47.50	ng/uL	100
81) Bis(2-ethylhexyl)phtha...	8.704	149	910763	44.84	ng/uL	100
82) 3,3'-Dichlorobenzidine	8.675	252	459437	42.81	ng/uL	100
83) Benzo[a]anthracene	8.734	228	1216882	40.35	ng/uL	100
84) Chrysene	8.781	228	1126170	40.73	ng/uL	98
86) Di-n-octylphthalate	9.710	149	1470322	51.29	ng/uL	100
88) Benzo[b]fluoranthene	10.469	252	1131783	40.54	ng/uL	100
89) Benzo[k]fluoranthene	10.522	252	1121728	41.52	ng/uL	99
90) Benzo[a]pyrene	11.110	252	999655	41.74	ng/uL	100
91) Dibenzo[a,h]anthracene	13.751	278	1066172	42.86	ng/uL	100
92) Indeno(1,2,3-cd)pyrene	13.698	276	1050264	45.04	ng/uL#	100
93) Benzo[g,h,i]perylene	14.298	276	1066788	42.08	ng/uL	100

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\031222A\
Data File : SV2882.D
Acq On : 12 Mar 2022 1:49 am
Operator : TK HPSV4 sn #: CV11451177
Sample : SV220312-4CCV
Misc :
ALS Vial : 1 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sat Mar 12 18:53:52 2022
Response via : Initial Calibration

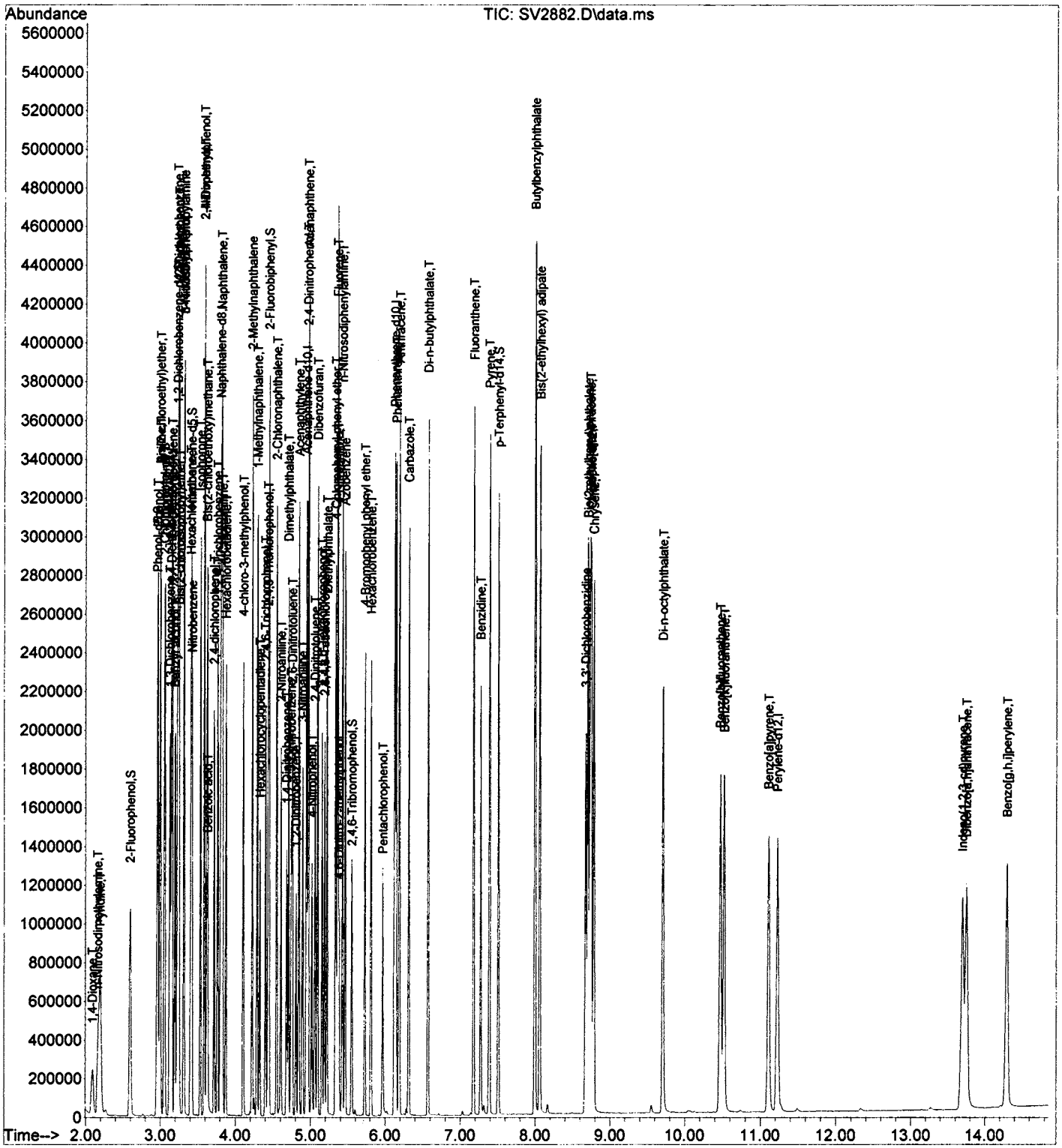
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\031222A\
Data File : SV2882.D
Acq On : 12 Mar 2022 1:49 am
Operator : TK HPSV4 sn #: CV11451177
Sample : SV220312-4CCV
Misc :
ALS Vial : 1 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sat Mar 12 18:53:52 2022
Response via : Initial Calibration



Sample Raw Data

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030622A\
Data File : SV2779.D
Acq On : 6 Mar 2022 6:57 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : EX220302-1MB
Misc :
ALS Vial : 2 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 23:13:06 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.134	152	280153	40.00	ng/uL	0.00
24) Naphthalene-d8	3.781	136	1130969	40.00	ng/uL	0.00
38) Acenaphthene-d10	4.916	164	580814	40.00	ng/uL	0.00
67) Phenanthrene-d10	6.110	188	979999	40.00	ng/uL	0.00
76) Chrysene-d12	8.739	240	814677	40.00	ng/uL	0.00
87) Perylene-d12	11.222	264	816410	40.00	ng/uL	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	2.599	112	639171	64.54	ng/uL	0.00
Spiked Amount 75.000	Range 10 - 120		Recovery = 86.05%			
6) Phenol-d5	2.946	99	860960	65.30	ng/uL	0.00
Spiked Amount 75.000	Range 39 - 120		Recovery = 87.07%			
10) 2-Chlorophenol-d4	3.040	132	571465	61.56	ng/uL	0.00
Spiked Amount 75.000	Range 30 - 120		Recovery = 82.08%			
14) 1,2-Dichlorobenzene-d4	3.216	150	380314	33.33	ng/uL	0.00
Spiked Amount 75.000	Range 16 - 120		Recovery = 44.44%			
23) Nitrobenzene-d5	3.393	82	507773	38.97	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery = 77.94%			
42) 2-Fluorobiphenyl	4.416	172	754417	39.41	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery = 78.82%			
68) 2,4,6-Tribromophenol	5.528	330	158734	60.99	ng/uL	0.00
Spiked Amount 75.000	Range 27 - 134		Recovery = 81.32%			
85) p-Terphenyl-d14	7.504	244	900584	44.16	ng/uL	0.00
Spiked Amount 50.000	Range 29 - 126		Recovery = 88.32%			
Target Compounds						Qvalue
81) Bis(2-ethylhexyl)phtha...	8.704	149	9092	3.39	ng/uL	96

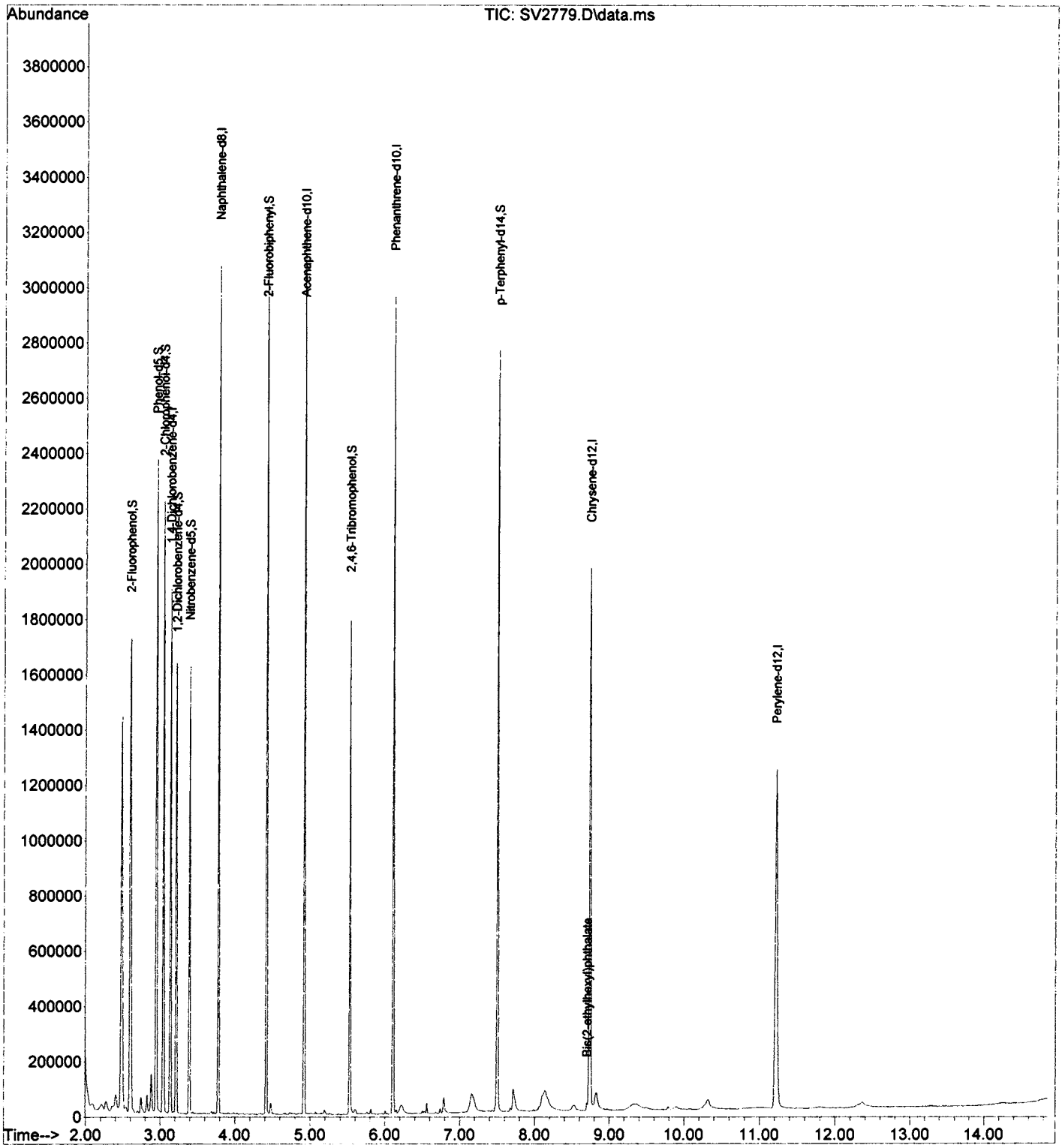
(#) = qualifier out of range (m) = manual integration (+) = signals summed

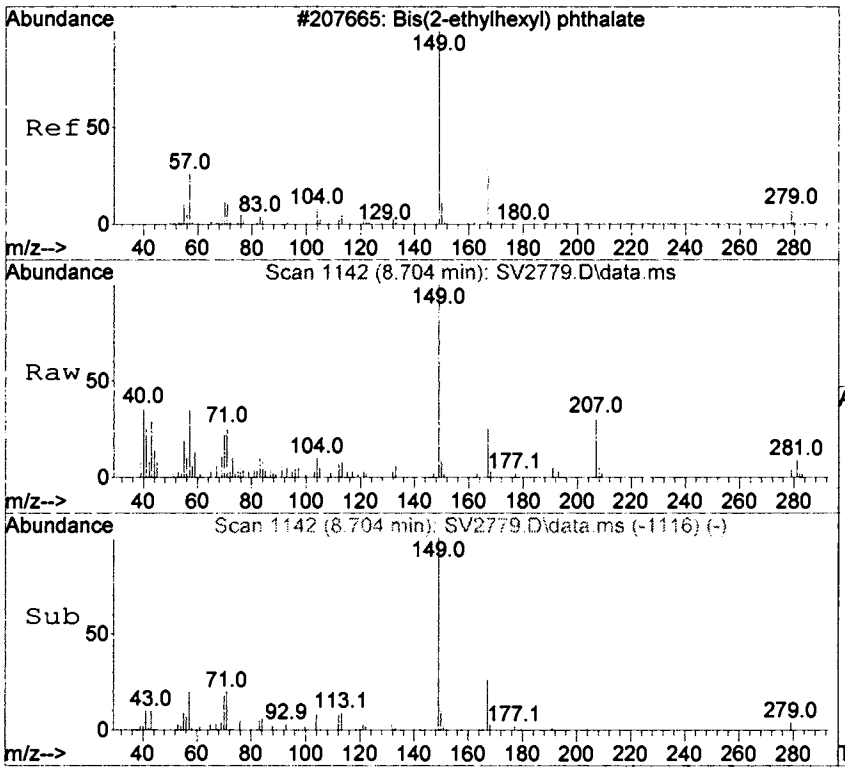
3/6/22

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030622A\
Data File : SV2779.D
Acq On : 6 Mar 2022 6:57 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : EX220302-1MB
Misc :
ALS Vial : 2 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 23:13:06 2022
Response via : Initial Calibration

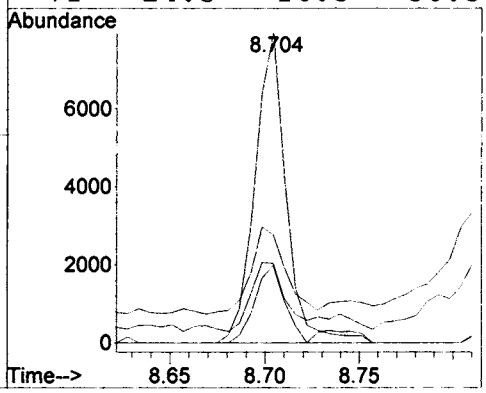




#81
Bis(2-ethylhexyl)phthalate
Concen: 3.39 ng/uL
RT: 8.704 min Scan# 1142
Delta R.T. 0.000 min
Lab File: SV2779.D
Acq: 6 Mar 2022 6:57 pm

Tgt Ion:149 Resp: 9092

Ion	Ratio	Lower	Upper
149	100		
167	23.6	19.3	35.9
57	30.8	22.4	41.6
71	24.3	16.3	30.3



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030622A\
Data File : SV2781.D
Acq On : 6 Mar 2022 7:33 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : EX220303-2MB
Misc :
ALS Vial : 4 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 23:16:56 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.128	152	291047	40.00	ng/uL	0.00
24) Naphthalene-d8	3.769	136	1173147	40.00	ng/uL	0.00
38) Acenaphthene-d10	4.910	164	608317	40.00	ng/uL	0.00
67) Phenanthrene-d10	6.098	188	1038688	40.00	ng/uL	0.00
76) Chrysene-d12	8.728	240	854003	40.00	ng/uL	0.00
87) Perylene-d12	11.210	264	853523	40.00	ng/uL	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	2.593	112	672230	65.33	ng/uL	0.00
Spiked Amount 75.000	Range 10 - 120		Recovery = 87.11%			
6) Phenol-d5	2.940	99	915948	66.87	ng/uL	0.00
Spiked Amount 75.000	Range 39 - 120		Recovery = 89.16%			
10) 2-Chlorophenol-d4	3.034	132	606296	62.87	ng/uL	0.00
Spiked Amount 75.000	Range 30 - 120		Recovery = 83.83%			
14) 1,2-Dichlorobenzene-d4	3.204	150	401529	33.87	ng/uL	0.00
Spiked Amount 75.000	Range 16 - 120		Recovery = 45.16%			
23) Nitrobenzene-d5	3.387	82	528060	39.01	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery = 78.02%			
42) 2-Fluorobiphenyl	4.404	172	806454	40.23	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery = 80.46%			
68) 2,4,6-Tribromophenol	5.522	330	171316	61.97	ng/uL	0.00
Spiked Amount 75.000	Range 27 - 134		Recovery = 82.63%			
85) p-Terphenyl-d14	7.492	244	996858	46.63	ng/uL	0.00
Spiked Amount 50.000	Range 29 - 126		Recovery = 93.26%			
Target Compounds						Qvalue

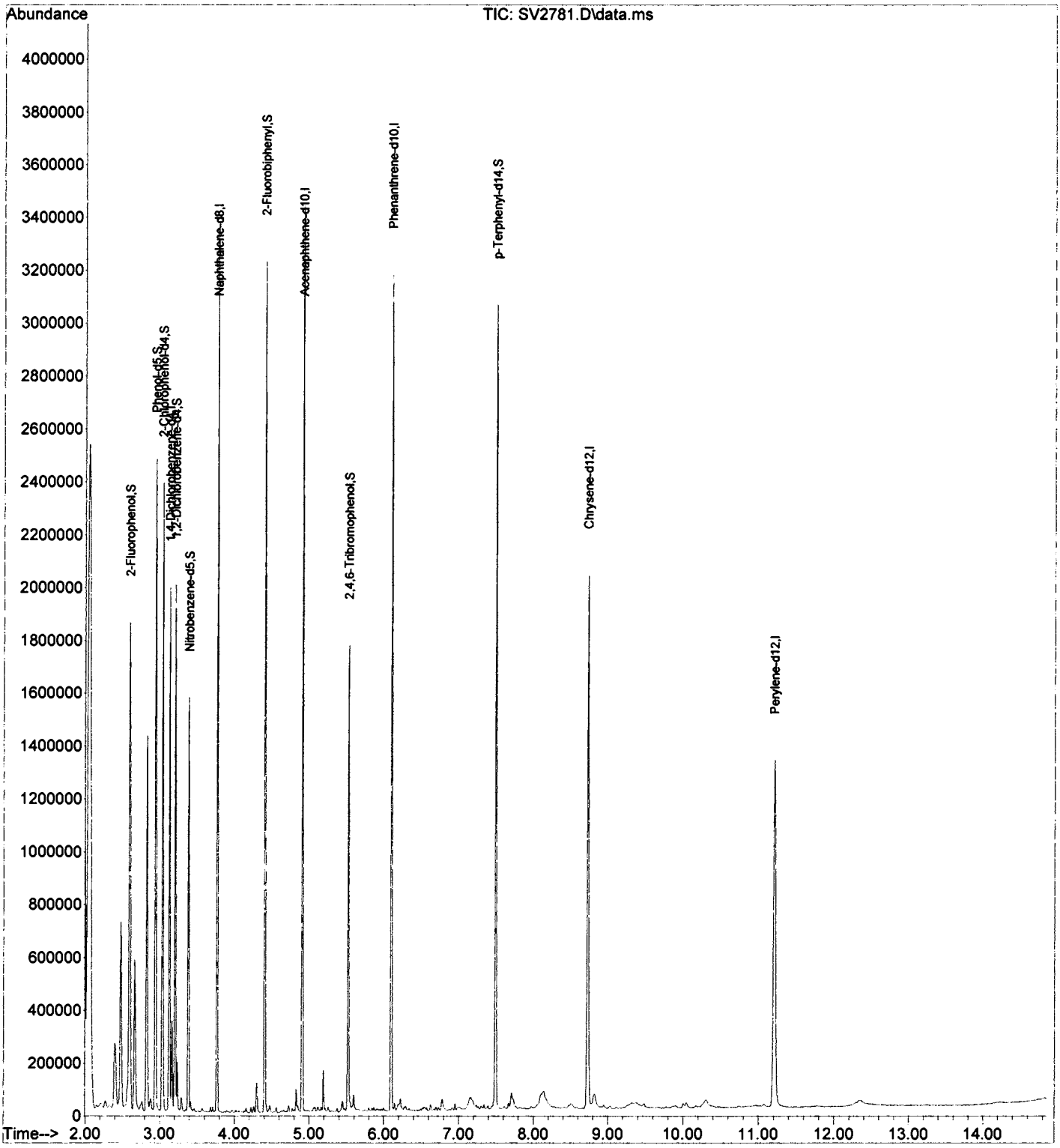
(#) = qualifier out of range (m) = manual integration (+) = signals summed

m 3/6/22

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030622A\
Data File : SV2781.D
Acq On : 6 Mar 2022 7:33 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : EX220303-2MB
Misc :
ALS Vial : 4 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 23:16:56 2022
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030622A\
Data File : SV2784.D
Acq On : 6 Mar 2022 8:28 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-1
Misc :
ALS Vial : 7 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 23:16:56 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.134	152	305529	40.00	ng/uL	0.00
24) Naphthalene-d8	3.775	136	1223041	40.00	ng/uL	0.00
38) Acenaphthene-d10	4.910	164	621263	40.00	ng/uL	0.00
67) Phenanthrene-d10	6.104	188	1038026	40.00	ng/uL	0.00
76) Chrysene-d12	8.734	240	851019	40.00	ng/uL	0.00
87) Perylene-d12	11.216	264	870852	40.00	ng/uL	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	2.599	112	183247	16.97	ng/uL	0.00
Spiked Amount 75.000	Range 10 - 120		Recovery = 22.63%			
6) Phenol-d5	2.946	99	248248	17.27	ng/uL	0.00
Spiked Amount 75.000	Range 39 - 120		Recovery = 23.03%#			
10) 2-Chlorophenol-d4	3.040	132	162216	16.02	ng/uL	0.00
Spiked Amount 75.000	Range 30 - 120		Recovery = 21.36%#			
14) 1,2-Dichlorobenzene-d4	3.210	150	116094	9.33	ng/uL	0.00
Spiked Amount 75.000	Range 16 - 120		Recovery = 12.44%#			
23) Nitrobenzene-d5	3.393	82	151634	10.67	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery = 21.34%#			
42) 2-Fluorobiphenyl	4.410	172	218061	10.65	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery = 21.30%#			
68) 2,4,6-Tribromophenol	5.522	330	36939	14.91	ng/uL	0.00
Spiked Amount 75.000	Range 27 - 134		Recovery = 19.88%#			
85) p-Terphenyl-d14	7.498	244	235885	11.07	ng/uL	0.00
Spiked Amount 50.000	Range 29 - 126		Recovery = 22.14%#			
Target Compounds						Qvalue
81) Bis(2-ethylhexyl)phtha...	8.692	149	5725	3.18	ng/uL#	1
86) Di-n-octylphthalate	9.728	149	994	5.43	ng/uL#	1

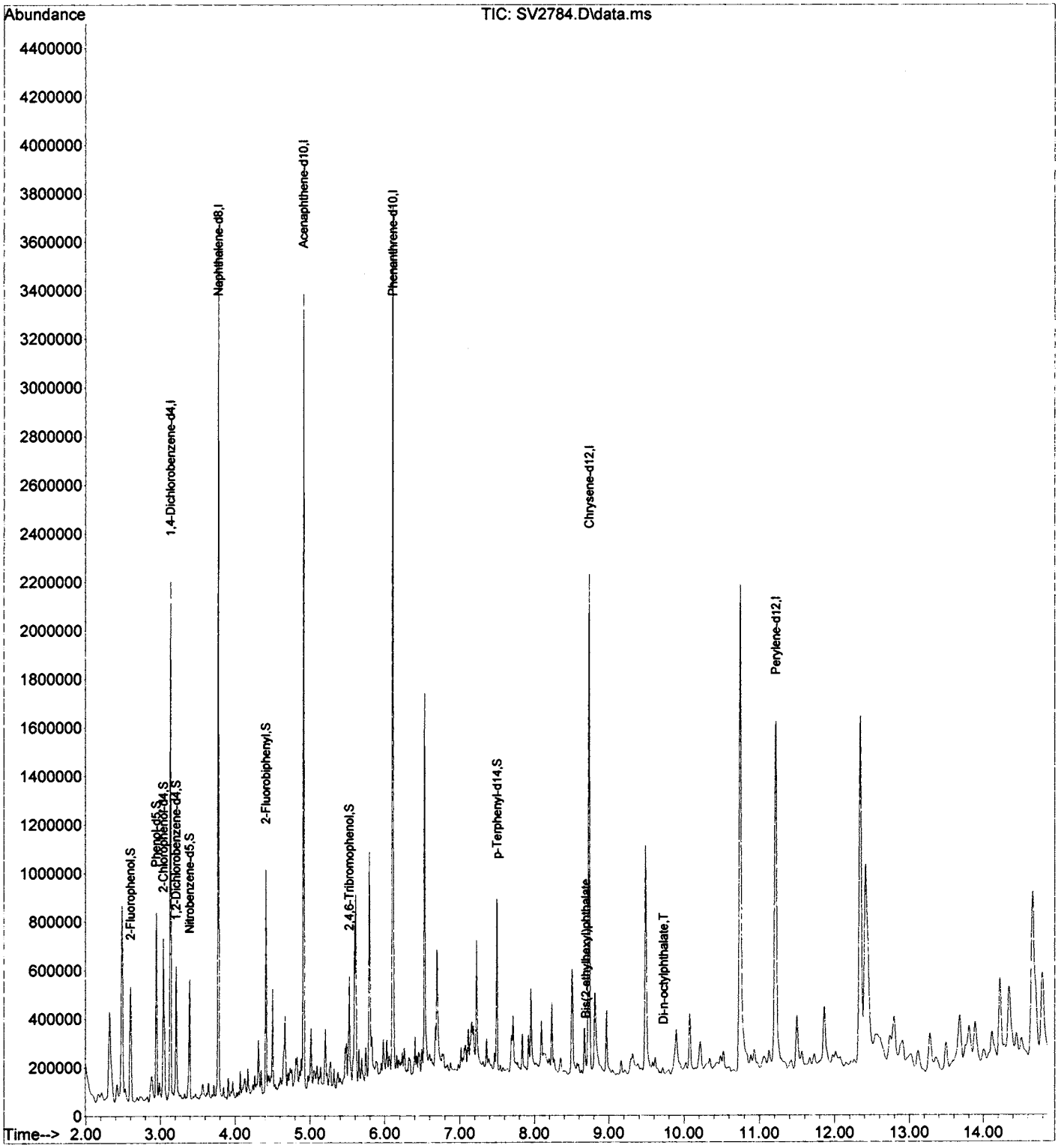
(#) = qualifier out of range (m) = manual integration (+) = signals summed

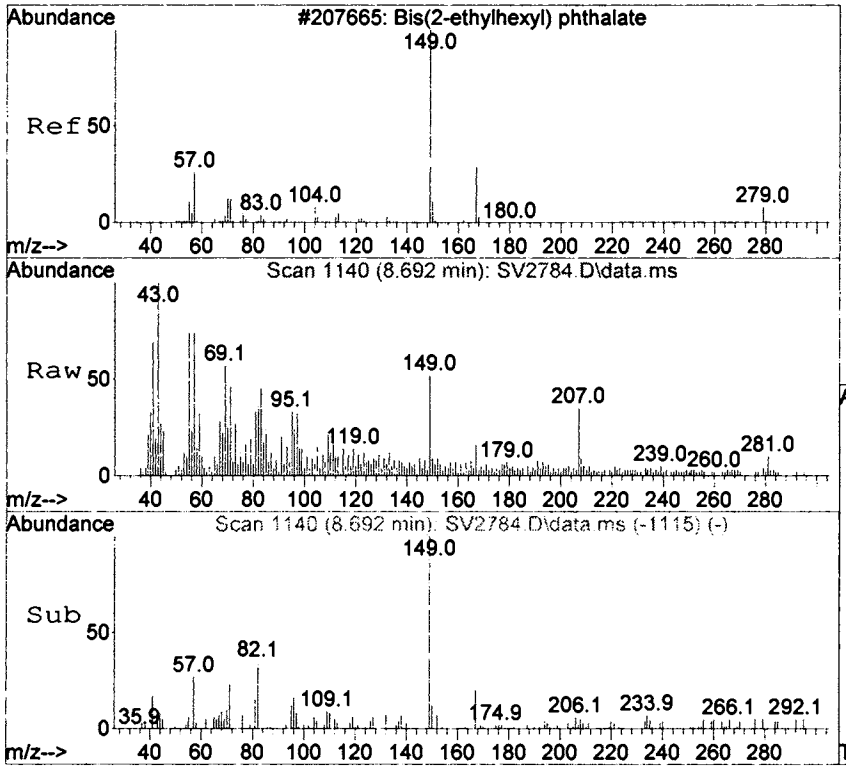
3/10/22

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030622A\
Data File : SV2784.D
Acq On : 6 Mar 2022 8:28 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-1
Misc :
ALS Vial : 7 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 23:16:56 2022
Response via : Initial Calibration

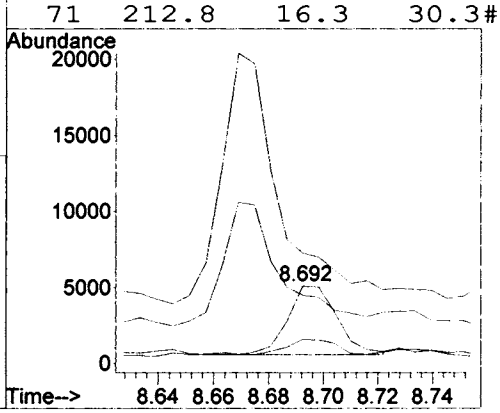


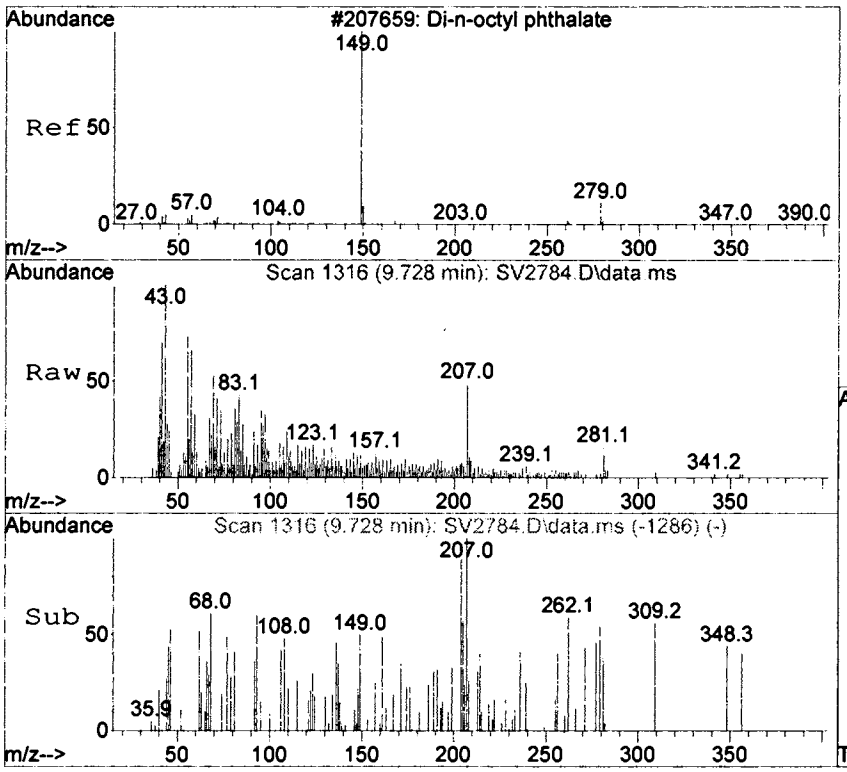


#81
Bis(2-ethylhexyl)phthalate
Concen: 3.18 ng/uL
RT: 8.692 min Scan# 1140
Delta R.T. -0.006 min
Lab File: SV2784.D
Acq: 6 Mar 2022 8:28 pm

Tgt Ion:149 Resp: 5725

Ion	Ratio	Lower	Upper
149	100		
167	23.6	19.3	35.9
57	451.1	22.4	41.6#
71	212.8	16.3	30.3#

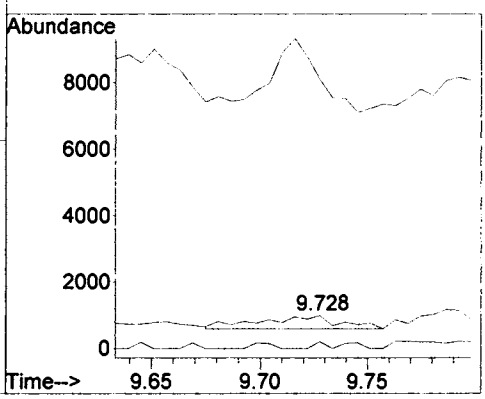




#86
Di-n-octylphthalate
Concen: 5.43 ng/uL
RT: 9.728 min Scan# 1316
Delta R.T. 0.024 min
Lab File: SV2784.D
Acq: 6 Mar 2022 8:28 pm

Tgt Ion:149 Resp: 994

Ion	Ratio	Lower	Upper
149	100		
279	0.0	3.1	5.8#
43	341.1	7.4	13.8#



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030622A\
Data File : SV2787.D
Acq On : 6 Mar 2022 9:21 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-9
Misc :
ALS Vial : 10 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 23:16:56 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.134	152	296745	40.00	ng/uL	0.00
24) Naphthalene-d8	3.769	136	1199990	40.00	ng/uL	0.00
38) Acenaphthene-d10	4.910	164	616737	40.00	ng/uL	0.00
67) Phenanthrene-d10	6.098	188	1016458	40.00	ng/uL	0.00
76) Chrysene-d12	8.733	240	847835	40.00	ng/uL	0.00
87) Perylene-d12	11.216	264	873407	40.00	ng/uL	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	2.604	112	318657	30.38	ng/uL	0.01
Spiked Amount 75.000	Range 10 - 120		Recovery = 40.51%			
6) Phenol-d5	2.946	99	423090	30.30	ng/uL	0.00
Spiked Amount 75.000	Range 39 - 120		Recovery = 40.40%			
10) 2-Chlorophenol-d4	3.040	132	284606	28.95	ng/uL	0.00
Spiked Amount 75.000	Range 30 - 120		Recovery = 38.60%			
14) 1,2-Dichlorobenzene-d4	3.210	150	194893	16.13	ng/uL	0.00
Spiked Amount 75.000	Range 16 - 120		Recovery = 21.51%			
23) Nitrobenzene-d5	3.387	82	265427	19.23	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery = 38.46%#			
42) 2-Fluorobiphenyl	4.404	172	378595	18.63	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery = 37.26%#			
68) 2,4,6-Tribromophenol	5.522	330	75752	30.10	ng/uL	0.00
Spiked Amount 75.000	Range 27 - 134		Recovery = 40.13%			
85) p-Terphenyl-d14	7.492	244	419214	19.75	ng/uL	0.00
Spiked Amount 50.000	Range 29 - 126		Recovery = 39.50%			
Target Compounds						Qvalue
81) Bis(2-ethylhexyl)phtha...	8.692	149	11165	3.48	ng/uL#	63

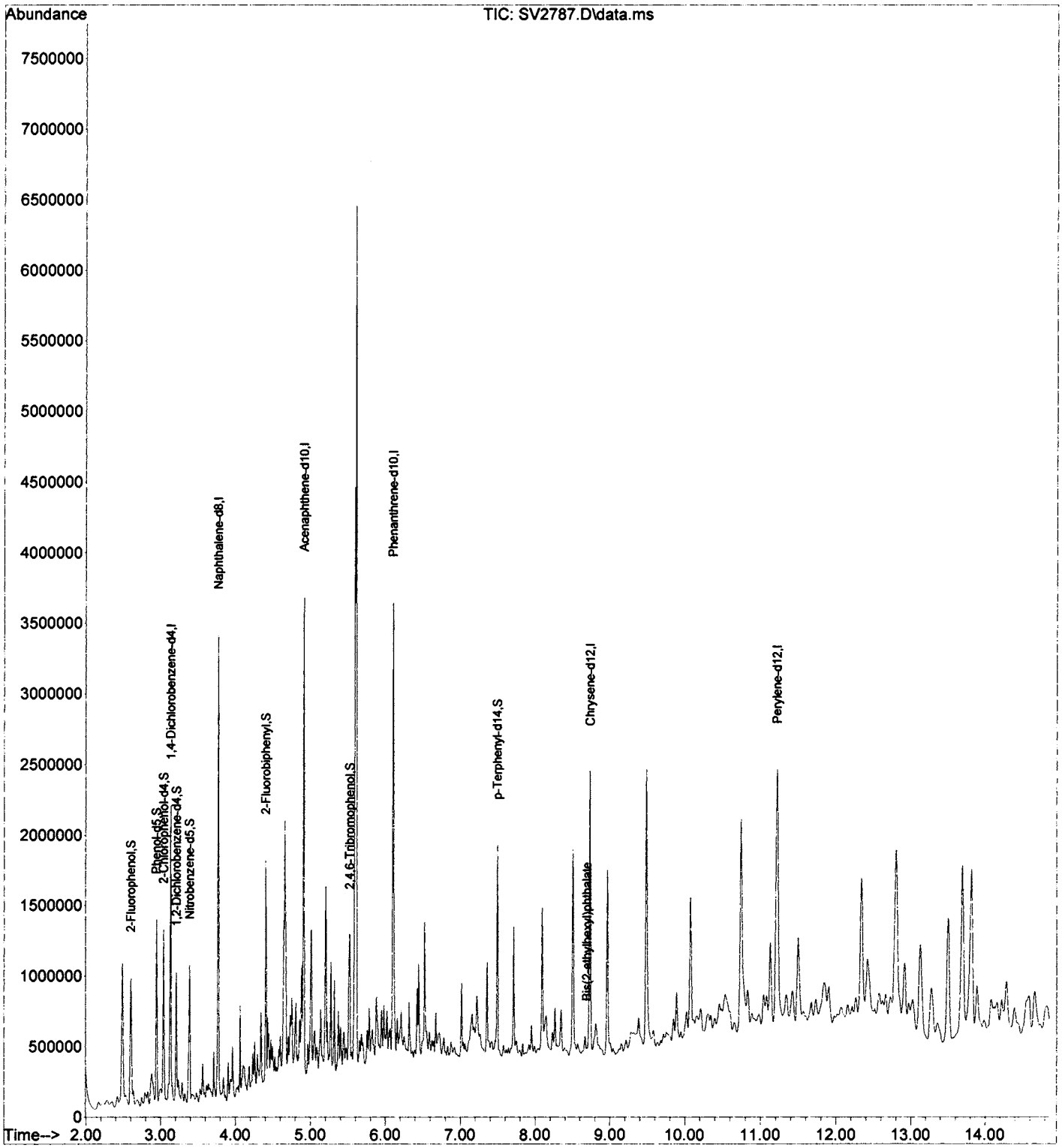
(#) = qualifier out of range (m) = manual integration (+) = signals summed

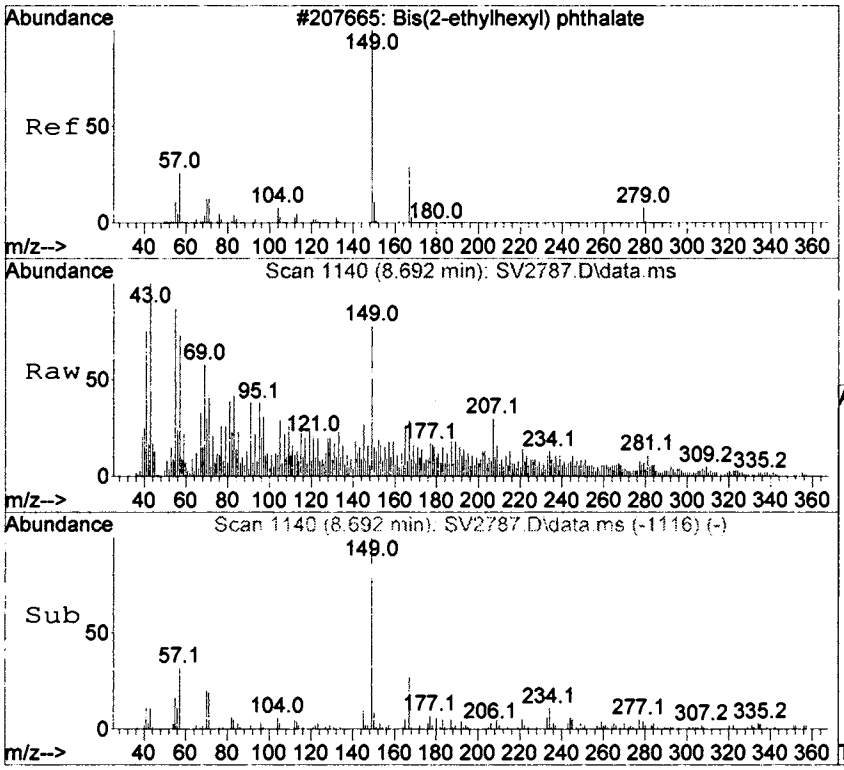
3/6/22

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030622A\
Data File : SV2787.D
Acq On : 6 Mar 2022 9:21 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-9
Misc :
ALS Vial : 10 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 23:16:56 2022
Response via : Initial Calibration

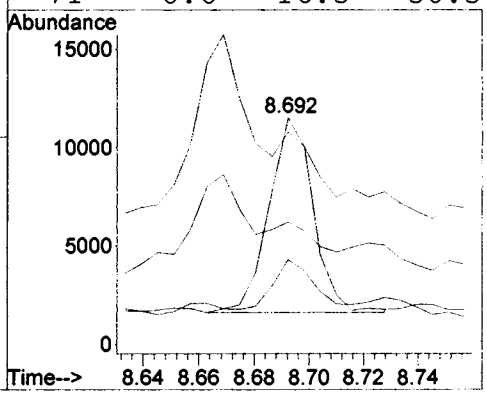




#81
Bis(2-ethylhexyl)phthalate
Concen: 3.48 ng/uL
RT: 8.692 min Scan# 1140
Delta R.T. -0.006 min
Lab File: SV2787.D
Acq: 6 Mar 2022 9:21 pm

Tgt Ion:149 Resp: 11165

Ion	Ratio	Lower	Upper
149	100		
167	30.2	19.3	35.9
57	0.0	22.4	41.6#
71	0.0	16.3	30.3#



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030622A\
Data File : SV2788.D
Acq On : 6 Mar 2022 9:39 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 23:16:56 2022
Response via : Initial Calibration

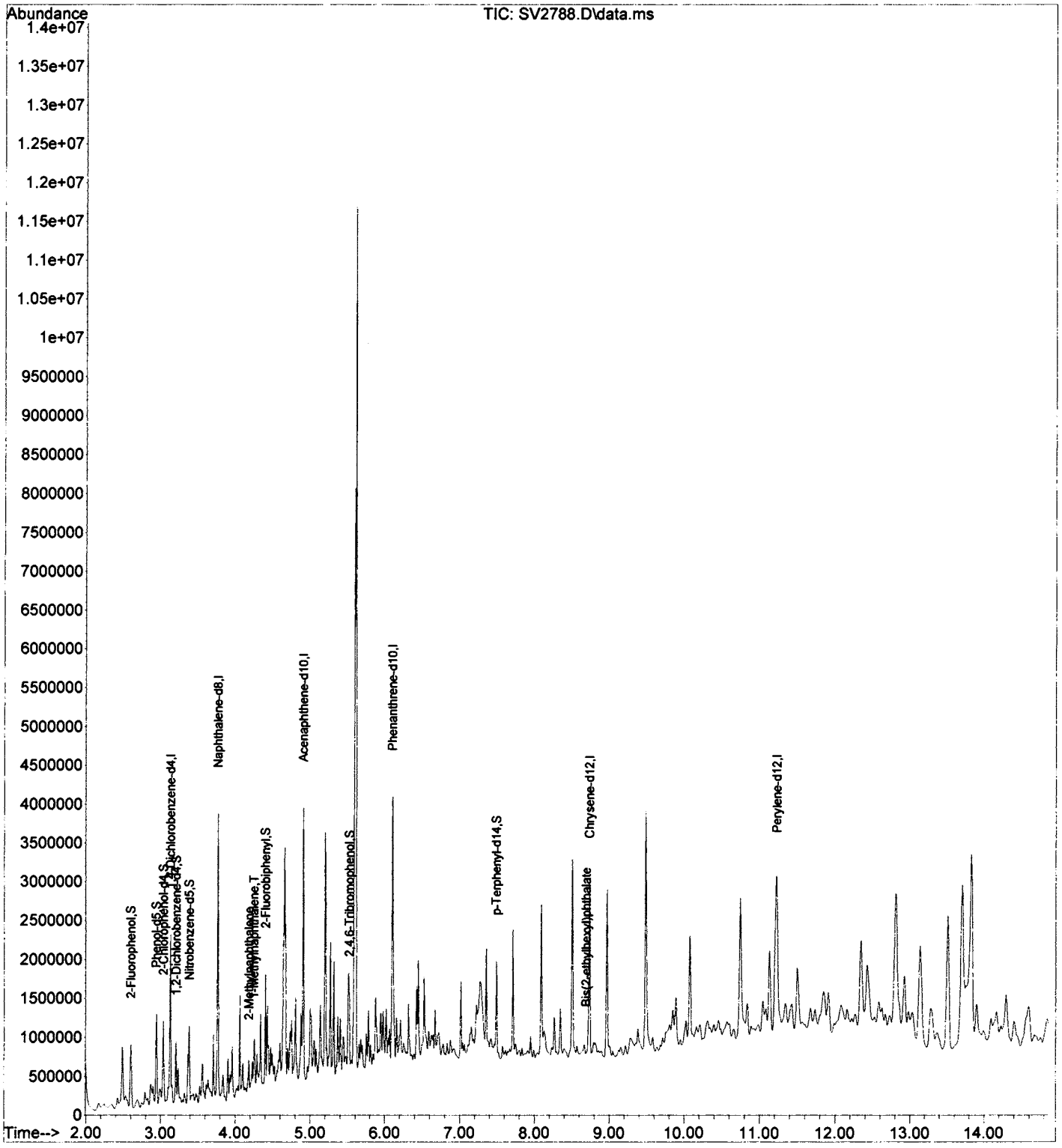
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.134	152	311872	40.00	ng/uL	0.00
24) Naphthalene-d8	3.769	136	1254680	40.00	ng/uL	0.00
38) Acenaphthene-d10	4.904	164	638164	40.00	ng/uL	0.00
67) Phenanthrene-d10	6.098	188	1055983	40.00	ng/uL	0.00
76) Chrysene-d12	8.733	240	863562	40.00	ng/uL	0.00
87) Perylene-d12	11.227	264	902375	40.00	ng/uL	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	2.604	112	274739	24.92	ng/uL	0.01
Spiked Amount 75.000	Range 10 - 120		Recovery =	33.23%		
6) Phenol-d5	2.946	99	370047	25.21	ng/uL	0.00
Spiked Amount 75.000	Range 39 - 120		Recovery =	33.61%#		
10) 2-Chlorophenol-d4	3.040	132	246759	23.88	ng/uL	0.00
Spiked Amount 75.000	Range 30 - 120		Recovery =	31.84%		
14) 1,2-Dichlorobenzene-d4	3.210	150	168865	13.29	ng/uL	0.00
Spiked Amount 75.000	Range 16 - 120		Recovery =	17.72%		
23) Nitrobenzene-d5	3.387	82	234446	16.16	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery =	32.32%#		
42) 2-Fluorobiphenyl	4.404	172	328626	15.63	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery =	31.26%#		
68) 2,4,6-Tribromophenol	5.522	330	65055	25.17	ng/uL	0.00
Spiked Amount 75.000	Range 27 - 134		Recovery =	33.56%		
85) p-Terphenyl-d14	7.492	244	351558	16.26	ng/uL	0.00
Spiked Amount 50.000	Range 29 - 126		Recovery =	32.52%		
Target Compounds						Qvalue
36) 2-Methylnaphthalene	4.187	142	66635	3.06	ng/uL	98
37) 1-Methylnaphthalene	4.251	142	88630	4.41	ng/uL	94
81) Bis(2-ethylhexyl)phtha...	8.692	149	9001	3.35	ng/uL#	74

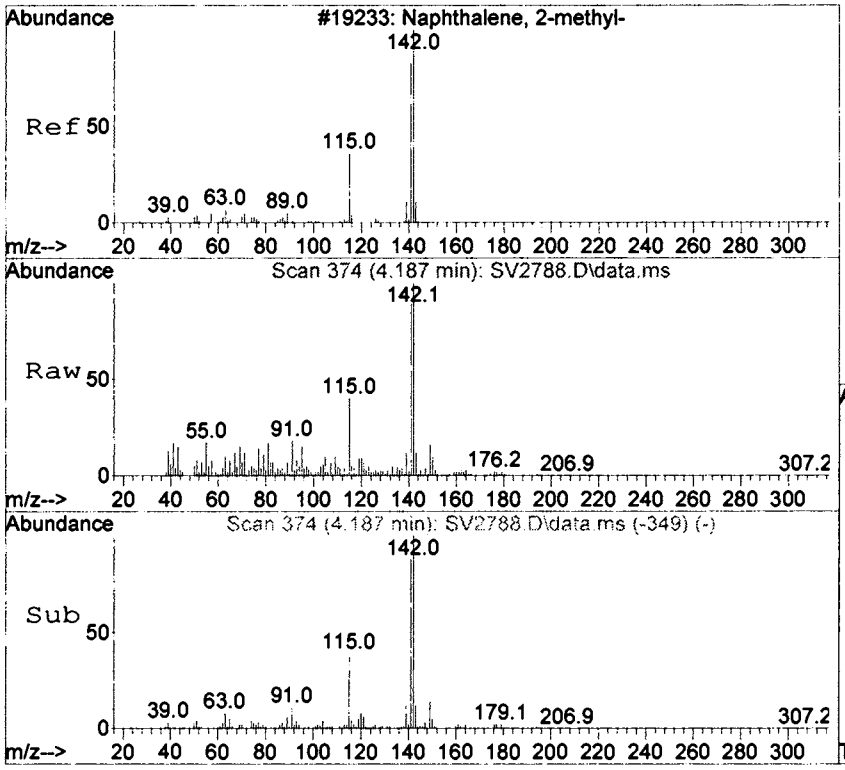
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030622A\
Data File : SV2788.D
Acq On : 6 Mar 2022 9:39 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 23:16:56 2022
Response via : Initial Calibration

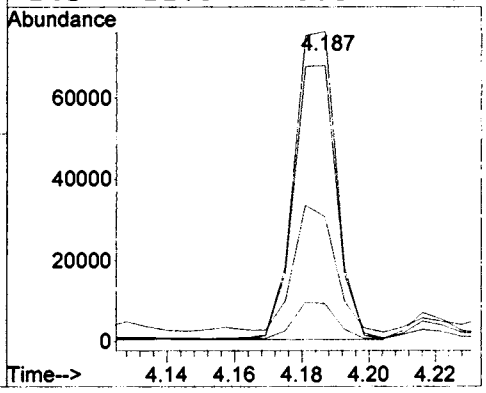


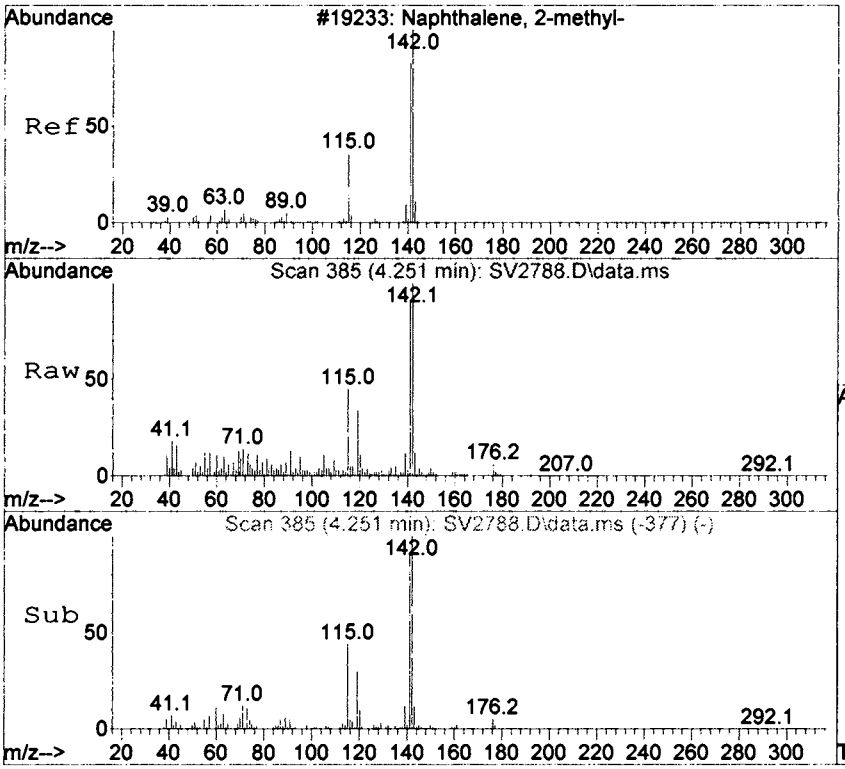


#36
2-Methylnaphthalene
Concen: 3.06 ng/uL
RT: 4.187 min Scan# 374
Delta R.T. -0.000 min
Lab File: SV2788.D
Acq: 6 Mar 2022 9:39 pm

Tgt Ion:142 Resp: 66635

Ion	Ratio	Lower	Upper
142	100		
141	89.9	62.0	115.2
115	42.6	27.8	51.6
143	11.9	8.3	15.3

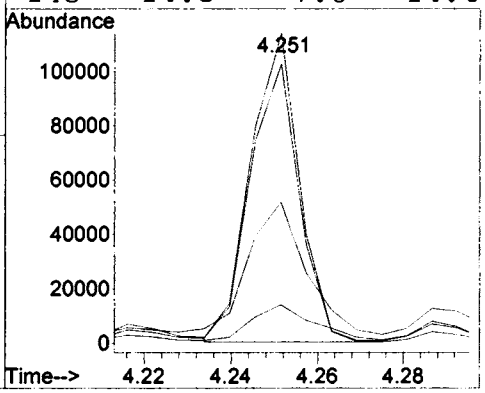


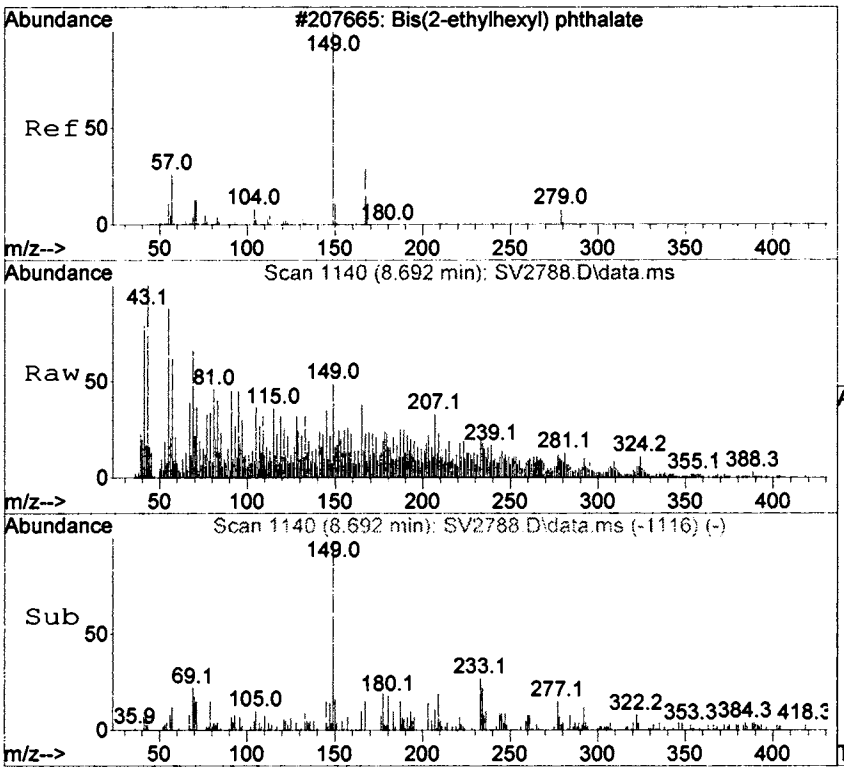


#37
1-Methylnaphthalene
Concen: 4.41 ng/uL
RT: 4.251 min Scan# 385
Delta R.T. -0.000 min
Lab File: SV2788.D
Acq: 6 Mar 2022 9:39 pm

Tgt Ion:142 Resp: 88630

Ion	Ratio	Lower	Upper
142	100		
141	91.0	63.8	118.6
115	51.2	28.6	53.0
143	14.5	7.8	14.6

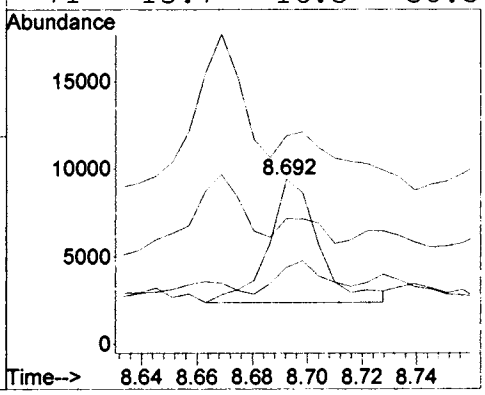




#81
Bis(2-ethylhexyl)phthalate
Concen: 3.35 ng/uL
RT: 8.692 min Scan# 1140
Delta R.T. -0.006 min
Lab File: SV2788.D
Acq: 6 Mar 2022 9:39 pm

Tgt Ion:149 Resp: 9001

Ion	Ratio	Lower	Upper
149	100		
167	26.7	19.3	35.9
57	62.1	22.4	41.6#
71	15.7	16.3	30.3#



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030622A\
Data File : SV2789.D
Acq On : 6 Mar 2022 9:57 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 23:16:56 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.134	152	310041	40.00	ng/uL	0.00
24) Naphthalene-d8	3.769	136	1251639	40.00	ng/uL	0.00
38) Acenaphthene-d10	4.910	164	626460	40.00	ng/uL	0.00
67) Phenanthrene-d10	6.104	188	1037012	40.00	ng/uL	0.00
76) Chrysene-d12	8.734	240	857231	40.00	ng/uL	0.00
87) Perylene-d12	11.239	264	910211	40.00	ng/uL	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	2.605	112	108135	9.87	ng/uL	0.01
Spiked Amount 75.000	Range 10 - 120		Recovery =	13.16%		
6) Phenol-d5	2.946	99	141325	9.69	ng/uL	0.00
Spiked Amount 75.000	Range 39 - 120		Recovery =	12.92%#		
10) 2-Chlorophenol-d4	3.040	132	96667	9.41	ng/uL	0.00
Spiked Amount 75.000	Range 30 - 120		Recovery =	12.55%#		
14) 1,2-Dichlorobenzene-d4	3.210	150	69467	5.50	ng/uL	0.00
Spiked Amount 75.000	Range 16 - 120		Recovery =	7.33%#		
23) Nitrobenzene-d5	3.387	82	101239	7.02	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery =	14.04%#		
42) 2-Fluorobiphenyl	4.404	172	135348	6.56	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery =	13.12%#		
68) 2,4,6-Tribromophenol	5.522	330	24325	9.95	ng/uL	0.00
Spiked Amount 75.000	Range 27 - 134		Recovery =	13.27%#		
85) p-Terphenyl-d14	7.492	244	143732	6.70	ng/uL	0.00
Spiked Amount 50.000	Range 29 - 126		Recovery =	13.40%#		
Target Compounds						Qvalue
32) Naphthalene	3.781	128	117827	3.40	ng/uL#	64
36) 2-Methylnaphthalene	4.187	142	156703	7.21	ng/uL	98
37) 1-Methylnaphthalene	4.251	142	205787	10.26	ng/uL	95
71) Phenanthrene	6.122	178	149912	5.31	ng/uL#	91
75) Fluoranthene	7.163	202	96770	3.42	ng/uL	98

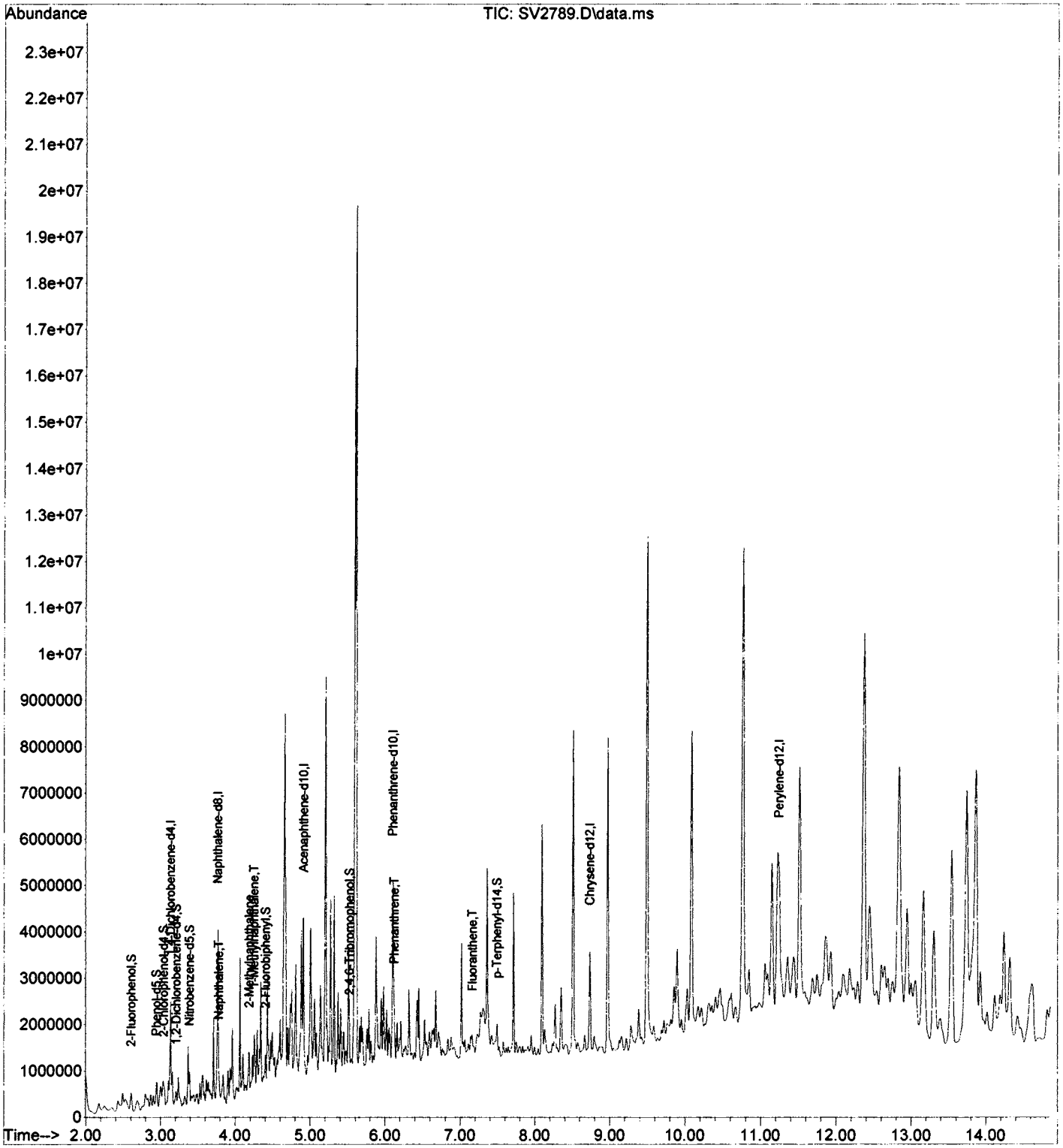
(#) = qualifier out of range (m) = manual integration (+) = signals summed

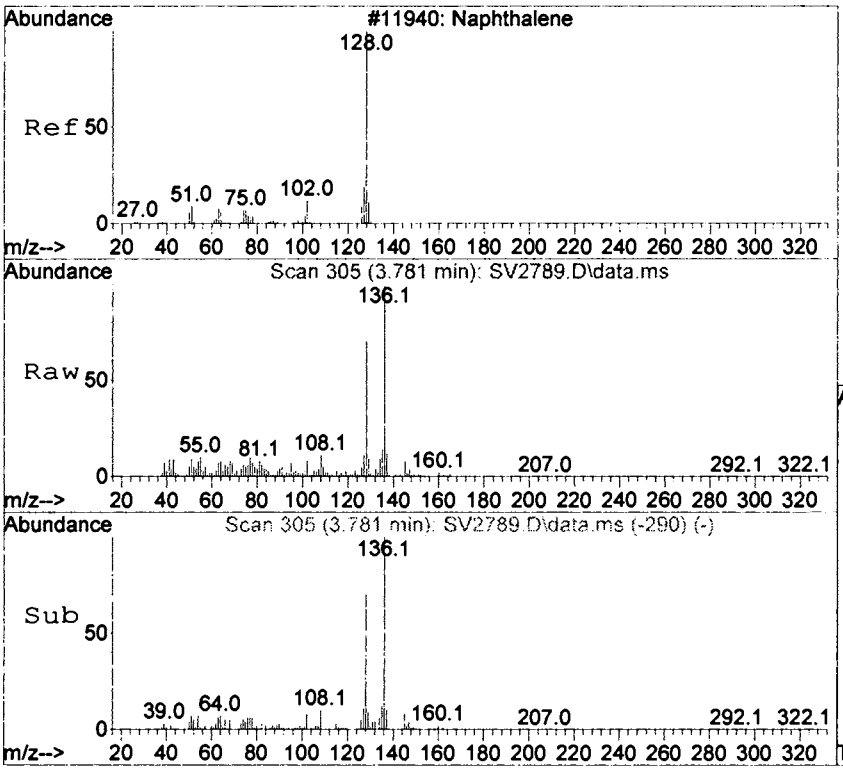
m 3/6/22

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030622A\
Data File : SV2789.D
Acq On : 6 Mar 2022 9:57 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 23:16:56 2022
Response via : Initial Calibration

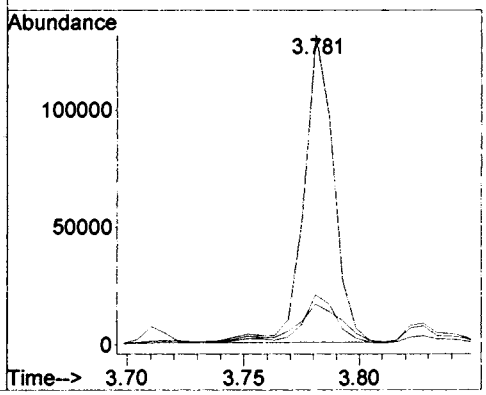


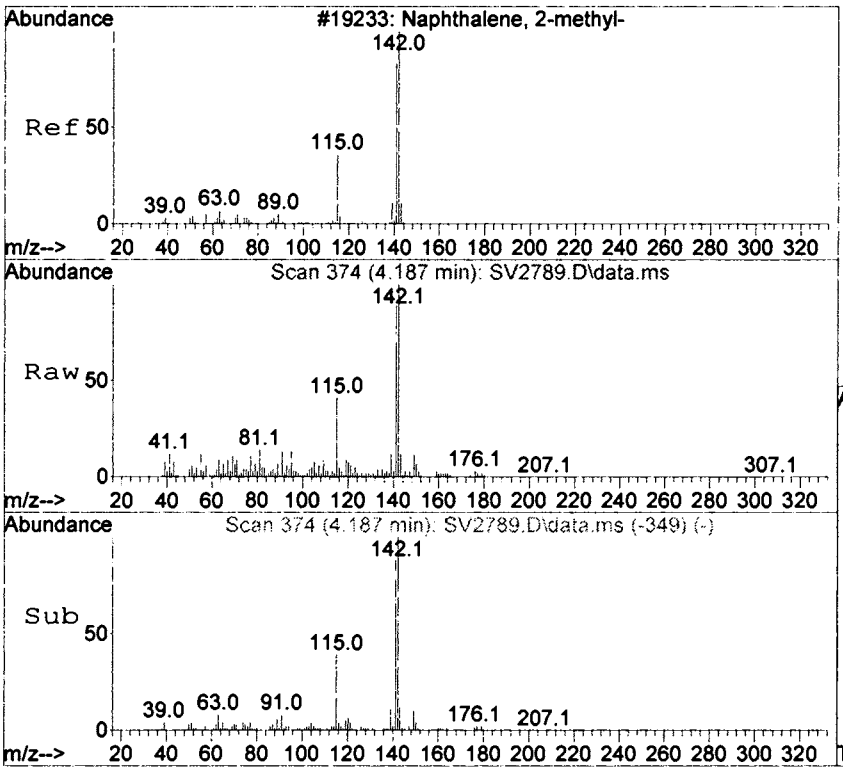


#32
Naphthalene
Concen: 3.40 ng/uL
RT: 3.781 min Scan# 305
Delta R.T. -0.000 min
Lab File: SV2789.D
Acq: 6 Mar 2022 9:57 pm

Tgt Ion:128 Resp: 117827

Ion	Ratio	Lower	Upper
128	100		
127	18.9	37.7	70.1#
129	20.2	16.7	31.1

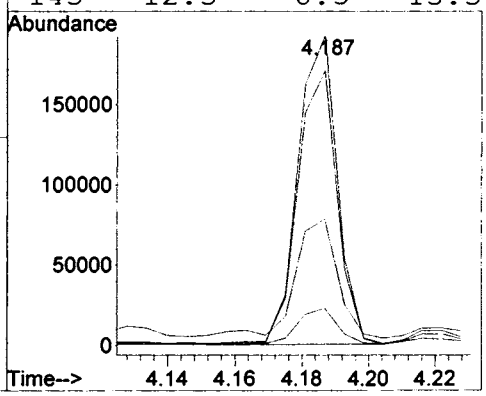


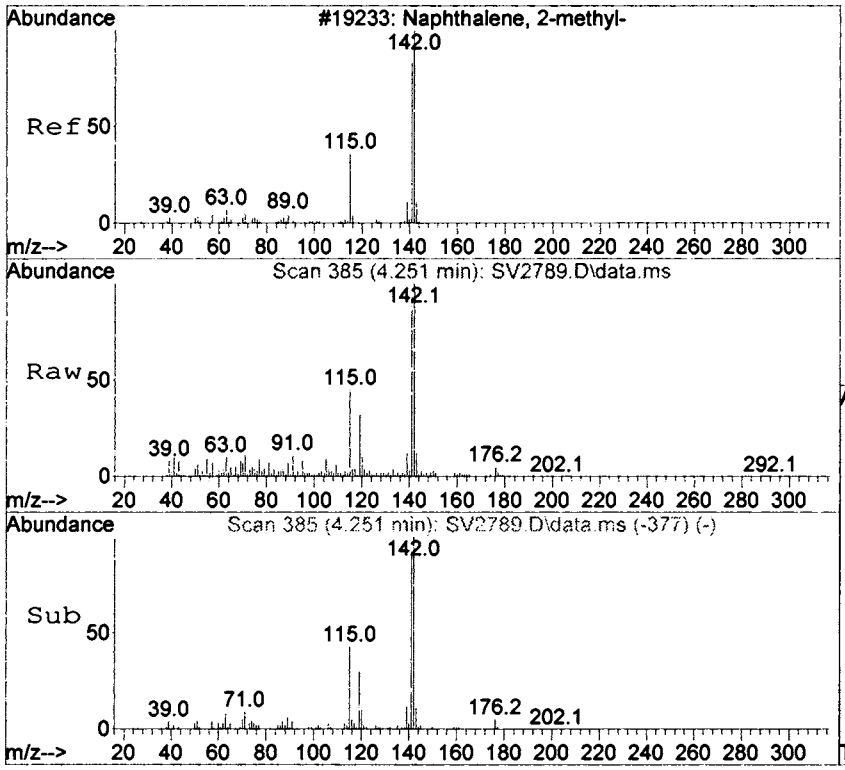


#36
2-Methylnaphthalene
Concen: 7.21 ng/uL
RT: 4.187 min Scan# 374
Delta R.T. -0.000 min
Lab File: SV2789.D
Acq: 6 Mar 2022 9:57 pm

Tgt Ion:142 Resp: 156703

Ion	Ratio	Lower	Upper
142	100		
141	88.9	62.0	115.2
115	43.7	27.8	51.6
143	12.3	8.3	15.3

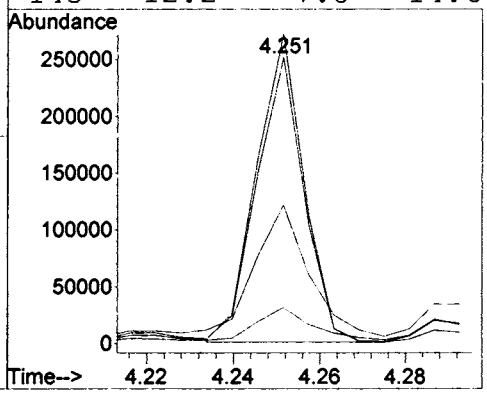


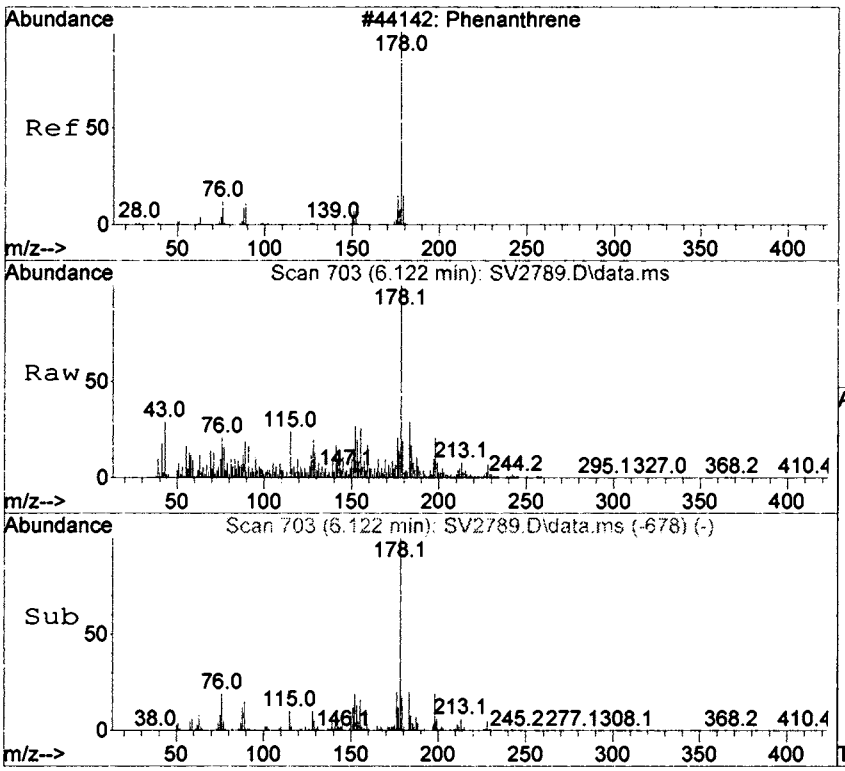


#37
1-Methylnaphthalene
Concen: 10.26 ng/uL
RT: 4.251 min Scan# 385
Delta R.T. -0.000 min
Lab File: SV2789.D
Acq: 6 Mar 2022 9:57 pm

Tgt Ion:142 Resp: 205787

Ion	Ratio	Lower	Upper
142	100		
141	92.6	63.8	118.6
115	49.5	28.6	53.0
143	12.2	7.8	14.6

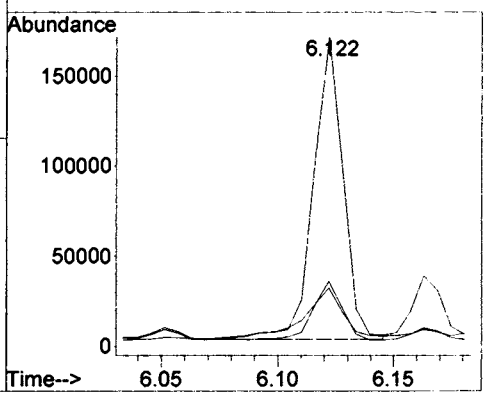


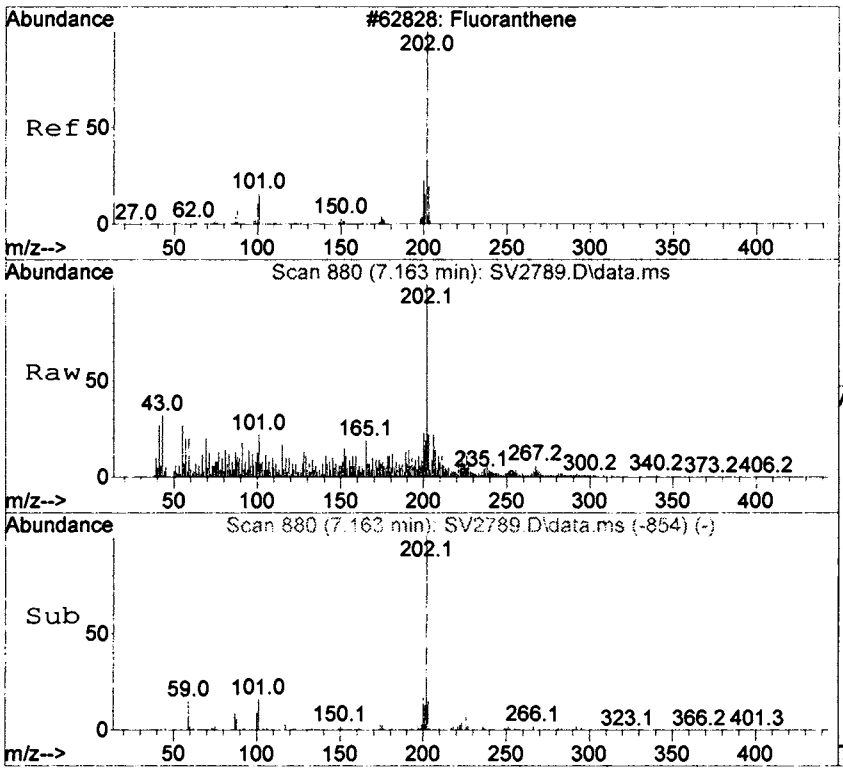


#71
Phenanthrene
Concen: 5.31 ng/uL
RT: 6.122 min Scan# 703
Delta R.T. -0.000 min
Lab File: SV2789.D
Acq: 6 Mar 2022 9:57 pm

Tgt Ion:178 Resp: 149912

Ion	Ratio	Lower	Upper
178	100		
179	23.7	10.9	20.2#
176	19.0	13.4	24.8

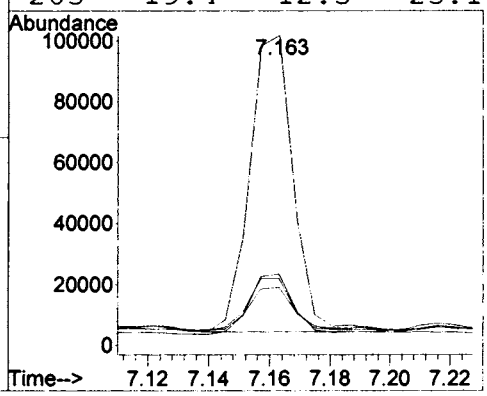




#75
Fluoranthene
Concen: 3.42 ng/uL
RT: 7.163 min Scan# 880
Delta R.T. 0.006 min
Lab File: SV2789.D
Acq: 6 Mar 2022 9:57 pm

Tgt Ion:202 Resp: 96770

Ion	Ratio	Lower	Upper
202	100		
200	20.9	14.4	26.8
201	15.5	10.2	19.0
203	19.4	12.5	23.1



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030622A\
Data File : SV2790.D
Acq On : 6 Mar 2022 10:15 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 23:16:56 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.134	152	301973	40.00	ng/uL	0.00
24) Naphthalene-d8	3.769	136	1228992	40.00	ng/uL	0.00
38) Acenaphthene-d10	4.904	164	619987	40.00	ng/uL	0.00
67) Phenanthrene-d10	6.104	188	1028679	40.00	ng/uL	0.00
76) Chrysene-d12	8.733	240	859270	40.00	ng/uL	0.00
87) Perylene-d12	11.222	264	892715	40.00	ng/uL	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	2.604	112	398642	37.34	ng/uL	0.01
Spiked Amount 75.000	Range 10 - 120		Recovery = 49.79%			
6) Phenol-d5	2.946	99	538272	37.88	ng/uL	0.00
Spiked Amount 75.000	Range 39 - 120		Recovery = 50.51%			
10) 2-Chlorophenol-d4	3.040	132	356344	35.62	ng/uL	0.00
Spiked Amount 75.000	Range 30 - 120		Recovery = 47.49%			
14) 1,2-Dichlorobenzene-d4	3.210	150	236159	19.20	ng/uL	0.00
Spiked Amount 75.000	Range 16 - 120		Recovery = 25.60%			
23) Nitrobenzene-d5	3.387	82	321079	22.86	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery = 45.72%			
42) 2-Fluorobiphenyl	4.404	172	472407	23.12	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery = 46.24%			
68) 2,4,6-Tribromophenol	5.522	330	93585	36.22	ng/uL	0.00
Spiked Amount 75.000	Range 27 - 134		Recovery = 48.29%			
85) p-Terphenyl-d14	7.492	244	511292	23.77	ng/uL	0.00
Spiked Amount 50.000	Range 29 - 126		Recovery = 47.54%			
Target Compounds						Qvalue
81) Bis(2-ethylhexyl)phtha...	8.698	149	11201	3.47	ng/uL#	17

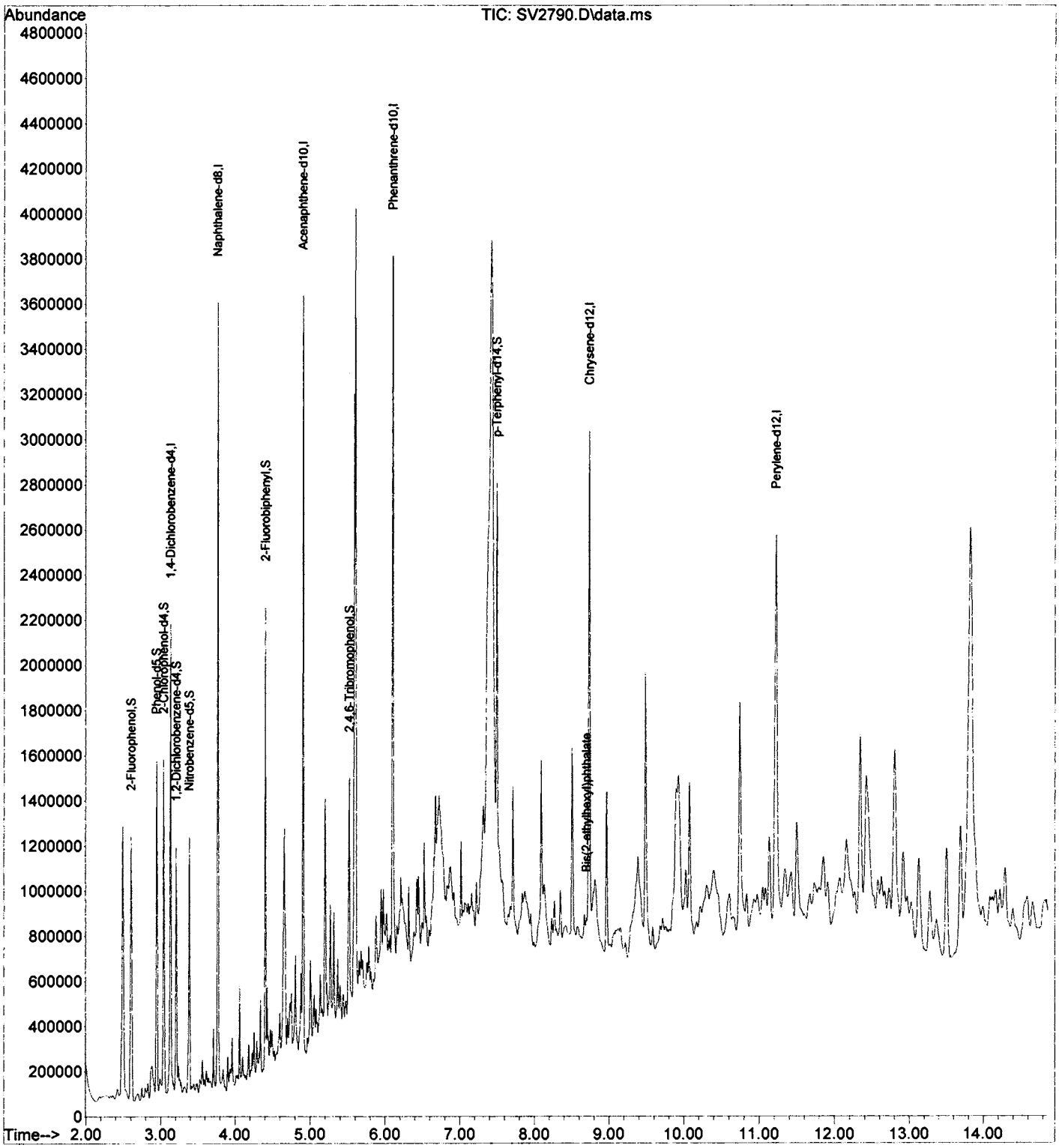
(#) = qualifier out of range (m) = manual integration (+) = signals summed

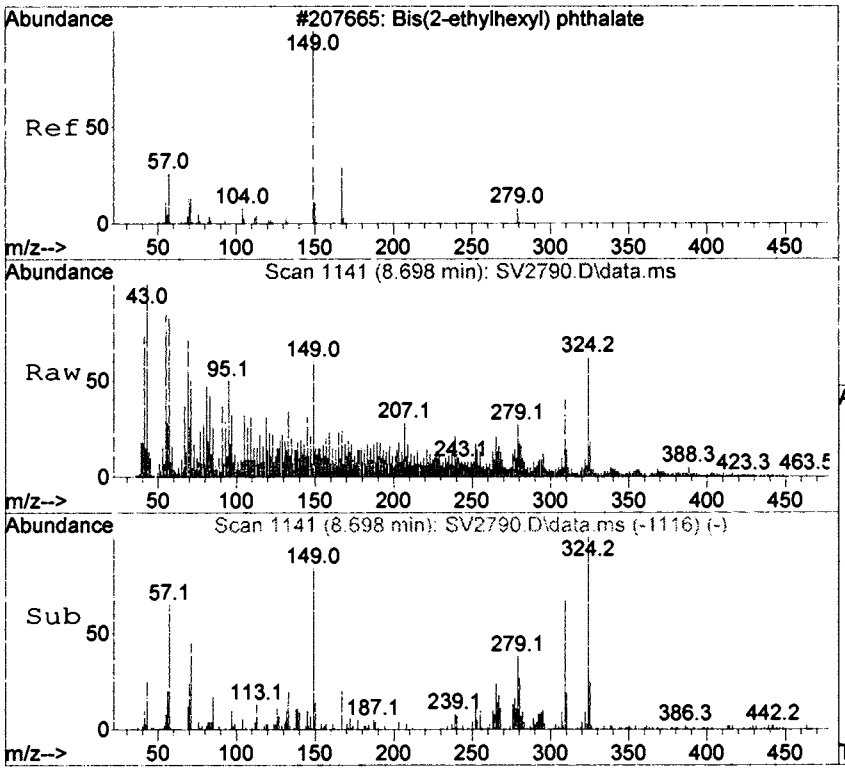
3/6/22

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030622A\
Data File : SV2790.D
Acq On : 6 Mar 2022 10:15 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 23:16:56 2022
Response via : Initial Calibration

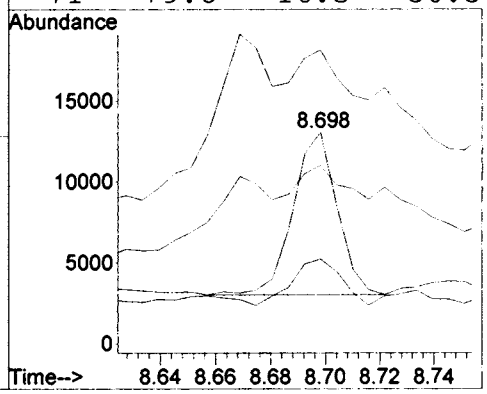




#81
Bis(2-ethylhexyl)phthalate
Concen: 3.47 ng/uL
RT: 8.698 min Scan# 1141
Delta R.T. -0.000 min
Lab File: SV2790.D
Acq: 6 Mar 2022 10:15 pm

Tgt Ion:149 Resp: 11201

Ion	Ratio	Lower	Upper
149	100		
167	31.5	19.3	35.9
57	101.1	22.4	41.6#
71	79.8	16.3	30.3#



Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\030622A\
Data File : SV2791.D
Acq On : 6 Mar 2022 11:12 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 23:16:56 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.175	152	984	40.00	ng/uL	# 0.05
24) Naphthalene-d8	3.834	136	2752	40.00	ng/uL	# 0.06
38) Acenaphthene-d10	4.969	164	1634	40.00	ng/uL	0.06
67) Phenanthrene-d10	6.145	188	1907	40.00	ng/uL	# 0.04
76) Chrysene-d12	8.769	240	2175	40.00	ng/uL	# 0.04
87) Perylene-d12	11.257	264	2054	40.00	ng/uL	# 0.05
System Monitoring Compounds						
5) 2-Fluorophenol	2.622	112	749	21.53	ng/uL	0.03
Spiked Amount 75.000	Range 10 - 120		Recovery = 28.71%			
6) Phenol-d5	2.975	99	1025	22.13	ng/uL	0.03
Spiked Amount 75.000	Range 39 - 120		Recovery = 29.51%#			
10) 2-Chlorophenol-d4	3.075	132	744	22.82	ng/uL	0.04
Spiked Amount 75.000	Range 30 - 120		Recovery = 30.43%			
14) 1,2-Dichlorobenzene-d4	3.175	150	1270	31.69	ng/uL	-0.04
Spiked Amount 75.000	Range 16 - 120		Recovery = 42.25%			
23) Nitrobenzene-d5	3.440	82	769	16.80	ng/uL	0.05
Spiked Amount 50.000	Range 43 - 120		Recovery = 33.60%#			
42) 2-Fluorobiphenyl	4.475	172	861	15.99	ng/uL	0.06
Spiked Amount 50.000	Range 43 - 120		Recovery = 31.98%#			
68) 2,4,6-Tribromophenol	0.000	330	0	0.00	ng/uL	
Spiked Amount 75.000	Range 27 - 134		Recovery = 0.00%#			
85) p-Terphenyl-d14	7.528	244	1060	19.47	ng/uL	0.03
Spiked Amount 50.000	Range 29 - 126		Recovery = 38.94%			
Target Compounds						Qvalue
11) 2-Chlorophenol	3.016	128	576	16.91	ng/uL#	28
25) Isophorone	3.440	82	554	9.52	ng/uL#	67
50) Acenaphthylene	4.916	152	666	8.49	ng/uL#	66
61) 4-Nitroaniline	5.369	138	575	38.83	ng/uL#	1
64) n-Nitrosodiphenylamine	5.322	169	775	17.19	ng/uL#	31
71) Phenanthrene	6.151	178	1558	30.03	ng/uL#	62
72) Anthracene	6.151	178	1558	30.04	ng/uL#	61
74) Di-n-butylphthalate	6.557	149	644	11.13	ng/uL#	79
75) Fluoranthene	7.251	202	903	17.34	ng/uL#	59
78) Pyrene	7.304	202	3848	53.40	ng/uL#	76
79) Butylbenzylphthalate	7.975	149	983	31.52	ng/uL#	82
80) Bis(2-ethylhexyl) adipate	7.934	129	507	20.36	ng/uL#	1
82) 3,3'-Dichlorobenzidine	8.681	252	1470	56.90	ng/uL#	64
86) Di-n-octylphthalate	9.628	149	506	12.78	ng/uL#	1
88) Benzo[b]fluoranthene	10.428	252	537	9.27	ng/uL#	58
89) Benzo[k]fluoranthene	10.428	252	537	8.70	ng/uL#	55
91) Dibenzo[a,h]anthracene	13.792	278	1317	24.41	ng/uL#	1
92) Indeno(1,2,3-cd)pyrene	13.798	276	5725	94.66	ng/uL#	52
93) Benzo[g,h,i]perylene	14.163	276	3205	54.09	ng/uL#	63

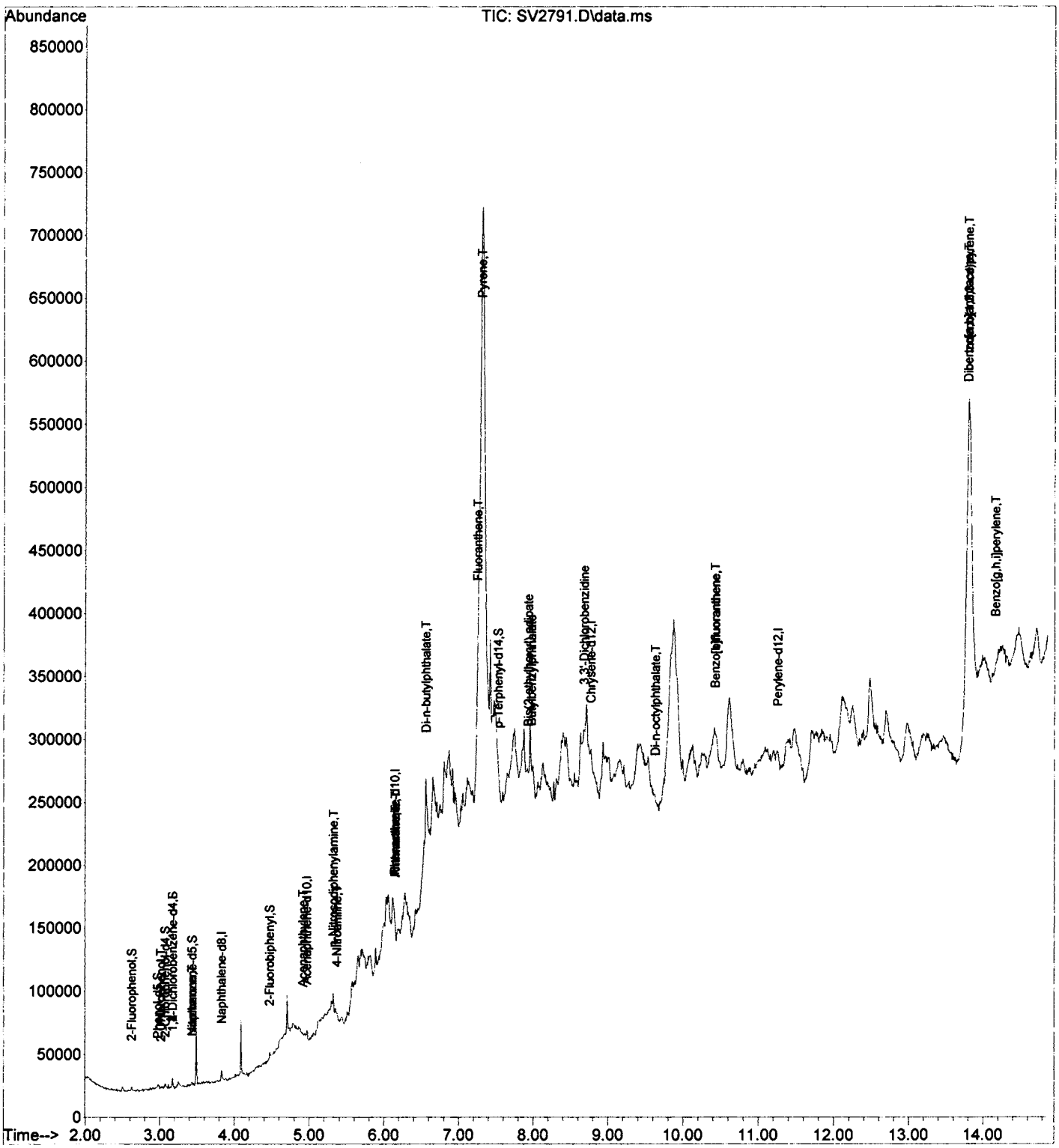
(#) = qualifier out of range (m) = manual integration (+) = signals summed

3/6/22

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\2022\030622A\
Data File : SV2791.D
Acq On : 6 Mar 2022 11:12 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 23:16:56 2022
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030622A\
Data File : SV2793.D
Acq On : 6 Mar 2022 11:53 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Fri Mar 11 23:52:15 2022
Response via : Initial Calibration

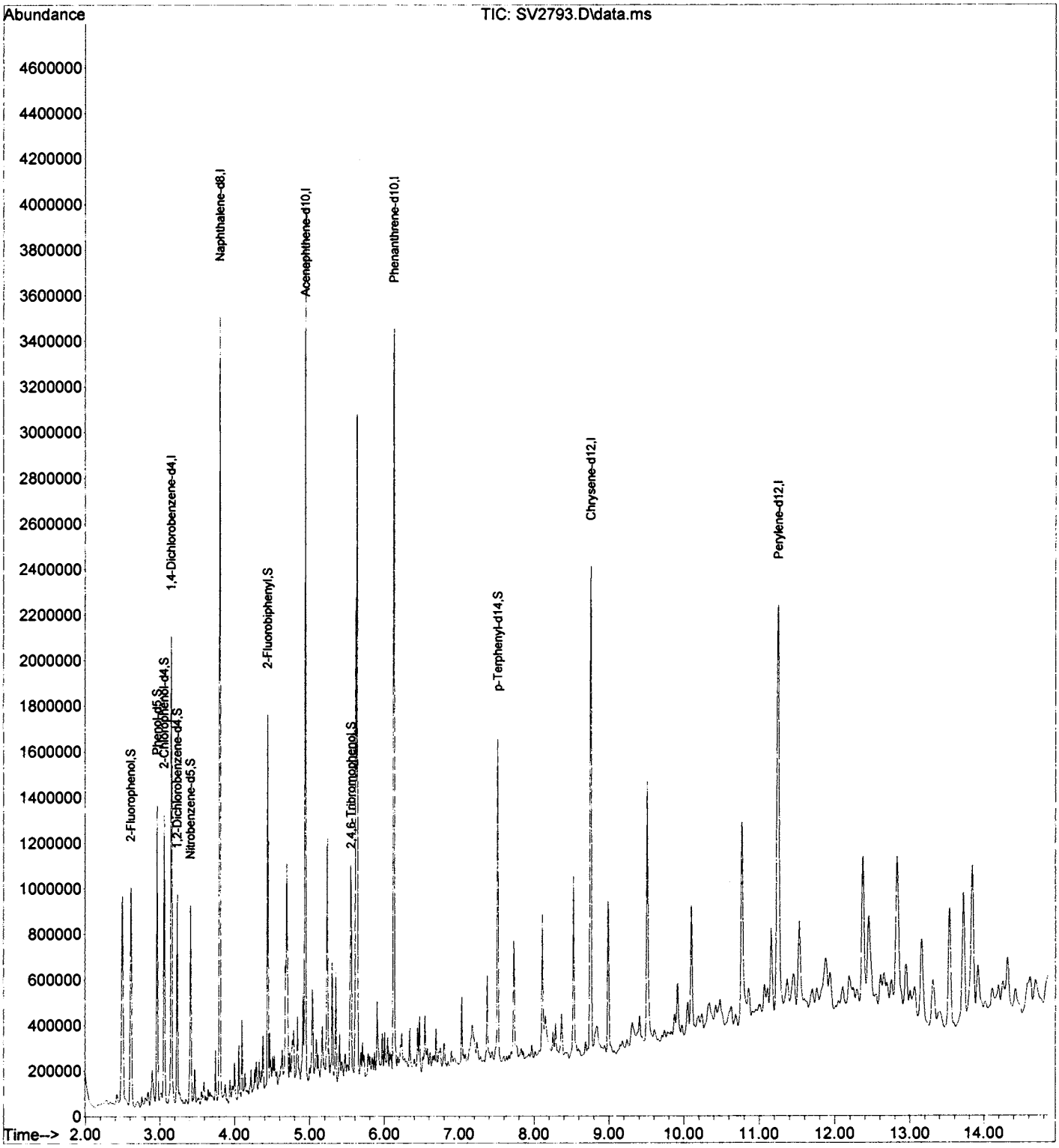
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.152	152	316857	40.00	ng/uL	-0.02
24) Naphthalene-d8	3.805	136	1271356	40.00	ng/uL	-0.04
38) Acenaphthene-d10	4.940	164	643329	40.00	ng/uL	-0.04
67) Phenanthrene-d10	6.128	188	1071205	40.00	ng/uL	-0.02
76) Chrysene-d12	8.757	240	896045	40.00	ng/uL	-0.02
87) Perylene-d12	11.251	264	995222	40.00	ng/uL	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	2.610	112	348492	31.11	ng/uL	0.00
Spiked Amount 75.000	Range 10 - 120		Recovery = 41.48%			
6) Phenol-d5	2.963	99	471534	31.62	ng/uL	-0.02
Spiked Amount 75.000	Range 39 - 120		Recovery = 42.16%			
10) 2-Chlorophenol-d4	3.058	132	312769	29.79	ng/uL	-0.02
Spiked Amount 75.000	Range 30 - 120		Recovery = 39.72%			
14) 1,2-Dichlorobenzene-d4	3.234	150	208662	16.17	ng/uL	-0.02
Spiked Amount 75.000	Range 16 - 120		Recovery = 21.56%			
23) Nitrobenzene-d5	3.410	82	284266	19.29	ng/uL	-0.03
Spiked Amount 50.000	Range 43 - 120		Recovery = 38.58%#			
42) 2-Fluorobiphenyl	4.440	172	416097	19.63	ng/uL	-0.04
Spiked Amount 50.000	Range 43 - 120		Recovery = 39.26%#			
68) 2,4,6-Tribromophenol	5.551	330	83396	31.35	ng/uL	-0.02
Spiked Amount 75.000	Range 27 - 134		Recovery = 41.80%			
85) p-Terphenyl-d14	7.516	244	451863	20.14	ng/uL	-0.02
Spiked Amount 50.000	Range 29 - 126		Recovery = 40.28%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030622A\
Data File : SV2793.D
Acq On : 6 Mar 2022 11:53 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Fri Mar 11 23:52:15 2022
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030622A\
Data File : SV2794.D
Acq On : 7 Mar 2022 12:11 am
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Fri Mar 11 23:53:03 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.134	152	323379	40.00	ng/uL	0.00
24) Naphthalene-d8	3.775	136	1294916	40.00	ng/uL	0.00
38) Acenaphthene-d10	4.910	164	661823	40.00	ng/uL	0.00
67) Phenanthrene-d10	6.104	188	1077591	40.00	ng/uL	0.00
76) Chrysene-d12	8.739	240	900850	40.00	ng/uL	0.00
87) Perylene-d12	11.239	264	937298	40.00	ng/uL	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	2.604	112	142204	12.44	ng/uL	0.00
Spiked Amount 75.000	Range 10 - 120		Recovery = 16.59%			
6) Phenol-d5	2.951	99	191529	12.59	ng/uL	0.00
Spiked Amount 75.000	Range 39 - 120		Recovery = 16.79%#			
10) 2-Chlorophenol-d4	3.045	132	127759	11.92	ng/uL	0.01
Spiked Amount 75.000	Range 30 - 120		Recovery = 15.89%#			
14) 1,2-Dichlorobenzene-d4	3.210	150	90613	6.88	ng/uL	0.00
Spiked Amount 75.000	Range 16 - 120		Recovery = 9.17%#			
23) Nitrobenzene-d5	3.387	82	125820	8.36	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery = 16.72%#			
42) 2-Fluorobiphenyl	4.410	172	175088	8.03	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery = 16.06%#			
68) 2,4,6-Tribromophenol	5.528	330	31031	12.14	ng/uL	0.00
Spiked Amount 75.000	Range 27 - 134		Recovery = 16.19%#			
85) p-Terphenyl-d14	7.498	244	185573	8.23	ng/uL	0.00
Spiked Amount 50.000	Range 29 - 126		Recovery = 16.46%#			
Target Compounds						Qvalue
36) 2-Methylnaphthalene	4.187	142	97967	4.36	ng/uL	95
37) 1-Methylnaphthalene	4.257	142	136662	6.59	ng/uL	94
71) Phenanthrene	6.122	178	100805	3.44	ng/uL#	90

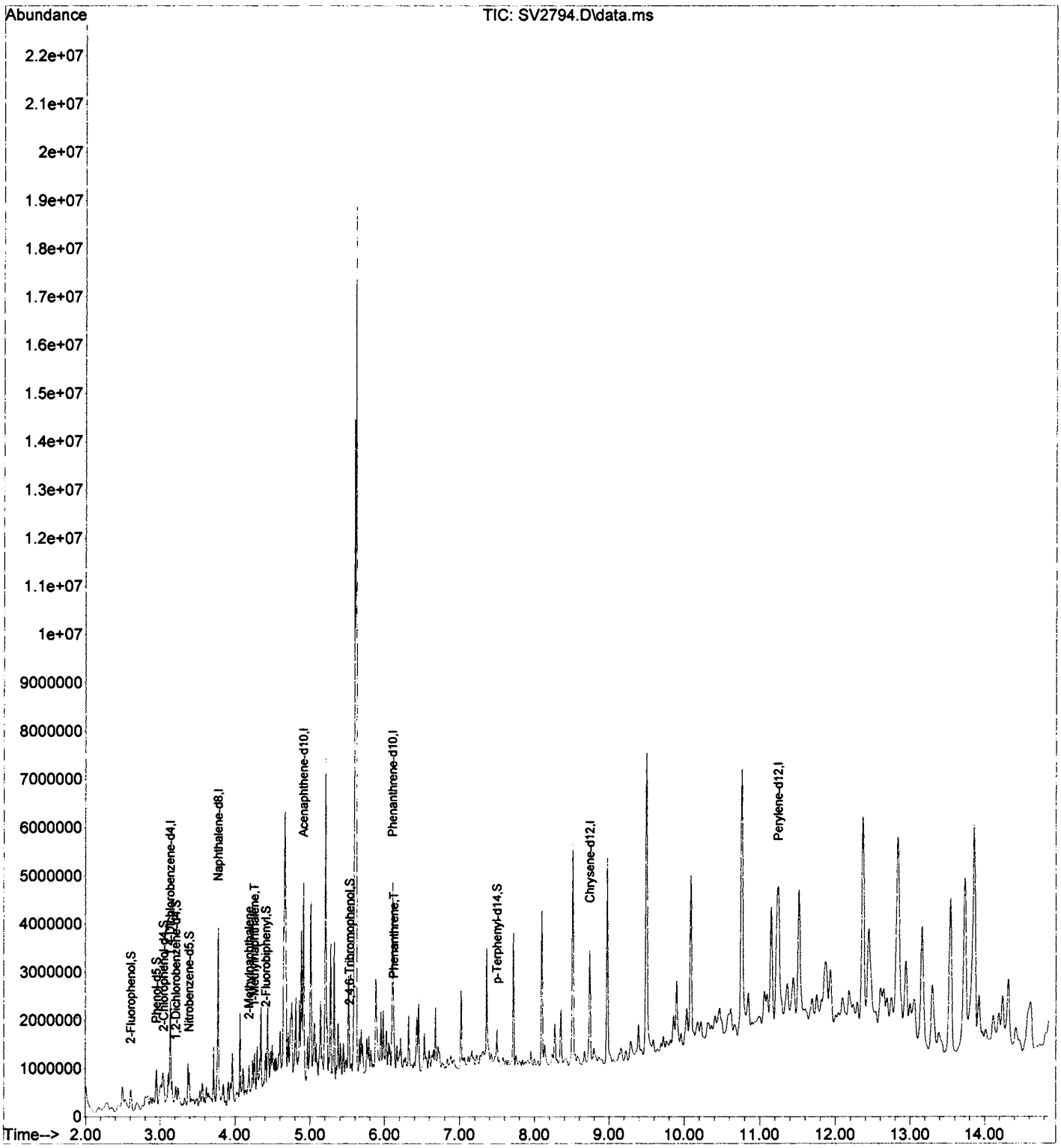
(#) = qualifier out of range (m) = manual integration (+) = signals summed

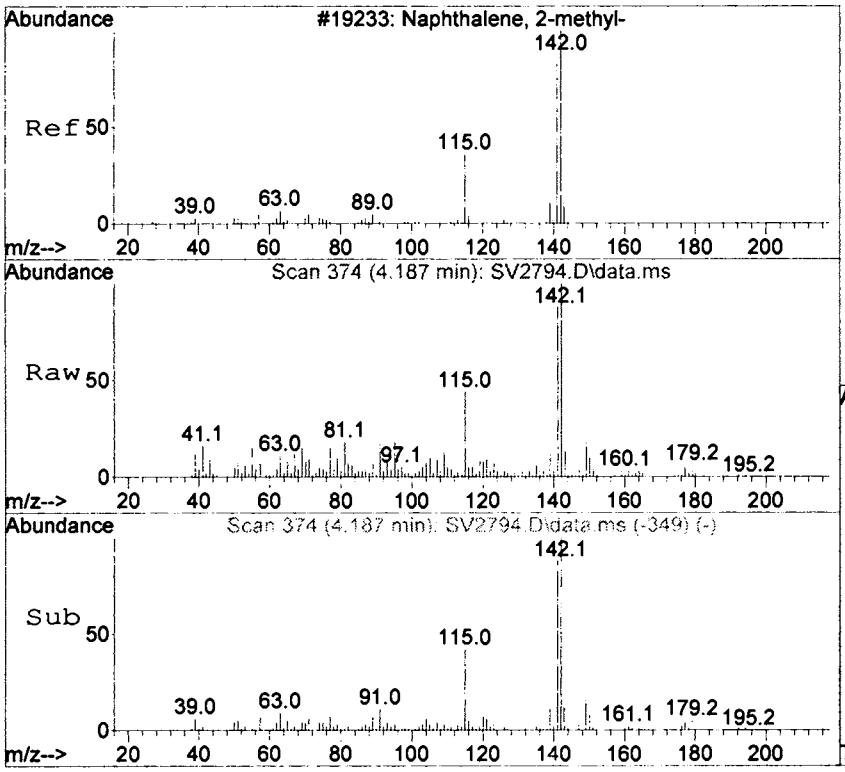
m 3/12/22

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030622A\
Data File : SV2794.D
Acq On : 7 Mar 2022 12:11 am
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Fri Mar 11 23:53:03 2022
Response via : Initial Calibration

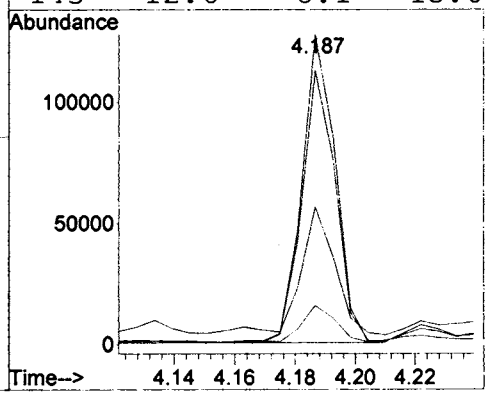


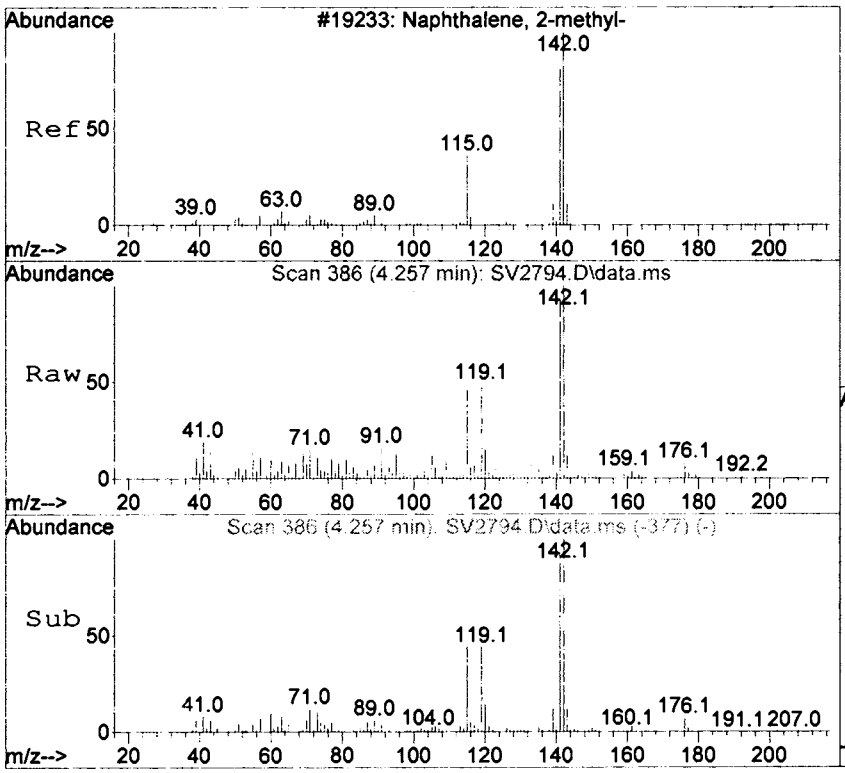


#36
2-Methylnaphthalene
Concen: 4.36 ng/uL
RT: 4.187 min Scan# 374
Delta R.T. -0.000 min
Lab File: SV2794.D
Acq: 7 Mar 2022 12:11 am

Tgt Ion:142 Resp: 97967

Ion	Ratio	Lower	Upper
142	100		
141	89.0	60.6	112.6
115	44.7	27.1	50.3
143	12.6	8.1	15.0

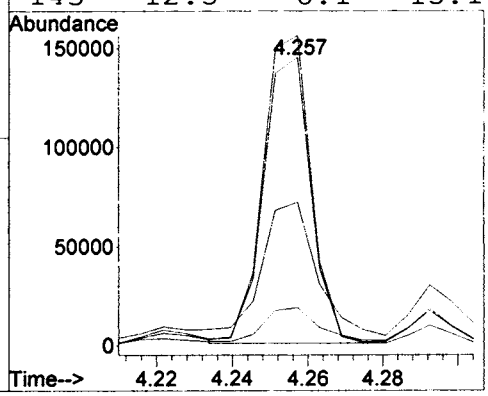


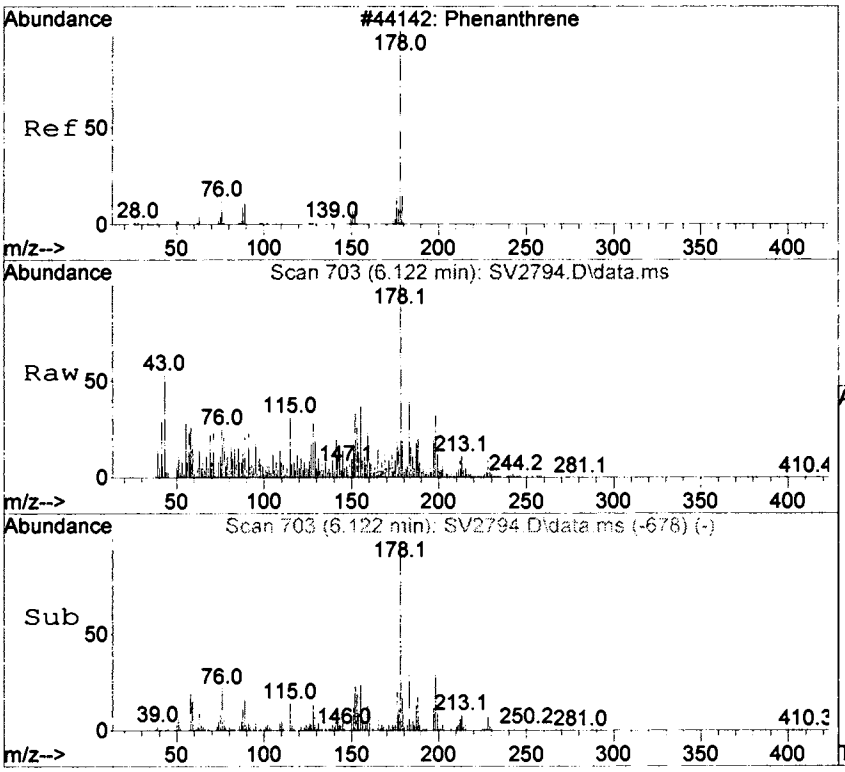


#37
1-Methylnaphthalene
Concen: 6.59 ng/uL
RT: 4.257 min Scan# 386
Delta R.T. 0.006 min
Lab File: SV2794.D
Acq: 7 Mar 2022 12:11 am

Tgt Ion:142 Resp: 136662

Ion	Ratio	Lower	Upper
142	100		
141	91.2	63.2	117.4
115	51.8	28.1	52.1
143	12.5	8.1	15.1

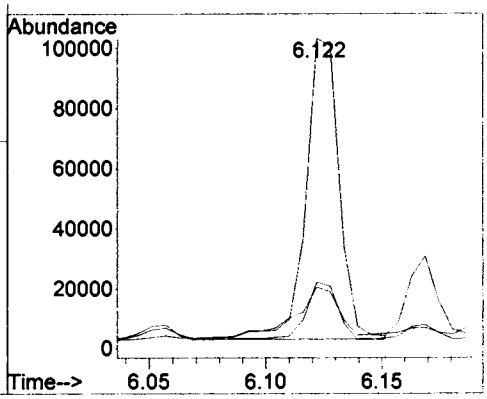




#71
Phenanthrene
Concen: 3.44 ng/uL
RT: 6.122 min Scan# 703
Delta R.T. -0.000 min
Lab File: SV2794.D
Acq: 7 Mar 2022 12:11 am

Tgt Ion:178 Resp: 100805

Ion	Ratio	Lower	Upper
178	100		
179	22.9	10.7	19.9#
176	17.9	13.5	25.1



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030622A\
Data File : SV2795.D
Acq On : 7 Mar 2022 12:33 am
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Fri Mar 11 23:53:03 2022
Response via : Initial Calibration

Compound		R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4		3.152	152	384046	40.00	ng/uL	0.02
24) Naphthalene-d8		3.799	136	1499142	40.00	ng/uL	0.03
38) Acenaphthene-d10		4.934	164	729436	40.00	ng/uL	0.02
67) Phenanthrene-d10		6.122	188	1160845	40.00	ng/uL	0.02
76) Chrysene-d12		8.751	240	944984	40.00	ng/uL	0.02
87) Perylene-d12		11.257	264	956412	40.00	ng/uL	0.05
System Monitoring Compounds							
5) 2-Fluorophenol		2.616	112	179795	13.24	ng/uL	0.02
Spiked Amount	75.000	Range 10 - 120		Recovery =	17.65%		
6) Phenol-d5		2.963	99	237066	13.12	ng/uL	0.02
Spiked Amount	75.000	Range 39 - 120		Recovery =	17.49%#		
10) 2-Chlorophenol-d4		3.057	132	159447	12.53	ng/uL	0.02
Spiked Amount	75.000	Range 30 - 120		Recovery =	16.71%#		
14) 1,2-Dichlorobenzene-d4		3.228	150	107261	6.86	ng/uL	0.02
Spiked Amount	75.000	Range 16 - 120		Recovery =	9.15%#		
23) Nitrobenzene-d5		3.404	82	142243	7.96	ng/uL	0.02
Spiked Amount	50.000	Range 43 - 120		Recovery =	15.92%#		
42) 2-Fluorobiphenyl		4.434	172	201857	8.40	ng/uL	0.03
Spiked Amount	50.000	Range 43 - 120		Recovery =	16.80%#		
68) 2,4,6-Tribromophenol		5.545	330	38296	13.85	ng/uL	0.02
Spiked Amount	75.000	Range 27 - 134		Recovery =	18.47%#		
85) p-Terphenyl-d14		7.510	244	200402	8.47	ng/uL	0.02
Spiked Amount	50.000	Range 29 - 126		Recovery =	16.94%#		
Target Compounds							Qvalue

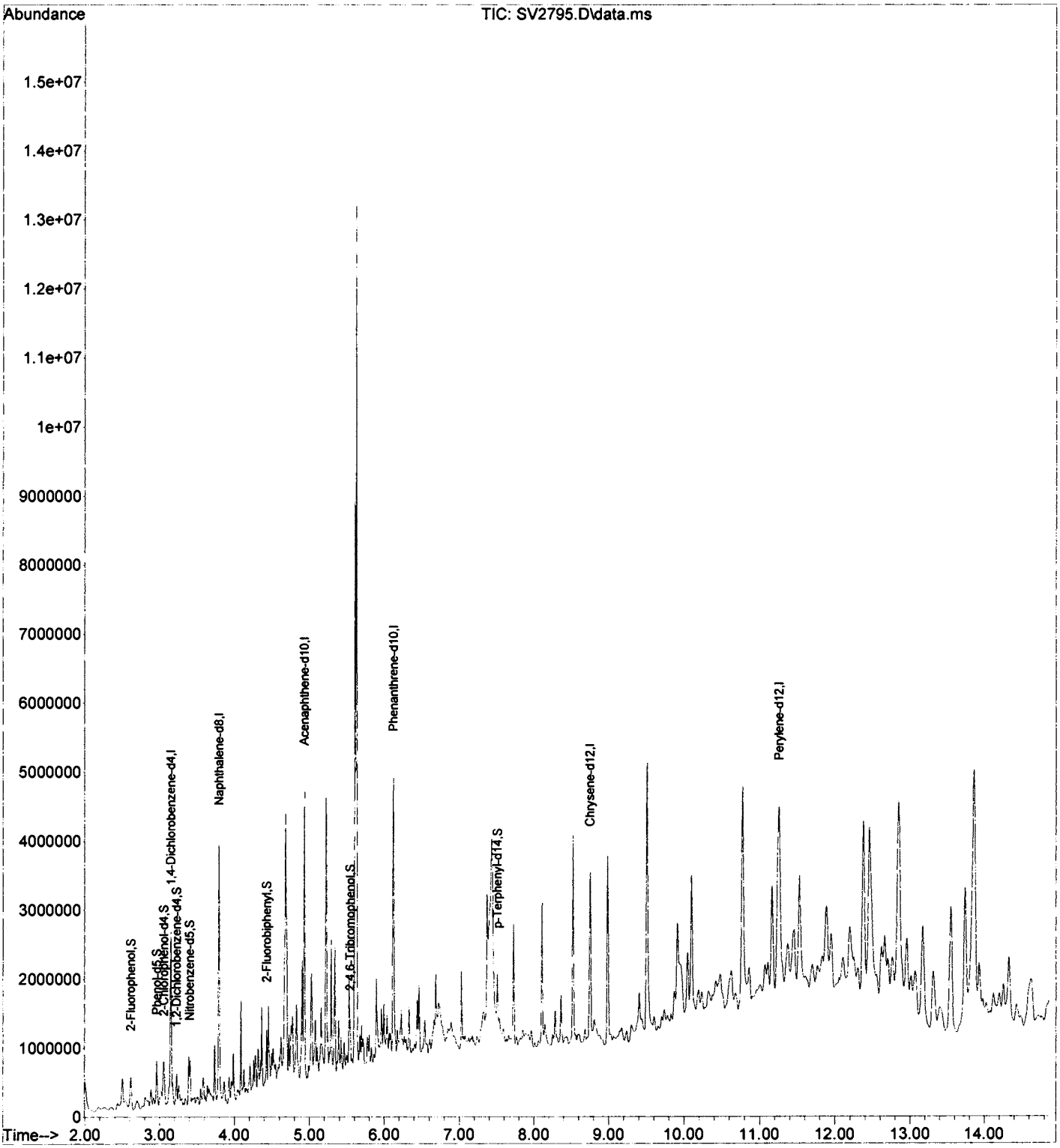
(#) = qualifier out of range (m) = manual integration (+) = signals summed

3/12/22

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030622A\
Data File : SV2795.D
Acq On : 7 Mar 2022 12:33 am
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Fri Mar 11 23:53:03 2022
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030622A\
Data File : SV2796.D
Acq On : 7 Mar 2022 12:50 am
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-2
Misc :
ALS Vial : 17 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Fri Mar 11 23:53:03 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.140	152	332243	40.00	ng/uL	0.01
24) Naphthalene-d8	3.775	136	1319063	40.00	ng/uL	0.00
38) Acenaphthene-d10	4.910	164	662476	40.00	ng/uL	0.00
67) Phenanthrene-d10	6.104	188	1080072	40.00	ng/uL	0.00
76) Chrysene-d12	8.739	240	903061	40.00	ng/uL	0.00
87) Perylene-d12	11.233	264	913711	40.00	ng/uL	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	2.610	112	67466	5.74	ng/uL	0.01
Spiked Amount 75.000	Range 10 - 120		Recovery = 7.65%#			
6) Phenol-d5	2.951	99	94088	6.02	ng/uL	0.00
Spiked Amount 75.000	Range 39 - 120		Recovery = 8.03%#			
10) 2-Chlorophenol-d4	3.046	132	64169	5.83	ng/uL	0.01
Spiked Amount 75.000	Range 30 - 120		Recovery = 7.77%#			
14) 1,2-Dichlorobenzene-d4	3.216	150	50805	3.75	ng/uL	0.00
Spiked Amount 75.000	Range 16 - 120		Recovery = 5.00%#			
23) Nitrobenzene-d5	3.393	82	68564	4.44	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery = 8.88%#			
42) 2-Fluorobiphenyl	4.410	172	102008	4.67	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery = 9.34%#			
68) 2,4,6-Tribromophenol	5.528	330	16446	6.51	ng/uL	0.00
Spiked Amount 75.000	Range 27 - 134		Recovery = 8.68%#			
85) p-Terphenyl-d14	7.498	244	104147	4.61	ng/uL	0.00
Spiked Amount 50.000	Range 29 - 126		Recovery = 9.22%#			
Target Compounds						Qvalue

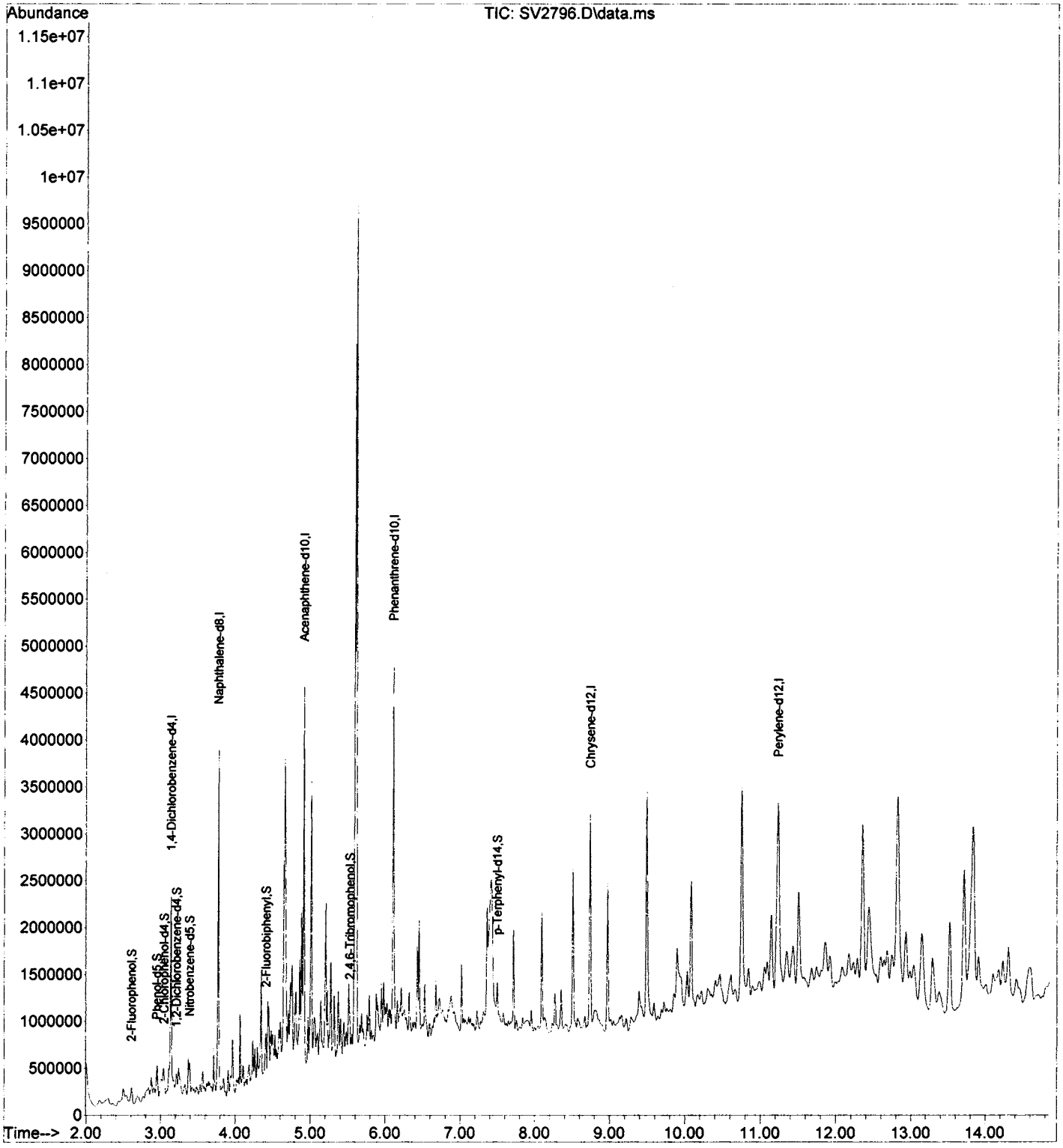
(#) = qualifier out of range (m) = manual integration (+) = signals summed

m 3/12/22

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030622A\
Data File : SV2796.D
Acq On : 7 Mar 2022 12:50 am
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-2
Misc :
ALS Vial : 17 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Fri Mar 11 23:53:03 2022
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030622A\
Data File : SV2797.D
Acq On : 7 Mar 2022 1:08 am
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-3
Misc :
ALS Vial : 18 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Fri Mar 11 23:53:03 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.134	152	343599	40.00	ng/uL	0.00
24) Naphthalene-d8	3.775	136	1366072	40.00	ng/uL	0.00
38) Acenaphthene-d10	4.910	164	681911	40.00	ng/uL	0.00
67) Phenanthrene-d10	6.104	188	1106064	40.00	ng/uL	0.00
76) Chrysene-d12	8.739	240	919397	40.00	ng/uL	0.00
87) Perylene-d12	11.233	264	908740	40.00	ng/uL	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	2.605	112	70671	5.82	ng/uL	0.00
Spiked Amount 75.000	Range 10 - 120		Recovery =	7.76%#		
6) Phenol-d5	2.952	99	93319	5.77	ng/uL	0.00
Spiked Amount 75.000	Range 39 - 120		Recovery =	7.69%#		
10) 2-Chlorophenol-d4	3.046	132	63869	5.61	ng/uL	0.01
Spiked Amount 75.000	Range 30 - 120		Recovery =	7.48%#		
14) 1,2-Dichlorobenzene-d4	3.216	150	52885	3.78	ng/uL	0.00
Spiked Amount 75.000	Range 16 - 120		Recovery =	5.04%#		
23) Nitrobenzene-d5	3.387	82	75311	4.71	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery =	9.42%#		
42) 2-Fluorobiphenyl	4.410	172	105369	4.69	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery =	9.38%#		
68) 2,4,6-Tribromophenol	5.522	330	16517	6.39	ng/uL	0.00
Spiked Amount 75.000	Range 27 - 134		Recovery =	8.52%#		
85) p-Terphenyl-d14	7.498	244	108457	4.71	ng/uL	0.00
Spiked Amount 50.000	Range 29 - 126		Recovery =	9.42%#		
Target Compounds						Qvalue

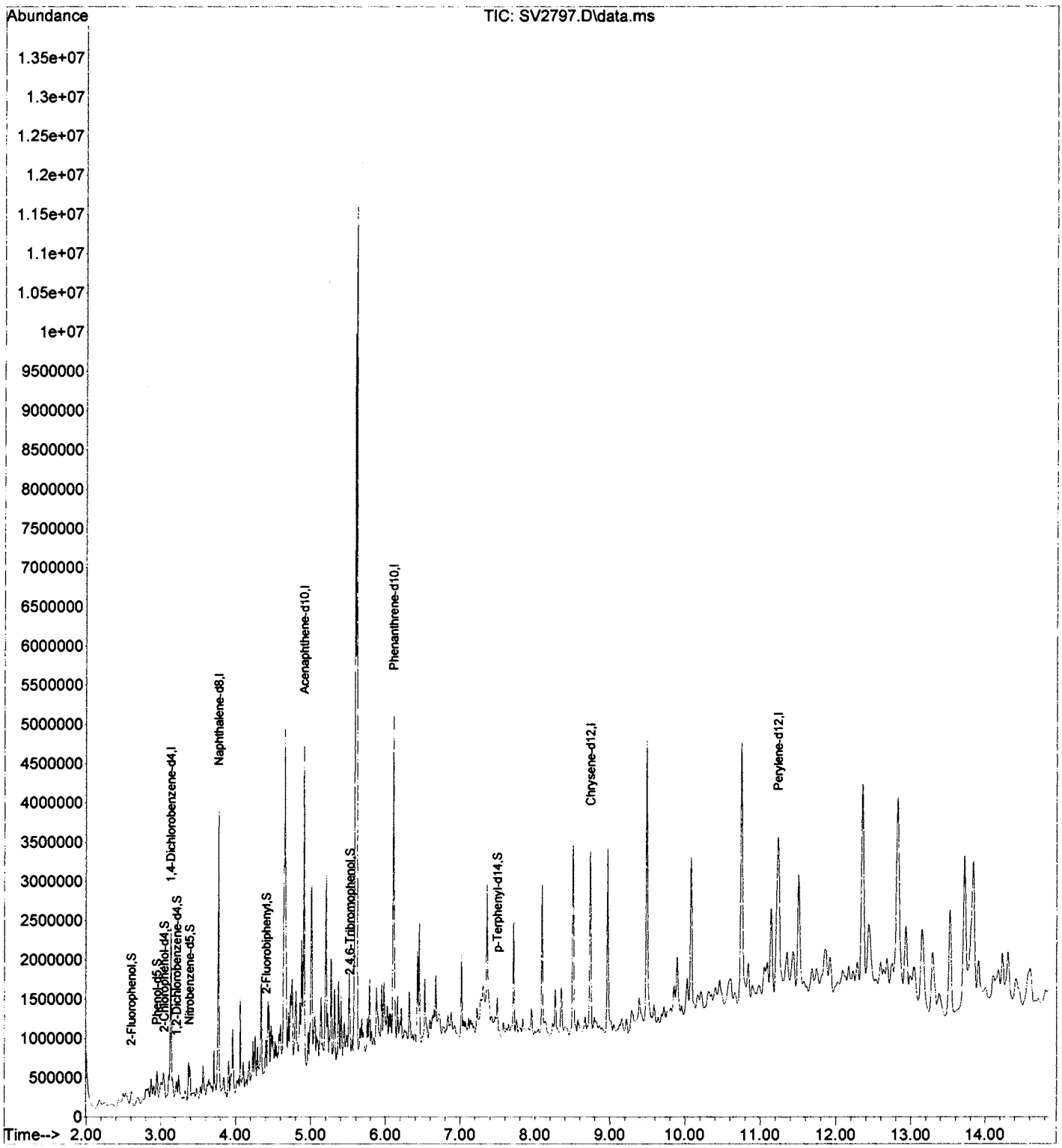
(#) = qualifier out of range (m) = manual integration (+) = signals summed

m 3/12/22

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030622A\
Data File : SV2797.D
Acq On : 7 Mar 2022 1:08 am
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-3
Misc :
ALS Vial : 18 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Fri Mar 11 23:53:03 2022
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030622A\
Data File : SV2798.D
Acq On : 7 Mar 2022 1:26 am
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-4
Misc :
ALS Vial : 19 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Fri Mar 11 23:53:03 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.140	152	335015	40.00	ng/uL	0.01
24) Naphthalene-d8	3.775	136	1339398	40.00	ng/uL	0.00
38) Acenaphthene-d10	4.910	164	670267	40.00	ng/uL	0.00
67) Phenanthrene-d10	6.104	188	1093688	40.00	ng/uL	0.00
76) Chrysene-d12	8.739	240	909061	40.00	ng/uL	0.00
87) Perylene-d12	11.233	264	858750	40.00	ng/uL	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	2.604	112	51892	4.38	ng/uL	0.00
Spiked Amount 75.000	Range 10 - 120		Recovery =	5.84%#		
6) Phenol-d5	2.993	99	18143	1.15	ng/uL	0.05
Spiked Amount 75.000	Range 39 - 120		Recovery =	1.53%#		
10) 2-Chlorophenol-d4	3.046	132	47307	4.26	ng/uL	0.01
Spiked Amount 75.000	Range 30 - 120		Recovery =	5.68%#		
14) 1,2-Dichlorobenzene-d4	3.216	150	38619	2.83	ng/uL	0.00
Spiked Amount 75.000	Range 16 - 120		Recovery =	3.77%#		
23) Nitrobenzene-d5	3.393	82	53584	3.44	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery =	6.88%#		
42) 2-Fluorobiphenyl	4.410	172	74509	3.37	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery =	6.74%#		
68) 2,4,6-Tribromophenol	5.522	330	11702	4.60	ng/uL	0.00
Spiked Amount 75.000	Range 27 - 134		Recovery =	6.13%#		
85) p-Terphenyl-d14	7.498	244	77327	3.40	ng/uL	0.00
Spiked Amount 50.000	Range 29 - 126		Recovery =	6.80%#		
Target Compounds						Qvalue

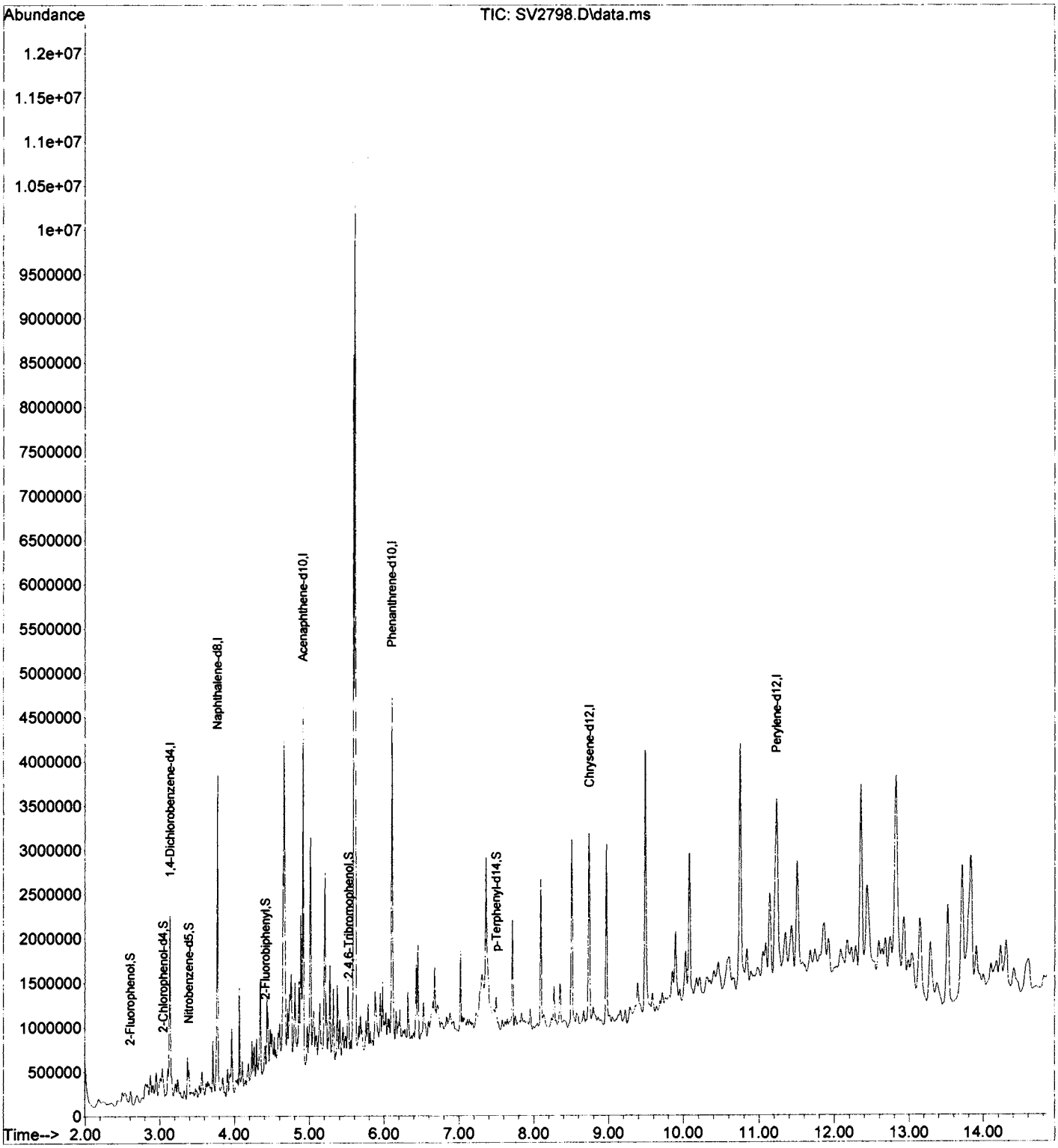
(#) = qualifier out of range (m) = manual integration (+) = signals summed

3/12/22

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030622A\
Data File : SV2798.D
Acq On : 7 Mar 2022 1:26 am
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-4
Misc :
ALS Vial : 19 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Fri Mar 11 23:53:03 2022
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030622A\
Data File : SV2799.D
Acq On : 7 Mar 2022 1:44 am
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-7
Misc :
ALS Vial : 20 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Fri Mar 11 23:53:03 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.134	152	320610	40.00	ng/uL	0.00
24) Naphthalene-d8	3.775	136	1270193	40.00	ng/uL	0.00
38) Acenaphthene-d10	4.910	164	636640	40.00	ng/uL	0.00
67) Phenanthrene-d10	6.104	188	1036988	40.00	ng/uL	0.00
76) Chrysene-d12	8.739	240	860589	40.00	ng/uL	0.00
87) Perylene-d12	11.233	264	788645	40.00	ng/uL	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	2.604	112	31917	2.82	ng/uL	0.00
Spiked Amount 75.000	Range 10 - 120		Recovery =	3.76%#		
6) Phenol-d5	2.951	99	42153	2.79	ng/uL	0.00
Spiked Amount 75.000	Range 39 - 120		Recovery =	3.72%#		
10) 2-Chlorophenol-d4	3.046	132	29048	2.73	ng/uL	0.01
Spiked Amount 75.000	Range 30 - 120		Recovery =	3.64%#		
14) 1,2-Dichlorobenzene-d4	3.210	150	24487	1.88	ng/uL	0.00
Spiked Amount 75.000	Range 16 - 120		Recovery =	2.51%#		
23) Nitrobenzene-d5	3.393	82	35435	2.38	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery =	4.76%#		
42) 2-Fluorobiphenyl	4.404	172	47123	2.25	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery =	4.50%#		
68) 2,4,6-Tribromophenol	5.522	330	7255	3.02	ng/uL	0.00
Spiked Amount 75.000	Range 27 - 134		Recovery =	4.03%#		
85) p-Terphenyl-d14	7.498	244	49141	2.28	ng/uL	0.00
Spiked Amount 50.000	Range 29 - 126		Recovery =	4.56%#		
Target Compounds						Qvalue

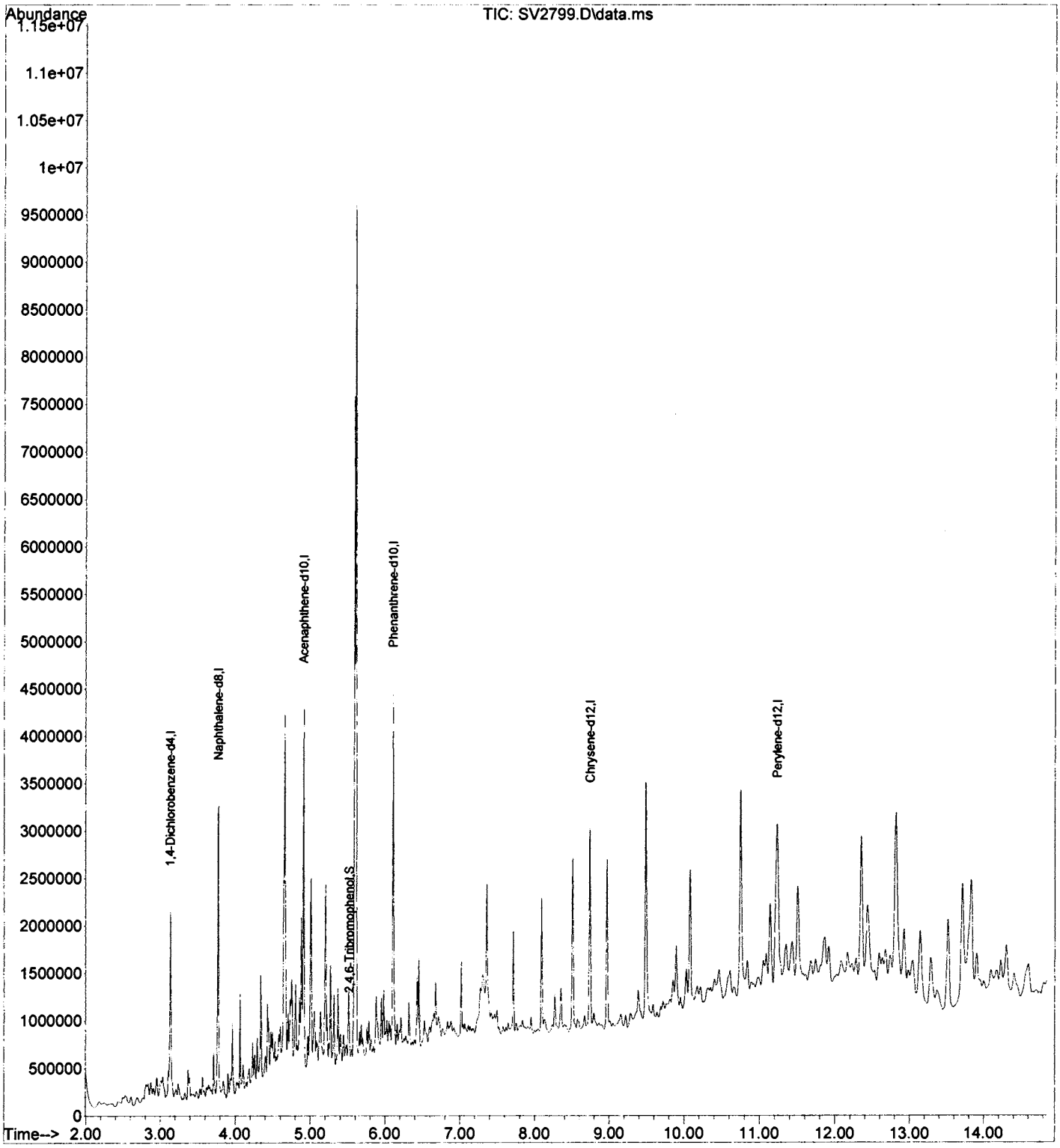
(#) = qualifier out of range (m) = manual integration (+) = signals summed

3/12/22

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030622A\
Data File : SV2799.D
Acq On : 7 Mar 2022 1:44 am
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-7
Misc :
ALS Vial : 20 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Fri Mar 11 23:53:03 2022
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030622A\
Data File : SV2800.D
Acq On : 7 Mar 2022 2:02 am
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-8
Misc :
ALS Vial : 21 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Fri Mar 11 23:53:03 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.134	152	333565	40.00	ng/uL	0.00
24) Naphthalene-d8	3.775	136	1332527	40.00	ng/uL	0.00
38) Acenaphthene-d10	4.910	164	666806	40.00	ng/uL	0.00
67) Phenanthrene-d10	6.104	188	1076444	40.00	ng/uL	0.00
76) Chrysene-d12	8.739	240	881846	40.00	ng/uL	0.00
87) Perylene-d12	11.233	264	804918	40.00	ng/uL	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	2.604	112	38338	3.25	ng/uL	0.00
Spiked Amount 75.000	Range 10 - 120		Recovery =	4.33%#		
6) Phenol-d5	2.952	99	52265	3.33	ng/uL	0.00
Spiked Amount 75.000	Range 39 - 120		Recovery =	4.44%#		
10) 2-Chlorophenol-d4	3.040	132	35465	3.21	ng/uL	0.00
Spiked Amount 75.000	Range 30 - 120		Recovery =	4.28%#		
14) 1,2-Dichlorobenzene-d4	3.210	150	27437	2.02	ng/uL	0.00
Spiked Amount 75.000	Range 16 - 120		Recovery =	2.69%#		
23) Nitrobenzene-d5	3.387	82	37937	2.45	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery =	4.90%#		
42) 2-Fluorobiphenyl	4.404	172	51676	2.35	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery =	4.70%#		
68) 2,4,6-Tribromophenol	5.522	330	8383	3.36	ng/uL	0.00
Spiked Amount 75.000	Range 27 - 134		Recovery =	4.48%#		
85) p-Terphenyl-d14	7.498	244	52831	2.39	ng/uL	0.00
Spiked Amount 50.000	Range 29 - 126		Recovery =	4.78%#		
Target Compounds						Qvalue

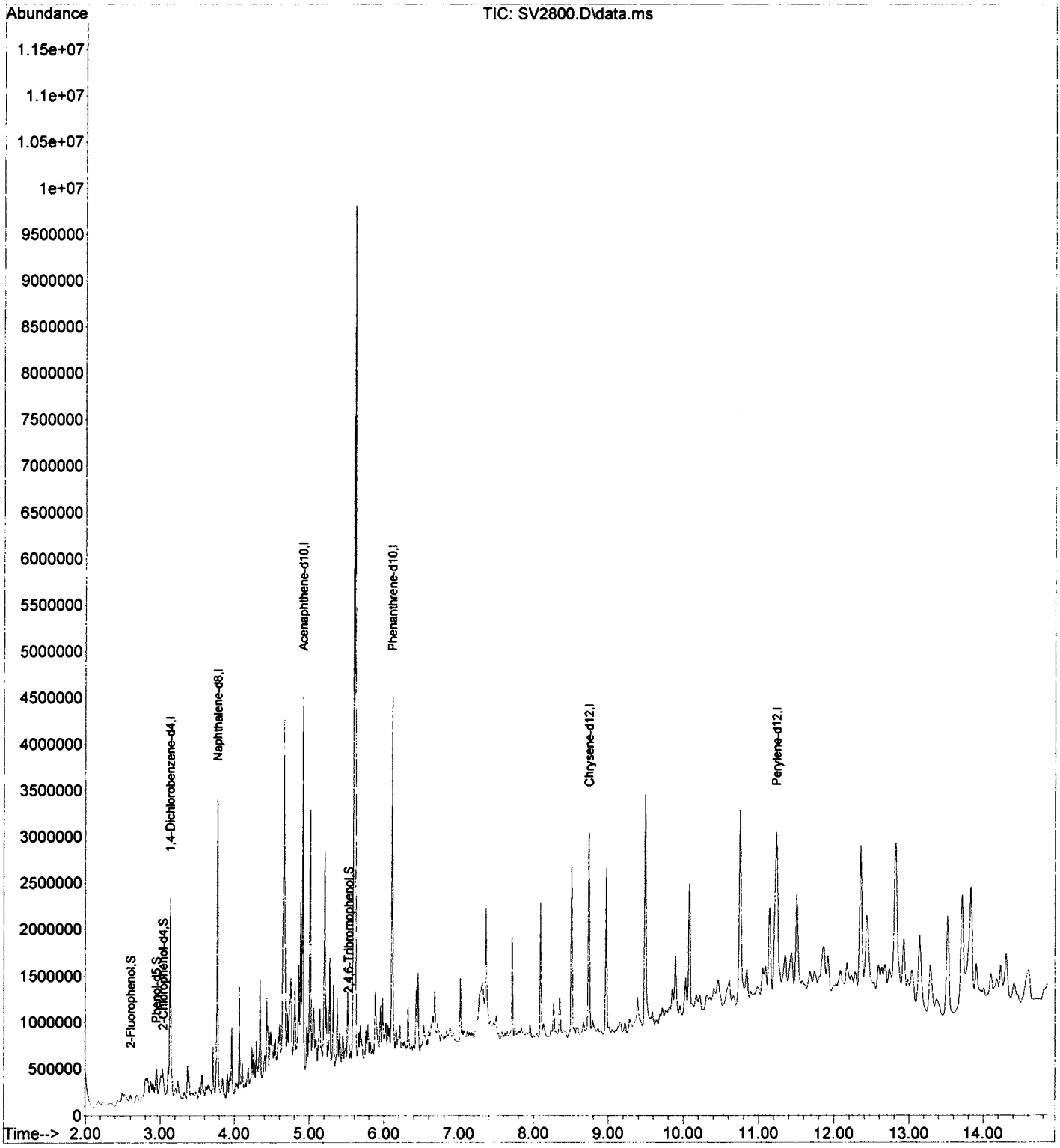
(#) = qualifier out of range (m) = manual integration (+) = signals summed

3/12/22

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030622A\
Data File : SV2800.D
Acq On : 7 Mar 2022 2:02 am
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-8
Misc :
ALS Vial : 21 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Fri Mar 11 23:53:03 2022
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030722\
Data File : SV2813.D
Acq On : 7 Mar 2022 7:18 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2203436-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 23:16:56 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.134	152	300516	40.00	ng/uL	0.00
24) Naphthalene-d8	3.769	136	1222520	40.00	ng/uL	0.00
38) Acenaphthene-d10	4.910	164	624684	40.00	ng/uL	0.00
67) Phenanthrene-d10	6.104	188	1048586	40.00	ng/uL	0.00
76) Chrysene-d12	8.734	240	898680	40.00	ng/uL	0.00
87) Perylene-d12	11.222	264	910198	40.00	ng/uL	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	2.599	112	623837	58.72	ng/uL	0.00
Spiked Amount 75.000	Range 10 - 120		Recovery = 78.29%			
6) Phenol-d5	2.946	99	884141	62.52	ng/uL	0.00
Spiked Amount 75.000	Range 39 - 120		Recovery = 83.36%			
10) 2-Chlorophenol-d4	3.040	132	572195	57.47	ng/uL	0.00
Spiked Amount 75.000	Range 30 - 120		Recovery = 76.63%			
14) 1,2-Dichlorobenzene-d4	3.210	150	360096	29.42	ng/uL	0.00
Spiked Amount 75.000	Range 16 - 120		Recovery = 39.23%			
23) Nitrobenzene-d5	3.387	82	508715	36.39	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery = 72.78%			
42) 2-Fluorobiphenyl	4.404	172	797070	38.72	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery = 77.44%			
68) 2,4,6-Tribromophenol	5.522	330	169913	61.01	ng/uL	0.00
Spiked Amount 75.000	Range 27 - 134		Recovery = 81.35%			
85) p-Terphenyl-d14	7.498	244	921960	40.98	ng/uL	0.00
Spiked Amount 50.000	Range 29 - 126		Recovery = 81.96%			
Target Compounds						Qvalue
81) Bis(2-ethylhexyl)phtha...	8.692	149	15095	3.65	ng/uL#	91

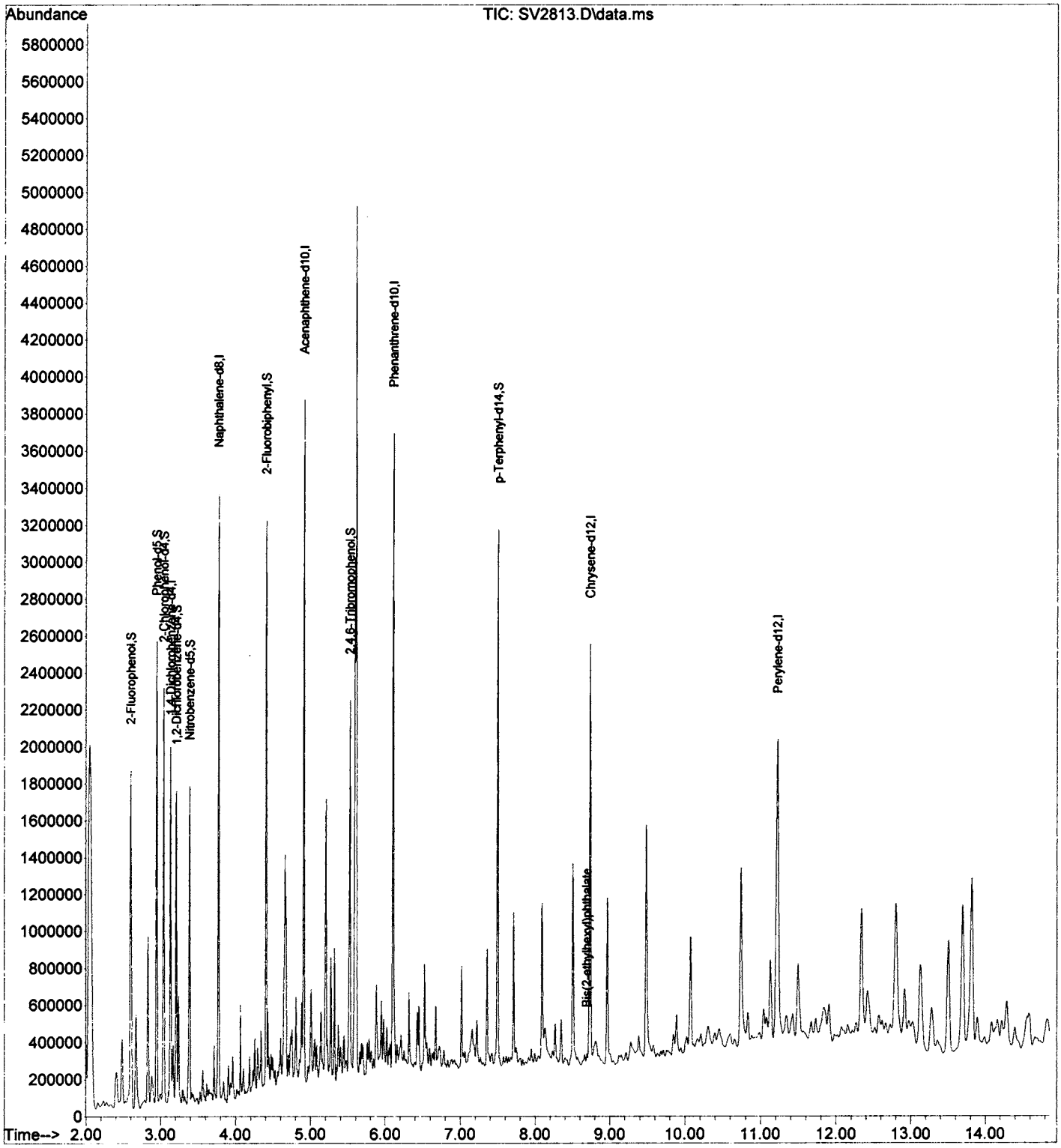
(#) = qualifier out of range (m) = manual integration (+) = signals summed

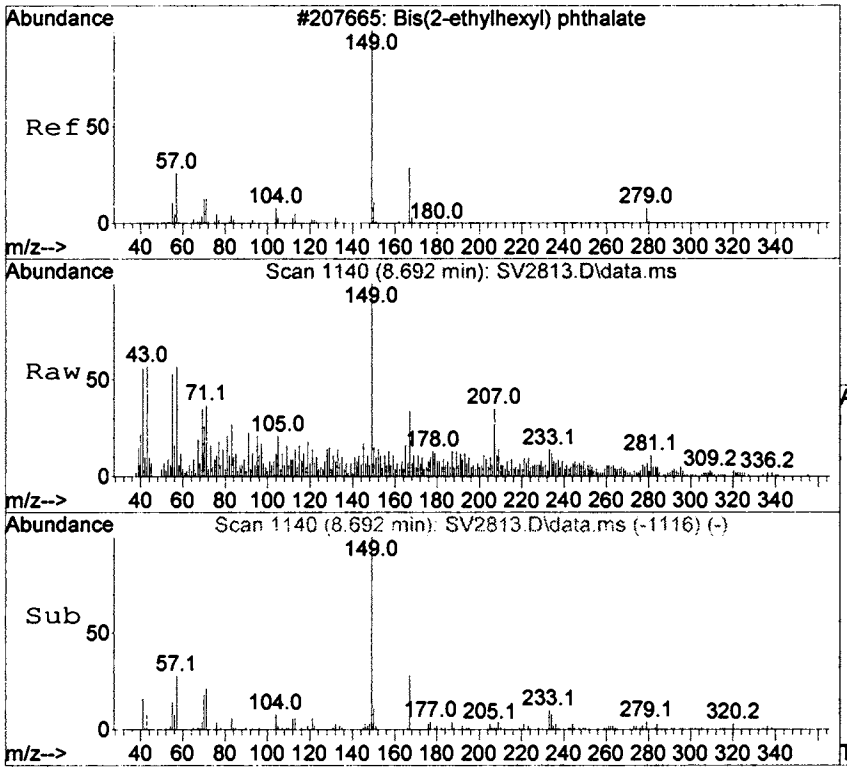
3/12/22

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030722\
Data File : SV2813.D
Acq On : 7 Mar 2022 7:18 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2203436-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 23:16:56 2022
Response via : Initial Calibration

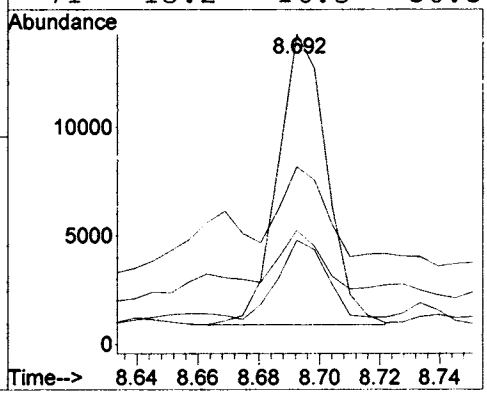




#81
Bis(2-ethylhexyl)phthalate
Concen: 3.65 ng/uL
RT: 8.692 min Scan# 1140
Delta R.T. -0.006 min
Lab File: SV2813.D
Acq: 7 Mar 2022 7:18 pm

Tgt Ion:149 Resp: 15095

Ion	Ratio	Lower	Upper
149	100		
167	30.0	19.3	35.9
57	36.3	22.4	41.6
71	15.2	16.3	30.3#



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030722\
Data File : SV2817.D
Acq On : 7 Mar 2022 11:20 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-5 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 23:16:56 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.140	152	309606	40.00	ng/uL	0.01
24) Naphthalene-d8	3.781	136	1241930	40.00	ng/uL	0.01
38) Acenaphthene-d10	4.916	164	629098	40.00	ng/uL	0.00
67) Phenanthrene-d10	6.110	188	1030004	40.00	ng/uL	0.00
76) Chrysene-d12	8.739	240	845881	40.00	ng/uL	0.00
87) Perylene-d12	11.233	264	879367	40.00	ng/uL	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	2.610	112	40345	3.69	ng/uL	0.02
Spiked Amount 75.000	Range 10 - 120		Recovery =	4.92%#		
6) Phenol-d5	2.957	99	54435	3.74	ng/uL	0.01
Spiked Amount 75.000	Range 39 - 120		Recovery =	4.99%#		
10) 2-Chlorophenol-d4	3.051	132	38575	3.76	ng/uL	0.01
Spiked Amount 75.000	Range 30 - 120		Recovery =	5.01%#		
14) 1,2-Dichlorobenzene-d4	3.216	150	30348	2.41	ng/uL	0.00
Spiked Amount 75.000	Range 16 - 120		Recovery =	3.21%#		
23) Nitrobenzene-d5	3.398	82	45328	3.15	ng/uL	0.01
Spiked Amount 50.000	Range 43 - 120		Recovery =	6.30%#		
42) 2-Fluorobiphenyl	4.416	172	66613	3.21	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery =	6.42%#		
68) 2,4,6-Tribromophenol	5.528	330	10861	4.53	ng/uL	0.00
Spiked Amount 75.000	Range 27 - 134		Recovery =	6.04%#		
85) p-Terphenyl-d14	7.498	244	70475	3.33	ng/uL	0.00
Spiked Amount 50.000	Range 29 - 126		Recovery =	6.66%#		
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

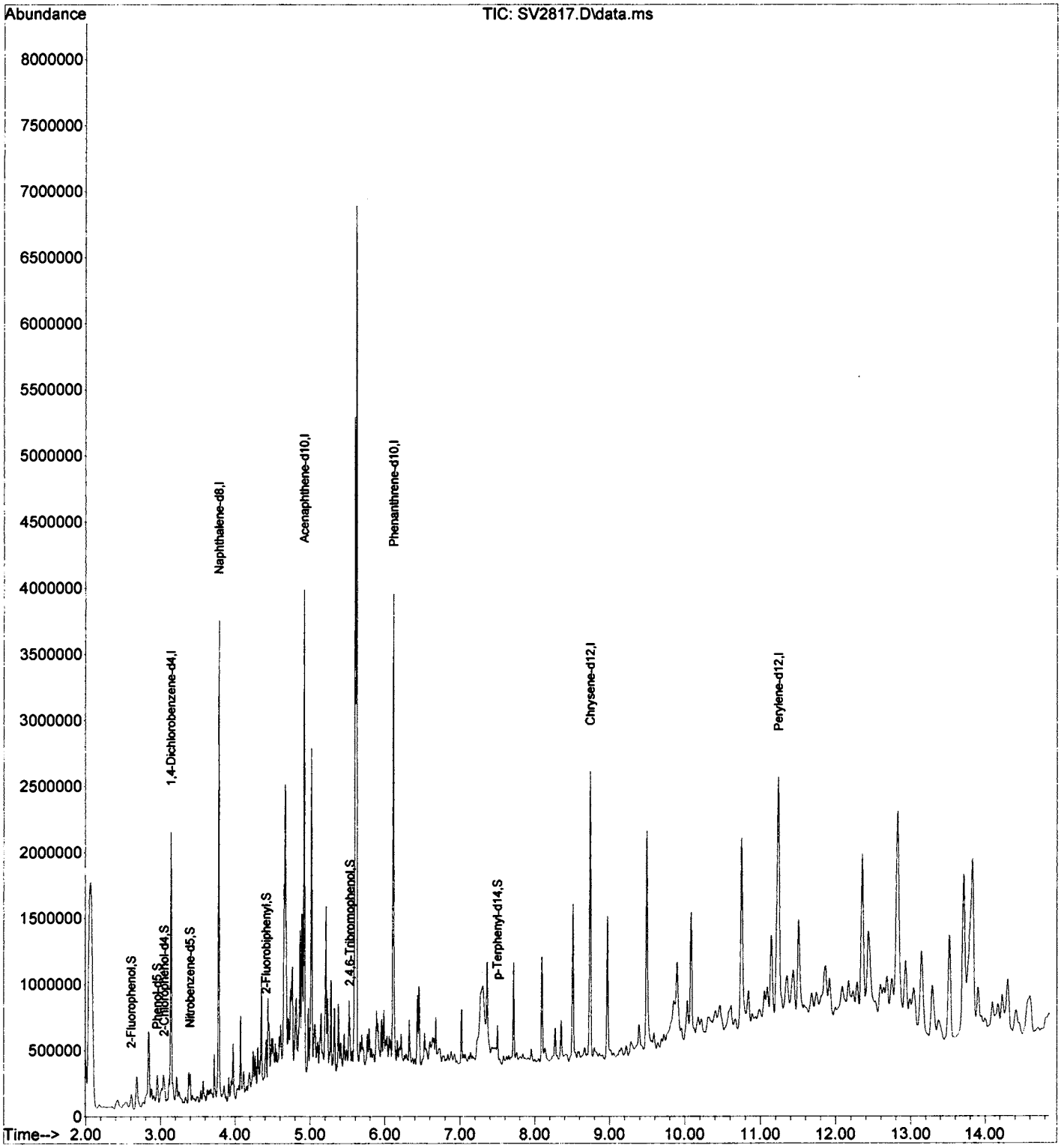
analyzed @ 2X due to the high viscosity of the extract

m 3/12/22

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030722\
Data File : SV2817.D
Acq On : 7 Mar 2022 11:20 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-5 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 23:16:56 2022
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030722\
Data File : SV2818.D
Acq On : 7 Mar 2022 11:38 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-6 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 23:16:56 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.140	152	297255	40.00	ng/uL	0.01
24) Naphthalene-d8	3.775	136	1199279	40.00	ng/uL	0.00
38) Acenaphthene-d10	4.910	164	611696	40.00	ng/uL	0.00
67) Phenanthrene-d10	6.104	188	995660	40.00	ng/uL	0.00
76) Chrysene-d12	8.733	240	808380	40.00	ng/uL	0.00
87) Perylene-d12	11.227	264	836313	40.00	ng/uL	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	2.610	112	54033	5.14	ng/uL	0.02
Spiked Amount 75.000	Range 10 - 120		Recovery =	6.85%#		
6) Phenol-d5	2.951	99	71361	5.10	ng/uL	0.00
Spiked Amount 75.000	Range 39 - 120		Recovery =	6.80%#		
10) 2-Chlorophenol-d4	3.045	132	48784	4.95	ng/uL	0.00
Spiked Amount 75.000	Range 30 - 120		Recovery =	6.60%#		
14) 1,2-Dichlorobenzene-d4	3.216	150	33880	2.80	ng/uL	0.00
Spiked Amount 75.000	Range 16 - 120		Recovery =	3.73%#		
23) Nitrobenzene-d5	3.393	82	48416	3.50	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery =	7.00%#		
42) 2-Fluorobiphenyl	4.404	172	71659	3.55	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery =	7.10%#		
68) 2,4,6-Tribromophenol	5.522	330	13419	5.77	ng/uL	0.00
Spiked Amount 75.000	Range 27 - 134		Recovery =	7.69%#		
85) p-Terphenyl-d14	7.498	244	75442	3.73	ng/uL	0.00
Spiked Amount 50.000	Range 29 - 126		Recovery =	7.46%#		
Target Compounds						Qvalue

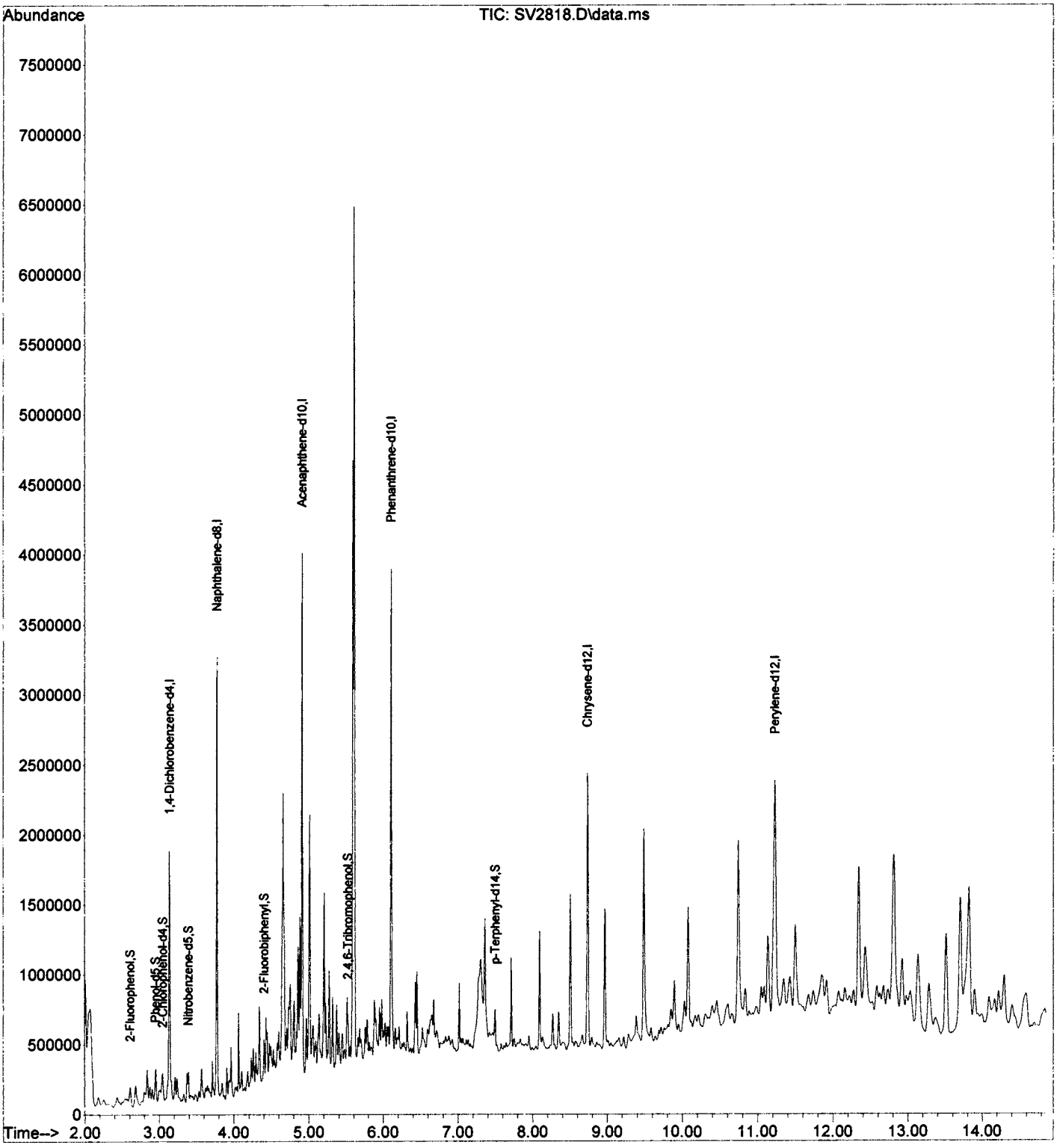
(#) = qualifier out of range (m) = manual integration (+) = signals summed

m 3/12/22

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030722\
Data File : SV2818.D
Acq On : 7 Mar 2022 11:38 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-6 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 23:16:56 2022
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

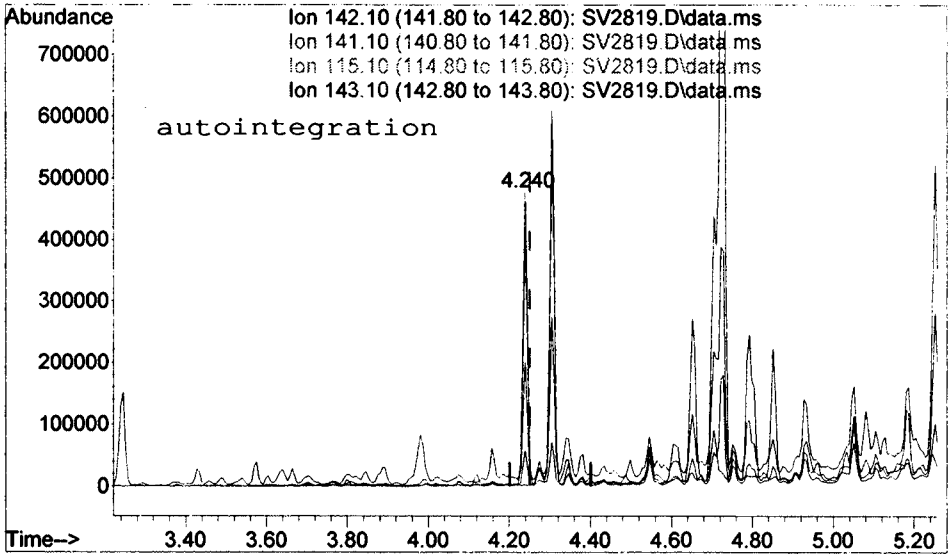
Data Path : C:\msdchem\1\data\2022\030722\
Data File : SV2819.D
Acq On : 8 Mar 2022 12:09 am
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 23:16:56 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.163	152	300958	40.00	ng/uL	0.04
24) Naphthalene-d8	3.822	136	1224084	40.00	ng/uL	0.05
38) Acenaphthene-d10	4.957	164	607177	40.00	ng/uL	0.05
67) Phenanthrene-d10	6.139	188	995035	40.00	ng/uL	0.04
76) Chrysene-d12	8.780	240	829458	40.00	ng/uL	0.05
87) Perylene-d12	11.327	264	868625	40.00	ng/uL	0.12
System Monitoring Compounds						
5) 2-Fluorophenol	2.616	112	518277	48.71	ng/uL	0.02
Spiked Amount 75.000	Range 10 - 120		Recovery = 64.95%			
6) Phenol-d5	2.975	99	687805	48.56	ng/uL	0.03
Spiked Amount 75.000	Range 39 - 120		Recovery = 64.75%			
10) 2-Chlorophenol-d4	3.069	132	450413	45.17	ng/uL	0.03
Spiked Amount 75.000	Range 30 - 120		Recovery = 60.23%			
14) 1,2-Dichlorobenzene-d4	3.245	150	307444	25.08	ng/uL	0.04
Spiked Amount 75.000	Range 16 - 120		Recovery = 33.44%			
23) Nitrobenzene-d5	3.428	82	455485	32.54	ng/uL	0.04
Spiked Amount 50.000	Range 43 - 120		Recovery = 65.08%			
42) 2-Fluorobiphenyl	4.463	172	613878	30.68	ng/uL	0.05
Spiked Amount 50.000	Range 43 - 120		Recovery = 61.36%			
68) 2,4,6-Tribromophenol	5.569	330	119772	46.78	ng/uL	0.05
Spiked Amount 75.000	Range 27 - 134		Recovery = 62.37%			
85) p-Terphenyl-d14	7.528	244	651959	31.40	ng/uL	0.03
Spiked Amount 50.000	Range 29 - 126		Recovery = 62.80%			
Target Compounds						Qvalue
37) 1-Methylnaphthalene	4.304	142	468659m	23.89	ng/uL	
75) Fluoranthene	7.198	202	174085	6.41	ng/uL	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

3/12/22



TIC: SV2819.D\data.ms

(37) 1-Methylnaphthalene (T)
4.240min (-0.012) 18.26 ng/uL
response 358182

Ion	Exp%	Act%
142.10	100.00	100.00
141.10	91.20	88.64
115.10	40.80	40.44
143.10	11.20	12.00

Reason for manual re-integration?

[X] missed peak assignment

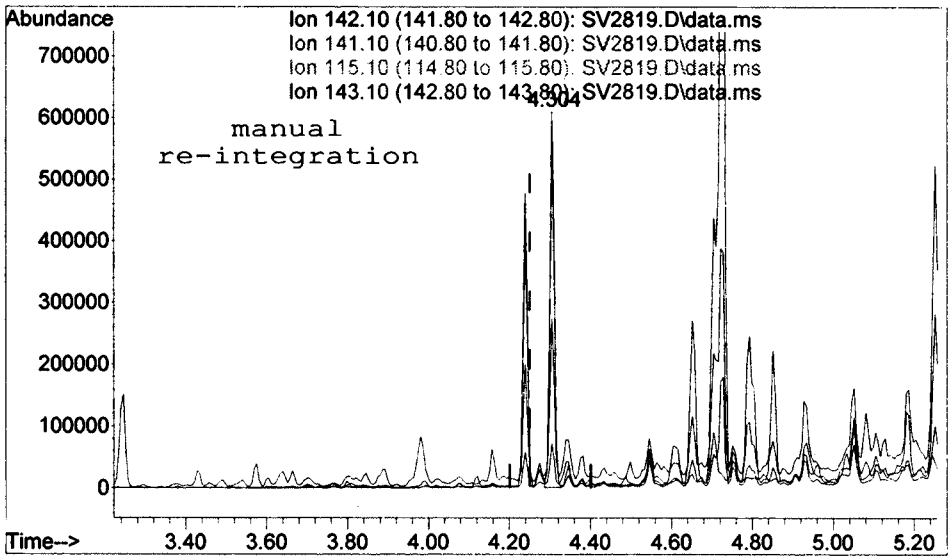
[ ] peak saturation (detector shutdown)

[ ] over-integrated peak's area

[ ] under-integrated peak's area

[ ] other (_____)

initials: CM date: 3/12/22



TIC: SV2819.D\data.ms

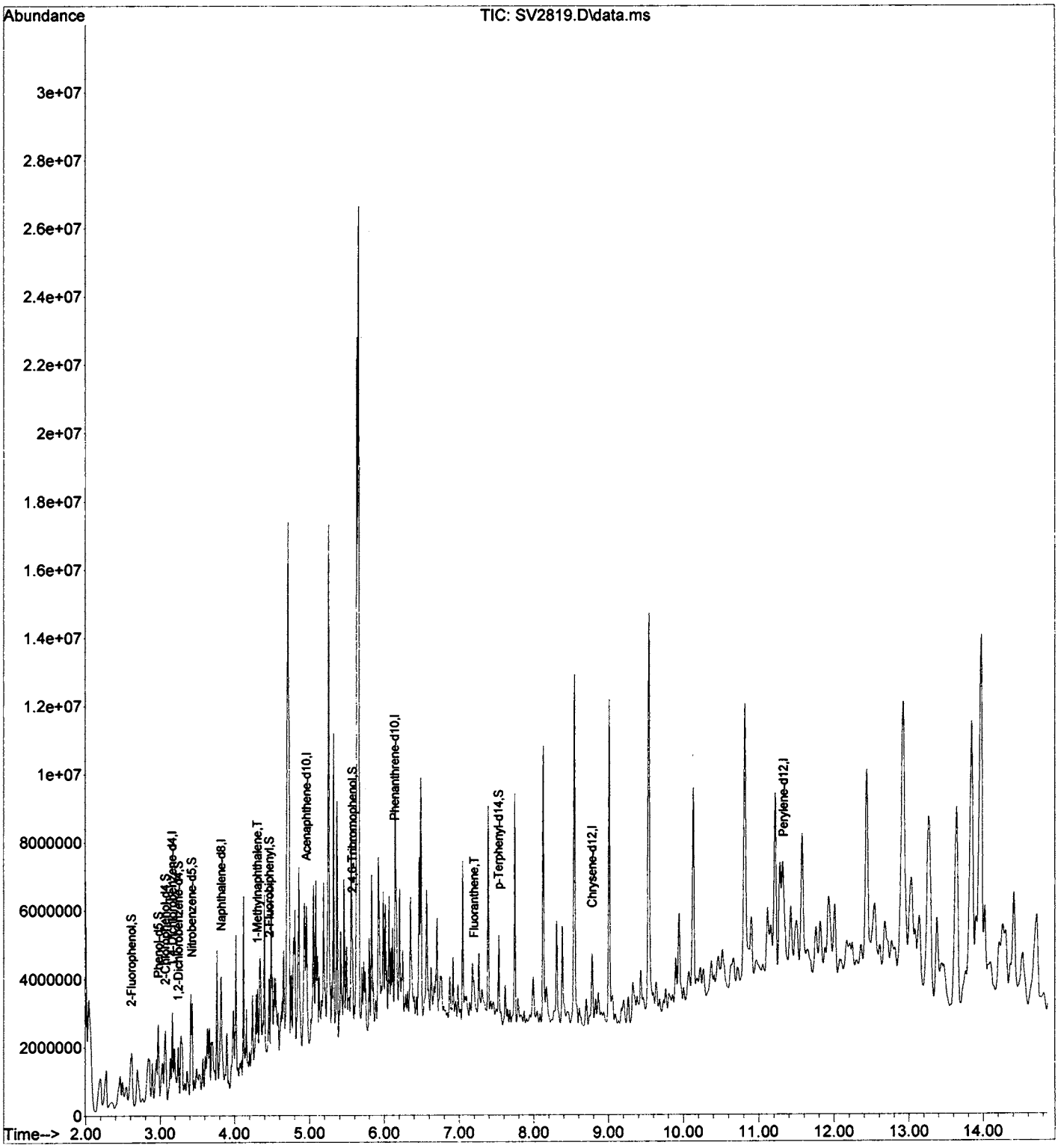
(37) 1-Methylnaphthalene (T)
4.304min (+ 0.053) 23.89 ng/uL m
response 468659

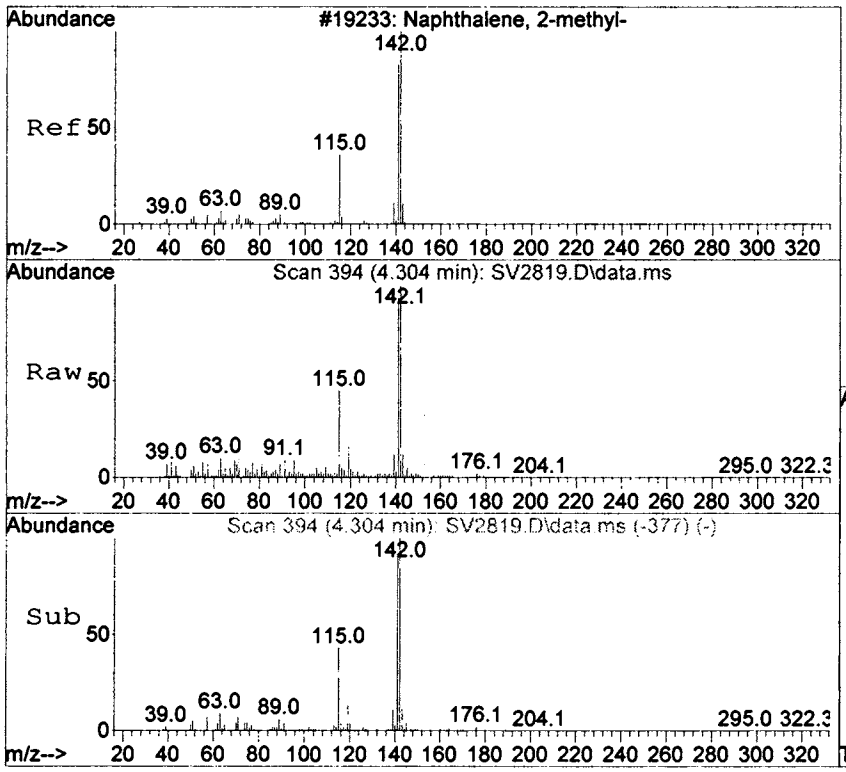
Ion	Exp%	Act%
142.10	100.00	100.00
141.10	91.20	67.75
115.10	40.80	30.91
143.10	11.20	9.17

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030722\
Data File : SV2819.D
Acq On : 8 Mar 2022 12:09 am
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 23:16:56 2022
Response via : Initial Calibration

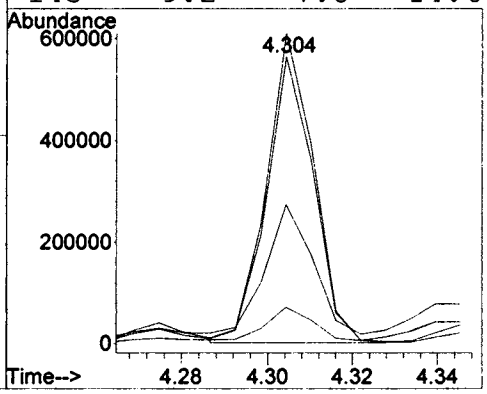


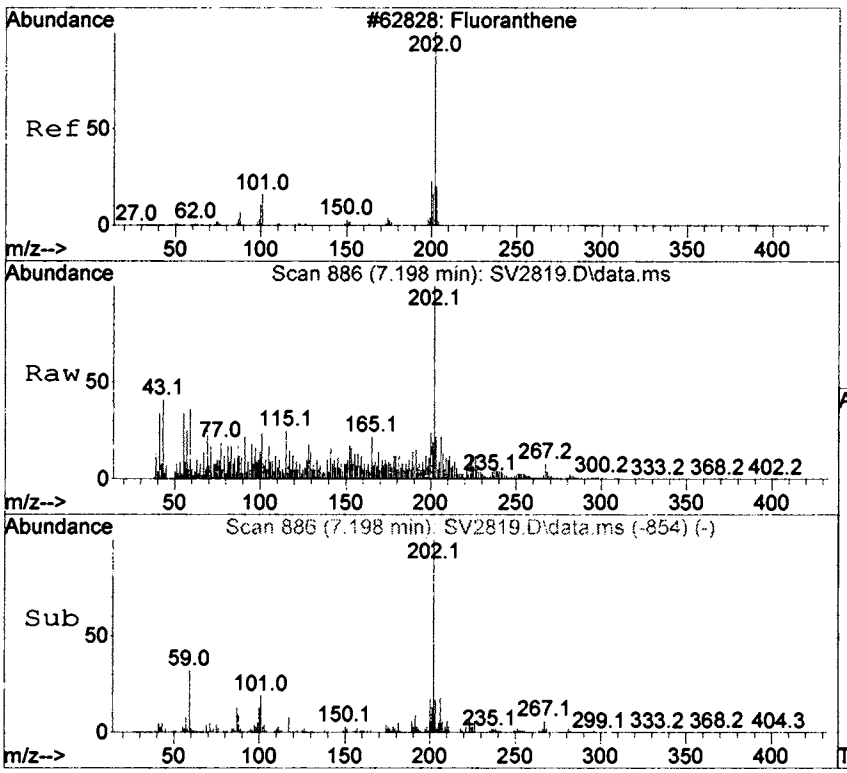


#37
1-Methylnaphthalene
Concen: 23.89 ng/uL m
RT: 4.304 min Scan# 394
Delta R.T. 0.053 min
Lab File: SV2819.D
Acq: 8 Mar 2022 12:09 am

Tgt Ion:142 Resp: 468659

Ion	Ratio	Lower	Upper
142	100		
141	67.7	63.8	118.6
115	30.9	28.6	53.0
143	9.2	7.8	14.6

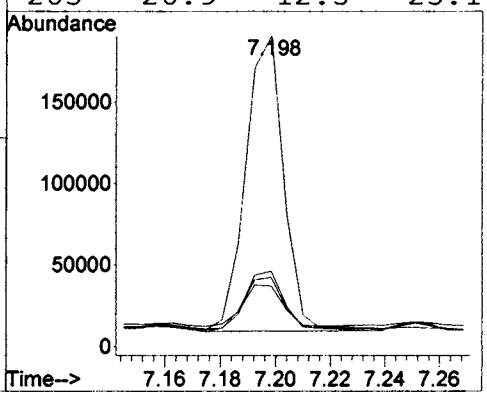




#75
Fluoranthene
Concen: 6.41 ng/uL
RT: 7.198 min Scan# 886
Delta R.T. 0.041 min
Lab File: SV2819.D
Acq: 8 Mar 2022 12:09 am

Tgt Ion:202 Resp: 174085

Ion	Ratio	Lower	Upper
202	100		
200	21.1	14.4	26.8
201	14.4	10.2	19.0
203	20.9	12.5	23.1



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030822A\
Data File : SV2827.D
Acq On : 8 Mar 2022 5:59 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-18
Misc :
ALS Vial : 8 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Fri Mar 11 23:53:03 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.134	152	259572	40.00	ng/uL	0.02
24) Naphthalene-d8	3.775	136	1056265	40.00	ng/uL	0.02
38) Acenaphthene-d10	4.916	164	545246	40.00	ng/uL	0.02
67) Phenanthrene-d10	6.104	188	934429	40.00	ng/uL	0.02
76) Chrysene-d12	8.727	240	797917	40.00	ng/uL	0.01
87) Perylene-d12	11.210	264	792967	40.00	ng/uL	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	2.598	112	615655	67.09	ng/uL	0.02
Spiked Amount 75.000	Range 10 - 120		Recovery = 89.45%			
6) Phenol-d5	2.945	99	861779	70.55	ng/uL	0.01
Spiked Amount 75.000	Range 39 - 120		Recovery = 94.07%			
10) 2-Chlorophenol-d4	3.040	132	559041	65.00	ng/uL	0.02
Spiked Amount 75.000	Range 30 - 120		Recovery = 86.67%			
14) 1,2-Dichlorobenzene-d4	3.210	150	355983	33.67	ng/uL	0.02
Spiked Amount 75.000	Range 16 - 120		Recovery = 44.89%			
23) Nitrobenzene-d5	3.387	82	506708	41.97	ng/uL	0.01
Spiked Amount 50.000	Range 43 - 120		Recovery = 83.94%			
42) 2-Fluorobiphenyl	4.410	172	753228	41.92	ng/uL	0.02
Spiked Amount 50.000	Range 43 - 120		Recovery = 83.84%			
68) 2,4,6-Tribromophenol	5.528	330	166653	66.37	ng/uL	0.02
Spiked Amount 75.000	Range 27 - 134		Recovery = 88.49%			
85) p-Terphenyl-d14	7.492	244	902281	45.17	ng/uL	0.01
Spiked Amount 50.000	Range 29 - 126		Recovery = 90.34%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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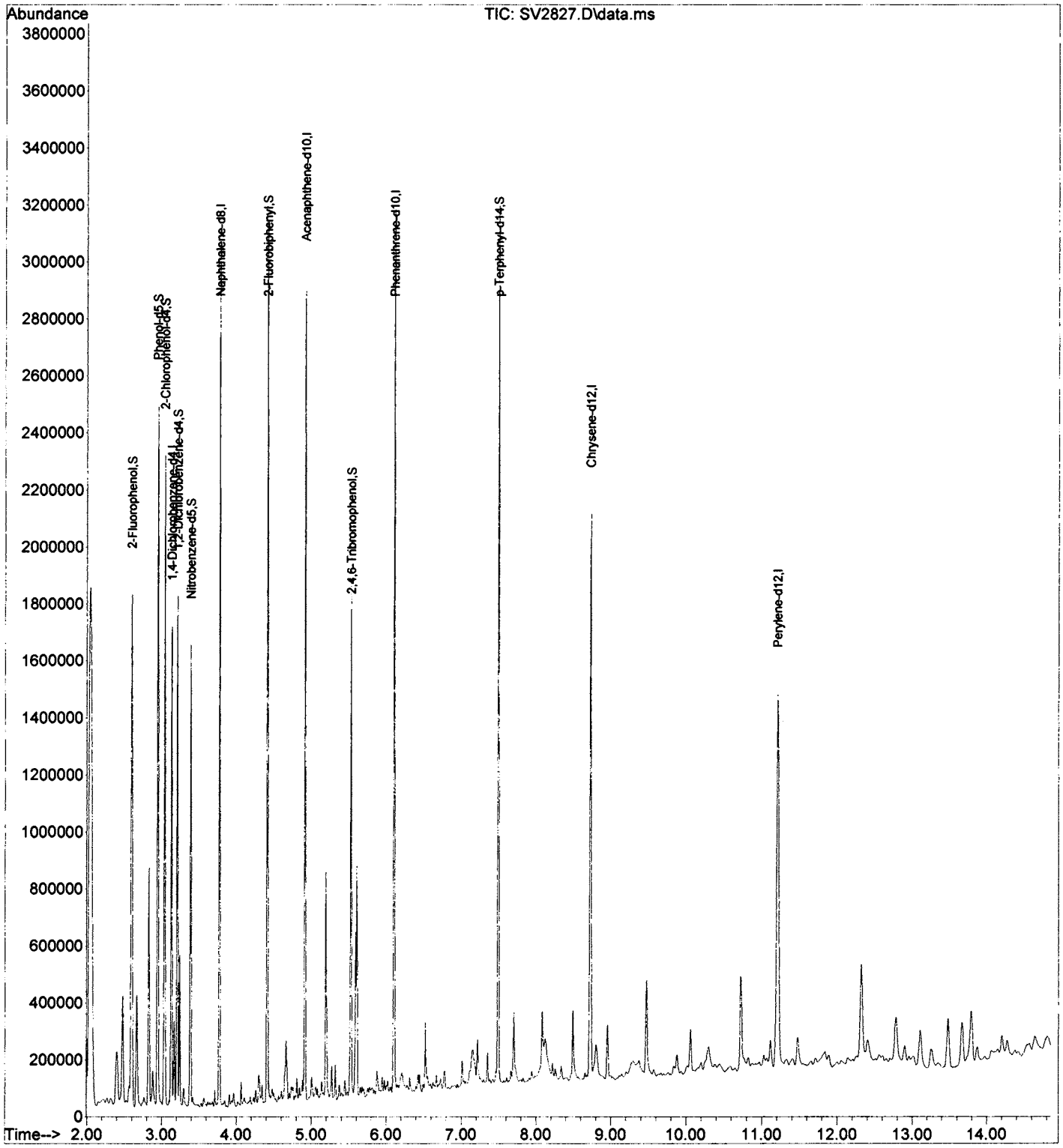
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030822A\
Data File : SV2827.D
Acq On : 8 Mar 2022 5:59 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-18
Misc :
ALS Vial : 8 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Fri Mar 11 23:53:03 2022
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030822A\
Data File : SV2828.D
Acq On : 8 Mar 2022 6:17 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Fri Mar 11 23:53:03 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.128	152	263487	40.00	ng/uL	0.01
24) Naphthalene-d8	3.769	136	1066522	40.00	ng/uL	0.01
38) Acenaphthene-d10	4.904	164	545755	40.00	ng/uL	0.01
67) Phenanthrene-d10	6.098	188	934409	40.00	ng/uL	0.01
76) Chrysene-d12	8.722	240	784934	40.00	ng/uL	0.00
87) Perylene-d12	11.204	264	779622	40.00	ng/uL	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	2.599	112	503197	54.02	ng/uL	0.02
Spiked Amount 75.000	Range 10 - 120		Recovery = 72.03%			
6) Phenol-d5	2.946	99	715485	57.70	ng/uL	0.01
Spiked Amount 75.000	Range 39 - 120		Recovery = 76.93%			
10) 2-Chlorophenol-d4	3.040	132	461852	52.90	ng/uL	0.02
Spiked Amount 75.000	Range 30 - 120		Recovery = 70.53%			
14) 1,2-Dichlorobenzene-d4	3.205	150	284093	26.47	ng/uL	0.01
Spiked Amount 75.000	Range 16 - 120		Recovery = 35.29%			
23) Nitrobenzene-d5	3.381	82	408143	33.30	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery = 66.60%			
42) 2-Fluorobiphenyl	4.404	172	625913	34.80	ng/uL	0.01
Spiked Amount 50.000	Range 43 - 120		Recovery = 69.60%			
68) 2,4,6-Tribromophenol	5.516	330	130539	53.48	ng/uL	0.00
Spiked Amount 75.000	Range 27 - 134		Recovery = 71.31%			
85) p-Terphenyl-d14	7.487	244	719264	36.60	ng/uL	0.00
Spiked Amount 50.000	Range 29 - 126		Recovery = 73.20%			
Target Compounds						Qvalue

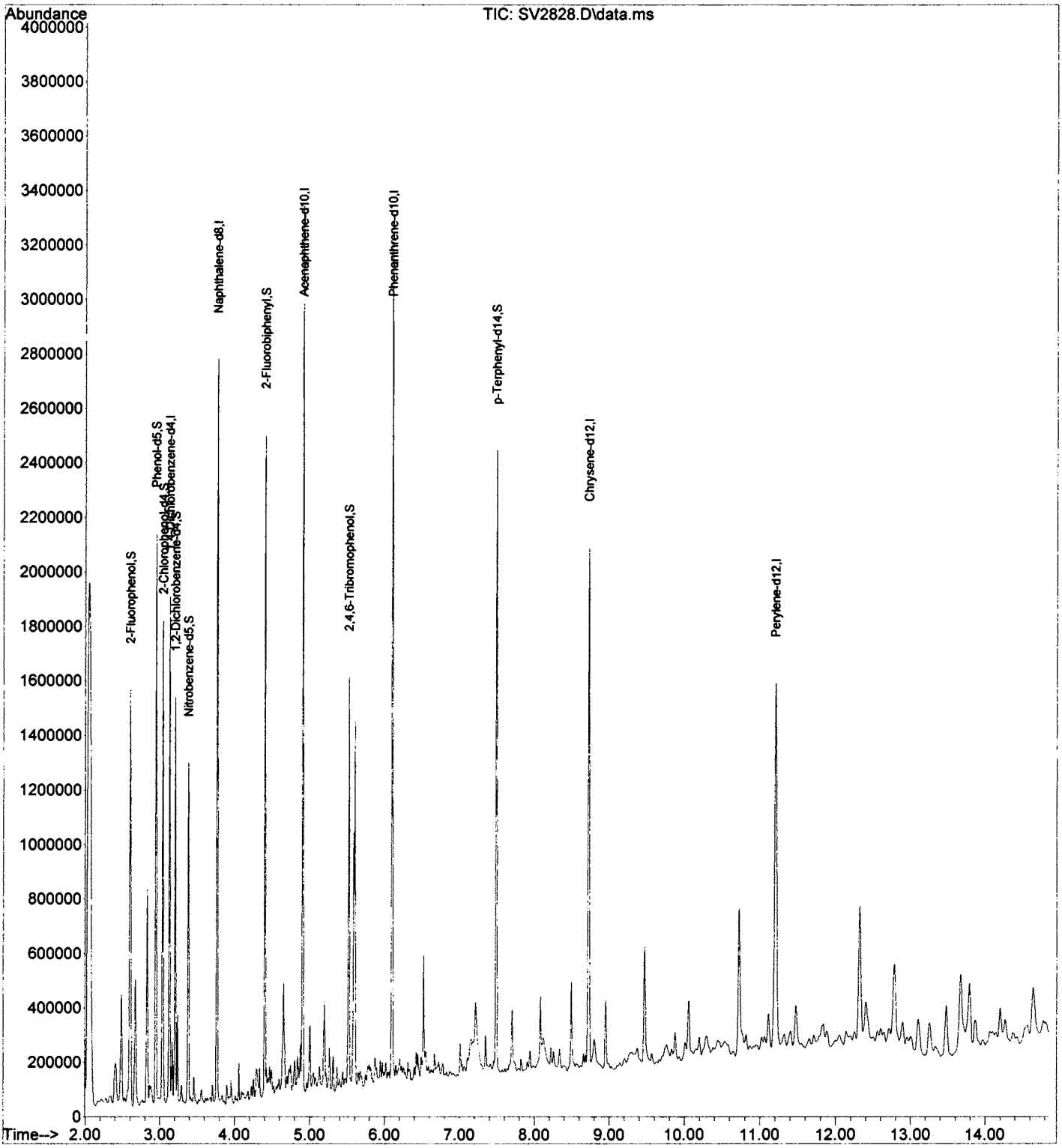
(#) = qualifier out of range (m) = manual integration (+) = signals summed

3/12/22

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030822A\
Data File : SV2828.D
Acq On : 8 Mar 2022 6:17 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Fri Mar 11 23:53:03 2022
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030822A\
Data File : SV2829.D
Acq On : 8 Mar 2022 6:35 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-20
Misc :
ALS Vial : 10 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Fri Mar 11 23:53:03 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.128	152	275494	40.00	ng/uL	0.01
24) Naphthalene-d8	3.769	136	1114149	40.00	ng/uL	0.01
38) Acenaphthene-d10	4.904	164	566443	40.00	ng/uL	0.01
67) Phenanthrene-d10	6.098	188	951168	40.00	ng/uL	0.01
76) Chrysene-d12	8.722	240	784887	40.00	ng/uL	0.00
87) Perylene-d12	11.210	264	775843	40.00	ng/uL	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	2.604	112	511491	52.52	ng/uL	0.02
Spiked Amount 75.000	Range 10 - 120		Recovery = 70.03%			
6) Phenol-d5	2.946	99	706576	54.50	ng/uL	0.01
Spiked Amount 75.000	Range 39 - 120		Recovery = 72.67%			
10) 2-Chlorophenol-d4	3.040	132	464478	50.88	ng/uL	0.02
Spiked Amount 75.000	Range 30 - 120		Recovery = 67.84%			
14) 1,2-Dichlorobenzene-d4	3.210	150	295800	26.36	ng/uL	0.02
Spiked Amount 75.000	Range 16 - 120		Recovery = 35.15%			
23) Nitrobenzene-d5	3.387	82	418021	32.62	ng/uL	0.01
Spiked Amount 50.000	Range 43 - 120		Recovery = 65.24%			
42) 2-Fluorobiphenyl	4.404	172	618945	33.16	ng/uL	0.01
Spiked Amount 50.000	Range 43 - 120		Recovery = 66.32%			
68) 2,4,6-Tribromophenol	5.516	330	130022	52.45	ng/uL	0.00
Spiked Amount 75.000	Range 27 - 134		Recovery = 69.93%			
85) p-Terphenyl-d14	7.486	244	690863	35.16	ng/uL	0.00
Spiked Amount 50.000	Range 29 - 126		Recovery = 70.32%			
Target Compounds						Qvalue

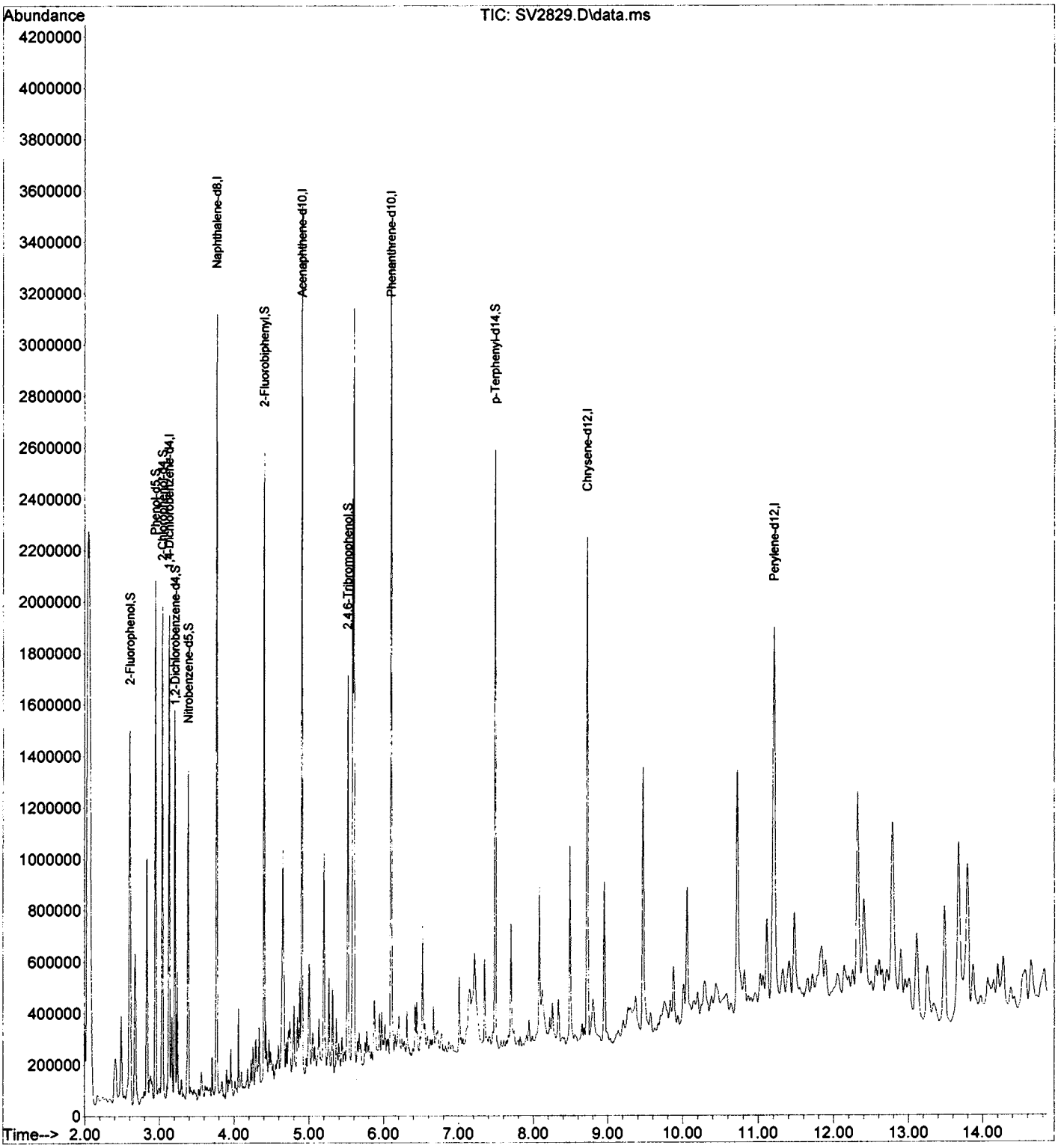
(#) = qualifier out of range (m) = manual integration (+) = signals summed

3/12/22

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030822A\
Data File : SV2829.D
Acq On : 8 Mar 2022 6:35 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-20
Misc :
ALS Vial : 10 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Fri Mar 11 23:53:03 2022
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030822A\
Data File : SV2830.D
Acq On : 8 Mar 2022 6:53 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-21
Misc :
ALS Vial : 11 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Fri Mar 11 23:53:03 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.128	152	269525	40.00	ng/uL	0.01
24) Naphthalene-d8	3.769	136	1094667	40.00	ng/uL	0.01
38) Acenaphthene-d10	4.904	164	552680	40.00	ng/uL	0.01
67) Phenanthrene-d10	6.098	188	936825	40.00	ng/uL	0.01
76) Chrysene-d12	8.727	240	769664	40.00	ng/uL	0.01
87) Perylene-d12	11.204	264	773768	40.00	ng/uL	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	2.604	112	605107	63.51	ng/uL	0.02
Spiked Amount 75.000	Range 10 - 120		Recovery = 84.68%			
6) Phenol-d5	2.946	99	846533	66.74	ng/uL	0.01
Spiked Amount 75.000	Range 39 - 120		Recovery = 88.99%			
10) 2-Chlorophenol-d4	3.040	132	548539	61.42	ng/uL	0.02
Spiked Amount 75.000	Range 30 - 120		Recovery = 81.89%			
14) 1,2-Dichlorobenzene-d4	3.204	150	346847	31.60	ng/uL	0.01
Spiked Amount 75.000	Range 16 - 120		Recovery = 42.13%			
23) Nitrobenzene-d5	3.387	82	496837	39.63	ng/uL	0.01
Spiked Amount 50.000	Range 43 - 120		Recovery = 79.26%			
42) 2-Fluorobiphenyl	4.404	172	737762	40.51	ng/uL	0.01
Spiked Amount 50.000	Range 43 - 120		Recovery = 81.02%			
68) 2,4,6-Tribromophenol	5.522	330	161081	64.28	ng/uL	0.01
Spiked Amount 75.000	Range 27 - 134		Recovery = 85.71%			
85) p-Terphenyl-d14	7.492	244	847419	43.98	ng/uL	0.01
Spiked Amount 50.000	Range 29 - 126		Recovery = 87.96%			
Target Compounds						Qvalue

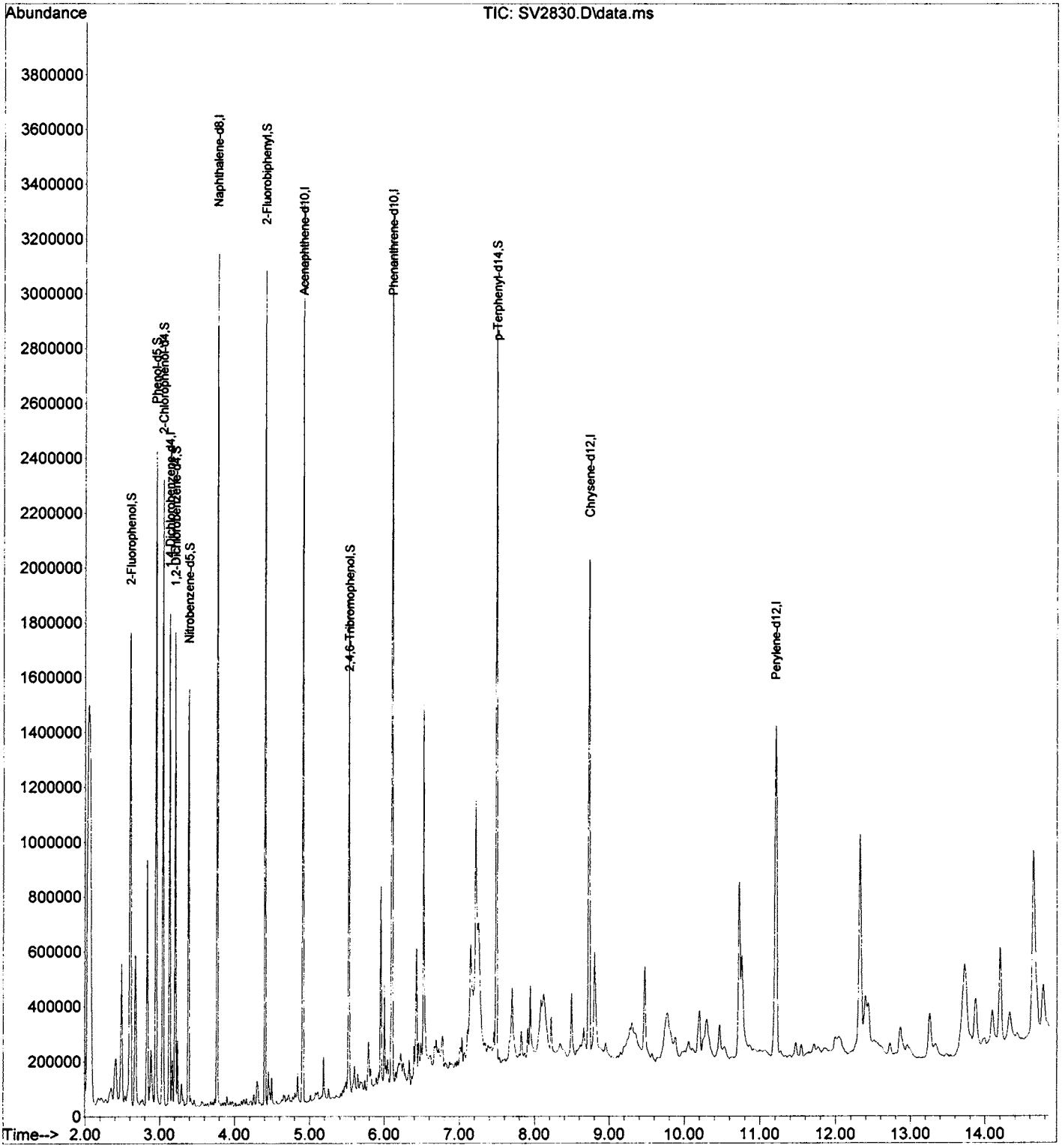
(#) = qualifier out of range (m) = manual integration (+) = signals summed

mrs 3/12/22

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030822A\
Data File : SV2830.D
Acq On : 8 Mar 2022 6:53 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-21
Misc :
ALS Vial : 11 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Fri Mar 11 23:53:03 2022
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030822A\
Data File : SV2831.D
Acq On : 8 Mar 2022 7:11 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-23
Misc :
ALS Vial : 12 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Fri Mar 11 23:53:03 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.134	152	275412	40.00	ng/uL	0.02
24) Naphthalene-d8	3.769	136	1102399	40.00	ng/uL	0.01
38) Acenaphthene-d10	4.904	164	558499	40.00	ng/uL	0.01
67) Phenanthrene-d10	6.098	188	938065	40.00	ng/uL	0.01
76) Chrysene-d12	8.728	240	774625	40.00	ng/uL	0.01
87) Perylene-d12	11.204	264	778885	40.00	ng/uL	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	2.604	112	532204	54.66	ng/uL	0.02
Spiked Amount 75.000	Range 10 - 120		Recovery = 72.88%			
6) Phenol-d5	2.946	99	747277	57.66	ng/uL	0.01
Spiked Amount 75.000	Range 39 - 120		Recovery = 76.88%			
10) 2-Chlorophenol-d4	3.040	132	484809	53.13	ng/uL	0.02
Spiked Amount 75.000	Range 30 - 120		Recovery = 70.84%			
14) 1,2-Dichlorobenzene-d4	3.210	150	303515	27.06	ng/uL	0.02
Spiked Amount 75.000	Range 16 - 120		Recovery = 36.08%			
23) Nitrobenzene-d5	3.387	82	435899	34.03	ng/uL	0.01
Spiked Amount 50.000	Range 43 - 120		Recovery = 68.06%			
42) 2-Fluorobiphenyl	4.404	172	651723	35.41	ng/uL	0.01
Spiked Amount 50.000	Range 43 - 120		Recovery = 70.82%			
68) 2,4,6-Tribromophenol	5.522	330	137812	55.93	ng/uL	0.01
Spiked Amount 75.000	Range 27 - 134		Recovery = 74.57%			
85) p-Terphenyl-d14	7.487	244	731284	37.71	ng/uL	0.00
Spiked Amount 50.000	Range 29 - 126		Recovery = 75.42%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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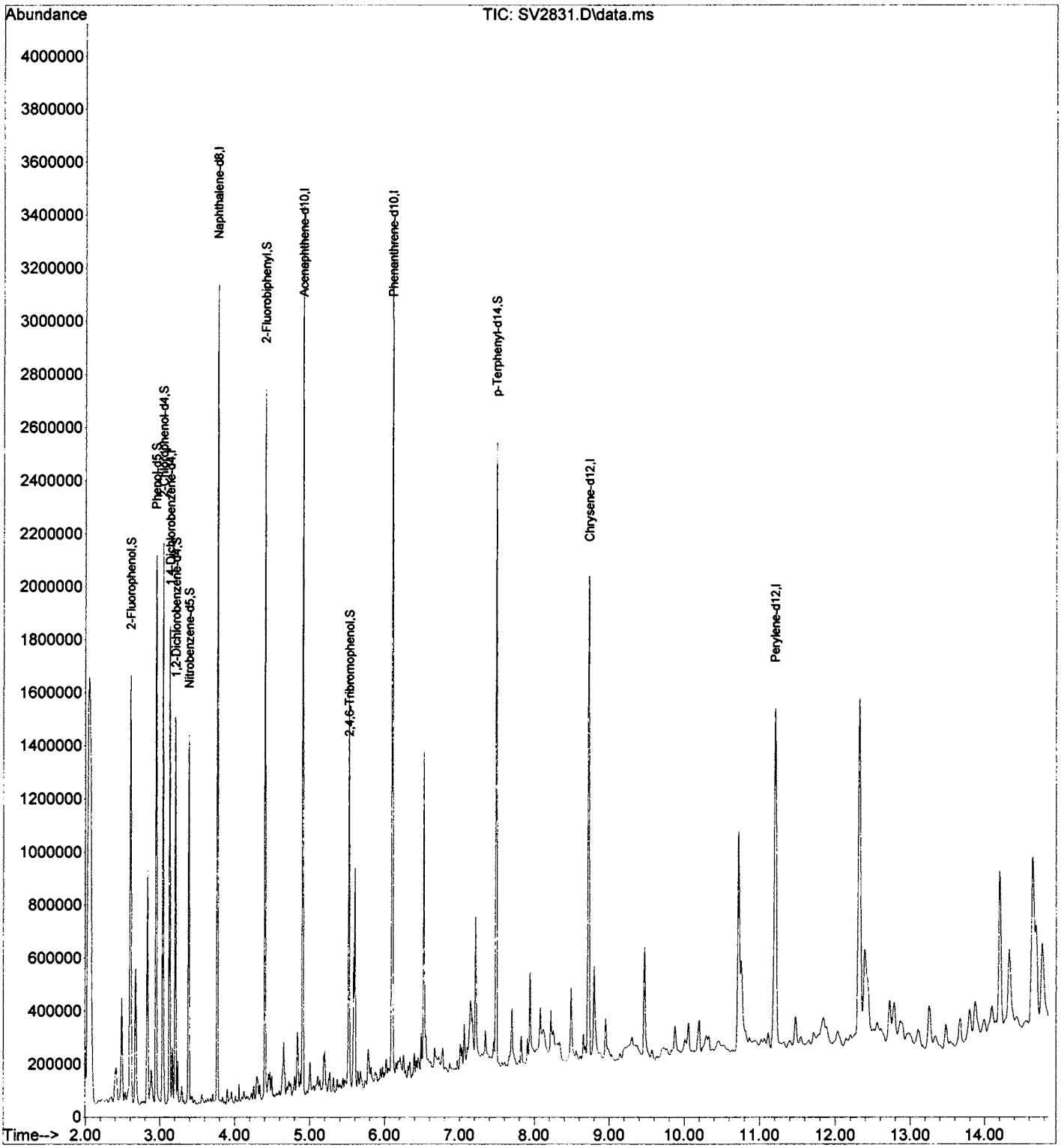
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030822A\
Data File : SV2831.D
Acq On : 8 Mar 2022 7:11 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-23
Misc :
ALS Vial : 12 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Fri Mar 11 23:53:03 2022
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030822A\
Data File : SV2832.D
Acq On : 8 Mar 2022 7:29 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-24
Misc :
ALS Vial : 13 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Fri Mar 11 23:53:03 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.134	152	268342	40.00	ng/uL	0.02
24) Naphthalene-d8	3.769	136	1088867	40.00	ng/uL	0.01
38) Acenaphthene-d10	4.904	164	549187	40.00	ng/uL	0.01
67) Phenanthrene-d10	6.098	188	917311	40.00	ng/uL	0.01
76) Chrysene-d12	8.722	240	764965	40.00	ng/uL	0.00
87) Perylene-d12	11.204	264	777302	40.00	ng/uL	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	2.604	112	563306	59.38	ng/uL	0.02
Spiked Amount 75.000	Range 10 - 120		Recovery = 79.17%			
6) Phenol-d5	2.946	99	795472	62.99	ng/uL	0.01
Spiked Amount 75.000	Range 39 - 120		Recovery = 83.99%			
10) 2-Chlorophenol-d4	3.040	132	516438	58.09	ng/uL	0.02
Spiked Amount 75.000	Range 30 - 120		Recovery = 77.45%			
14) 1,2-Dichlorobenzene-d4	3.210	150	324930	29.73	ng/uL	0.02
Spiked Amount 75.000	Range 16 - 120		Recovery = 39.64%			
23) Nitrobenzene-d5	3.387	82	462874	37.08	ng/uL	0.01
Spiked Amount 50.000	Range 43 - 120		Recovery = 74.16%			
42) 2-Fluorobiphenyl	4.404	172	693168	38.30	ng/uL	0.01
Spiked Amount 50.000	Range 43 - 120		Recovery = 76.60%			
68) 2,4,6-Tribromophenol	5.516	330	141050	58.25	ng/uL	0.00
Spiked Amount 75.000	Range 27 - 134		Recovery = 77.67%			
85) p-Terphenyl-d14	7.486	244	784103	40.94	ng/uL	0.00
Spiked Amount 50.000	Range 29 - 126		Recovery = 81.88%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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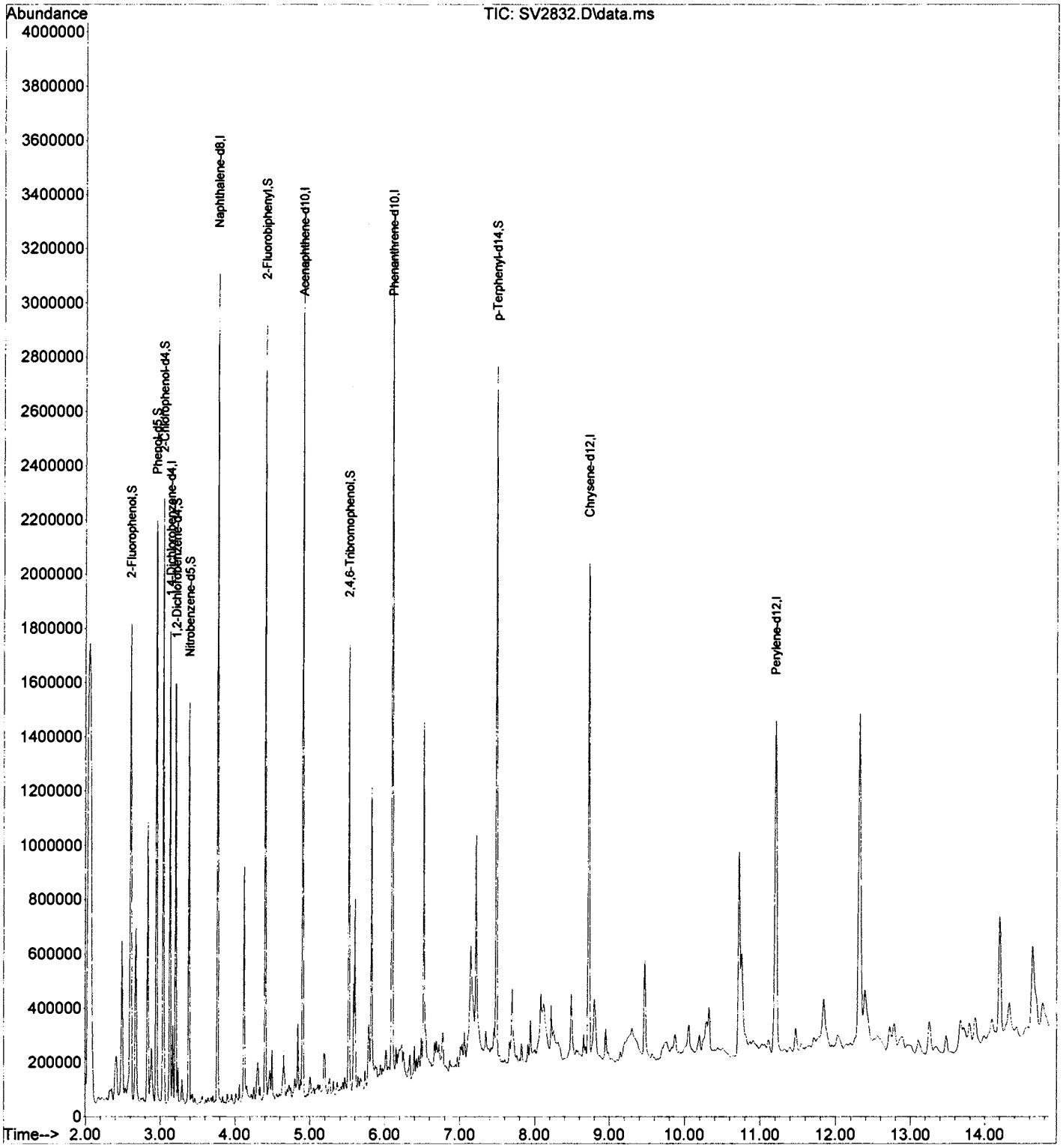
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030822A\
Data File : SV2832.D
Acq On : 8 Mar 2022 7:29 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-24
Misc :
ALS Vial : 13 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Fri Mar 11 23:53:03 2022
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030822A\
Data File : SV2833.D
Acq On : 8 Mar 2022 7:47 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-25
Misc :
ALS Vial : 14 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Fri Mar 11 23:53:03 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.134	152	266176	40.00	ng/uL	0.02
24) Naphthalene-d8	3.769	136	1080341	40.00	ng/uL	0.01
38) Acenaphthene-d10	4.904	164	549713	40.00	ng/uL	0.01
67) Phenanthrene-d10	6.098	188	926131	40.00	ng/uL	0.01
76) Chrysene-d12	8.728	240	752027	40.00	ng/uL	0.01
87) Perylene-d12	11.210	264	763531	40.00	ng/uL	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	2.605	112	557516	59.25	ng/uL	0.02
Spiked Amount 75.000	Range 10 - 120		Recovery = 79.00%			
6) Phenol-d5	2.946	99	774137	61.80	ng/uL	0.01
Spiked Amount 75.000	Range 39 - 120		Recovery = 82.40%			
10) 2-Chlorophenol-d4	3.040	132	502847	57.02	ng/uL	0.02
Spiked Amount 75.000	Range 30 - 120		Recovery = 76.03%			
14) 1,2-Dichlorobenzene-d4	3.210	150	326175	30.09	ng/uL	0.02
Spiked Amount 75.000	Range 16 - 120		Recovery = 40.12%			
23) Nitrobenzene-d5	3.387	82	457096	36.92	ng/uL	0.01
Spiked Amount 50.000	Range 43 - 120		Recovery = 73.84%			
42) 2-Fluorobiphenyl	4.404	172	672943	37.15	ng/uL	0.01
Spiked Amount 50.000	Range 43 - 120		Recovery = 74.30%			
68) 2,4,6-Tribromophenol	5.522	330	136837	56.22	ng/uL	0.01
Spiked Amount 75.000	Range 27 - 134		Recovery = 74.96%			
85) p-Terphenyl-d14	7.487	244	760836	40.41	ng/uL	0.00
Spiked Amount 50.000	Range 29 - 126		Recovery = 80.82%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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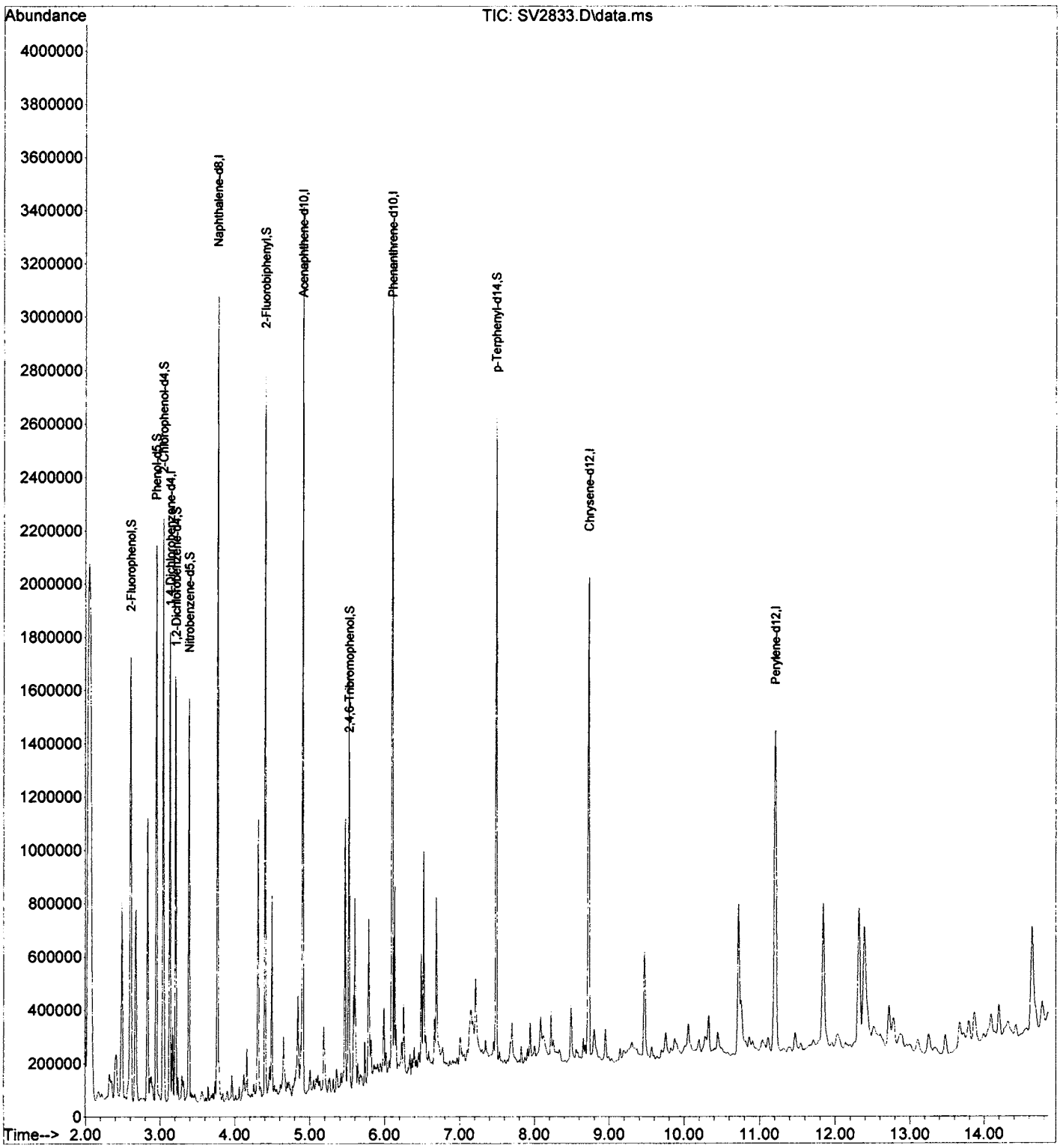
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030822A\
Data File : SV2833.D
Acq On : 8 Mar 2022 7:47 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-25
Misc :
ALS Vial : 14 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Fri Mar 11 23:53:03 2022
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030822A\
Data File : SV2834.D
Acq On : 8 Mar 2022 8:05 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-27
Misc :
ALS Vial : 15 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Fri Mar 11 23:53:03 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.134	152	268769	40.00	ng/uL	0.02
24) Naphthalene-d8	3.769	136	1085972	40.00	ng/uL	0.01
38) Acenaphthene-d10	4.904	164	557056	40.00	ng/uL	0.01
67) Phenanthrene-d10	6.098	188	926907	40.00	ng/uL	0.01
76) Chrysene-d12	8.728	240	757827	40.00	ng/uL	0.01
87) Perylene-d12	11.210	264	776378	40.00	ng/uL	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	2.604	112	543196	57.17	ng/uL	0.02
Spiked Amount 75.000	Range 10 - 120		Recovery = 76.23%			
6) Phenol-d5	2.946	99	764647	60.45	ng/uL	0.01
Spiked Amount 75.000	Range 39 - 120		Recovery = 80.60%			
10) 2-Chlorophenol-d4	3.040	132	495233	55.61	ng/uL	0.02
Spiked Amount 75.000	Range 30 - 120		Recovery = 74.15%			
14) 1,2-Dichlorobenzene-d4	3.210	150	313449	28.64	ng/uL	0.02
Spiked Amount 75.000	Range 16 - 120		Recovery = 38.19%			
23) Nitrobenzene-d5	3.387	82	446274	35.70	ng/uL	0.01
Spiked Amount 50.000	Range 43 - 120		Recovery = 71.40%			
42) 2-Fluorobiphenyl	4.404	172	674351	36.73	ng/uL	0.01
Spiked Amount 50.000	Range 43 - 120		Recovery = 73.46%			
68) 2,4,6-Tribromophenol	5.522	330	138963	56.95	ng/uL	0.01
Spiked Amount 75.000	Range 27 - 134		Recovery = 75.93%			
85) p-Terphenyl-d14	7.492	244	763661	40.25	ng/uL	0.01
Spiked Amount 50.000	Range 29 - 126		Recovery = 80.50%			
Target Compounds						Qvalue

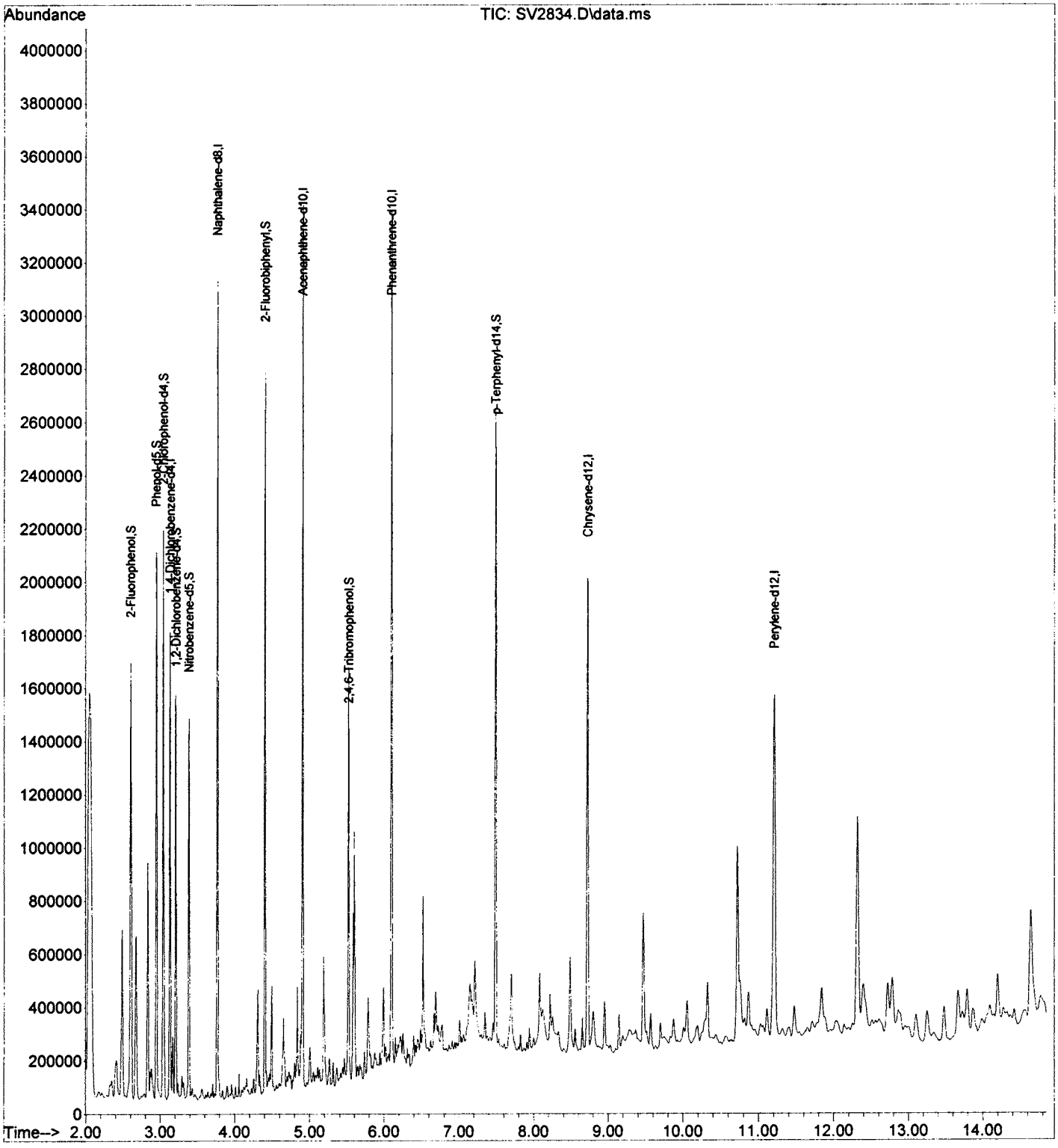
(#) = qualifier out of range (m) = manual integration (+) = signals summed

mm 3/12/22

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030822A\
Data File : SV2834.D
Acq On : 8 Mar 2022 8:05 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-27
Misc :
ALS Vial : 15 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Fri Mar 11 23:53:03 2022
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030822A\
Data File : SV2835.D
Acq On : 8 Mar 2022 8:23 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-28
Misc :
ALS Vial : 16 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Fri Mar 11 23:53:03 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.134	152	270816	40.00	ng/uL	0.02
24) Naphthalene-d8	3.769	136	1089900	40.00	ng/uL	0.01
38) Acenaphthene-d10	4.904	164	553990	40.00	ng/uL	0.01
67) Phenanthrene-d10	6.098	188	930768	40.00	ng/uL	0.01
76) Chrysene-d12	8.728	240	749332	40.00	ng/uL	0.01
87) Perylene-d12	11.210	264	768166	40.00	ng/uL	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	2.605	112	526388	54.98	ng/uL	0.02
Spiked Amount 75.000	Range 10 - 120		Recovery = 73.31%			
6) Phenol-d5	2.952	99	732733	57.49	ng/uL	0.02
Spiked Amount 75.000	Range 39 - 120		Recovery = 76.65%			
10) 2-Chlorophenol-d4	3.040	132	477331	53.20	ng/uL	0.02
Spiked Amount 75.000	Range 30 - 120		Recovery = 70.93%			
14) 1,2-Dichlorobenzene-d4	3.210	150	306125	27.75	ng/uL	0.02
Spiked Amount 75.000	Range 16 - 120		Recovery = 37.00%			
23) Nitrobenzene-d5	3.387	82	430792	34.20	ng/uL	0.01
Spiked Amount 50.000	Range 43 - 120		Recovery = 68.40%			
42) 2-Fluorobiphenyl	4.404	172	639569	35.03	ng/uL	0.01
Spiked Amount 50.000	Range 43 - 120		Recovery = 70.06%			
68) 2,4,6-Tribromophenol	5.522	330	126338	52.12	ng/uL	0.01
Spiked Amount 75.000	Range 27 - 134		Recovery = 69.49%			
85) p-Terphenyl-d14	7.492	244	714601	38.09	ng/uL	0.01
Spiked Amount 50.000	Range 29 - 126		Recovery = 76.18%			
Target Compounds						Qvalue

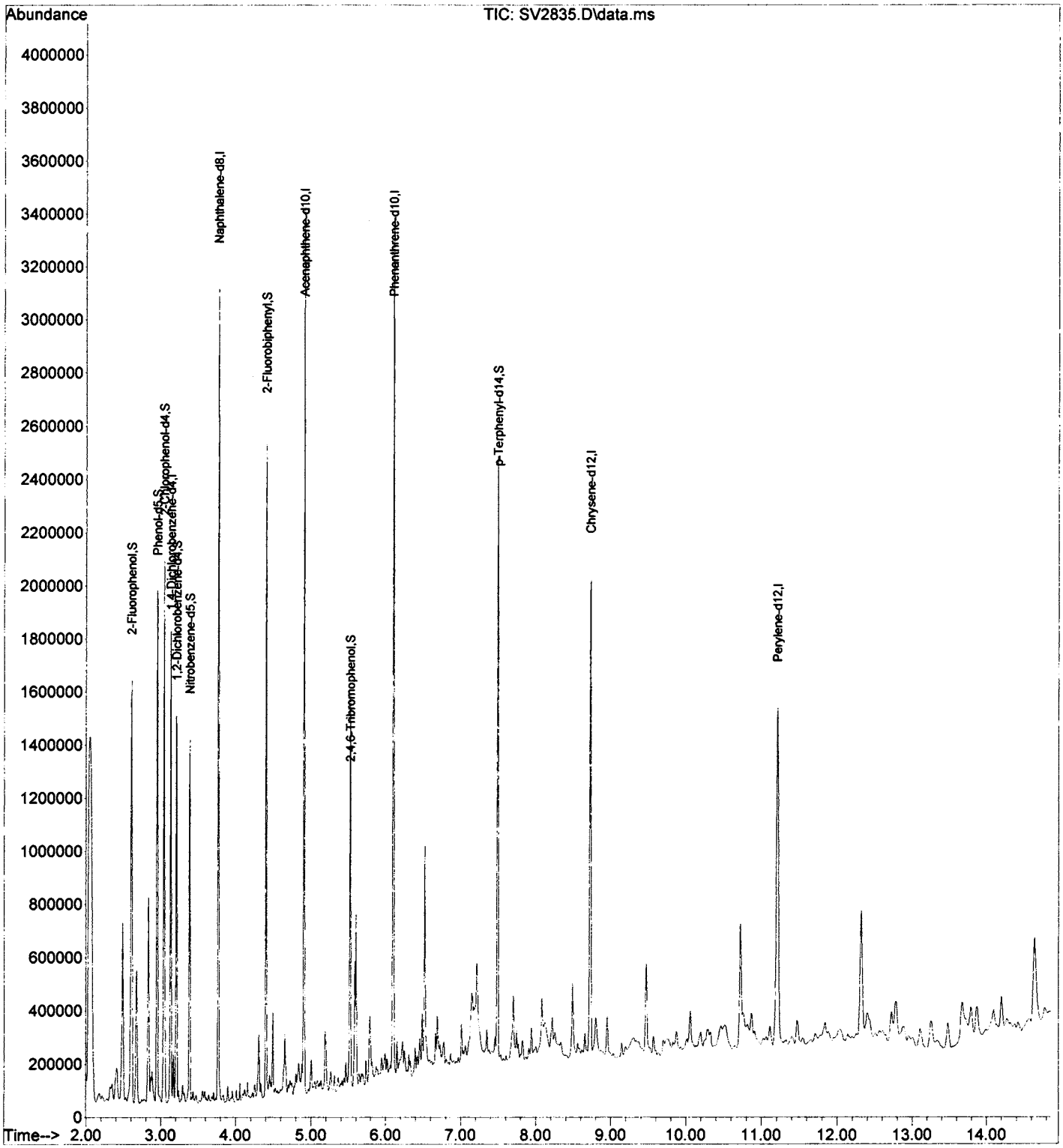
(#) = qualifier out of range (m) = manual integration (+) = signals summed

mr 3/12/22

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030822A\
Data File : SV2835.D
Acq On : 8 Mar 2022 8:23 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-28
Misc :
ALS Vial : 16 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Fri Mar 11 23:53:03 2022
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030822A\
Data File : SV2836.D
Acq On : 8 Mar 2022 8:40 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-29
Misc :
ALS Vial : 17 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Fri Mar 11 23:53:03 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.134	152	278128	40.00	ng/uL	0.02
24) Naphthalene-d8	3.769	136	1117351	40.00	ng/uL	0.01
38) Acenaphthene-d10	4.904	164	568430	40.00	ng/uL	0.01
67) Phenanthrene-d10	6.098	188	963403	40.00	ng/uL	0.01
76) Chrysene-d12	8.728	240	770129	40.00	ng/uL	0.01
87) Perylene-d12	11.210	264	775675	40.00	ng/uL	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	2.604	112	561029	57.06	ng/uL	0.02
Spiked Amount 75.000	Range 10 - 120		Recovery = 76.08%			
6) Phenol-d5	2.952	99	788752	60.26	ng/uL	0.02
Spiked Amount 75.000	Range 39 - 120		Recovery = 80.35%			
10) 2-Chlorophenol-d4	3.040	132	508765	55.21	ng/uL	0.02
Spiked Amount 75.000	Range 30 - 120		Recovery = 73.61%			
14) 1,2-Dichlorobenzene-d4	3.210	150	325750	28.76	ng/uL	0.02
Spiked Amount 75.000	Range 16 - 120		Recovery = 38.35%			
23) Nitrobenzene-d5	3.387	82	461199	35.65	ng/uL	0.01
Spiked Amount 50.000	Range 43 - 120		Recovery = 71.30%			
42) 2-Fluorobiphenyl	4.404	172	686619	36.65	ng/uL	0.01
Spiked Amount 50.000	Range 43 - 120		Recovery = 73.30%			
68) 2,4,6-Tribromophenol	5.522	330	150321	59.00	ng/uL	0.01
Spiked Amount 75.000	Range 27 - 134		Recovery = 78.67%			
85) p-Terphenyl-d14	7.492	244	785375	40.73	ng/uL	0.01
Spiked Amount 50.000	Range 29 - 126		Recovery = 81.46%			
Target Compounds						Qvalue

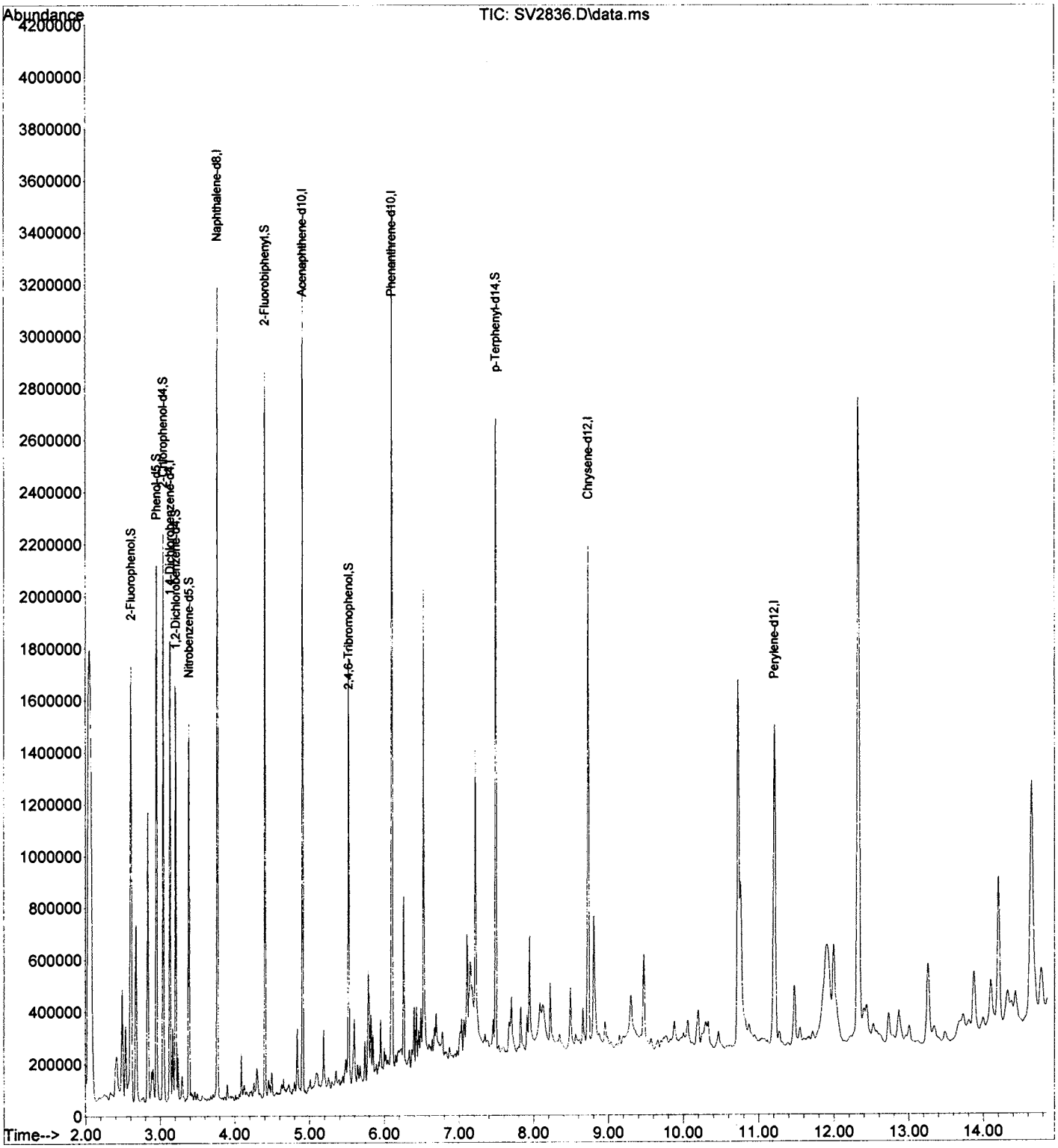
(#) = qualifier out of range (m) = manual integration (+) = signals summed

aw 3/12/22

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030822A\
Data File : SV2836.D
Acq On : 8 Mar 2022 8:40 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-29
Misc :
ALS Vial : 17 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Fri Mar 11 23:53:03 2022
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030822A\
Data File : SV2837.D
Acq On : 8 Mar 2022 8:58 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-31
Misc :
ALS Vial : 18 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Fri Mar 11 23:53:03 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.134	152	269522	40.00	ng/uL	0.02
24) Naphthalene-d8	3.769	136	1088557	40.00	ng/uL	0.01
38) Acenaphthene-d10	4.904	164	551544	40.00	ng/uL	0.01
67) Phenanthrene-d10	6.098	188	927988	40.00	ng/uL	0.01
76) Chrysene-d12	8.728	240	753373	40.00	ng/uL	0.01
87) Perylene-d12	11.210	264	756570	40.00	ng/uL	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	2.605	112	567845	59.60	ng/uL	0.02
Spiked Amount 75.000	Range 10 - 120		Recovery = 79.47%			
6) Phenol-d5	2.952	99	816060	64.34	ng/uL	0.02
Spiked Amount 75.000	Range 39 - 120		Recovery = 85.79%			
10) 2-Chlorophenol-d4	3.040	132	520201	58.25	ng/uL	0.02
Spiked Amount 75.000	Range 30 - 120		Recovery = 77.67%			
14) 1,2-Dichlorobenzene-d4	3.210	150	325840	29.68	ng/uL	0.02
Spiked Amount 75.000	Range 16 - 120		Recovery = 39.57%			
23) Nitrobenzene-d5	3.387	82	466241	37.19	ng/uL	0.01
Spiked Amount 50.000	Range 43 - 120		Recovery = 74.38%			
42) 2-Fluorobiphenyl	4.404	172	718373	39.52	ng/uL	0.01
Spiked Amount 50.000	Range 43 - 120		Recovery = 79.04%			
68) 2,4,6-Tribromophenol	5.522	330	158004	63.72	ng/uL	0.01
Spiked Amount 75.000	Range 27 - 134		Recovery = 84.96%			
85) p-Terphenyl-d14	7.492	244	821875	43.58	ng/uL	0.01
Spiked Amount 50.000	Range 29 - 126		Recovery = 87.16%			
Target Compounds						Qvalue

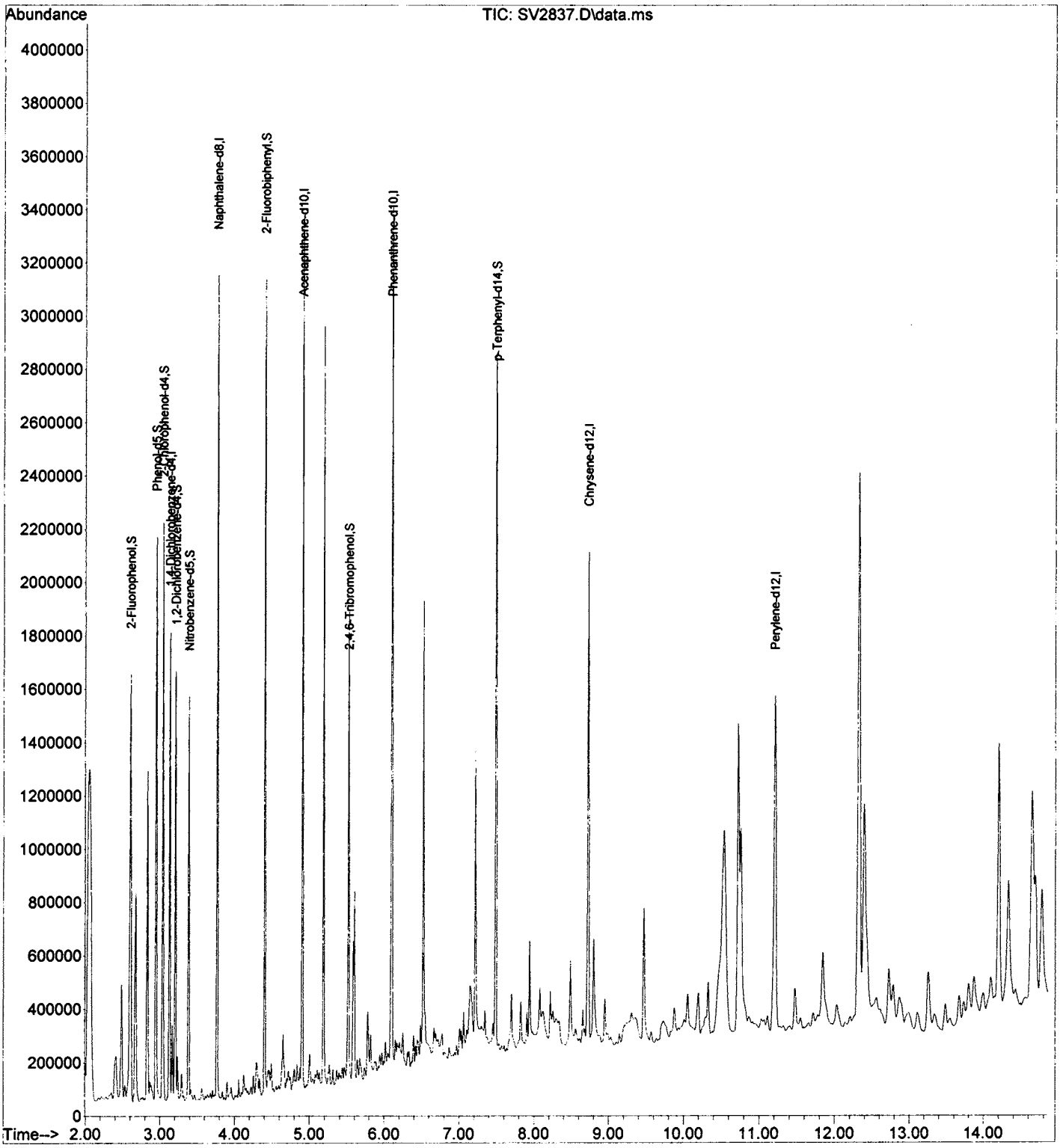
(#) = qualifier out of range (m) = manual integration (+) = signals summed

3/12/22

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030822A\
Data File : SV2837.D
Acq On : 8 Mar 2022 8:58 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-31
Misc :
ALS Vial : 18 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Fri Mar 11 23:53:03 2022
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030822A\
Data File : SV2838.D
Acq On : 8 Mar 2022 9:16 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-30
Misc :
ALS Vial : 19 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Fri Mar 11 23:53:03 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.134	152	274401	40.00	ng/uL	0.02
24) Naphthalene-d8	3.769	136	1114236	40.00	ng/uL	0.01
38) Acenaphthene-d10	4.904	164	567055	40.00	ng/uL	0.01
67) Phenanthrene-d10	6.098	188	945908	40.00	ng/uL	0.01
76) Chrysene-d12	8.727	240	757948	40.00	ng/uL	0.01
87) Perylene-d12	11.215	264	780568	40.00	ng/uL	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	2.604	112	582960	60.09	ng/uL	0.02
Spiked Amount 75.000	Range 10 - 120		Recovery = 80.12%			
6) Phenol-d5	2.951	99	838225	64.91	ng/uL	0.02
Spiked Amount 75.000	Range 39 - 120		Recovery = 86.55%			
10) 2-Chlorophenol-d4	3.040	132	539362	59.32	ng/uL	0.02
Spiked Amount 75.000	Range 30 - 120		Recovery = 79.09%			
14) 1,2-Dichlorobenzene-d4	3.210	150	327107	29.27	ng/uL	0.02
Spiked Amount 75.000	Range 16 - 120		Recovery = 39.03%			
23) Nitrobenzene-d5	3.387	82	479037	37.53	ng/uL	0.01
Spiked Amount 50.000	Range 43 - 120		Recovery = 75.06%			
42) 2-Fluorobiphenyl	4.404	172	756054	40.46	ng/uL	0.01
Spiked Amount 50.000	Range 43 - 120		Recovery = 80.92%			
68) 2,4,6-Tribromophenol	5.522	330	162152	64.11	ng/uL	0.01
Spiked Amount 75.000	Range 27 - 134		Recovery = 85.48%			
85) p-Terphenyl-d14	7.492	244	848633	44.72	ng/uL	0.01
Spiked Amount 50.000	Range 29 - 126		Recovery = 89.44%			
Target Compounds						Qvalue
19) 3+4-Methylphenol	3.292	107	122980	11.37	ng/uL	94

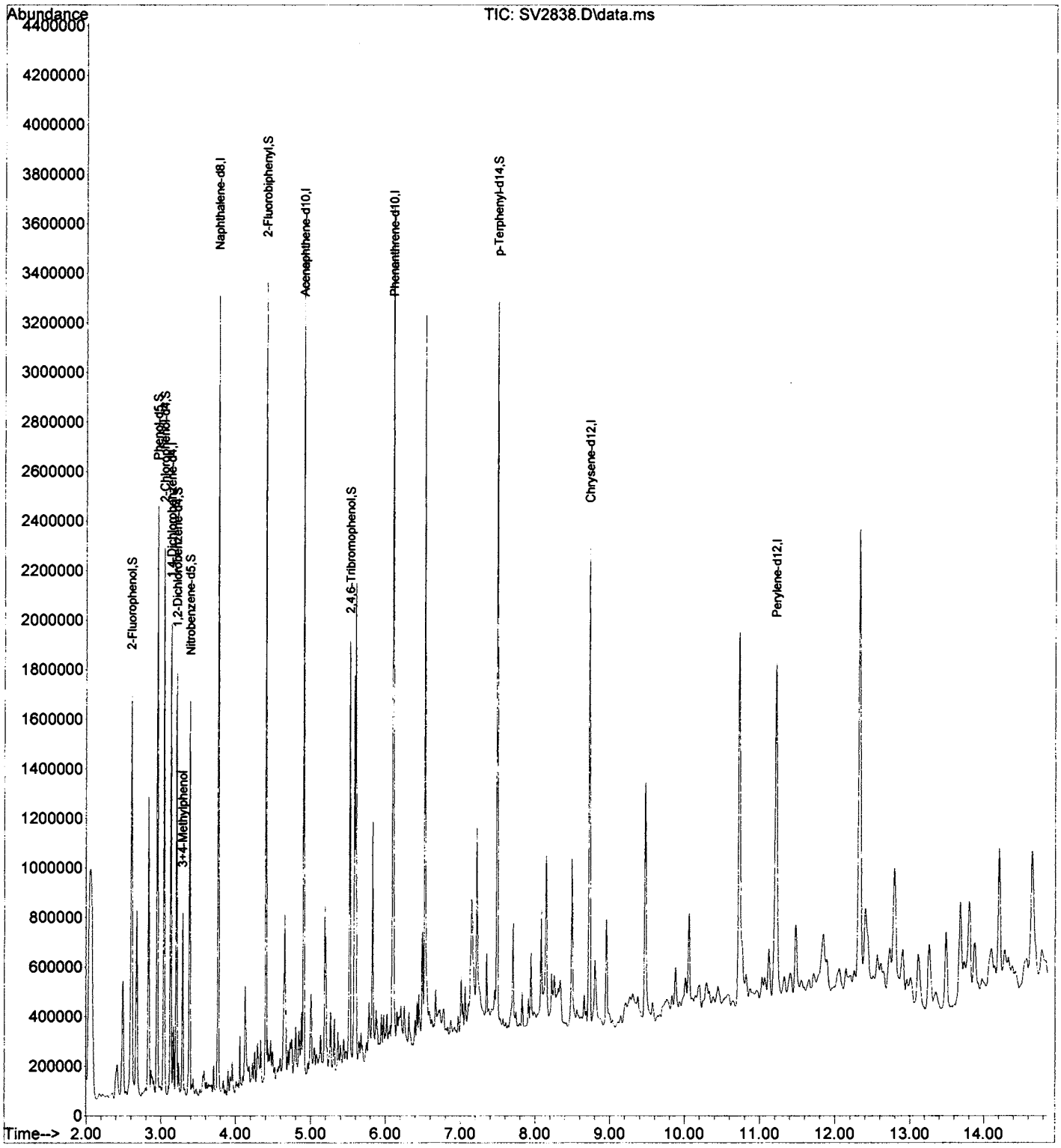
(#) = qualifier out of range (m) = manual integration (+) = signals summed

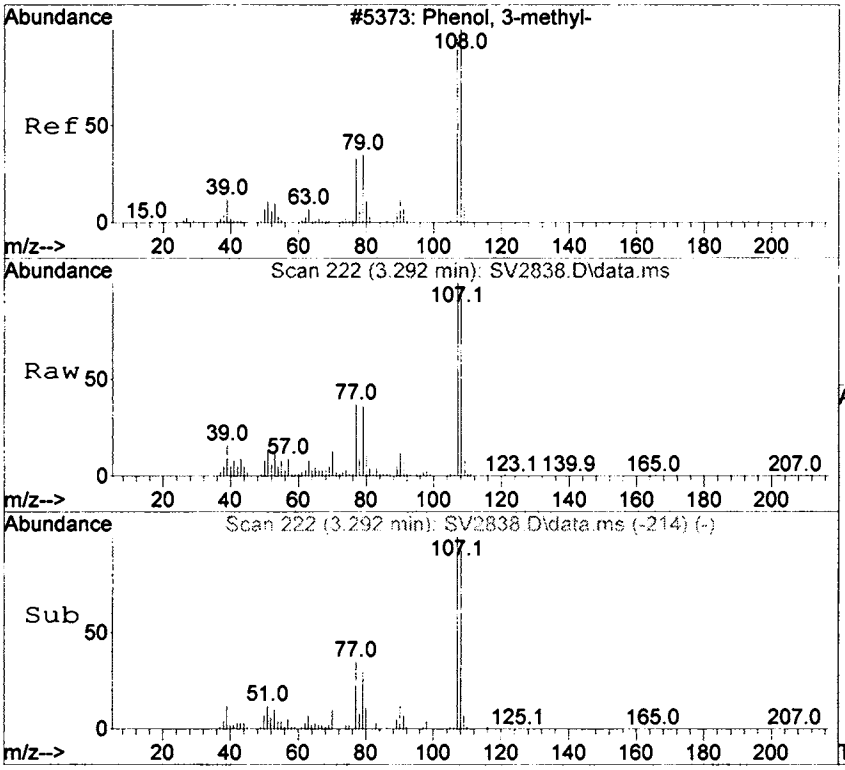
m 3/12/22

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030822A\
Data File : SV2838.D
Acq On : 8 Mar 2022 9:16 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-30
Misc :
ALS Vial : 19 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Fri Mar 11 23:53:03 2022
Response via : Initial Calibration

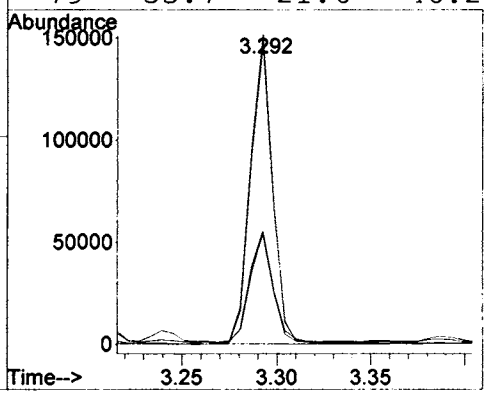




#19
3+4-Methylphenol
Concen: 11.37 ng/uL
RT: 3.292 min Scan# 222
Delta R.T. 0.017 min
Lab File: SV2838.D
Acq: 8 Mar 2022 9:16 pm

Tgt Ion:107 Resp: 122980

Ion	Ratio	Lower	Upper
107	100		
108	97.5	64.4	119.6
77	37.9	25.1	46.5
79	35.7	21.6	40.2



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030822A\
Data File : SV2839.D
Acq On : 8 Mar 2022 9:34 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-26
Misc :
ALS Vial : 20 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Fri Mar 11 23:53:03 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.134	152	265091	40.00	ng/uL	0.02
24) Naphthalene-d8	3.769	136	1078210	40.00	ng/uL	0.01
38) Acenaphthene-d10	4.904	164	550199	40.00	ng/uL	0.01
67) Phenanthrene-d10	6.098	188	918624	40.00	ng/uL	0.01
76) Chrysene-d12	8.728	240	739734	40.00	ng/uL	0.01
87) Perylene-d12	11.216	264	760501	40.00	ng/uL	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	2.604	112	499272	53.28	ng/uL	0.02
Spiked Amount 75.000	Range 10 - 120		Recovery = 71.04%			
6) Phenol-d5	2.951	99	715537	57.36	ng/uL	0.02
Spiked Amount 75.000	Range 39 - 120		Recovery = 76.48%			
10) 2-Chlorophenol-d4	3.040	132	459761	52.34	ng/uL	0.02
Spiked Amount 75.000	Range 30 - 120		Recovery = 69.79%			
14) 1,2-Dichlorobenzene-d4	3.210	150	291282	26.98	ng/uL	0.02
Spiked Amount 75.000	Range 16 - 120		Recovery = 35.97%			
23) Nitrobenzene-d5	3.387	82	416405	33.77	ng/uL	0.01
Spiked Amount 50.000	Range 43 - 120		Recovery = 67.54%			
42) 2-Fluorobiphenyl	4.404	172	629073	34.70	ng/uL	0.01
Spiked Amount 50.000	Range 43 - 120		Recovery = 69.40%			
68) 2,4,6-Tribromophenol	5.522	330	134678	55.83	ng/uL	0.01
Spiked Amount 75.000	Range 27 - 134		Recovery = 74.44%			
85) p-Terphenyl-d14	7.492	244	708379	38.25	ng/uL	0.01
Spiked Amount 50.000	Range 29 - 126		Recovery = 76.50%			
Target Compounds						Qvalue

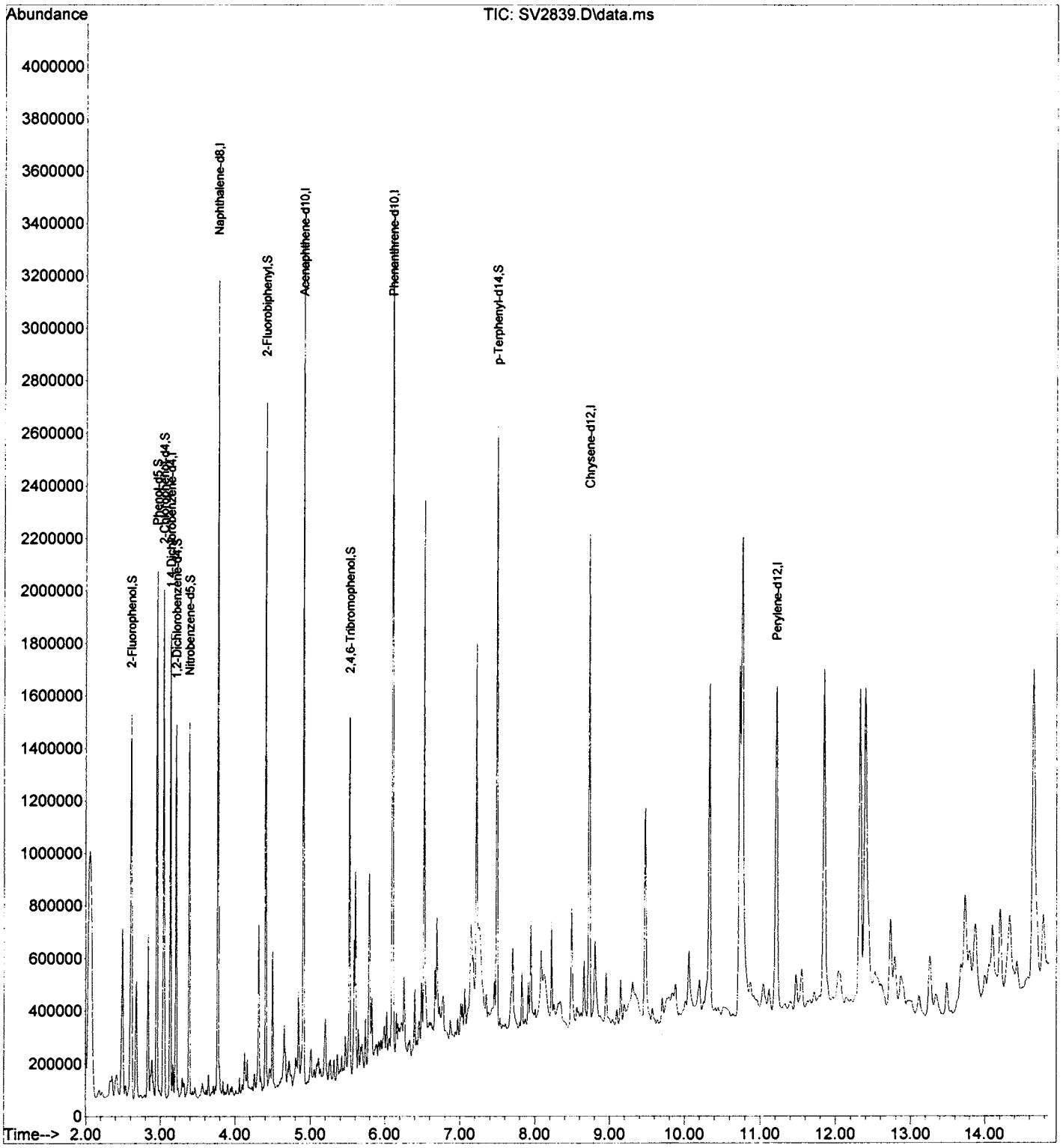
(#) = qualifier out of range (m) = manual integration (+) = signals summed

m 3/12/22

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030822A\
Data File : SV2839.D
Acq On : 8 Mar 2022 9:34 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-26
Misc :
ALS Vial : 20 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Fri Mar 11 23:53:03 2022
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030822A\
Data File : SV2840.D
Acq On : 8 Mar 2022 9:52 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-33 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Fri Mar 11 23:53:03 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.134	152	258970	40.00	ng/uL	0.02
24) Naphthalene-d8	3.769	136	1061837	40.00	ng/uL	0.01
38) Acenaphthene-d10	4.910	164	531348	40.00	ng/uL	0.02
67) Phenanthrene-d10	6.104	188	869935	40.00	ng/uL	0.02
76) Chrysene-d12	8.739	240	702820	40.00	ng/uL	0.02
87) Perylene-d12	11.251	264	736067	40.00	ng/uL	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	2.604	112	272557	29.77	ng/uL	0.02
Spiked Amount 75.000	Range 10 - 120		Recovery = 39.69%			
6) Phenol-d5	2.951	99	383076	31.43	ng/uL	0.02
Spiked Amount 75.000	Range 39 - 120		Recovery = 41.91%			
10) 2-Chlorophenol-d4	3.040	132	244875	28.54	ng/uL	0.02
Spiked Amount 75.000	Range 30 - 120		Recovery = 38.05%			
14) 1,2-Dichlorobenzene-d4	3.210	150	164060	15.55	ng/uL	0.02
Spiked Amount 75.000	Range 16 - 120		Recovery = 20.73%			
23) Nitrobenzene-d5	3.387	82	256812	21.32	ng/uL	0.01
Spiked Amount 50.000	Range 43 - 120		Recovery = 42.64%#			
42) 2-Fluorobiphenyl	4.404	172	349495	19.96	ng/uL	0.01
Spiked Amount 50.000	Range 43 - 120		Recovery = 39.92%#			
68) 2,4,6-Tribromophenol	5.528	330	64616	30.01	ng/uL	0.02
Spiked Amount 75.000	Range 27 - 134		Recovery = 40.01%			
85) p-Terphenyl-d14	7.492	244	365498	20.77	ng/uL	0.01
Spiked Amount 50.000	Range 29 - 126		Recovery = 41.54%			
Target Compounds						Qvalue
28) Benzoic acid	3.610	105	197880	40.89	ng/uL	99
32) Naphthalene	3.781	128	157021	5.35	ng/uL#	63
36) 2-Methylnaphthalene	4.187	142	217265	11.79	ng/uL	97
37) 1-Methylnaphthalene	4.251	142	284717	16.73	ng/uL	95
56) Dibenzofuran	5.057	168	114281	5.26	ng/uL#	79
71) Phenanthrene	6.122	178	214452	9.06	ng/uL#	92
75) Fluoranthene	7.163	202	109662	4.62	ng/uL	98
78) Pyrene	7.375	202	81429	3.50	ng/uL	94
84) Chrysene	8.769	228	66524	3.20	ng/uL	97

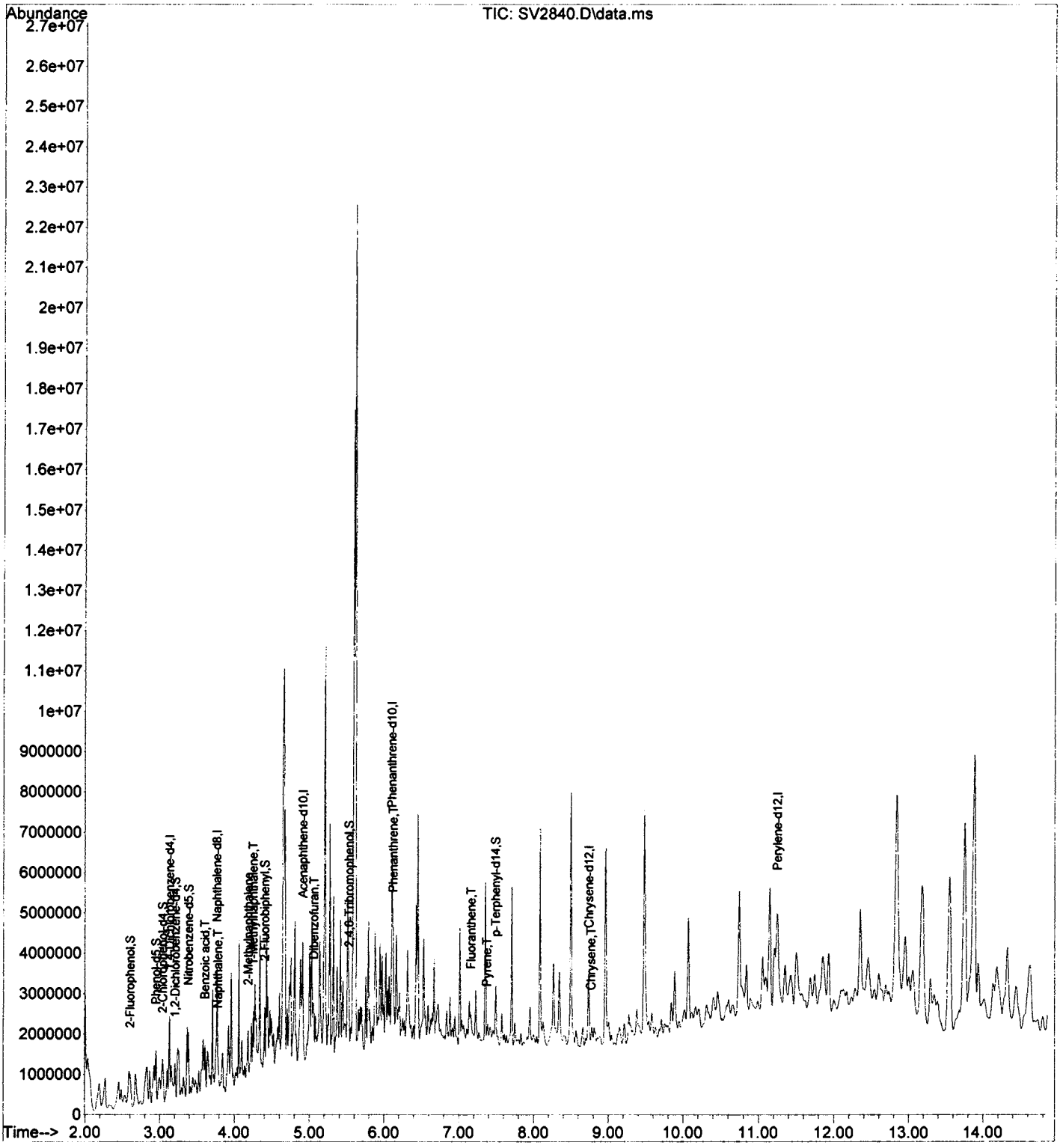
(#) = qualifier out of range (m) = manual integration (+) = signals summed

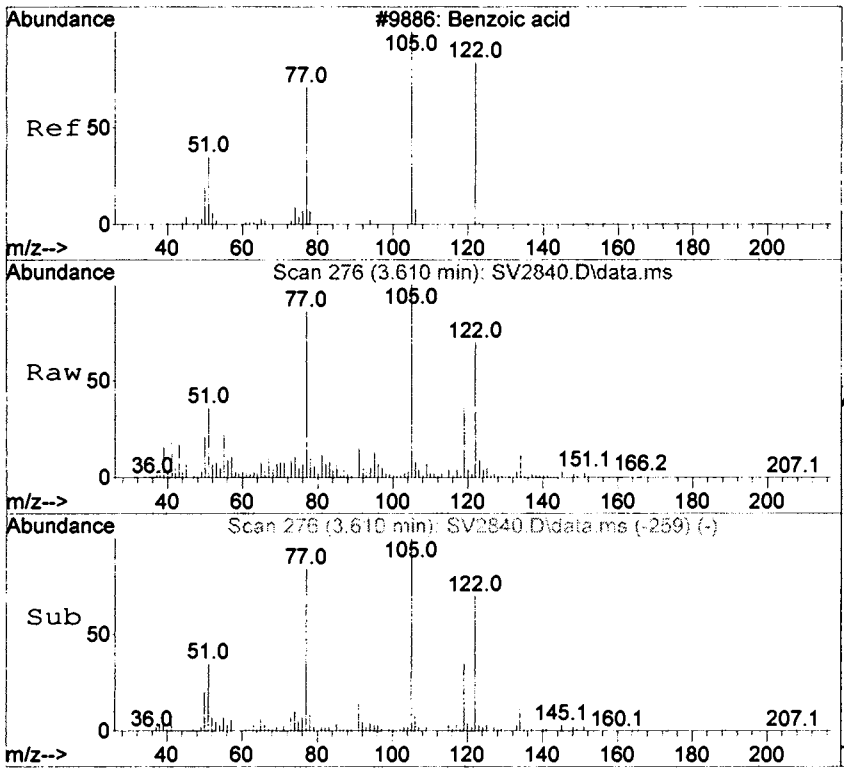
m 3/12/22

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030822A\
Data File : SV2840.D
Acq On : 8 Mar 2022 9:52 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-33 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Fri Mar 11 23:53:03 2022
Response via : Initial Calibration

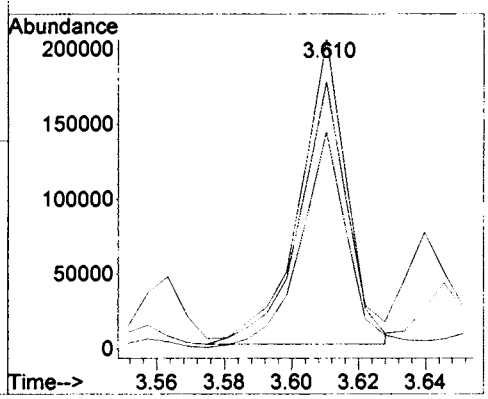


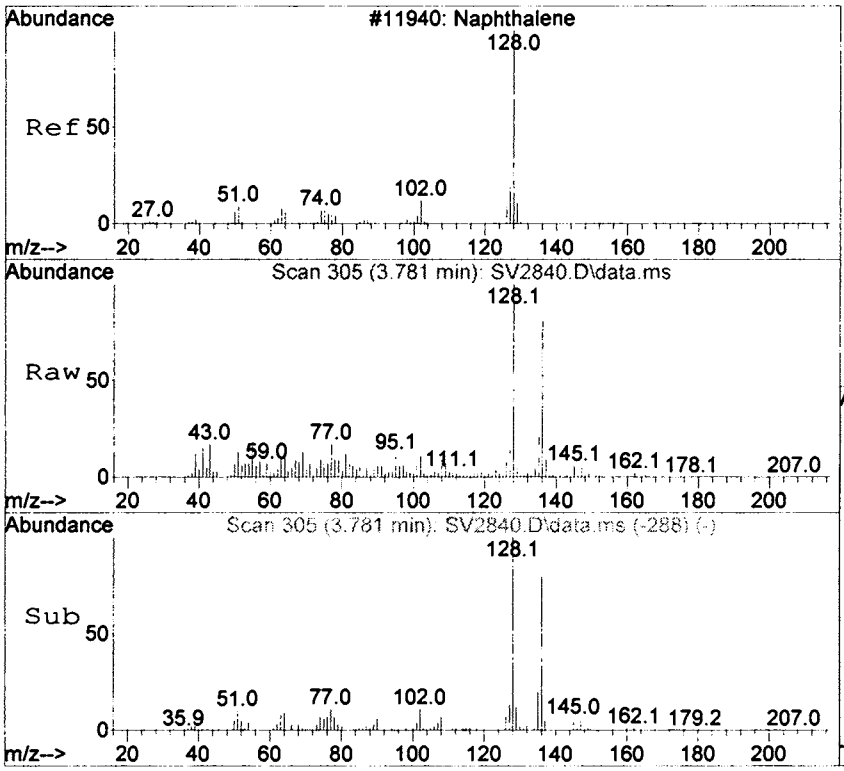


#28
Benzoic acid
Concen: 40.89 ng/uL
RT: 3.610 min Scan# 276
Delta R.T. 0.029 min
Lab File: SV2840.D
Acq: 8 Mar 2022 9:52 pm

Tgt Ion:105 Resp: 197880

Ion	Ratio	Lower	Upper
105	100		
122	71.9	49.6	92.2
77	83.1	57.3	106.3

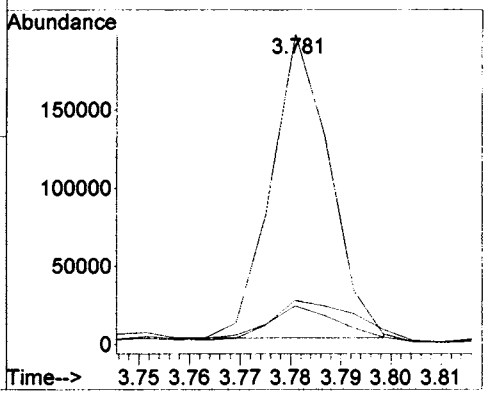


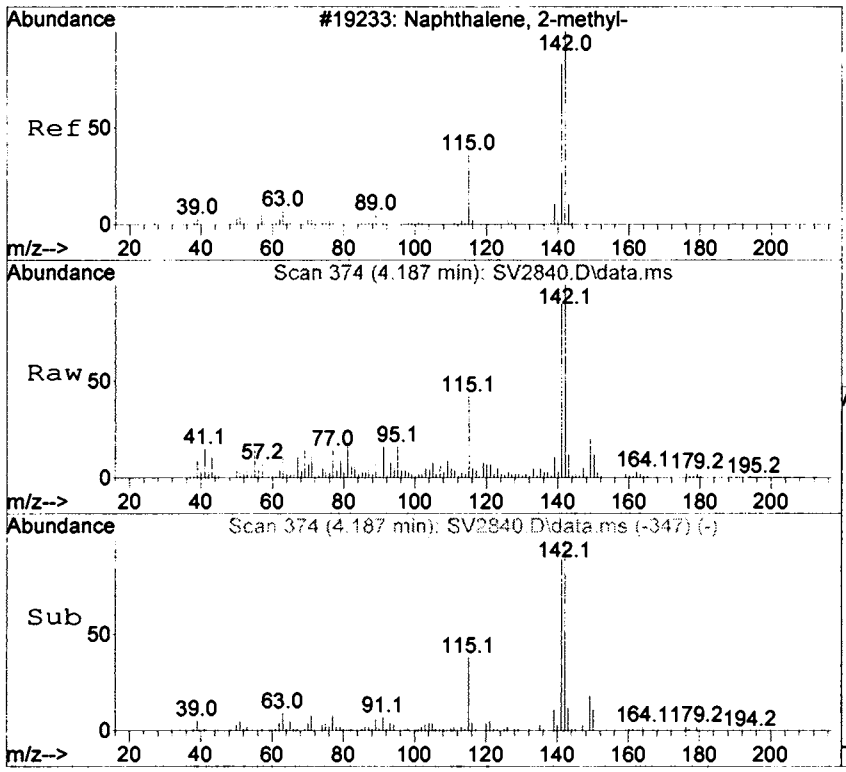


#32
Naphthalene
Concen: 5.35 ng/uL
RT: 3.781 min Scan# 305
Delta R.T. 0.012 min
Lab File: SV2840.D
Acq: 8 Mar 2022 9:52 pm

Tgt Ion:128 Resp: 157021

Ion	Ratio	Lower	Upper
128	100		
127	18.4	37.1	68.9#
129	18.0	16.2	30.2

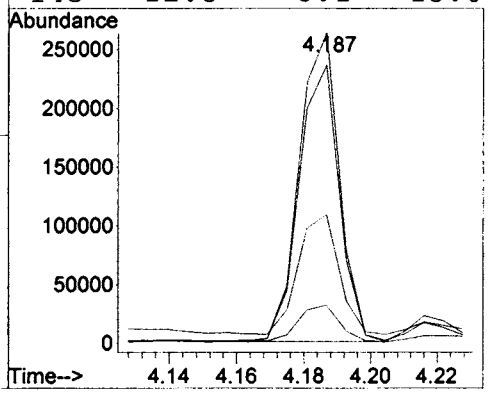


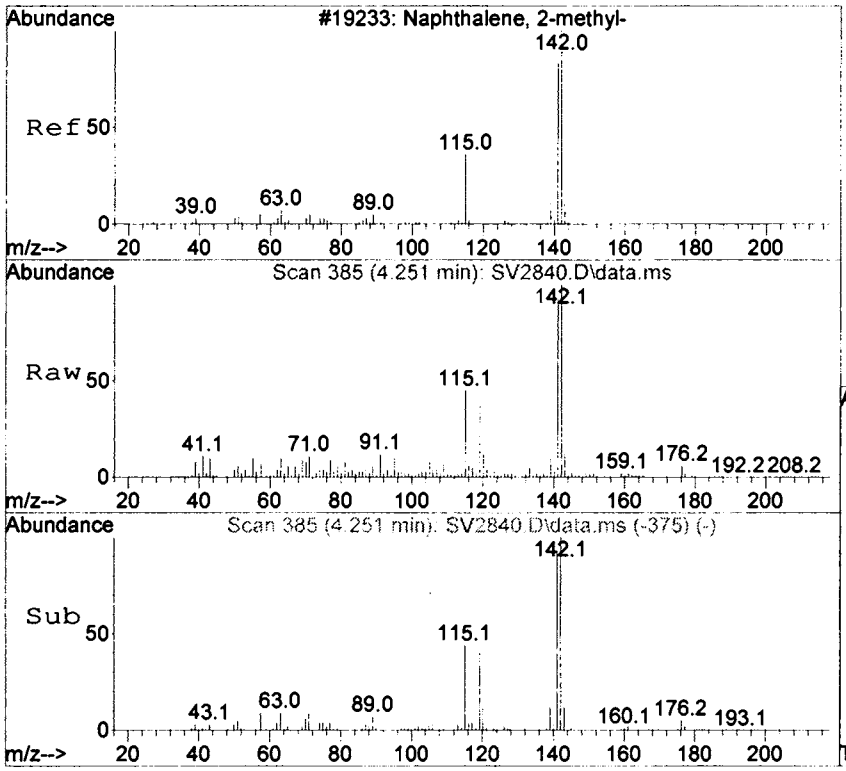


#36
2-Methylnaphthalene
Concen: 11.79 ng/uL
RT: 4.187 min Scan# 374
Delta R.T. 0.012 min
Lab File: SV2840.D
Acq: 8 Mar 2022 9:52 pm

Tgt Ion:142 Resp: 217265

Ion	Ratio	Lower	Upper
142	100		
141	89.8	60.6	112.6
115	40.4	27.1	50.3
143	12.5	8.1	15.0

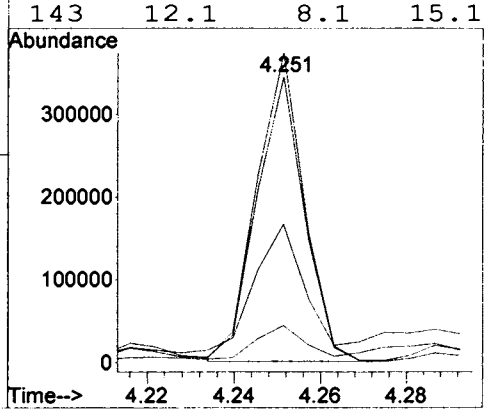


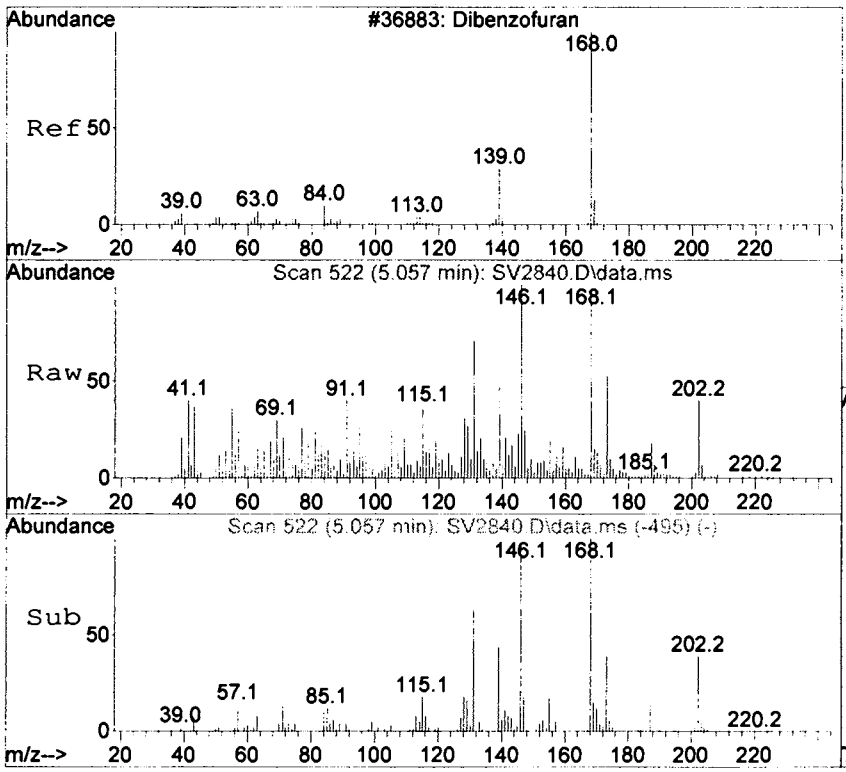


#37
1-Methylnaphthalene
Concen: 16.73 ng/uL
RT: 4.251 min Scan# 385
Delta R.T. 0.012 min
Lab File: SV2840.D
Acq: 8 Mar 2022 9:52 pm

Tgt Ion:142 Resp: 284717

Ion	Ratio	Lower	Upper
142	100		
141	91.8	63.2	117.4
115	47.8	28.1	52.1
143	12.1	8.1	15.1

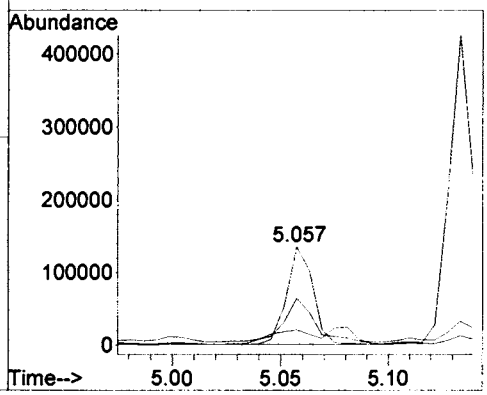


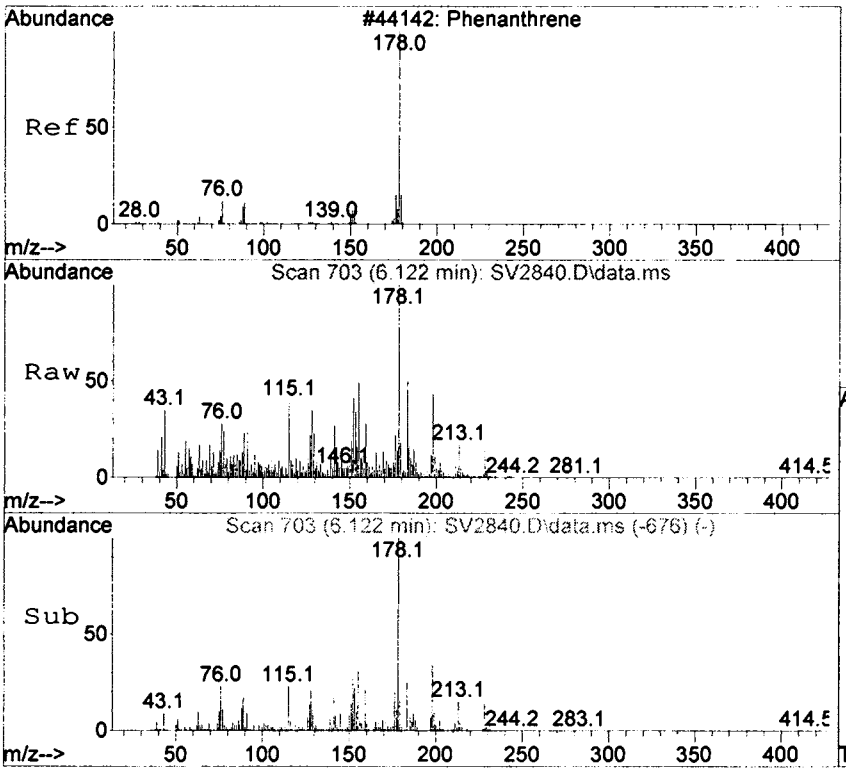


#56
Dibenzofuran
Concen: 5.26 ng/uL
RT: 5.057 min Scan# 522
Delta R.T. 0.012 min
Lab File: SV2840.D
Acq: 8 Mar 2022 9:52 pm

Tgt Ion:168 Resp: 114281

Ion	Ratio	Lower	Upper
168	100		
139	51.5	28.3	52.5
169	25.8	9.3	17.3#

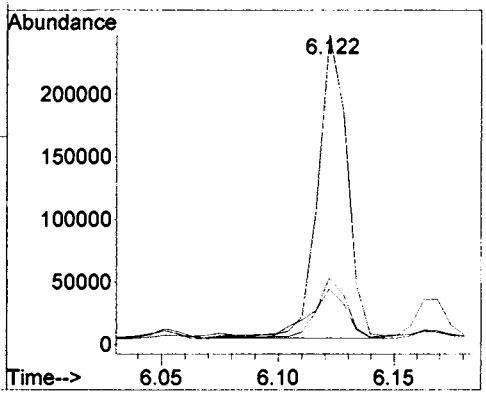


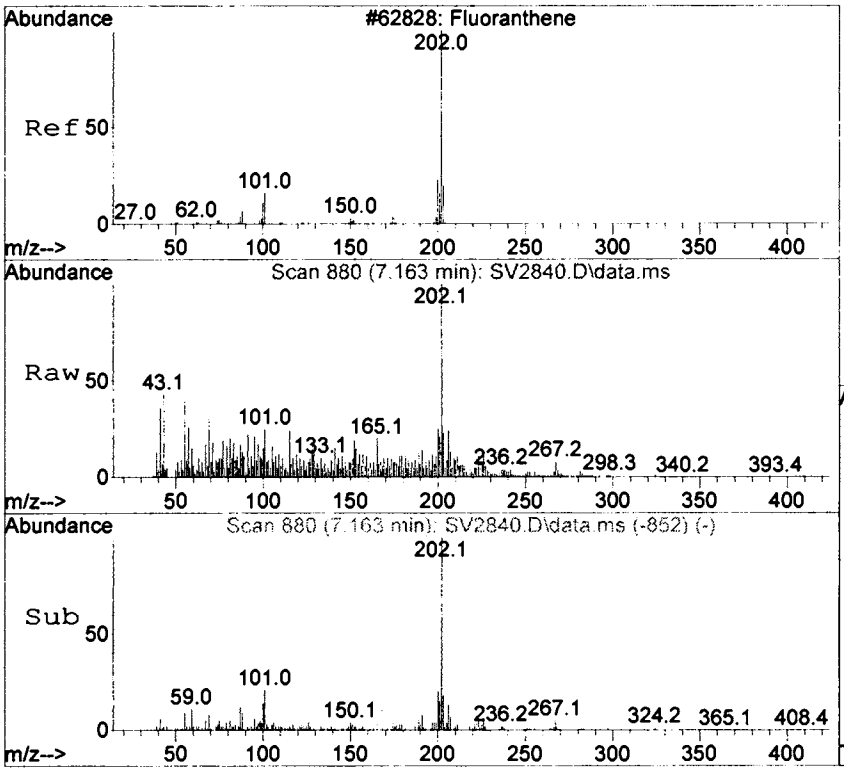


#71
Phenanthrene
Concen: 9.06 ng/uL
RT: 6.122 min Scan# 703
Delta R.T. 0.012 min
Lab File: SV2840.D
Acq: 8 Mar 2022 9:52 pm

Tgt Ion:178 Resp: 214452

Ion	Ratio	Lower	Upper
178	100		
179	21.7	10.7	19.9#
176	20.1	13.5	25.1

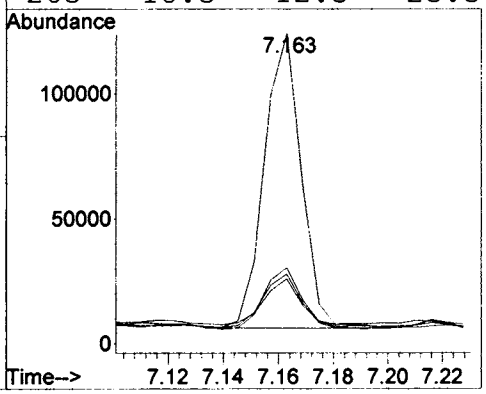


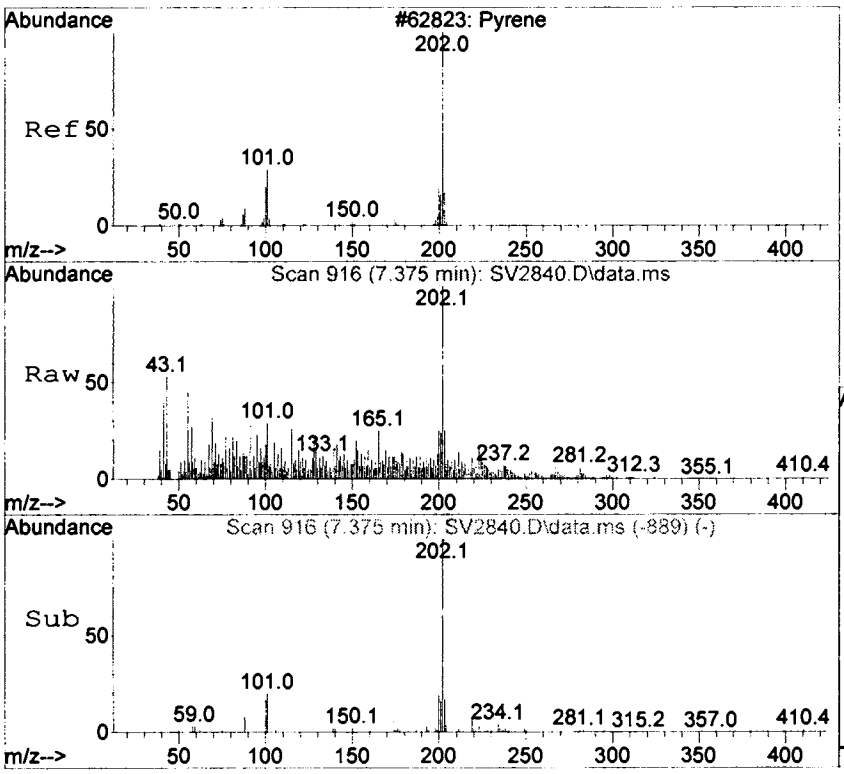


#75
Fluoranthene
Concen: 4.62 ng/uL
RT: 7.163 min Scan# 880
Delta R.T. 0.018 min
Lab File: SV2840.D
Acq: 8 Mar 2022 9:52 pm

Tgt Ion:202 Resp: 109662

Ion	Ratio	Lower	Upper
202	100		
200	21.6	14.5	26.9
201	15.7	10.4	19.2
203	18.3	12.5	23.3

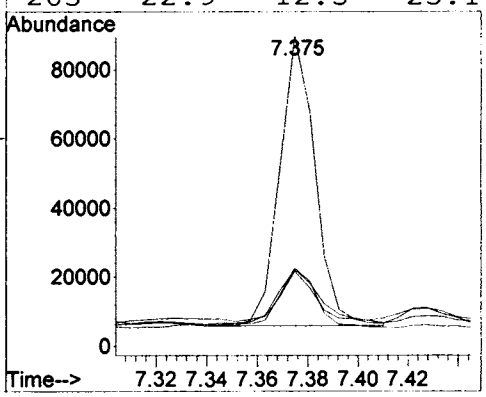


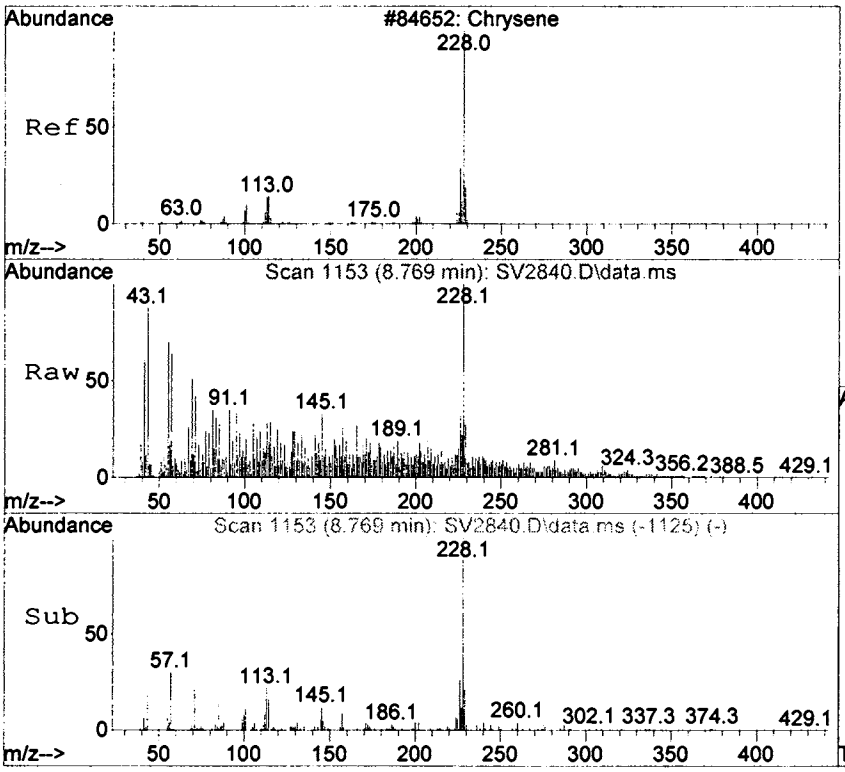


#78
Pyrene
Concen: 3.50 ng/uL
RT: 7.375 min Scan# 916
Delta R.T. 0.012 min
Lab File: SV2840.D
Acq: 8 Mar 2022 9:52 pm

Tgt Ion:202 Resp: 81429

Ion	Ratio	Lower	Upper
202	100		
201	18.4	12.2	22.7
200	22.7	14.8	27.4
203	22.9	12.5	23.1

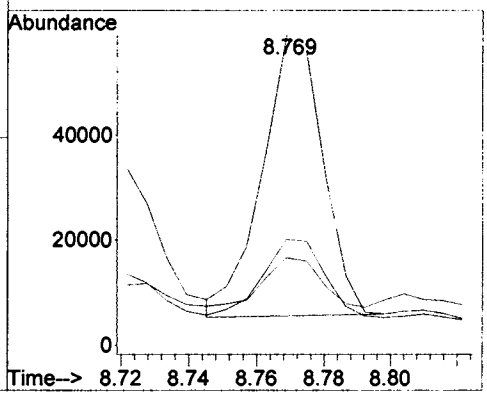




#84
Chrysene
Concen: 3.20 ng/uL
RT: 8.769 min Scan# 1153
Delta R.T. 0.018 min
Lab File: SV2840.D
Acq: 8 Mar 2022 9:52 pm

Tgt Ion:228 Resp: 66524

Ion	Ratio	Lower	Upper
228	100		
226	30.7	20.9	38.7
229	22.2	13.5	25.1



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\031222A\
Data File : SV2885.D
Acq On : 12 Mar 2022 2:44 am
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-22
Misc :
ALS Vial : 4 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sat Mar 12 18:58:49 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.116	152	262163	40.00	ng/uL	0.00
24) Naphthalene-d8	3.757	136	1062140	40.00	ng/uL	0.00
38) Acenaphthene-d10	4.898	164	551756	40.00	ng/uL	0.00
67) Phenanthrene-d10	6.086	188	955027	40.00	ng/uL	0.00
76) Chrysene-d12	8.716	240	803300	40.00	ng/uL	0.00
87) Perylene-d12	11.192	264	787329	40.00	ng/uL	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	2.587	112	494806	53.39	ng/uL	0.00
Spiked Amount 75.000	Range 10 - 120		Recovery = 71.19%			
6) Phenol-d5	2.934	99	716418	58.07	ng/uL	0.00
Spiked Amount 75.000	Range 39 - 120		Recovery = 77.43%			
10) 2-Chlorophenol-d4	3.028	132	460656	53.03	ng/uL	0.00
Spiked Amount 75.000	Range 30 - 120		Recovery = 70.71%			
14) 1,2-Dichlorobenzene-d4	3.193	150	288745	27.04	ng/uL	0.00
Spiked Amount 75.000	Range 16 - 120		Recovery = 36.05%			
23) Nitrobenzene-d5	3.375	82	416847	34.18	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery = 68.36%			
42) 2-Fluorobiphenyl	4.392	172	663063	36.47	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery = 72.94%			
68) 2,4,6-Tribromophenol	5.510	330	153553	60.59	ng/uL	0.00
Spiked Amount 75.000	Range 27 - 134		Recovery = 80.79%			
85) p-Terphenyl-d14	7.480	244	794662	39.51	ng/uL	0.00
Spiked Amount 50.000	Range 29 - 126		Recovery = 79.02%			
Target Compounds						Qvalue

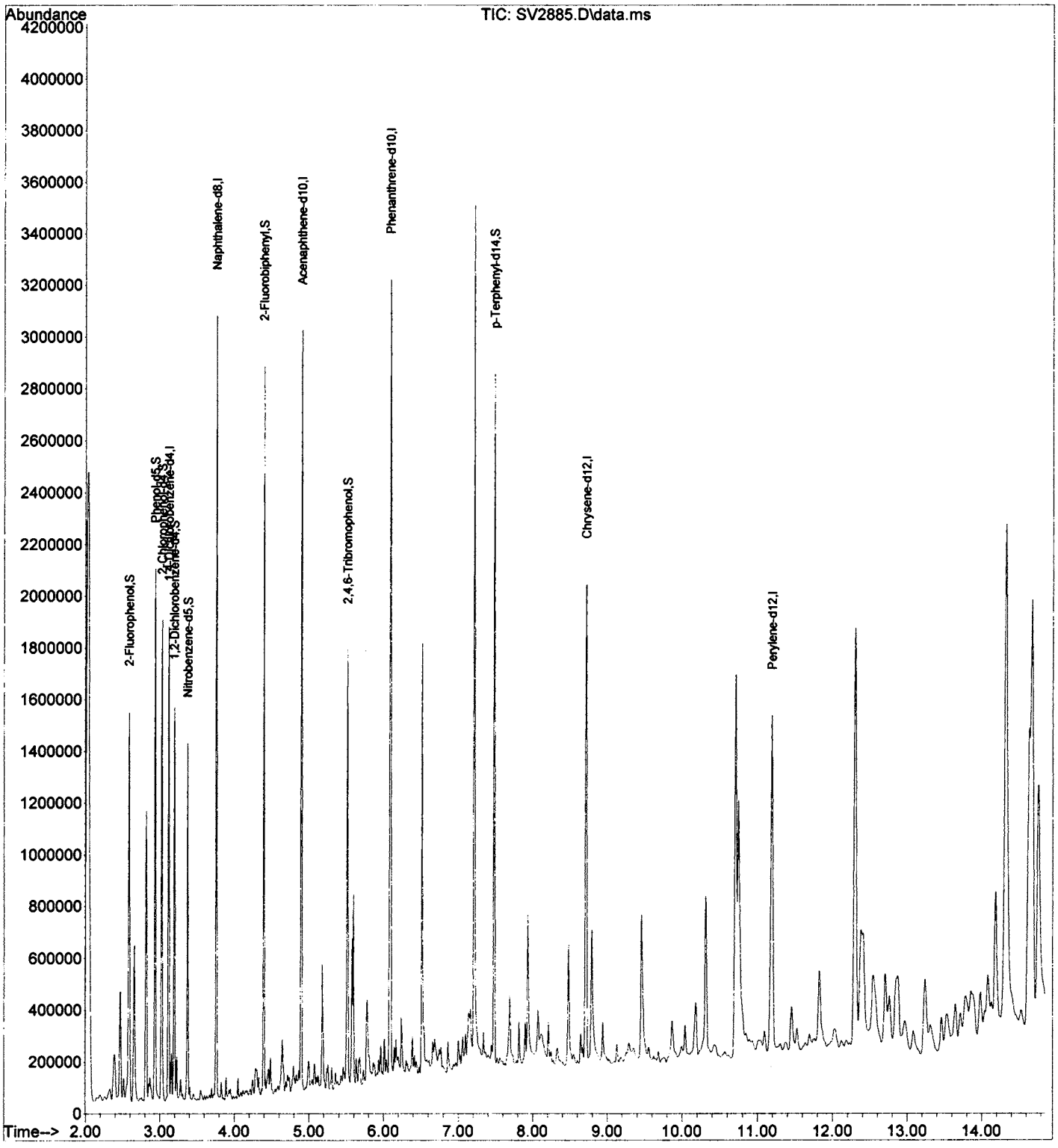
(#) = qualifier out of range (m) = manual integration (+) = signals summed

m 3/12/22

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\031222A\
Data File : SV2885.D
Acq On : 12 Mar 2022 2:44 am
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-22
Misc :
ALS Vial : 4 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sat Mar 12 18:58:49 2022
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\031222A\
Data File : SV2886.D
Acq On : 12 Mar 2022 3:10 am
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-32 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sat Mar 12 18:58:49 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.151	152	269992	40.00	ng/uL	0.03
24) Naphthalene-d8	3.798	136	1082213	40.00	ng/uL	0.04
38) Acenaphthene-d10	4.934	164	559631	40.00	ng/uL	0.04
67) Phenanthrene-d10	6.116	188	927847	40.00	ng/uL	0.02
76) Chrysene-d12	8.739	240	764872	40.00	ng/uL	0.02
87) Perylene-d12	11.227	264	775346	40.00	ng/uL	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	2.604	112	44946	4.71	ng/uL	0.01
Spiked Amount 75.000	Range 10 - 120		Recovery =	6.28%#		
6) Phenol-d5	2.963	99	59749	4.70	ng/uL	0.02
Spiked Amount 75.000	Range 39 - 120		Recovery =	6.27%#		
10) 2-Chlorophenol-d4	3.051	132	40687	4.55	ng/uL	0.02
Spiked Amount 75.000	Range 30 - 120		Recovery =	6.07%#		
14) 1,2-Dichlorobenzene-d4	3.228	150	30869	2.81	ng/uL	0.03
Spiked Amount 75.000	Range 16 - 120		Recovery =	3.75%#		
23) Nitrobenzene-d5	3.410	82	43677	3.48	ng/uL	0.04
Spiked Amount 50.000	Range 43 - 120		Recovery =	6.96%#		
42) 2-Fluorobiphenyl	4.439	172	64012	3.47	ng/uL	0.04
Spiked Amount 50.000	Range 43 - 120		Recovery =	6.94%#		
68) 2,4,6-Tribromophenol	5.545	330	11444	5.29	ng/uL	0.03
Spiked Amount 75.000	Range 27 - 134		Recovery =	7.05%#		
85) p-Terphenyl-d14	7.498	244	68547	3.58	ng/uL	0.02
Spiked Amount 50.000	Range 29 - 126		Recovery =	7.16%#		
Target Compounds						Qvalue

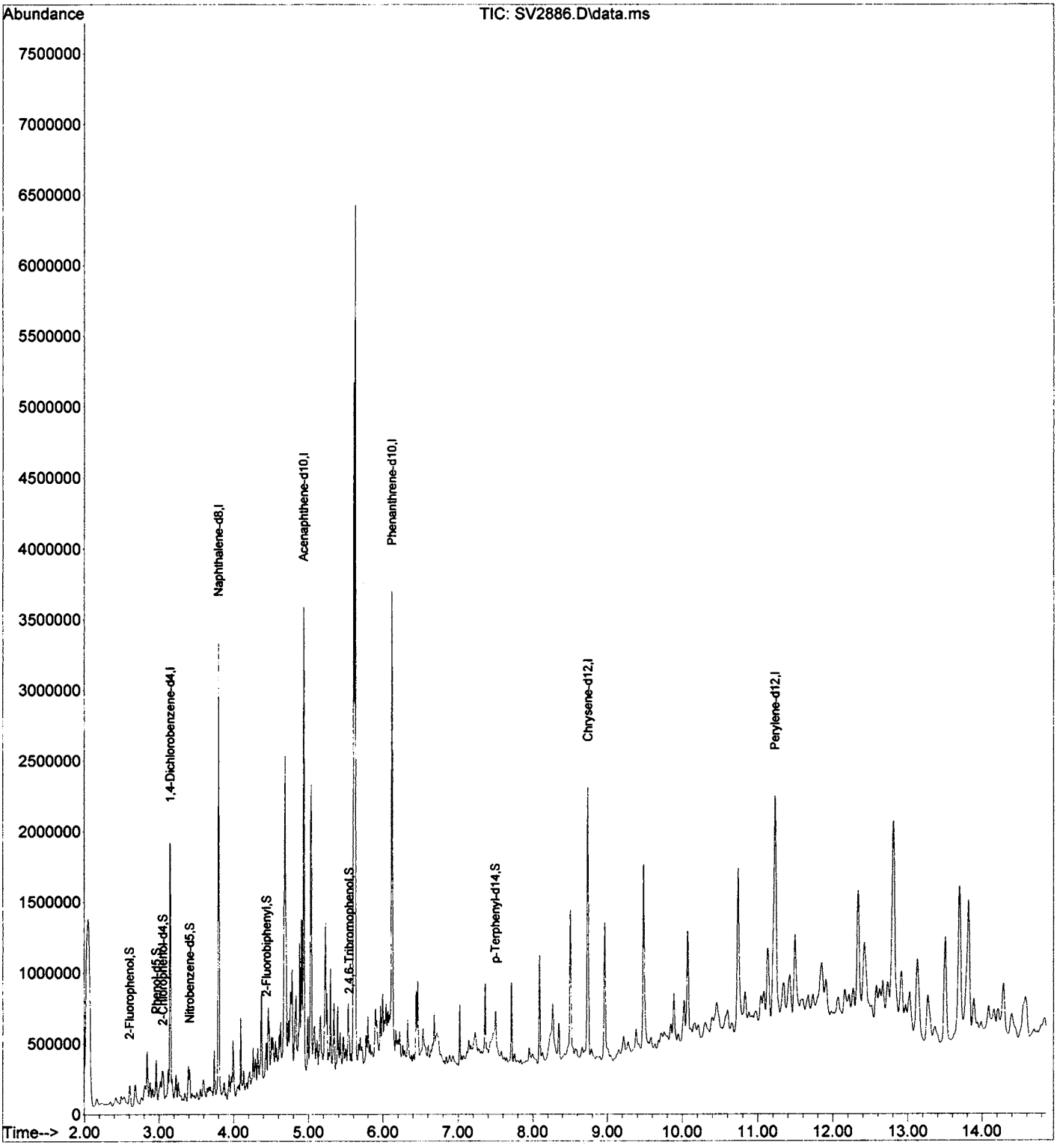
(#) = qualifier out of range (m) = manual integration (+) = signals summed

m 3/12/22

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\031222A\
Data File : SV2886.D
Acq On : 12 Mar 2022 3:10 am
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-32 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sat Mar 12 18:58:49 2022
Response via : Initial Calibration



Raw Data Quality Control Samples

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030622A\
Data File : SV2780.D
Acq On : 6 Mar 2022 7:15 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : EX220302-1LCS
Misc :
ALS Vial : 3 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 23:16:56 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.128	152	283264	40.00	ng/uL	0.00
24) Naphthalene-d8	3.769	136	1139604	40.00	ng/uL	0.00
38) Acenaphthene-d10	4.910	164	587079	40.00	ng/uL	0.00
67) Phenanthrene-d10	6.104	188	1003252	40.00	ng/uL	0.00
76) Chrysene-d12	8.734	240	854186	40.00	ng/uL	0.00
87) Perylene-d12	11.210	264	848915	40.00	ng/uL	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	2.593	112	518011	51.73	ng/uL	0.00
Spiked Amount 75.000	Range 10 - 120		Recovery = 68.97%			
6) Phenol-d5	2.946	99	713973	53.56	ng/uL	0.00
Spiked Amount 75.000	Range 39 - 120		Recovery = 71.41%			
10) 2-Chlorophenol-d4	3.040	132	470293	50.11	ng/uL	0.00
Spiked Amount 75.000	Range 30 - 120		Recovery = 66.81%			
14) 1,2-Dichlorobenzene-d4	3.210	150	338751	29.36	ng/uL	0.00
Spiked Amount 75.000	Range 16 - 120		Recovery = 39.15%			
23) Nitrobenzene-d5	3.387	82	447794	33.99	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery = 67.98%			
42) 2-Fluorobiphenyl	4.410	172	625786	32.35	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery = 64.70%			
68) 2,4,6-Tribromophenol	5.522	330	139056	53.11	ng/uL	0.00
Spiked Amount 75.000	Range 27 - 134		Recovery = 70.81%			
85) p-Terphenyl-d14	7.498	244	758593	35.47	ng/uL	0.00
Spiked Amount 50.000	Range 29 - 126		Recovery = 70.94%			
Target Compounds						Qvalue
2) 1,4-Dioxane	2.099	58	60465	17.21	ng/uL#	93
3) n-Nitrosodimethylamine	2.175	74	195450	24.60	ng/uL#	93
4) Pyridine	2.199	79	296440	22.27	ng/uL	99
7) Phenol	2.952	94	409149	27.80	ng/uL	96
8) Aniline	2.987	93	623612	20.63	ng/uL	95
9) Bis(2-chloroethyl)ether	2.987	63	241900	24.55	ng/uL	74
11) 2-Chlorophenol	3.046	128	266508	27.18	ng/uL	95
12) 1,3-Dichlorobenzene	3.110	146	257091	23.34	ng/uL	99
13) 1,4-Dichlorobenzene	3.140	146	265697	24.09	ng/uL	99
15) Benzyl alcohol	3.175	79	260662	27.37	ng/uL	99
16) 1,2-Dichlorobenzene	3.216	146	254644	24.39	ng/uL	99
17) 2-Methylphenol	3.216	108	283686	27.72	ng/uL	100
18) Bis(2-chloroisopropyl)...	3.228	45	359183	25.36	ng/uL	99
19) 3+4-Methylphenol	3.287	107	323153	28.95	ng/uL	99
20) n-Nitroso-di-n-propyla...	3.287	70	229933	26.88	ng/uL	99
21) Hexachloroethane	3.381	117	115243	26.20	ng/uL	99
22) Nitrobenzene	3.393	123	138807	26.81	ng/uL	97
25) Isophorone	3.504	82	598303	24.83	ng/uL	100
26) 2,4-Dimethylphenol	3.552	107	294126	26.65	ng/uL	98
27) 2-Nitrophenol	3.557	139	131996	31.15	ng/uL	96
28) Benzoic acid	3.581	105	188634	37.40	ng/uL	90
29) Bis(2-chloroethoxy)met...	3.593	93	378434	26.04	ng/uL	99
30) 2,4-dichlorophenol	3.687	162	200762	27.11	ng/uL	100
31) 1,2,4-Trichlorobenzene	3.734	180	197995	23.15	ng/uL	100
32) Naphthalene	3.781	128	772328	24.51	ng/uL	89
33) 4-Chloroaniline	3.793	65	89998	18.41	ng/uL	96
34) Hexachlorobutadiene	3.840	225	103885	22.70	ng/uL	99

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030622A\
Data File : SV2780.D
Acq On : 6 Mar 2022 7:15 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : EX220302-1LCS
Misc :
ALS Vial : 3 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 23:16:56 2022
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
35)	4-chloro-3-methylphenol	4.057	107	261246	29.40	ng/uL	99
36)	2-Methylnaphthalene	4.187	142	474193	23.98	ng/uL	99
37)	1-Methylnaphthalene	4.252	142	462438	25.32	ng/uL	99
39)	Hexachlorocyclopentadiene	4.287	237	45022	12.37	ng/uL	98
40)	2,4,6-Trichlorophenol	4.363	196	131543	25.78	ng/uL	97
41)	2,4,5-Trichlorophenol	4.393	196	144237	27.76	ng/uL	99
43)	2-Chloronaphthalene	4.510	162	446101	26.40	ng/uL	100
44)	2-Nitroaniline	4.563	138	167077	31.76	ng/uL	99
45)	1,4-Dinitrobenzene	4.640	168	72006	32.20	ng/uL	98
46)	Dimethylphthalate	4.663	163	529777	28.02	ng/uL	100
47)	1,3-Dinitrobenzene	4.704	168	84244	29.24	ng/uL	98
48)	2,6-Dinitrotoluene	4.716	165	118310	27.78	ng/uL	98
49)	1,2-Dinitrobenzene	4.769	168	57143	28.79	ng/uL	100
50)	Acenaphthylene	4.810	152	711330	25.24	ng/uL	99
51)	3-Nitroaniline	4.857	92	180188	27.20	ng/uL	99
52)	2,4-Dinitrophenol	4.928	184	5175	8.76	ng/uL#	65
53)	Acenaphthene	4.934	153	464600	25.47	ng/uL	98
54)	4-Nitrophenol	4.969	65	118073	28.70	ng/uL	98
55)	2,4-Dinitrotoluene	5.022	165	156492	30.00	ng/uL	100
56)	Dibenzofuran	5.063	168	626750	26.12	ng/uL	99
57)	2,3,5,6-Tetrachlorophenol	5.116	232	90881	24.37	ng/uL	99
58)	2,3,4,6-Tetrachlorophenol	5.151	232	102992	24.72	ng/uL	99
59)	Diethylphthalate	5.187	149	552189	28.70	ng/uL	99
60)	4-Chlorophenyl phenyl ...	5.304	204	226457	26.01	ng/uL	100
61)	4-Nitroaniline	5.328	138	150500	28.94	ng/uL	97
62)	Fluorene	5.328	166	523510	27.09	ng/uL	100
63)	4,6-Dinitro-2-methylph...	5.346	198	24269	17.35	ng/uL#	1
64)	n-Nitrosodiphenylamine	5.393	169	445923	27.53	ng/uL	100
65)	Azobenzene	5.434	77	717386	28.42	ng/uL	100
66)	4-Bromophenyl phenyl e...	5.704	248	132901	26.88	ng/uL	100
69)	Hexachlorobenzene	5.787	284	149089	26.58	ng/uL	99
70)	Pentachlorophenol	5.946	266	62919	22.61	ng/uL	98
71)	Phenanthrene	6.122	178	748855	27.44	ng/uL	100
72)	Anthracene	6.163	178	761984	27.93	ng/uL	99
73)	Carbazole	6.293	167	723726	28.89	ng/uL	100
74)	Di-n-butylphthalate	6.557	149	940269	30.90	ng/uL	100
75)	Fluoranthene	7.157	202	768685	28.06	ng/uL	100
77)	Benzidine	7.257	184	302058	20.40	ng/uL	99
78)	Pyrene	7.375	202	793254	28.03	ng/uL	99
79)	Butylbenzylphthalate	7.987	149	408351	33.08	ng/uL	99
80)	Bis(2-ethylhexyl) adipate	8.057	129	378349	34.82	ng/uL	99
81)	Bis(2-ethylhexyl)phtha...	8.698	149	591642	33.28	ng/uL	100
82)	3,3'-Dichlorobenzidine	8.663	252	485880	48.79	ng/uL	100
83)	Benzo[a]anthracene	8.716	228	721134	26.17	ng/uL	100
84)	Chrysene	8.769	228	677073	26.79	ng/uL	100
86)	Di-n-octylphthalate	9.704	149	916886	37.64	ng/uL	100
88)	Benzo[b]fluoranthene	10.451	252	669327	26.19	ng/uL	99
89)	Benzo[k]fluoranthene	10.504	252	674005	26.42	ng/uL	99
90)	Benzo[a]pyrene	11.092	252	572562	26.26	ng/uL	100
91)	Dibenzo[a,h]anthracene	13.733	278	612900	27.24	ng/uL	100
92)	Indeno(1,2,3-cd)pyrene	13.674	276	514991	24.99	ng/uL#	98
93)	Benzo[g,h,i]perylene	14.274	276	605909	26.20	ng/uL	99

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030622A\
Data File : SV2780.D
Acq On : 6 Mar 2022 7:15 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : EX220302-1LCS
Misc :
ALS Vial : 3 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 23:16:56 2022
Response via : Initial Calibration

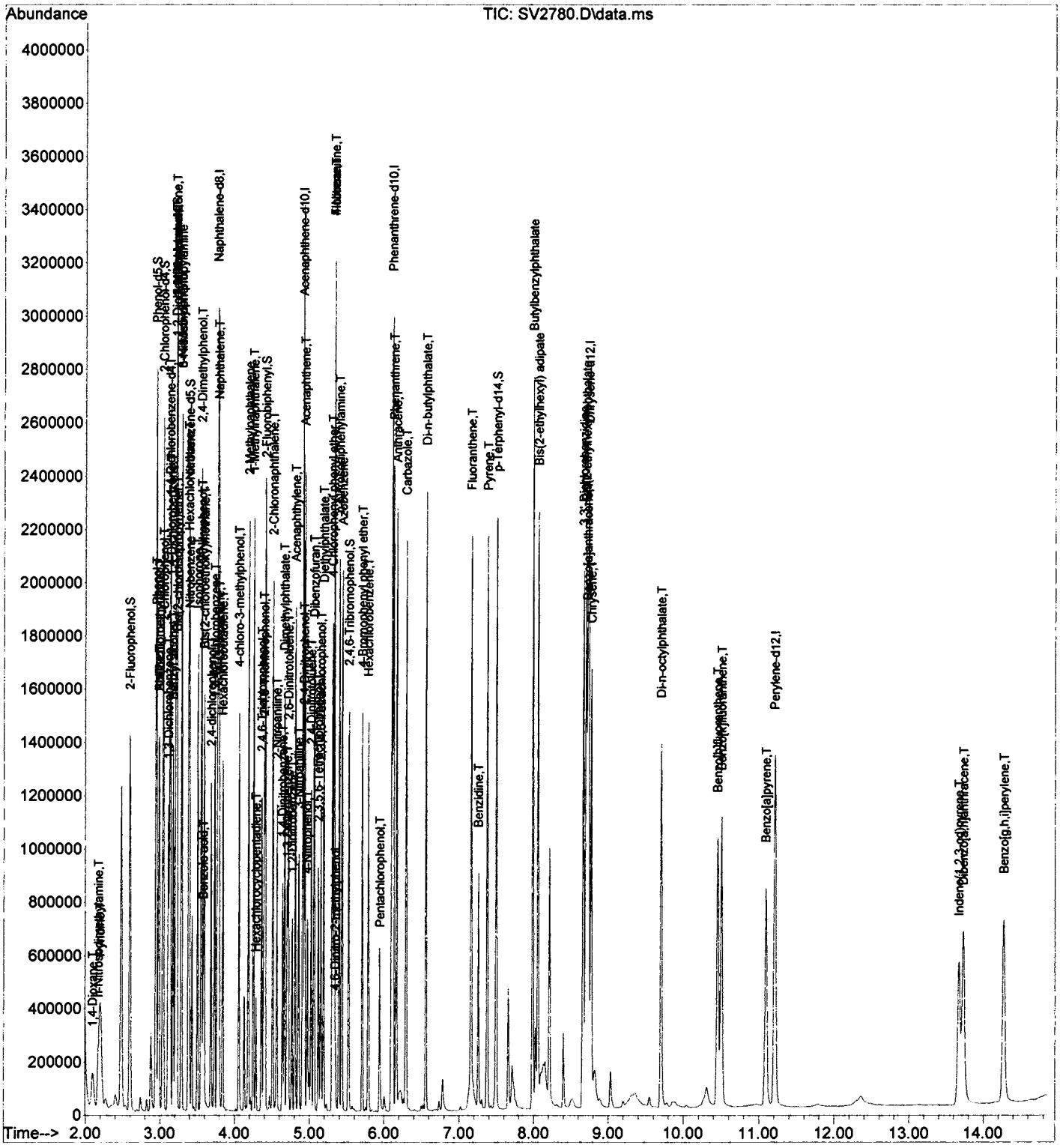
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030622A\
Data File : SV2780.D
Acq On : 6 Mar 2022 7:15 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : EX220302-1LCS
Misc :
ALS Vial : 3 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 23:16:56 2022
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030622A\
Data File : SV2782.D
Acq On : 6 Mar 2022 7:51 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : EX220303-2LCS
Misc :
ALS Vial : 5 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 23:16:56 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.128	152	285960	40.00	ng/uL	0.00
24) Naphthalene-d8	3.769	136	1150327	40.00	ng/uL	0.00
38) Acenaphthene-d10	4.910	164	589886	40.00	ng/uL	0.00
67) Phenanthrene-d10	6.098	188	1005545	40.00	ng/uL	0.00
76) Chrysene-d12	8.733	240	846748	40.00	ng/uL	0.00
87) Perylene-d12	11.210	264	840935	40.00	ng/uL	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	2.599	112	697031	68.95	ng/uL	0.00
Spiked Amount 75.000	Range 10 - 120		Recovery = 91.93%			
6) Phenol-d5	2.946	99	955342	70.99	ng/uL	0.00
Spiked Amount 75.000	Range 39 - 120		Recovery = 94.65%			
10) 2-Chlorophenol-d4	3.034	132	631082	66.61	ng/uL	0.00
Spiked Amount 75.000	Range 30 - 120		Recovery = 88.81%			
14) 1,2-Dichlorobenzene-d4	3.210	150	445885	38.29	ng/uL	0.00
Spiked Amount 75.000	Range 16 - 120		Recovery = 51.05%			
23) Nitrobenzene-d5	3.387	82	598745	45.01	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery = 90.02%			
42) 2-Fluorobiphenyl	4.404	172	835820	43.00	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery = 86.00%			
68) 2,4,6-Tribromophenol	5.522	330	193650	70.96	ng/uL	0.00
Spiked Amount 75.000	Range 27 - 134		Recovery = 94.61%			
85) p-Terphenyl-d14	7.492	244	1008977	47.60	ng/uL	0.00
Spiked Amount 50.000	Range 29 - 126		Recovery = 95.20%			
Target Compounds						Qvalue
2) 1,4-Dioxane	2.099	58	76722	21.64	ng/uL	96
3) n-Nitrosodimethylamine	2.175	74	256321	31.96	ng/uL#	95
4) Pyridine	2.204	79	379998	28.27	ng/uL	99
7) Phenol	2.951	94	545846	36.73	ng/uL	96
8) Aniline	2.987	93	746624	24.47	ng/uL	93
9) Bis(2-chloroethyl)ether	2.987	63	318941	32.07	ng/uL	64
11) 2-Chlorophenol	3.046	128	358668	36.23	ng/uL	96
12) 1,3-Dichlorobenzene	3.110	146	339450	30.52	ng/uL	99
13) 1,4-Dichlorobenzene	3.140	146	350179	31.45	ng/uL	99
15) Benzyl alcohol	3.175	79	352330	36.65	ng/uL	98
16) 1,2-Dichlorobenzene	3.216	146	334868	31.78	ng/uL	98
17) 2-Methylphenol	3.216	108	380249	36.81	ng/uL	99
18) Bis(2-chloroisopropyl)...	3.228	45	475936	33.29	ng/uL	97
19) 3+4-Methylphenol	3.287	107	429688	38.13	ng/uL	99
20) n-Nitroso-di-n-propyla...	3.287	70	315571	36.54	ng/uL	99
21) Hexachloroethane	3.381	117	151580	34.14	ng/uL	100
22) Nitrobenzene	3.393	123	186938	35.77	ng/uL	99
25) Isophorone	3.504	82	834921	34.33	ng/uL	100
26) 2,4-Dimethylphenol	3.551	107	401422	35.58	ng/uL	98
27) 2-Nitrophenol	3.557	139	177038	40.19	ng/uL	98
28) Benzoic acid	3.587	105	283115	50.21	ng/uL	94
29) Bis(2-chloroethoxy)met...	3.593	93	509716	34.74	ng/uL	100
30) 2,4-dichlorophenol	3.681	162	267374	35.77	ng/uL	100
31) 1,2,4-Trichlorobenzene	3.734	180	266032	30.81	ng/uL	99
32) Naphthalene	3.781	128	1026198	32.26	ng/uL#	80
33) 4-Chloroaniline	3.793	65	90089	18.25	ng/uL	77
34) Hexachlorobutadiene	3.840	225	138792	30.05	ng/uL	99

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030622A\
Data File : SV2782.D
Acq On : 6 Mar 2022 7:51 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : EX220303-2LCS
Misc :
ALS Vial : 5 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 23:16:56 2022
Response via : Initial Calibration

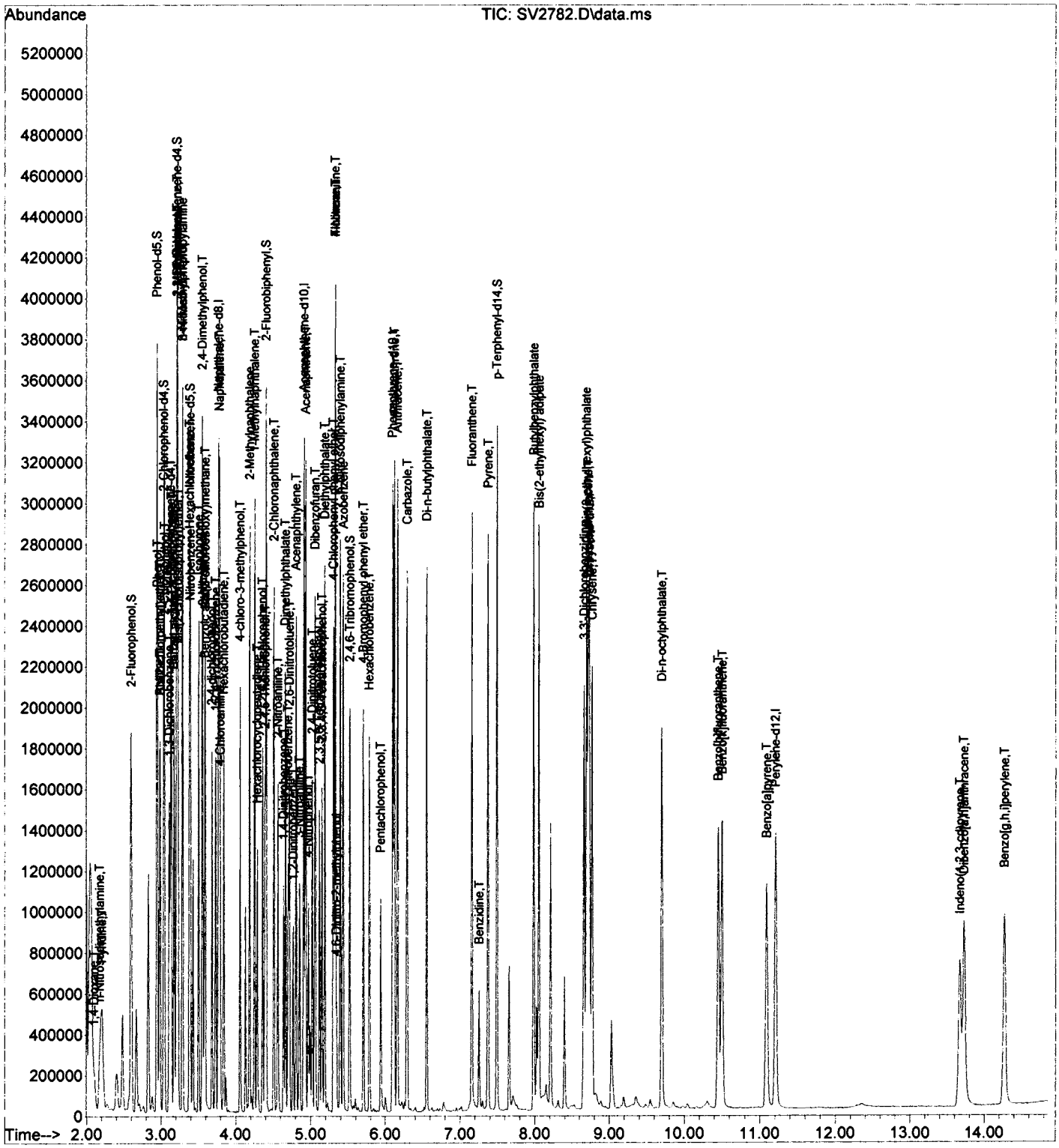
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-chloro-3-methylphenol	4.057	107	353235	39.38	ng/uL	99
36) 2-Methylnaphthalene	4.187	142	631363	31.63	ng/uL	99
37) 1-Methylnaphthalene	4.251	142	615125	33.37	ng/uL	99
39) Hexachlorocyclopentadiene	4.287	237	131692	32.33	ng/uL	99
40) 2,4,6-Trichlorophenol	4.357	196	179996	34.43	ng/uL	98
41) 2,4,5-Trichlorophenol	4.393	196	195214	36.78	ng/uL	99
43) 2-Chloronaphthalene	4.510	162	598999	35.28	ng/uL	100
44) 2-Nitroaniline	4.563	138	231296	42.50	ng/uL	97
45) 1,4-Dinitrobenzene	4.640	168	96144	41.16	ng/uL	98
46) Dimethylphthalate	4.663	163	702354	36.97	ng/uL	99
47) 1,3-Dinitrobenzene	4.698	168	112438	37.81	ng/uL	98
48) 2,6-Dinitrotoluene	4.716	165	159160	36.55	ng/uL	99
49) 1,2-Dinitrobenzene	4.769	168	75870	37.27	ng/uL	99
50) Acenaphthylene	4.804	152	953530	33.67	ng/uL	100
51) 3-Nitroaniline	4.851	92	209279	31.19	ng/uL	100
53) Acenaphthene	4.934	153	628877	34.32	ng/uL	98
54) 4-Nitrophenol	4.969	65	165514	38.78	ng/uL	98
55) 2,4-Dinitrotoluene	5.022	165	210567	39.21	ng/uL	100
56) Dibenzofuran	5.057	168	833578	34.58	ng/uL	99
57) 2,3,5,6-Tetrachlorophenol	5.116	232	136376	35.12	ng/uL	99
58) 2,3,4,6-Tetrachlorophenol	5.151	232	146032	34.17	ng/uL	100
59) Diethylphthalate	5.187	149	738829	38.22	ng/uL	100
60) 4-Chlorophenyl phenyl ...	5.304	204	304162	34.77	ng/uL	99
61) 4-Nitroaniline	5.328	138	191801	36.09	ng/uL	99
62) Fluorene	5.328	166	698380	35.97	ng/uL	100
63) 4,6-Dinitro-2-methylph...	5.345	198	49216	29.34	ng/uL	88
64) n-Nitrosodiphenylamine	5.393	169	598295	36.76	ng/uL	100
65) Azobenzene	5.434	77	961601	37.92	ng/uL	99
66) 4-Bromophenyl phenyl e...	5.704	248	177408	35.71	ng/uL	99
69) Hexachlorobenzene	5.787	284	202137	35.95	ng/uL	100
70) Pentachlorophenol	5.940	266	97695	32.80	ng/uL	99
71) Phenanthrene	6.122	178	1006359	36.79	ng/uL	100
72) Anthracene	6.163	178	1013382	37.05	ng/uL	100
73) Carbazole	6.292	167	970465	38.65	ng/uL	100
74) Di-n-butylphthalate	6.557	149	1241575	40.71	ng/uL	100
75) Fluoranthene	7.157	202	1025876	37.36	ng/uL	100
77) Benzidine	7.257	184	222250	15.90	ng/uL	99
78) Pyrene	7.375	202	1057415	37.69	ng/uL	100
79) Butylbenzylphthalate	7.986	149	542580	42.64	ng/uL	100
80) Bis(2-ethylhexyl) adipate	8.057	129	507403	45.07	ng/uL	99
81) Bis(2-ethylhexyl)phtha...	8.692	149	777321	42.56	ng/uL	100
82) 3,3'-Dichlorobenzidine	8.663	252	525138	52.71	ng/uL	100
83) Benzo[a]anthracene	8.716	228	968143	35.44	ng/uL	100
84) Chrysene	8.769	228	898576	35.87	ng/uL	99
86) Di-n-octylphthalate	9.698	149	1255256	48.87	ng/uL	100
88) Benzo[b]fluoranthene	10.451	252	879540	34.12	ng/uL	100
89) Benzo[k]fluoranthene	10.504	252	925358	36.62	ng/uL	99
90) Benzo[a]pyrene	11.092	252	772184	34.99	ng/uL	99
91) Dibenzo[a,h]anthracene	13.727	278	820642	35.91	ng/uL	100
92) Indeno(1,2,3-cd)pyrene	13.674	276	706887	33.57	ng/uL#	99
93) Benzo[g,h,i]perylene	14.274	276	815716	34.91	ng/uL	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030622A\
Data File : SV2782.D
Acq On : 6 Mar 2022 7:51 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : EX220303-2LCS
Misc :
ALS Vial : 5 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 23:16:56 2022
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030622A\
Data File : SV2785.D
Acq On : 6 Mar 2022 8:45 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-1MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 23:16:56 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.134	152	298739	40.00	ng/uL	0.00
24) Naphthalene-d8	3.769	136	1208259	40.00	ng/uL	0.00
38) Acenaphthene-d10	4.904	164	620072	40.00	ng/uL	0.00
67) Phenanthrene-d10	6.098	188	1038722	40.00	ng/uL	0.00
76) Chrysene-d12	8.733	240	869368	40.00	ng/uL	0.00
87) Perylene-d12	11.210	264	874869	40.00	ng/uL	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	2.598	112	323111	30.59	ng/uL	0.00
Spiked Amount 75.000	Range 10 - 120		Recovery =	40.79%		
6) Phenol-d5	2.945	99	444675	31.63	ng/uL	0.00
Spiked Amount 75.000	Range 39 - 120		Recovery =	42.17%		
10) 2-Chlorophenol-d4	3.040	132	292221	29.52	ng/uL	0.00
Spiked Amount 75.000	Range 30 - 120		Recovery =	39.36%		
14) 1,2-Dichlorobenzene-d4	3.210	150	209315	17.20	ng/uL	0.00
Spiked Amount 75.000	Range 16 - 120		Recovery =	22.93%		
23) Nitrobenzene-d5	3.387	82	290401	20.90	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery =	41.80%#		
42) 2-Fluorobiphenyl	4.404	172	400528	19.60	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery =	39.20%#		
68) 2,4,6-Tribromophenol	5.522	330	80780	31.32	ng/uL	0.00
Spiked Amount 75.000	Range 27 - 134		Recovery =	41.76%		
85) p-Terphenyl-d14	7.492	244	444539	20.42	ng/uL	0.00
Spiked Amount 50.000	Range 29 - 126		Recovery =	40.84%		
Target Compounds						Qvalue
2) 1,4-Dioxane	2.104	58	36684	9.90	ng/uL	97
3) n-Nitrosodimethylamine	2.181	74	120571	14.39	ng/uL#	82
4) Pyridine	2.210	79	179301	12.77	ng/uL	98
7) Phenol	2.951	94	257090	16.56	ng/uL	94
8) Aniline	2.987	93	337278	10.58	ng/uL#	91
9) Bis(2-chloroethyl)ether	2.987	63	152279	14.66	ng/uL	59
11) 2-Chlorophenol	3.045	128	166410	16.09	ng/uL	94
12) 1,3-Dichlorobenzene	3.110	146	167418	14.41	ng/uL	97
13) 1,4-Dichlorobenzene	3.140	146	151109	12.99	ng/uL#	90
15) Benzyl alcohol	3.175	79	171599	17.09	ng/uL	99
16) 1,2-Dichlorobenzene	3.216	146	157141	14.27	ng/uL	98
17) 2-Methylphenol	3.216	108	176089	16.32	ng/uL	98
18) Bis(2-chloroisopropyl)...	3.228	45	234554	15.70	ng/uL	99
19) 3+4-Methylphenol	3.287	107	200618	17.04	ng/uL	99
20) n-Nitroso-di-n-propyla...	3.287	70	149818	16.61	ng/uL	98
21) Hexachloroethane	3.381	117	65834	14.19	ng/uL	97
22) Nitrobenzene	3.393	123	91181	16.70	ng/uL	97
25) Isophorone	3.504	82	394914	15.46	ng/uL	99
26) 2,4-Dimethylphenol	3.551	107	180971	15.90	ng/uL	95
27) 2-Nitrophenol	3.557	139	88293	20.47	ng/uL	97
28) Benzoic acid	3.575	105	61508	14.63	ng/uL#	57
29) Bis(2-chloroethoxy)met...	3.592	93	247552	16.06	ng/uL	99
30) 2,4-dichlorophenol	3.681	162	123413	15.72	ng/uL	99
31) 1,2,4-Trichlorobenzene	3.728	180	126600	13.96	ng/uL	99
32) Naphthalene	3.781	128	505843	15.14	ng/uL#	80
33) 4-Chloroaniline	3.792	65	46772	9.02	ng/uL	84
34) Hexachlorobutadiene	3.840	225	65031	13.40	ng/uL	100

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030622A\
Data File : SV2785.D
Acq On : 6 Mar 2022 8:45 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-1MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 23:16:56 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-chloro-3-methylphenol	4.057	107	156421	16.60	ng/uL	99
36) 2-Methylnaphthalene	4.181	142	310195	14.79	ng/uL	99
37) 1-Methylnaphthalene	4.251	142	304547	15.73	ng/uL	100
39) Hexachlorocyclopentadiene	4.287	237	9176	2.93	ng/uL	98
40) 2,4,6-Trichlorophenol	4.357	196	82500	15.78	ng/uL	97
41) 2,4,5-Trichlorophenol	4.387	196	85908	16.07	ng/uL	99
43) 2-Chloronaphthalene	4.504	162	291246	16.32	ng/uL	100
44) 2-Nitroaniline	4.563	138	103957	19.51	ng/uL	99
45) 1,4-Dinitrobenzene	4.639	168	37246	17.12	ng/uL	94
46) Dimethylphthalate	4.663	163	330253	16.54	ng/uL	97
47) 1,3-Dinitrobenzene	4.698	168	49412	17.31	ng/uL	97
48) 2,6-Dinitrotoluene	4.716	165	75520	17.38	ng/uL	97
49) 1,2-Dinitrobenzene	4.763	168	34078	17.10	ng/uL	99
50) Acenaphthylene	4.804	152	454132	15.25	ng/uL	100
51) 3-Nitroaniline	4.851	92	90438	13.44	ng/uL	98
52) 2,4-Dinitrophenol	4.922	184	9288	12.35	ng/uL#	52
53) Acenaphthene	4.928	153	300353	15.59	ng/uL	99
54) 4-Nitrophenol	4.969	65	75049	17.89	ng/uL	98
55) 2,4-Dinitrotoluene	5.022	165	92420	17.53	ng/uL	99
56) Dibenzofuran	5.057	168	398077	15.71	ng/uL	99
57) 2,3,5,6-Tetrachlorophenol	5.116	232	52588	14.03	ng/uL	99
58) 2,3,4,6-Tetrachlorophenol	5.151	232	59480	13.98	ng/uL	99
59) Diethylphthalate	5.187	149	335601	16.51	ng/uL	99
60) 4-Chlorophenyl phenyl ...	5.304	204	140854	15.32	ng/uL	99
61) 4-Nitroaniline	5.322	138	70257	13.50	ng/uL	97
62) Fluorene	5.322	166	329518	16.14	ng/uL	100
63) 4,6-Dinitro-2-methylph...	5.345	198	21285	15.19	ng/uL#	83
64) n-Nitrosodiphenylamine	5.392	169	271641	15.88	ng/uL	99
65) Azobenzene	5.428	77	453898	17.03	ng/uL	99
66) 4-Bromophenyl phenyl e...	5.704	248	81135	15.54	ng/uL	98
69) Hexachlorobenzene	5.786	284	89475	15.40	ng/uL	99
70) Pentachlorophenol	5.939	266	29772	12.04	ng/uL	99
71) Phenanthrene	6.122	178	468793	16.59	ng/uL	100
72) Anthracene	6.163	178	465613	16.48	ng/uL	100
73) Carbazole	6.292	167	428108	16.50	ng/uL	100
74) Di-n-butylphthalate	6.551	149	576580	18.30	ng/uL	100
75) Fluoranthene	7.157	202	469437	16.55	ng/uL	99
77) Benzidine	7.228	184	567	2.33	ng/uL#	1
78) Pyrene	7.375	202	476596	16.55	ng/uL	99
79) Butylbenzylphthalate	7.980	149	243709	21.08	ng/uL	100
80) Bis(2-ethylhexyl) adipate	8.051	129	221429	21.89	ng/uL	99
81) Bis(2-ethylhexyl)phtha...	8.692	149	345938	20.71	ng/uL	98
82) 3,3'-Dichlorobenzidine	8.657	252	77566	9.74	ng/uL	98
83) Benzo[a]anthracene	8.716	228	426481	15.21	ng/uL	100
84) Chrysene	8.763	228	400385	15.57	ng/uL	99
86) Di-n-octylphthalate	9.698	149	556372	25.15	ng/uL	99
88) Benzo[b]fluoranthene	10.451	252	392863	15.40	ng/uL	99
89) Benzo[k]fluoranthene	10.498	252	399223	15.18	ng/uL	98
90) Benzo[a]pyrene	11.086	252	335265	15.46	ng/uL	99
91) Dibenzo[a,h]anthracene	13.733	278	372313	16.68	ng/uL	98
92) Indeno(1,2,3-cd)pyrene	13.674	276	318138	15.67	ng/uL#	96
93) Benzo[g,h,i]perylene	14.274	276	351125	15.24	ng/uL	98

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030622A\
Data File : SV2785.D
Acq On : 6 Mar 2022 8:45 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-1MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 23:16:56 2022
Response via : Initial Calibration

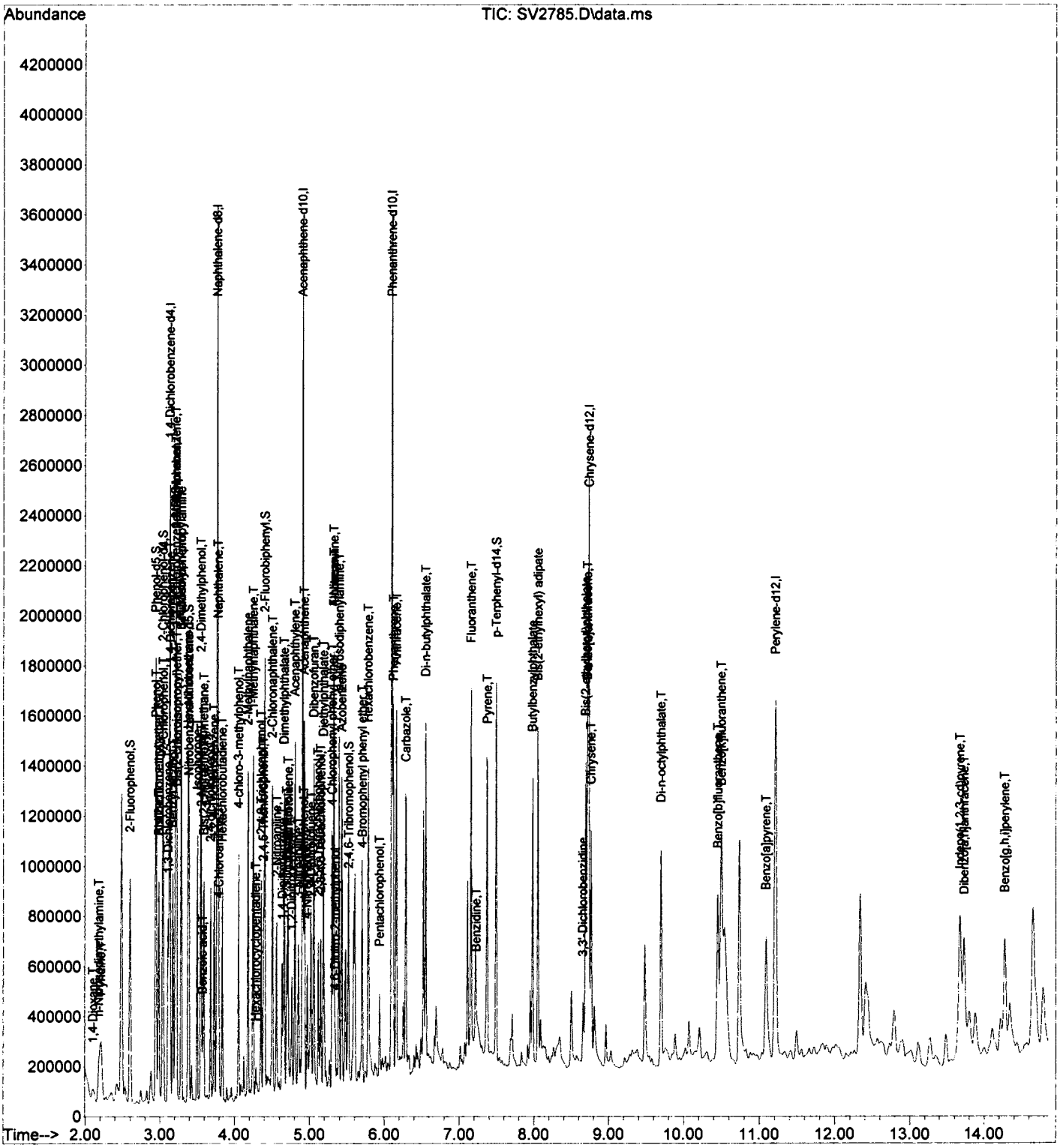
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030622A\
Data File : SV2785.D
Acq On : 6 Mar 2022 8:45 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-1MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 23:16:56 2022
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030622A\
Data File : SV2786.D
Acq On : 6 Mar 2022 9:03 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-1MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 23:16:56 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.134	152	294648	40.00	ng/uL	0.00
24) Naphthalene-d8	3.769	136	1189888	40.00	ng/uL	0.00
38) Acenaphthene-d10	4.904	164	606978	40.00	ng/uL	0.00
67) Phenanthrene-d10	6.098	188	1026772	40.00	ng/uL	0.00
76) Chrysene-d12	8.734	240	848811	40.00	ng/uL	0.00
87) Perylene-d12	11.210	264	856385	40.00	ng/uL	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	2.599	112	316757	30.41	ng/uL	0.00
Spiked Amount 75.000	Range 10 - 120		Recovery =	40.55%		
6) Phenol-d5	2.946	99	434693	31.35	ng/uL	0.00
Spiked Amount 75.000	Range 39 - 120		Recovery =	41.80%		
10) 2-Chlorophenol-d4	3.040	132	285069	29.20	ng/uL	0.00
Spiked Amount 75.000	Range 30 - 120		Recovery =	38.93%		
14) 1,2-Dichlorobenzene-d4	3.210	150	207636	17.30	ng/uL	0.00
Spiked Amount 75.000	Range 16 - 120		Recovery =	23.07%		
23) Nitrobenzene-d5	3.387	82	281581	20.55	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery =	41.10%#		
42) 2-Fluorobiphenyl	4.404	172	381273	19.06	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery =	38.12%#		
68) 2,4,6-Tribromophenol	5.516	330	77083	30.31	ng/uL	0.00
Spiked Amount 75.000	Range 27 - 134		Recovery =	40.41%		
85) p-Terphenyl-d14	7.492	244	424592	19.98	ng/uL	0.00
Spiked Amount 50.000	Range 29 - 126		Recovery =	39.96%		
Target Compounds						Qvalue
2) 1,4-Dioxane	2.105	58	38148	10.44	ng/uL	96
3) n-Nitrosodimethylamine	2.181	74	121662	14.72	ng/uL#	84
4) Pyridine	2.210	79	186397	13.46	ng/uL	98
7) Phenol	2.952	94	252960	16.52	ng/uL	94
8) Aniline	2.987	93	314858	10.02	ng/uL#	89
9) Bis(2-chloroethyl)ether	2.987	63	152229	14.85	ng/uL#	53
11) 2-Chlorophenol	3.046	128	163496	16.03	ng/uL	93
12) 1,3-Dichlorobenzene	3.110	146	168129	14.67	ng/uL	97
13) 1,4-Dichlorobenzene	3.140	146	152587	13.30	ng/uL#	90
15) Benzyl alcohol	3.175	79	165945	16.75	ng/uL	99
16) 1,2-Dichlorobenzene	3.216	146	157761	14.53	ng/uL	98
17) 2-Methylphenol	3.216	108	172249	16.18	ng/uL	98
18) Bis(2-chloroisopropyl)...	3.228	45	234878	15.94	ng/uL	98
19) 3+4-Methylphenol	3.287	107	196106	16.89	ng/uL	100
20) n-Nitroso-di-n-propyla...	3.287	70	148524	16.69	ng/uL	98
21) Hexachloroethane	3.381	117	69461	15.18	ng/uL	98
22) Nitrobenzene	3.393	123	89203	16.56	ng/uL	97
25) Isophorone	3.505	82	384285	15.28	ng/uL	99
26) 2,4-Dimethylphenol	3.552	107	175349	15.66	ng/uL	84
27) 2-Nitrophenol	3.557	139	84637	19.97	ng/uL	96
28) Benzoic acid	3.575	105	54918	13.50	ng/uL#	60
29) Bis(2-chloroethoxy)met...	3.593	93	237424	15.64	ng/uL	99
30) 2,4-dichlorophenol	3.681	162	121740	15.75	ng/uL	99
31) 1,2,4-Trichlorobenzene	3.728	180	124779	13.97	ng/uL	99
32) Naphthalene	3.781	128	494818	15.04	ng/uL#	77
33) 4-Chloroaniline	3.793	65	43264	8.47	ng/uL	84
34) Hexachlorobutadiene	3.840	225	64858	13.57	ng/uL	99

AL 3/6/22

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030622A\
Data File : SV2786.D
Acq On : 6 Mar 2022 9:03 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-1MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 23:16:56 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-chloro-3-methylphenol	4.057	107	161344	17.39	ng/uL	98
36) 2-Methylnaphthalene	4.181	142	301799	14.62	ng/uL	99
37) 1-Methylnaphthalene	4.252	142	293532	15.39	ng/uL	99
39) Hexachlorocyclopentadiene	4.287	237	12794	3.92	ng/uL	98
40) 2,4,6-Trichlorophenol	4.357	196	79505	15.54	ng/uL	97
41) 2,4,5-Trichlorophenol	4.387	196	85219	16.28	ng/uL	97
43) 2-Chloronaphthalene	4.504	162	282741	16.18	ng/uL	99
44) 2-Nitroaniline	4.563	138	102684	19.67	ng/uL	99
45) 1,4-Dinitrobenzene	4.640	168	38541	17.99	ng/uL	97
46) Dimethylphthalate	4.663	163	319324	16.33	ng/uL	97
47) 1,3-Dinitrobenzene	4.699	168	46988	16.88	ng/uL	98
48) 2,6-Dinitrotoluene	4.716	165	71870	16.94	ng/uL	100
49) 1,2-Dinitrobenzene	4.763	168	31826	16.40	ng/uL	97
50) Acenaphthylene	4.804	152	437763	15.02	ng/uL	100
51) 3-Nitroaniline	4.851	92	89267	13.54	ng/uL	99
52) 2,4-Dinitrophenol	4.922	184	9570	12.79	ng/uL#	65
53) Acenaphthene	4.928	153	294732	15.63	ng/uL	98
54) 4-Nitrophenol	4.969	65	74811	18.20	ng/uL	97
55) 2,4-Dinitrotoluene	5.016	165	87507	17.00	ng/uL	99
56) Dibenzofuran	5.057	168	386432	15.58	ng/uL	99
57) 2,3,5,6-Tetrachlorophenol	5.116	232	44839	12.36	ng/uL	99
58) 2,3,4,6-Tetrachlorophenol	5.151	232	54807	13.21	ng/uL	100
59) Diethylphthalate	5.187	149	325638	16.37	ng/uL	99
60) 4-Chlorophenyl phenyl ...	5.304	204	136228	15.13	ng/uL	99
61) 4-Nitroaniline	5.322	138	75018	14.63	ng/uL	98
62) Fluorene	5.322	166	317180	15.88	ng/uL	99
63) 4,6-Dinitro-2-methylph...	5.346	198	20469	15.00	ng/uL#	78
64) n-Nitrosodiphenylamine	5.393	169	259889	15.52	ng/uL	100
65) Azobenzene	5.428	77	437240	16.76	ng/uL	99
66) 4-Bromophenyl phenyl e...	5.704	248	79412	15.53	ng/uL	98
69) Hexachlorobenzene	5.787	284	87627	15.26	ng/uL	99
70) Pentachlorophenol	5.940	266	21127	9.45	ng/uL	99
71) Phenanthrene	6.122	178	449563	16.10	ng/uL	99
72) Anthracene	6.163	178	452474	16.20	ng/uL	99
73) Carbazole	6.287	167	419534	16.36	ng/uL	100
74) Di-n-butylphthalate	6.551	149	562622	18.07	ng/uL	100
75) Fluoranthene	7.157	202	451715	16.11	ng/uL	99
77) Benzidine	0.000		0	N.D.		
78) Pyrene	7.369	202	457770	16.28	ng/uL	100
79) Butylbenzylphthalate	7.981	149	232353	20.67	ng/uL	100
80) Bis(2-ethylhexyl) adipate	8.051	129	216053	21.88	ng/uL	98
81) Bis(2-ethylhexyl)phtha...	8.692	149	334482	20.54	ng/uL	97
82) 3,3'-Dichlorobenzidine	8.657	252	115832	13.81	ng/uL	98
83) Benzo[a]anthracene	8.716	228	409741	14.96	ng/uL	100
84) Chrysene	8.763	228	387424	15.43	ng/uL	99
86) Di-n-octylphthalate	9.698	149	545551	25.23	ng/uL	100
88) Benzo[b]fluoranthene	10.451	252	386438	15.48	ng/uL	98
89) Benzo[k]fluoranthene	10.498	252	383355	14.90	ng/uL	98
90) Benzo[a]pyrene	11.086	252	328342	15.47	ng/uL	99
91) Dibenzo[a,h]anthracene	13.727	278	362595	16.60	ng/uL	97
92) Indeno(1,2,3-cd)pyrene	13.674	276	312022	15.70	ng/uL#	94
93) Benzo[g,h,i]perylene	14.274	276	350221	15.52	ng/uL	98

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030622A\
Data File : SV2786.D
Acq On : 6 Mar 2022 9:03 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-1MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 23:16:56 2022
Response via : Initial Calibration

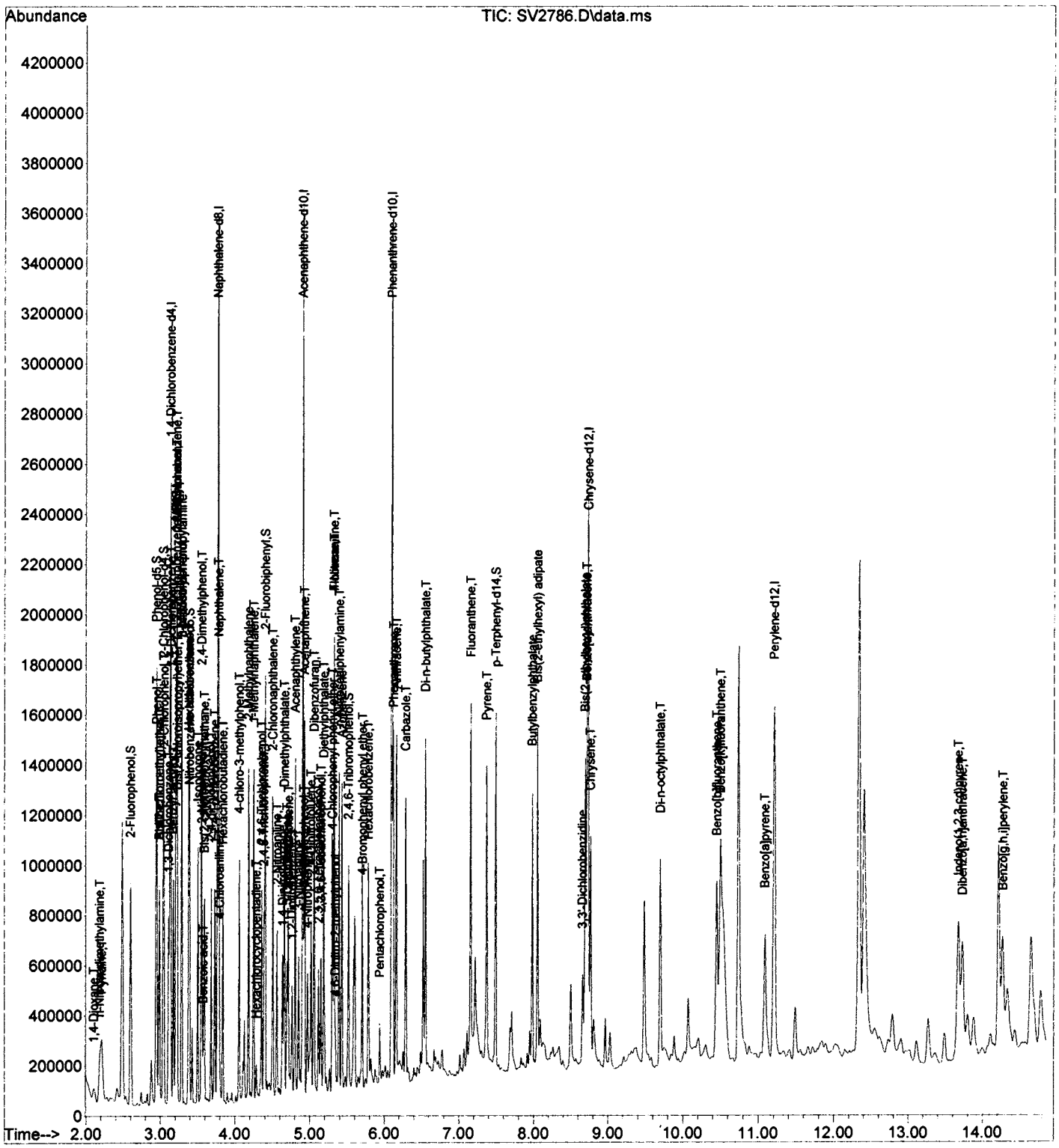
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030622A\
Data File : SV2786.D
Acq On : 6 Mar 2022 9:03 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-1MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 23:16:56 2022
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030722\
Data File : SV2815.D
Acq On : 7 Mar 2022 10:43 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-10MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 23:16:56 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.134	152	295106	40.00	ng/uL	0.00
24) Naphthalene-d8	3.775	136	1197916	40.00	ng/uL	0.00
38) Acenaphthene-d10	4.916	164	608419	40.00	ng/uL	0.00
67) Phenanthrene-d10	6.110	188	1025195	40.00	ng/uL	0.00
76) Chrysene-d12	8.745	240	862535	40.00	ng/uL	0.01
87) Perylene-d12	11.233	264	872087	40.00	ng/uL	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	2.605	112	600010	57.51	ng/uL	0.01
Spiked Amount 75.000	Range 10 - 120		Recovery = 76.68%			
6) Phenol-d5	2.952	99	849785	61.19	ng/uL	0.00
Spiked Amount 75.000	Range 39 - 120		Recovery = 81.59%			
10) 2-Chlorophenol-d4	3.046	132	557567	57.02	ng/uL	0.00
Spiked Amount 75.000	Range 30 - 120		Recovery = 76.03%			
14) 1,2-Dichlorobenzene-d4	3.216	150	374587	31.17	ng/uL	0.00
Spiked Amount 75.000	Range 16 - 120		Recovery = 41.56%			
23) Nitrobenzene-d5	3.393	82	526298	38.34	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery = 76.68%			
42) 2-Fluorobiphenyl	4.410	172	759867	37.90	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery = 75.80%			
68) 2,4,6-Tribromophenol	5.528	330	166960	61.28	ng/uL	0.00
Spiked Amount 75.000	Range 27 - 134		Recovery = 81.71%			
85) p-Terphenyl-d14	7.504	244	875606	40.55	ng/uL	0.00
Spiked Amount 50.000	Range 29 - 126		Recovery = 81.10%			
Target Compounds						Qvalue
2) 1,4-Dioxane	2.110	58	62415	17.06	ng/uL	97
3) n-Nitrosodimethylamine	2.181	74	209117	25.27	ng/uL#	83
4) Pyridine	2.210	79	311145	22.43	ng/uL	98
7) Phenol	2.957	94	499879	32.60	ng/uL	95
8) Aniline	2.993	93	518176	16.46	ng/uL#	87
9) Bis(2-chloroethyl)ether	2.993	63	273180	26.62	ng/uL#	45
11) 2-Chlorophenol	3.052	128	323759	31.69	ng/uL	95
12) 1,3-Dichlorobenzene	3.116	146	288203	25.11	ng/uL	99
13) 1,4-Dichlorobenzene	3.146	146	289503	25.20	ng/uL	100
15) Benzyl alcohol	3.181	79	317273	31.98	ng/uL	99
16) 1,2-Dichlorobenzene	3.222	146	287760	26.46	ng/uL	99
17) 2-Methylphenol	3.228	108	349485	32.78	ng/uL	98
18) Bis(2-chloroisopropyl)...	3.234	45	437567	29.65	ng/uL	95
19) 3+4-Methylphenol	3.293	107	398342	34.25	ng/uL	99
20) n-Nitroso-di-n-propyla...	3.293	70	291960	32.76	ng/uL	99
21) Hexachloroethane	3.387	117	135682	29.61	ng/uL	94
22) Nitrobenzene	3.399	123	164641	30.52	ng/uL	97
25) Isophorone	3.510	82	773766	30.55	ng/uL	100
26) 2,4-Dimethylphenol	3.557	107	373684	31.95	ng/uL	98
27) 2-Nitrophenol	3.563	139	164493	36.31	ng/uL	95
28) Benzoic acid	3.599	105	336738	55.26	ng/uL	92
29) Bis(2-chloroethoxy)met...	3.599	93	464351	30.39	ng/uL	98
30) 2,4-dichlorophenol	3.693	162	250149	32.14	ng/uL	100
31) 1,2,4-Trichlorobenzene	3.740	180	236489	26.30	ng/uL	100
32) Naphthalene	3.787	128	954843	28.82	ng/uL#	71
33) 4-Chloroaniline	3.799	65	60273	11.73	ng/uL#	56
34) Hexachlorobutadiene	3.846	225	124746	25.93	ng/uL	99

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030722\
Data File : SV2815.D
Acq On : 7 Mar 2022 10:43 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-10MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 23:16:56 2022
Response via : Initial Calibration

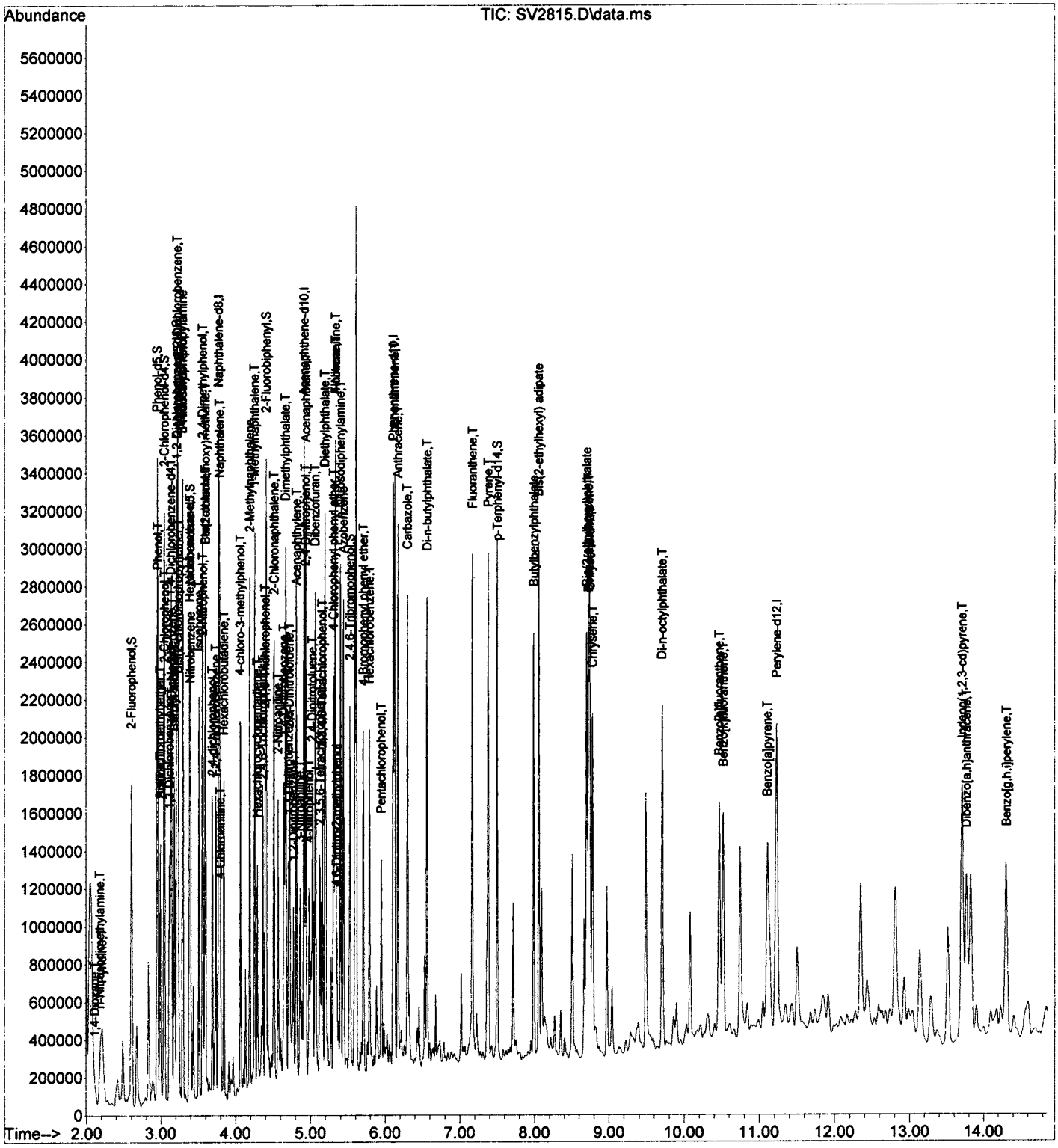
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-chloro-3-methylphenol	4.063	107	323723	34.65	ng/uL	99
36) 2-Methylnaphthalene	4.193	142	615133	29.59	ng/uL	99
37) 1-Methylnaphthalene	4.257	142	614407	32.01	ng/uL	100
39) Hexachlorocyclopentadiene	4.293	237	115431	28.01	ng/uL	99
40) 2,4,6-Trichlorophenol	4.369	196	167405	31.26	ng/uL	97
41) 2,4,5-Trichlorophenol	4.399	196	177349	32.63	ng/uL	99
43) 2-Chloronaphthalene	4.516	162	554334	31.65	ng/uL	100
44) 2-Nitroaniline	4.569	138	205591	37.15	ng/uL	99
45) 1,4-Dinitrobenzene	4.646	168	89626	37.74	ng/uL	95
46) Dimethylphthalate	4.669	163	651237	33.23	ng/uL	90
47) 1,3-Dinitrobenzene	4.710	168	101711	33.57	ng/uL	98
48) 2,6-Dinitrotoluene	4.722	165	153938	34.41	ng/uL	96
49) 1,2-Dinitrobenzene	4.775	168	68635	33.00	ng/uL	98
50) Acenaphthylene	4.816	152	880385	30.14	ng/uL	99
51) 3-Nitroaniline	4.863	92	159756	23.46	ng/uL	98
52) 2,4-Dinitrophenol	4.934	184	41696	35.74	ng/uL	96
53) Acenaphthene	4.940	153	582035	30.79	ng/uL	100
54) 4-Nitrophenol	4.981	65	163404	37.29	ng/uL	97
55) 2,4-Dinitrotoluene	5.028	165	189868	34.67	ng/uL	99
56) Dibenzofuran	5.063	168	786292	31.62	ng/uL	99
57) 2,3,5,6-Tetrachlorophenol	5.128	232	116309	29.55	ng/uL	99
58) 2,3,4,6-Tetrachlorophenol	5.157	232	124981	28.68	ng/uL	99
59) Diethylphthalate	5.193	149	679003	34.05	ng/uL	97
60) 4-Chlorophenyl phenyl ...	5.310	204	273673	30.33	ng/uL	95
61) 4-Nitroaniline	5.334	138	123108	23.20	ng/uL	93
62) Fluorene	5.334	166	639410	31.93	ng/uL	98
63) 4,6-Dinitro-2-methylph...	5.351	198	67384	36.40	ng/uL	90
64) n-Nitrosodiphenylamine	5.398	169	553098	32.95	ng/uL	99
65) Azobenzene	5.440	77	889832	34.02	ng/uL	99
66) 4-Bromophenyl phenyl e...	5.710	248	160716	31.36	ng/uL	96
69) Hexachlorobenzene	5.793	284	175586	30.63	ng/uL	99
70) Pentachlorophenol	5.951	266	79310	27.00	ng/uL	99
71) Phenanthrene	6.128	178	936666	33.59	ng/uL	100
72) Anthracene	6.169	178	915284	32.83	ng/uL	100
73) Carbazole	6.298	167	854499	33.38	ng/uL	100
74) Di-n-butylphthalate	6.563	149	1144906	36.82	ng/uL	100
75) Fluoranthene	7.169	202	928172	33.15	ng/uL	100
78) Pyrene	7.381	202	947544	33.16	ng/uL	100
79) Butylbenzylphthalate	7.992	149	496488	38.84	ng/uL	100
80) Bis(2-ethylhexyl) adipate	8.057	129	466975	41.33	ng/uL	99
81) Bis(2-ethylhexyl)phtha...	8.704	149	701214	38.27	ng/uL	99
83) Benzo[a]anthracene	8.728	228	832114	29.90	ng/uL	100
84) Chrysene	8.781	228	785307	30.78	ng/uL	100
86) Di-n-octylphthalate	9.710	149	1173007	45.56	ng/uL	100
88) Benzo[b]fluoranthene	10.469	252	751679	28.47	ng/uL	100
89) Benzo[k]fluoranthene	10.522	252	769681	29.37	ng/uL	99
90) Benzo[a]pyrene	11.110	252	638877	28.37	ng/uL	99
91) Dibenzo[a,h]anthracene	13.769	278	692438	29.73	ng/uL	97
92) Indeno(1,2,3-cd)pyrene	13.710	276	574459	26.93	ng/uL#	96
93) Benzo[g,h,i]perylene	14.310	276	595709	25.15	ng/uL	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030722\
Data File : SV2815.D
Acq On : 7 Mar 2022 10:43 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-10MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 23:16:56 2022
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030722\
Data File : SV2816.D
Acq On : 7 Mar 2022 11:01 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-10MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 23:16:56 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	3.140	152	284273	40.00	ng/uL	0.01
24) Naphthalene-d8	3.781	136	1138423	40.00	ng/uL	0.01
38) Acenaphthene-d10	4.916	164	576891	40.00	ng/uL	0.00
67) Phenanthrene-d10	6.110	188	966094	40.00	ng/uL	0.00
76) Chrysene-d12	8.745	240	801902	40.00	ng/uL	0.01
87) Perylene-d12	11.233	264	817507	40.00	ng/uL	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	2.604	112	529228	52.66	ng/uL	0.01
Spiked Amount 75.000	Range 10 - 120		Recovery = 70.21%			
6) Phenol-d5	2.951	99	765561	57.22	ng/uL	0.00
Spiked Amount 75.000	Range 39 - 120		Recovery = 76.29%			
10) 2-Chlorophenol-d4	3.046	132	491805	52.21	ng/uL	0.00
Spiked Amount 75.000	Range 30 - 120		Recovery = 69.61%			
14) 1,2-Dichlorobenzene-d4	3.216	150	325244	28.09	ng/uL	0.00
Spiked Amount 75.000	Range 16 - 120		Recovery = 37.45%			
23) Nitrobenzene-d5	3.393	82	464625	35.14	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery = 70.28%			
42) 2-Fluorobiphenyl	4.416	172	683444	35.95	ng/uL	0.00
Spiked Amount 50.000	Range 43 - 120		Recovery = 71.90%			
68) 2,4,6-Tribromophenol	5.534	330	149142	58.45	ng/uL	0.01
Spiked Amount 75.000	Range 27 - 134		Recovery = 77.93%			
85) p-Terphenyl-d14	7.504	244	785838	39.14	ng/uL	0.00
Spiked Amount 50.000	Range 29 - 126		Recovery = 78.28%			
Target Compounds						Qvalue
2) 1,4-Dioxane	2.116	58	50789	14.41	ng/uL	98
3) n-Nitrosodimethylamine	2.187	74	177338	22.24	ng/uL#	82
4) Pyridine	2.216	79	252541	18.90	ng/uL	97
7) Phenol	2.957	94	449817	30.45	ng/uL	95
8) Aniline	2.993	93	433458	14.29	ng/uL#	86
9) Bis(2-chloroethyl)ether	2.993	63	238195	24.09	ng/uL#	43
11) 2-Chlorophenol	3.051	128	288578	29.32	ng/uL	95
12) 1,3-Dichlorobenzene	3.122	146	256780	23.23	ng/uL	99
13) 1,4-Dichlorobenzene	3.146	146	244781	22.12	ng/uL	96
15) Benzyl alcohol	3.187	79	284691	29.79	ng/uL	99
16) 1,2-Dichlorobenzene	3.222	146	250742	23.93	ng/uL	98
17) 2-Methylphenol	3.228	108	312550	30.44	ng/uL	96
18) Bis(2-chloroisopropyl)...	3.234	45	396668	27.91	ng/uL	95
19) 3+4-Methylphenol	3.299	107	359952	32.13	ng/uL	99
20) n-Nitroso-di-n-propyla...	3.299	70	267703	31.18	ng/uL	99
21) Hexachloroethane	3.387	117	120962	27.41	ng/uL	93
22) Nitrobenzene	3.404	123	148204	28.52	ng/uL	98
25) Isophorone	3.516	82	704532	29.27	ng/uL	99
26) 2,4-Dimethylphenol	3.563	107	342232	30.84	ng/uL	98
27) 2-Nitrophenol	3.563	139	146526	34.26	ng/uL	94
28) Benzoic acid	3.599	105	297959	52.50	ng/uL	96
29) Bis(2-chloroethoxy)met...	3.599	93	418002	28.79	ng/uL	98
30) 2,4-dichlorophenol	3.693	162	226184	30.58	ng/uL	99
31) 1,2,4-Trichlorobenzene	3.740	180	209788	24.55	ng/uL	99
32) Naphthalene	3.793	128	854227	27.13	ng/uL#	69
33) 4-Chloroaniline	3.804	65	51346	10.51	ng/uL#	52
34) Hexachlorobutadiene	3.851	225	113183	24.76	ng/uL	100

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030722\
Data File : SV2816.D
Acq On : 7 Mar 2022 11:01 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-10MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

DataAcq Meth:022722.M
Quant Method : C:\msdchem\1\methods\022722.M
Quant Title : GC-MS Semivolatiles SW8270E SOP #506
QLast Update : Sun Mar 06 23:16:56 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-chloro-3-methylphenol	4.069	107	298062	33.57	ng/uL	99
36) 2-Methylnaphthalene	4.198	142	562202	28.46	ng/uL	99
37) 1-Methylnaphthalene	4.263	142	560255	30.71	ng/uL	100
39) Hexachlorocyclopentadiene	4.298	237	99679	25.78	ng/uL	99
40) 2,4,6-Trichlorophenol	4.369	196	154064	30.40	ng/uL	97
41) 2,4,5-Trichlorophenol	4.404	196	159744	31.09	ng/uL	99
43) 2-Chloronaphthalene	4.522	162	502739	30.28	ng/uL	100
44) 2-Nitroaniline	4.575	138	187043	35.78	ng/uL	98
45) 1,4-Dinitrobenzene	4.651	168	80992	36.20	ng/uL	93
46) Dimethylphthalate	4.675	163	595739	32.06	ng/uL	88
47) 1,3-Dinitrobenzene	4.710	168	92824	32.43	ng/uL	98
48) 2,6-Dinitrotoluene	4.728	165	141136	33.34	ng/uL	97
49) 1,2-Dinitrobenzene	4.781	168	62031	31.56	ng/uL	97
50) Acenaphthylene	4.816	152	810394	29.26	ng/uL	100
51) 3-Nitroaniline	4.869	92	143191	22.24	ng/uL	97
52) 2,4-Dinitrophenol	4.940	184	34444	32.49	ng/uL	97
53) Acenaphthene	4.945	153	531450	29.65	ng/uL	100
54) 4-Nitrophenol	4.987	65	148401	35.88	ng/uL	97
55) 2,4-Dinitrotoluene	5.034	165	171225	33.12	ng/uL	97
56) Dibenzofuran	5.069	168	710376	30.13	ng/uL	99
57) 2,3,5,6-Tetrachlorophenol	5.128	232	105654	28.42	ng/uL	100
58) 2,3,4,6-Tetrachlorophenol	5.163	232	115525	28.00	ng/uL	100
59) Diethylphthalate	5.198	149	615886	32.57	ng/uL	97
60) 4-Chlorophenyl phenyl ...	5.310	204	249065	29.11	ng/uL	95
61) 4-Nitroaniline	5.340	138	119990	23.80	ng/uL	93
62) Fluorene	5.334	166	585155	30.82	ng/uL	98
63) 4,6-Dinitro-2-methylph...	5.357	198	59403	34.43	ng/uL	89
64) n-Nitrosodiphenylamine	5.404	169	503295	31.62	ng/uL	98
65) Azobenzene	5.440	77	799306	32.23	ng/uL	99
66) 4-Bromophenyl phenyl e...	5.710	248	144743	29.79	ng/uL	95
69) Hexachlorobenzene	5.798	284	157942	29.24	ng/uL	99
70) Pentachlorophenol	5.951	266	72018	26.16	ng/uL	99
71) Phenanthrene	6.128	178	847746	32.26	ng/uL	100
72) Anthracene	6.175	178	842500	32.06	ng/uL	100
73) Carbazole	6.298	167	778351	32.26	ng/uL	100
74) Di-n-butylphthalate	6.563	149	1043041	35.60	ng/uL	100
75) Fluoranthene	7.169	202	845759	32.06	ng/uL	100
78) Pyrene	7.381	202	853201	32.11	ng/uL	100
79) Butylbenzylphthalate	7.992	149	445499	37.67	ng/uL	100
80) Bis(2-ethylhexyl) adipate	8.063	129	422233	40.36	ng/uL	99
81) Bis(2-ethylhexyl)phtha...	8.704	149	642163	37.77	ng/uL	99
83) Benzo[a]anthracene	8.728	228	752756	29.10	ng/uL	100
84) Chrysene	8.781	228	708564	29.87	ng/uL	100
86) Di-n-octylphthalate	9.710	149	1058706	44.47	ng/uL	99
88) Benzo[b]fluoranthene	10.469	252	677533	27.44	ng/uL	99
89) Benzo[k]fluoranthene	10.522	252	691697	28.16	ng/uL	100
90) Benzo[a]pyrene	11.116	252	573762	27.26	ng/uL	99
91) Dibenzo[a,h]anthracene	13.768	278	646803	29.63	ng/uL	93
92) Indeno(1,2,3-cd)pyrene	13.710	276	527120	26.42	ng/uL#	95
93) Benzo[g,h,i]perylene	14.304	276	540683	24.39	ng/uL	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2022\030722\
Data File : SV2816.D
Acq On : 7 Mar 2022 11:01 pm
Operator : TK HPSV4 sn #: CV11451177
Sample : 2202436-10MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

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Quant Title : GC-MS Semivolatiles SW8270E SOP #506
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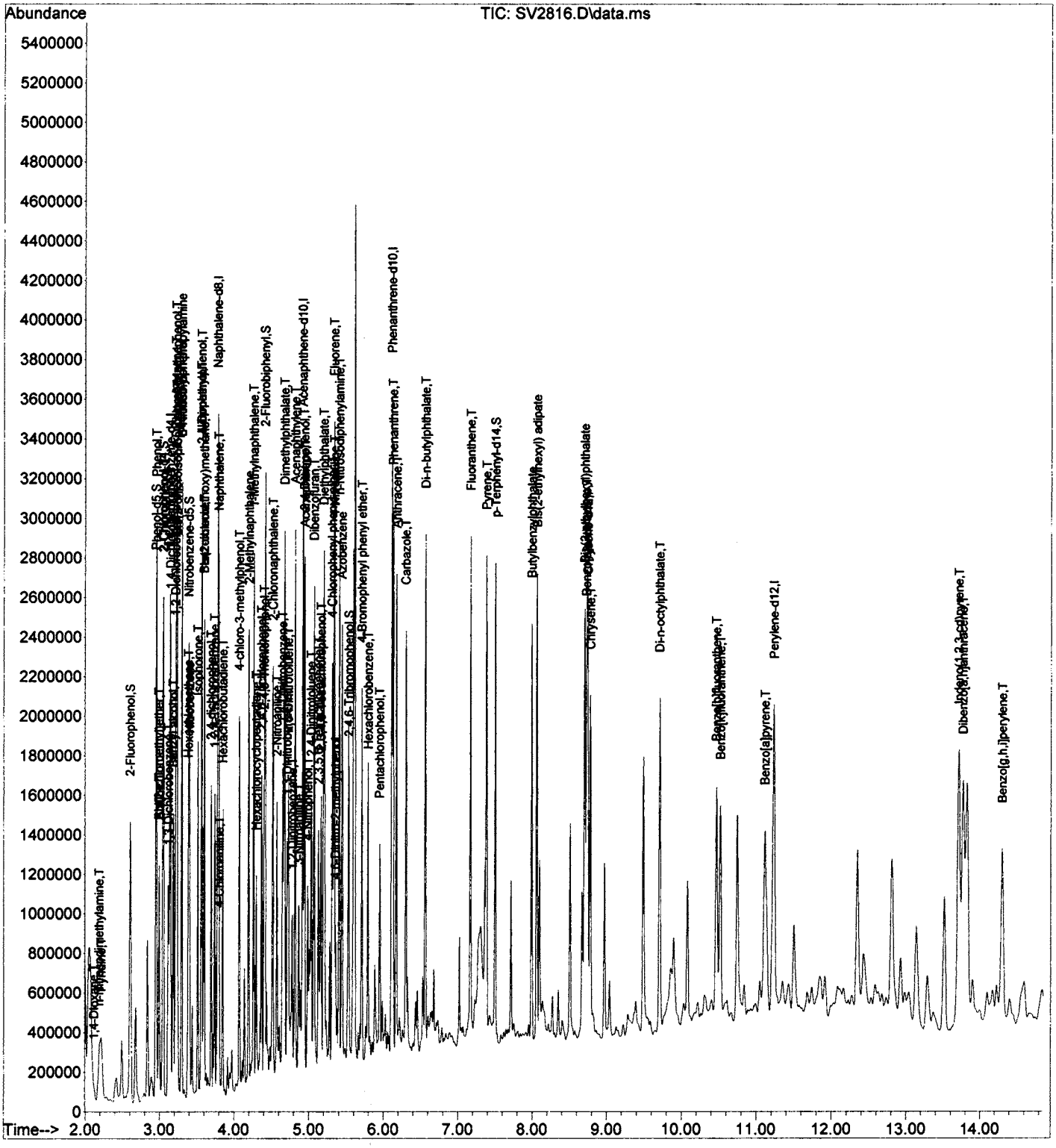

Miscellaneous

SEMIVOLATILES EXTRACTION WORKSHEET

497564

WO #s 2202436 Matrix Soil Batch ID EX220302-1 Sur Code ST220209-2 MSpike Code ST220131-5 Balance ID 3 Extr SOP/Rev ~~617.5~~ 6210

EXTRACTION METHOD	Steam Bath: 70 °C Proper N-Evap Station flow settings used? (Y)		TEST METHOD - 8720	
(3520C) CLE (3510)SEP (3540)SOX (3580A) Waste Dilution (3546) Microwave extraction (form 609r17.doc)	Extraction Start: Date/Time: 03/02/22 1300 Extraction Stop: Date/Time: 03/02/22 1400 Initials JE	LOTS: $MeCl_2$ EC480 H_2SO_4 NA NaOH NA Acetone: NA Na_2SO_4 288713 Florisil NA Silica Gel NA	SIMPAH PAH (Full) 1,4-D 625.1	Reviewed By CC Date: 3/3/22 Each page is copied as completed and included with the work order/run documentation; reviewed subsequently

Sample No. JE 03/22	Amount (g/mL)	Initial pH	pH (≤2)	pH (11-13)	Surrogate (mL)	Matrix Spike (mL)	Sur / Matrix Spike Witnessed	Date KD (Initial)	Final Volume (mL)	Date Vialed	Comments
WSMB	15.00	NA			1.0	NA	CC	03/2/22	1.0	03/2/22	
2202436-1	15.21							JE 03/22	1.0		
-2	15.02								5.0		
-3	15.17								5.0		
-4	15.36								5.0		
~~-5~~	~~15.07~~										Reprep sample
~~-6~~	~~15.19~~										↓
-7	15.42								5.0		
-8	15.51								5.0		
-9	15.70								1.0		
-11	15.12								1.0		
-12	15.24								5.0		
13	15.29								1.0		
-14	15.16								1.0		
-15	15.54								5.0		
-16	15.51								5.0		
-1MS	15.12					1.0			1.0		
-1MSD	15.40								1.0		
SLCS	15.00								1.0		

SEMIVOLATILES EXTRACTION WORKSHEET

497566

WO #s 2202436 Matrix Se Batch ID EX220303-2 Sur Code ST220209-2 MSpike Code ST220303-1 Balance ID 3 Extr SOP/Rev S20/0

EXTRACTION METHOD
(3520C) CLE (3510)SEP
(3540)SOX
(3580A) Waste Dilution
(3546) Microwave extraction
(form 609r17.doc)

Steam Bath: 70 °C Proper N-Evap Station flow settings used? (Y)

Extraction Start: Date/Time: 03/03/22 ~~1720~~ 1520
Extraction Stop: Date/Time: 03/03/22 1620
Initials

LOTS:
$MeCl_2$ EC480 H_2SO_4 NA
NaOH NA Acetone: NA
Na_2SO_4 288713 Florisil NA
Silica Gel NA

TEST METHOD - 8720
SIMPAH
PAH
(Full)
1,4-D
625.1

Reviewed By CC
Date: 3/4/22
Each page is copied as completed and included with the work order/run documentation; reviewed subsequently

Sample No.	Amount (g/mL)	Initial pH	pH (≤2)	pH (11-13)	Surrogate (mL)	Matrix Spike (mL)	Sur / Matrix Spike Witnessed	Date KD (Initial)	Final Volume (mL)	Date Vialed	Comments
SMB	15.00				1.0	NA	CC / ~~JE~~	03/4/22	1.0	03/4/22	
2202436-5	5.50								5.0		Issues filtering samples
-6	5.35								↓		for KD ↓
-10	5.29					↓			1.0		
-10MS	5.54					1.0					
-10MSD	5.76					↓					
-17	5.49					NA					
-18	5.07										
-19	5.41										
-20	5.09										
-21	5.64										
-22	5.23										
-23	5.26										
-24	5.54										
-25	5.56										
-26	5.71										
-27	5.28										
-28	5.67										
-29	5.13										
-30	5.34										
-31	5.36								↓		
-32	5.26								5.0		
-33	5.14					↓			1.0		
SLCS	15.00				↓	1.0	↓	↓	↓	↓	
N/A										→	

Percent Moisture

Method SOP642 Revision 10

Lab Name: ALS -- Fort Collins

Balance ID: 50

Date Extracted: 03/03/2022 **Oven ID:** 17 **Validated By:** jpe

Date Analyzed: 03/07/2022 **In Oven:** 3/3/2022 16:00 **Validation Date:** 03/07/2022

Analyst: Kaylee R. Luck **Out of Oven:** 3/7/2022 9:00 **Validation Time:** 10:16:39 AM

Run ID	Prep Batch ID	QC Batch ID	Lab ID	QC Type	Dish Wt	Wet Wt	Dry Wt	Dry Wt-Dish Wt	Percent Moisture	Percent Solids	RPD
EX220303-10A	EX220303-10	EX220303-10-1	2202436-1	DUP	1.2381	10.253	9.697	8.46	17.5	82.5	4
EX220303-10A	EX220303-10	EX220303-10-1	2202436-1	SMP	1.2508	10.253	9.784	8.53	16.8	83.2	
EX220303-10A	EX220303-10	EX220303-10-1	2202436-2	SMP	1.2358	10.787	9.933	8.70	19.4	80.6	
EX220303-10A	EX220303-10	EX220303-10-1	2202436-3	SMP	1.2466	10.219	9.242	8.00	21.8	78.2	
EX220303-10A	EX220303-10	EX220303-10-1	2202436-4	SMP	1.2344	10.536	9.553	8.32	21.0	79.0	
EX220303-10A	EX220303-10	EX220303-10-1	2202436-5	SMP	1.236	10.025	10.38	9.14	8.8	91.2	
EX220303-10A	EX220303-10	EX220303-10-1	2202436-6	SMP	1.237	10.496	10.1	8.86	15.6	84.4	
EX220303-10A	EX220303-10	EX220303-10-1	2202436-7	SMP	1.234	10.458	9.782	8.55	18.3	81.7	
EX220303-10A	EX220303-10	EX220303-10-1	2202436-8	SMP	1.2349	10.318	9.926	8.69	15.8	84.2	
EX220303-10A	EX220303-10	EX220303-10-1	2202436-9	SMP	1.2321	10.839	10.56	9.32	14.0	86.0	
EX220303-10A	EX220303-10	EX220303-10-1	2202436-10	DUP	1.2345	10.156	9.483	8.25	18.8	81.2	0
EX220303-10A	EX220303-10	EX220303-10-1	EX220303-10	MB	1.2385	1.2385	1.239	0.00	100.0	0.0	
EX220303-10A	EX220303-10	EX220303-10-1	2202436-10	SMP	1.2393	10.175	9.5	8.26	18.8	81.2	
EX220303-10A	EX220303-10	EX220303-10-1	2202436-11	SMP	1.2361	10.313	9.955	8.72	15.5	84.5	
EX220303-10A	EX220303-10	EX220303-10-1	2202436-12	SMP	1.2405	10.653	10.86	9.62	9.7	90.3	
EX220303-10A	EX220303-10	EX220303-10-1	2202436-13	SMP	1.2467	10.388	9.869	8.62	17.0	83.0	
EX220303-10A	EX220303-10	EX220303-10-1	2202436-14	SMP	1.238	10.384	10.46	9.22	11.2	88.8	
EX220303-10A	EX220303-10	EX220303-10-1	2202436-15	SMP	1.247	10.805	10.05	8.80	18.5	81.5	
EX220303-10A	EX220303-10	EX220303-10-1	2202436-16	SMP	1.2368	10.442	9.904	8.67	17.0	83.0	
EX220303-10A	EX220303-10	EX220303-10-1	2202436-17	SMP	1.2418	10.072	9.452	8.21	18.5	81.5	
EX220303-10A	EX220303-10	EX220303-10-1	2202436-18	SMP	1.2439	10.398	10.55	9.31	10.5	89.5	
EX220303-10A	EX220303-10	EX220303-10-1	2202436-19	SMP	1.2448	10.11	8.573	7.33	27.5	72.5	
EX220303-10A	EX220303-10	EX220303-10-1	2202436-20	SMP	1.2458	10.207	10.08	8.84	13.4	86.6	
ex220303-11a	EX220303-11	EX220303-11-1	EX220303-11	MB	1.242	1.242	1.242	0.00	100.0	0.0	
ex220303-11a	EX220303-11	EX220303-11-1	2202436-21	SMP	1.233	10.548	9.224	7.99	24.2	75.8	
ex220303-11a	EX220303-11	EX220303-11-1	2202436-22	SMP	1.241	10.206	8.573	7.33	28.2	71.8	
ex220303-11a	EX220303-11	EX220303-11-1	2202436-23	DUP	1.241	10.125	9.05	7.81	22.9	77.1	7
ex220303-11a	EX220303-11	EX220303-11-1	2202436-23	SMP	1.24	10.142	8.883	7.64	24.6	75.4	
ex220303-11a	EX220303-11	EX220303-11-1	2202436-24	SMP	1.246	10.103	7.403	6.16	39.1	60.9	
ex220303-11a	EX220303-11	EX220303-11-1	2202436-25	SMP	1.247	10.33	7.273	6.03	41.7	58.3	
ex220303-11a	EX220303-11	EX220303-11-1	2202436-26	SMP	1.251	10.455	6.109	4.86	53.5	46.5	
ex220303-11a	EX220303-11	EX220303-11-1	2202436-27	SMP	1.243	10.421	7.223	5.98	42.6	57.4	
ex220303-11a	EX220303-11	EX220303-11-1	2202436-28	SMP	1.233	10.002	7.489	6.26	37.5	62.5	
ex220303-11a	EX220303-11	EX220303-11-1	2202436-29	SMP	1.228	10.235	9.836	8.61	15.9	84.1	
ex220303-11a	EX220303-11	EX220303-11-1	2202436-30	DUP	1.241	10.812	9.578	8.34	22.9	77.1	4

Percent Moisture

Method SOP642 Revision 10

Lab Name: ALS -- Fort Collins

Date Extracted: 03/03/2022
Date Analyzed: 03/07/2022
Analyst: Kaylee R. Luck

Balance ID: 50
Oven ID: 17
In Oven: 3/3/2022 16:00
Out of Oven: 3/7/2022 9:00

Validated By: jpe
Validation Date: 03/07/2022
Validation Time: 10:26:56 AM

Run ID	Prep Batch ID	QC Batch ID	Lab ID	QC Type	Dish Wt	Wet Wt	Dry Wt	Dry Wt-Dish Wt	Percent Moisture	Percent Solids	RPD
ex220303-11a	EX220303-11	EX220303-11-1	2202436-30	SMP	1.24	10.841	9.69	8.45	22.1	77.9	
ex220303-11a	EX220303-11	EX220303-11-1	2202436-31	SMP	1.245	10.113	8.458	7.21	28.7	71.3	
ex220303-11a	EX220303-11	EX220303-11-1	2202436-32	SMP	1.241	10.166	10.61	9.37	7.8	92.2	
ex220303-11a	EX220303-11	EX220303-11-1	2202436-33	SMP	1.247	10.579	10.12	8.87	16.2	83.8	

QC Types

CAR	Carrier reference sample	DLS	Detection Limit Standard
DUP	Laboratory Duplicate	LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate	LODV	Limit of Detection Verification
LOQV	Limit of Quantitation Verification	MB	Method Blank
MS	Laboratory Matrix Spike	MSD	Laboratory Matrix Spike Duplicate
REP	Sample replicate	RVS	Reporting Level Verification Standar
SMP	Field Sample	SYS	Sample Yield Spike

Comments:

DUP = Sample Duplicate
Wet Wt = Sample Wet Wt - Dish Wt
Dry Wt = Sample Dry Wt + Dish Wt
Dry Wt - Dish Wt = Sample Dry Wt - Dish Wt
All weight values shown above are expressed in grams.

$$RPD = \frac{|\text{Sample Value - Duplicate Value}|}{(\text{Sample Value + Duplicate Value})/2} \times 100$$

$$\%\ \text{Solids} = \frac{\text{Dry Weight}}{\text{Wet Weight}} \times 100$$

$$\%\ \text{Moisture} = \frac{(\text{Wet Weight - Dry Weight})}{\text{Wet Weight}} \times 100$$

TETRA TECH

April 22, 2022

Mr. Ryan Dunham
Site Assessment Manager
U.S. Environmental Protection Agency, Region
8 Superfund and Emergency Management
Division 1595 Wynkoop Street
Denver, CO 80202

Subject: **Data Validation Report**
Bauer Tailings Site Reassessment
EPA Contract No.: 68HE0820D0001
Task Order/Technical Direction No.: 2083-2112-03
Document Tracking No. 0600e

Dear Mr. Dunham:

Tetra Tech, Inc. (Tetra Tech) is submitting this data validation report for 33 soil samples (including three field duplicate samples) collected for the Bauer Tailings Site Reassessment project. The samples were collected on February 22, 2022 and were analyzed for semi-volatile organic compounds (SVOCs) by ALS-Fort Collins. The final laboratory data package was received on March 15, 2022.

Analytical data were evaluated in general accordance with the Tetra Tech *Programmatic Quality Assurance Project Plan for Emergency Response and Site Assessment Task Orders* and the EPA *NFG for Organic Superfund Methods Data Review* (November 2020).

No rejection of results was required for this data package. The results may be used as qualified based on the findings of this validation effort.

If you have any questions regarding this data validation report, please call me at (609)-827-7168

Sincerely,

Maura McAleese

Environmental Chemist

Enclosure
cc: Didi Fung, Tetra Tech Program Manager
Kathleen Knox, Tetra Tech Project Manager
Clayton Longest, Tetra Tech Project Document Control Coordinator
TO/TD File

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ATTACHMENT

DATA VALIDATION REPORT
ALS LABORATORIES REPORT NO. 2202436

DATA VALIDATION CHECKLIST – STAGE 2A
EPA REGION 8 START CONTRACT

Site Name	Bauer Tailings Site Reassessment	**TO/TD No.**	2083-2112-03
Document Tracking No.	0600e		
Data Reviewer (signature and date)	4/20/2022	**Technical Reviewer (signature and date)**	04/20/2022
Laboratory Report No.	2202436	**Laboratory**	ALS - Fort Collins, CO
Analyses	SVOCs by SW-846 8270E		
Samples and Matrix	33 soil samples, including three field duplicates		
Collection Date(s)	February 22, 2022		
Field Duplicate Pairs	BT-P2-AOI-04-01 and BT-P2-AOI-04-01-DUP BT-P2-AOI-03-04 and BT-P2-AOI-03-04-DUP BT-P2-AOI-09-06 and BT-P2-AOI-09-06-DUP		
Field QC Blanks	None		

INTRODUCTION

This checklist summarizes the Stage 2A validation performed on the subject laboratory report, in accordance with the U.S. Environmental Protection Agency (EPA) *Guidance for Labeling Externally Validated Laboratory Analytical Data for Superfund Use* (January 2009). Analytical data were evaluated in general accordance with the Tetra Tech *Programmatic Quality Assurance Project Plan for Emergency Response and Site Assessment Task Orders, Superfund Technical Assessment and Response Team (START V), EPA Region 8, Revision 4* (May 2021), and the EPA *National Functional Guidelines (NFG) for Organic Superfund Methods Data Review* (November 2020).

OVERALL EVALUATION

No rejection of results was required for this data set. The results may be used as qualified based on the findings of this validation effort.

Data completeness:

Within Criteria	Exceedance/Notes
Y	

Sample preservation, receipt, and holding times:

Within Criteria	Exceedance/Notes
Y	

Method blanks:

Within Criteria	Exceedance/Notes
N	Ex220302-1MB: The blank result of 230 ug/Kg for bis(2-ethylhexyl)phthalate was above the method detection limit (MDL) but below the reporting limit (RL). The results for bis(2-ethylhexyl)phthalate) in samples BT-P2-AOI-02-01, BT-P2-AOI-09-01, BT-P2-AOI-09-08, BT-P2-AOI-09-09 and BT-PS-AOI-09-10 are between the MDL and the RL; therefore, the results were raised to the RL and qualified as non-detect (flagged U). Ex220303-1MB: The blank result of 200 ug/Kg for bis(2-ethylhexyl)phthalate was above the method detection limit (MDL) but below the reporting limit (RL). The result for bis(2-ethylhexyl)phthalate in sample BT-P2-AOI-09-07 was between the MDL and RL; therefore, the result was raised to the RL and qualified as non-detect (flagged U).

Field blanks:

Within Criteria	Exceedance/Notes
NA	

Surrogates and labeled compounds:

Within Criteria	Exceedance/Notes
N	BT-P2-AOI-02-01, BT-P2-AOI-03-06, and BT-P2-AOI-03-07: The surrogate recoveries for 2,4,6-tribromophenol, 2-fluorobiphenyl, 2-fluorophenol and terphenyl-d14 were below the lower control limits. The results for all analytes were qualified as estimated (flagged UJ). BT-P2-AOI-03-03: The surrogate recoveries for phenol-d5, 2-fluorophenol and terphenyl-d14 were below lower acceptance limits. The results for all analytes were qualified as estimated (flagged UJ).

	BT-P2-AOI-09-09: The surrogate recoveries for 2-fluorophenol, 2-fluorobiphenyl and terphenyl-d14 were below lower acceptance limits. The results for all analytes were qualified as estimated (flagged J-/UJ).

MS/MSDs:

Within Criteria	Exceedance/Notes
N	BT-P2-AOI-02-01: • The matrix spike and matrix spike duplicate (MS/MSD) recoveries are below the lower acceptance limits for all compounds except for pyridine, phenol, 2-chlorophenol, n-nitroso-di-n-propylamine, benzoic acid, 4-chloro-3-methylphenol, acenaphthene, 2,4-dinitrophenol, 4-nitrophenol, pentachlorophenol and pyrene. All other results are non-detect in the parent sample for these analytes and have been qualified as estimated (flagged UJ). • The MS/MSD also had RPD exceedances for hexachlorocyclopentadiene, pentachlorophenol and 3,3'-dichlorobenzidine. No qualifications were applied for the RPD exceedances because the parent sample results are non-detect. BT-P2-AOI-09-07: • The matrix spike and matrix spike duplicate (MS/MSD) recoveries are below the lower acceptance limits for 1,3-dichlorobenzene, 1,4-dichlorobenzene, 3,3'-dichlorobenzidine, 3-nitroaniline, 4-chloroaniline, 4-nitroaniline, aniline, and hexachlorobutadiene. The associated results are non-detect in the parent sample and have been qualified as estimated (flagged UJ). • The MSD also had low recoveries for 1,2-dichlorobenzene and 1,2,4-trichlorobenzene, and the average recovery between the MS/MSD is within acceptance limit; therefore, no qualifications were applied to these results. • The MS/MSD had an RPD exceedance for pyridine. No qualifications were applied to pyridine because the parent sample result is non-detect.

Laboratory duplicates:

Within Criteria	
NA	

Field duplicates:

Within Criteria	Exceedance/Notes
N	BT-P2-AOI-09-06 DUP and BT-P2-AOI-09-06 were not prepared and analyzed at the same dilution factor, causing differences in the reporting limits for field duplicate results for these samples. The RPDs for analytes that were detected in both the sample and field duplicate were within QC limits. There were several analytes that were detected at concentrations less than the RL in the field duplicate that were not detected in the sample. 2-Methylnaphthalene was detected at a concentration greater than the RL in the field duplicate and was not detected in the sample; however, the difference between the RL for the sample and the detected result in the field duplicate was less than the RL for the field duplicate, so no qualifications were applied. All other duplicate pairs were within acceptance criteria.

LCSs/LCSDs:

Within Criteria	Exceedance/Notes
N	Ex220302-1LCS: The following analytes recovered below the lower control limits for the LCS: 1,2,4-trichlorobenzene, 1,2-dichlorobenzene, 1,3-dichlorobenzene, 1,4-dichlorobenzene, 1-methylnaphthalene, 2,4,6-trichlorophenol, 2,4-dinitrophenol, 2,6-dinitrotoluene, 2-chloronaphthalene, 2-methylnaphthalene, 3,3'-dichlorobenzidine, 4,6-dinitro-2-methylphenol, 4-chloroaniline, 4-chlorophenyl phenyl ether, acenaphthylene, benzo(a)anthracene, chrysene, dibenzofuran, diethyl phthalate, dimethyl phthalate, fluorene, hexachlorobutadiene, naphthalene, and n-nitrosodiphenylamine,. All recoveries are within 10-20% of the lower control limits; therefore, the results for samples BT-P2-AOI-02-01, BT-P2-AOI-03-01, BT-P2-AOI-03-02, BT-P2-AOI-03-03, BT-P2-AOI-03-06, BT-P2-AOI-03-07, BT-P2-AOI-09-01, BT-P2-AOI-09-02, BT-P2-AOI-09-03, BT-P2-AOI-09-04, BT-P2-AOI-09-08, BT-P2-AOI-09-09, and BT-PS-AOI-09-10 have been qualified as estimated (flagged UJ/J-). . Ex220303-2LCS: The di-n-octyl phthalate recovery was above upper control limits for the LCS. The associated sample results are non-detect; therefore, no qualifications were applied for this. The following analytes recovered below the lower control limits for the LCS: 3,3'-dichlorobenzidine and 4-chloroaniline. All recoveries are within 10-20% of the lower control limits and sample results are non-detect; therefore, the results for samples BT-P2-AOI-03-04, BT-P2-AOI-03-04-DUP, BT-P2-AOI-03-05, BT-P2-AOI-04-01, BT-P2-AOI-04-01-DUP, BT-P2-AOI-05-01, BT-P2-AOI-06-01, BT-P2-AOI-06-02, BT-P2-AOI-06-03, BT-P2-AOI-06-04, BT-P2-AOI-06-05, BT-P2-AOI-06-06, BT-P2-AOI-07-01, BT-P2-AOI-07-02, BT-P2-AOI-08-01, BT-P2-AOI-08-02, BT-P2-AOI-09-05, BT-P2-AOI-09-06, BT-P2-AOI-09-06-DUP, and BT-P2-AOI-09-07 have been qualified as estimated (flagged UJ).

Sample dilutions:

Within Criteria	Exceedance/Notes
Y	The following preparation and analytical dilutions were performed. BT-P2-AOI-03-01, BT-P2-AOI-03-02, BT-P2-AOI-03-03, BT-P2-AOI-03-06, BT-P2-AOI-03-07, BT-P2-AOI-09-02, BT-P2-AOI-09-04, and BT-P2-AOI-09-03 were prepared at a 5-fold dilution for all target compounds. BT-P2-AOI-03-04, BT-P2-AOI-03-04 DUP and BT-P2-AOI-03-05 were prepared at a 15-fold dilution and analyzed at a 2-fold dilution for all target compounds. BT-P2-AOI-09-07, BT-P2-AOI-09-07, BT-P2-AOI-09-06, BT-P2-AOI-09-05, BT-P2-AOI-08-02, BT-P2-AOI-08-01, BT-P2-AOI-07-02, BT-P2-AOI-05-01, BT-P2-AOI-04-01, BT-P2-AOI-06-01, BT-P2-AOI-06-03, BT-P2-AOI-06-04, BT-P2-AOI-06-05, BT-P2-AOI-06-06, BT-P2-AOI-07-01, BT-P2-AOI-06-02, and BT-P2-AOI-04-01 DUP were prepared at a 3-fold dilution factor for all target compounds. BT-P2-AOI-09-06 DUP was prepared at a 3-fold dilution and analyzed at a 2-fold dilution for all target compounds.

Re-extraction and reanalysis:

Within Criteria	Exceedance/Notes
NA	

MDLs/RLs:

Within Criteria	Exceedance/Notes
Y	Elevated RLs were reported due to sample dilutions for physical matrix interferences during both sample preparation and sample analysis. Non-detected results were flagged “U” at the RL by the laboratory. Results between the MDL and RL were reported as estimated and flagged “J” by laboratory. MDLs and RL can be found in the attached data table and EDD.

Tentatively identified compounds:

Within Criteria	Exceedance/Notes
NA	

Other [none]:

Within Criteria	
NA	

Overall Qualifications:

See results summary pages attached for changes to the laboratory qualifiers based upon this validation. The following is a list of qualifiers and definitions that may be used for the validation of this data package:

J	The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample.
J+	The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample and may be biased high.
J-	The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample and may be biased low.
NJ	The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated value is the approximate concentration of the analyte in the sample.
R	The sample result is rejected as unusable due to serious deficiencies in one or more quality control criteria. The analyte may or may not be present in the sample.
U	The analyte was analyzed for, but was not detected at or above the associated value (reporting limit).
UJ	The analyte was analyzed for, but was not detected at or above the associated value (reporting limit), which is considered approximate due to deficiencies in one or more quality control criteria.

BAUER TAILINGS SITE REASSESSMENT SOIL ANALYTICAL RESULTS SUMMARY
ALS FORT COLLINS REPORT NO. 2202436

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-02-01	SW8270	1,2,4-TRICHLOROBENZENE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	1,2-DICHLOROBENZENE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	1,3-DICHLOROBENZENE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	1,4-DICHLOROBENZENE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	1-METHYLNAPHTHALENE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	2,3,4,6-TETRACHLOROPHENOL	190	U	190	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	2,4,5-TRICHLOROPHENOL	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	2,4,6-TRICHLOROPHENOL	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	2,4-DICHLOROPHENOL	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	2,4-DIMETHYLPHENOL	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	2,4-DINITROPHENOL	470	U	470	1600	UG/KG	1600	UJ
BT-P2-AOI-02-01	SW8270	2,4-DINITROTOLUENE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	2,6-DINITROTOLUENE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	2-CHLORONAPHTHALENE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	2-CHLOROPHENOL	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	2-METHYLNAPHTHALENE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	2-METHYLPHENOL	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	2-NITROANILINE	120	U	120	1600	UG/KG	1600	UJ
BT-P2-AOI-02-01	SW8270	2-NITROPHENOL	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	3,3'-DICHLOROBENZIDINE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	3+4-METHYLPHENOL	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	3-NITROANILINE	120	U	120	1600	UG/KG	1600	UJ
BT-P2-AOI-02-01	SW8270	4,6-DINITRO-2-METHYLPHENOL	710	U	710	3200	UG/KG	3200	UJ
BT-P2-AOI-02-01	SW8270	4-BROMOPHENYL PHENYL ETHER	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	4-CHLORO-3-METHYLPHENOL	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	4-CHLOROANILINE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	4-CHLOROPHENYL PHENYL ETHER	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	4-NITROANILINE	120	U	120	1600	UG/KG	1600	UJ
BT-P2-AOI-02-01	SW8270	4-NITROPHENOL	120	U	120	1600	UG/KG	1600	UJ
BT-P2-AOI-02-01	SW8270	ACENAPHTHENE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	ACENAPHTHYLENE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	ANILINE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	ANTHRACENE	120	U	120	790	UG/KG	790	UJ

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-02-01	SW8270	AZOBENZENE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	BENZO(A)ANTHRACENE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	BENZO(A)PYRENE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	BENZO(B)FLUORANTHENE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	BENZO(G,H,I)PERYLENE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	BENZO(K)FLUORANTHENE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	BENZOIC ACID	830	U	830	3900	UG/KG	3900	UJ
BT-P2-AOI-02-01	SW8270	BENZYL ALCOHOL	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	BIS(2-CHLOROETHOXY)METHANE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	BIS(2-CHLOROETHYL)ETHER	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	BIS(2-CHLOROISOPROPYL)ETHER	140	U	140	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	BIS(2-ETHYLHEXYL)PHTHALATE	250	JB	120	1200	UG/KG	1200	UJ
BT-P2-AOI-02-01	SW8270	BUTYL BENZYL PHTHALATE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	CARBAZOLE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	CHRYSENE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	DIBENZO(A,H)ANTHRACENE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	DIBENZOFURAN	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	DIETHYL PHTHALATE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	DIMETHYL PHTHALATE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	DI-N-BUTYL PHTHALATE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	DI-N-OCTYL PHTHALATE	120	U	120	1200	UG/KG	1200	UJ
BT-P2-AOI-02-01	SW8270	FLUORANTHENE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	FLUORENE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	HEXACHLOROBENZENE	170	U	170	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	HEXACHLOROBUTADIENE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	HEXACHLOROCYCLOPENTADIENE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	HEXACHLOROETHANE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	INDENO(1,2,3-CD)PYRENE	170	U	170	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	ISOPHORONE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	NAPHTHALENE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	NITROBENZENE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	N-NITROSODIMETHYLAMINE	170	U	170	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	N-NITROSO-DI-N-PROPYLAMINE	120	U	120	790	UG/KG	790	UJ

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-02-01	SW8270	N-NITROSODIPHENYLAMINE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	PENTACHLOROPHENOL	120	U	120	3200	UG/KG	3200	UJ
BT-P2-AOI-02-01	SW8270	PHENANTHRENE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	PHENOL	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	PYRENE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-02-01	SW8270	PYRIDINE	470	U	470	2400	UG/KG	2400	UJ
BT-P2-AOI-03-01	SW8270	1,2,4-TRICHLOROBENZENE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-01	SW8270	1,2-DICHLOROBENZENE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-01	SW8270	1,3-DICHLOROBENZENE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-01	SW8270	1,4-DICHLOROBENZENE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-01	SW8270	1-METHYLNAPHTHALENE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-01	SW8270	2,3,4,6-TETRACHLOROPHENOL	990	U	990	4100	UG/KG	4100	U
BT-P2-AOI-03-01	SW8270	2,4,5-TRICHLOROPHENOL	620	U	620	4100	UG/KG	4100	U
BT-P2-AOI-03-01	SW8270	2,4,6-TRICHLOROPHENOL	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-01	SW8270	2,4-DICHLOROPHENOL	620	U	620	4100	UG/KG	4100	U
BT-P2-AOI-03-01	SW8270	2,4-DIMETHYLPHENOL	620	U	620	4100	UG/KG	4100	U
BT-P2-AOI-03-01	SW8270	2,4-DINITROPHENOL	2500	U	2500	8300	UG/KG	8300	UJ
BT-P2-AOI-03-01	SW8270	2,4-DINITROTOLUENE	620	U	620	4100	UG/KG	4100	U
BT-P2-AOI-03-01	SW8270	2,6-DINITROTOLUENE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-01	SW8270	2-CHLORONAPHTHALENE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-01	SW8270	2-CHLOROPHENOL	620	U	620	4100	UG/KG	4100	U
BT-P2-AOI-03-01	SW8270	2-METHYLNAPHTHALENE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-01	SW8270	2-METHYLPHENOL	620	U	620	4100	UG/KG	4100	U
BT-P2-AOI-03-01	SW8270	2-NITROANILINE	620	U	620	8300	UG/KG	8300	U
BT-P2-AOI-03-01	SW8270	2-NITROPHENOL	620	U	620	4100	UG/KG	4100	U
BT-P2-AOI-03-01	SW8270	3,3'-DICHLOROBENZIDINE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-01	SW8270	3+4-METHYLPHENOL	620	U	620	4100	UG/KG	4100	U
BT-P2-AOI-03-01	SW8270	3-NITROANILINE	620	U	620	8300	UG/KG	8300	U
BT-P2-AOI-03-01	SW8270	4,6-DINITRO-2-METHYLPHENOL	3700	U	3700	17000	UG/KG	17000	UJ
BT-P2-AOI-03-01	SW8270	4-BROMOPHENYL PHENYL ETHER	620	U	620	4100	UG/KG	4100	U
BT-P2-AOI-03-01	SW8270	4-CHLORO-3-METHYLPHENOL	620	U	620	4100	UG/KG	4100	U
BT-P2-AOI-03-01	SW8270	4-CHLOROANILINE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-01	SW8270	4-CHLOROPHENYL PHENYL ETHER	620	U	620	4100	UG/KG	4100	UJ

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-03-01	SW8270	4-NITROANILINE	620	U	620	8300	UG/KG	8300	U
BT-P2-AOI-03-01	SW8270	4-NITROPHENOL	620	U	620	8300	UG/KG	8300	U
BT-P2-AOI-03-01	SW8270	ACENAPHTHENE	620	U	620	4100	UG/KG	4100	U
BT-P2-AOI-03-01	SW8270	ACENAPHTHYLENE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-01	SW8270	ANILINE	620	U	620	4100	UG/KG	4100	U
BT-P2-AOI-03-01	SW8270	ANTHRACENE	620	U	620	4100	UG/KG	4100	U
BT-P2-AOI-03-01	SW8270	AZOBENZENE	620	U	620	4100	UG/KG	4100	U
BT-P2-AOI-03-01	SW8270	BENZO(A)ANTHRACENE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-01	SW8270	BENZO(A)PYRENE	620	U	620	4100	UG/KG	4100	U
BT-P2-AOI-03-01	SW8270	BENZO(B)FLUORANTHENE	620	U	620	4100	UG/KG	4100	U
BT-P2-AOI-03-01	SW8270	BENZO(G,H,I)PERYLENE	620	U	620	4100	UG/KG	4100	U
BT-P2-AOI-03-01	SW8270	BENZO(K)FLUORANTHENE	620	U	620	4100	UG/KG	4100	U
BT-P2-AOI-03-01	SW8270	BENZOIC ACID	4300	U	4300	21000	UG/KG	21000	U
BT-P2-AOI-03-01	SW8270	BENZYL ALCOHOL	620	U	620	4100	UG/KG	4100	U
BT-P2-AOI-03-01	SW8270	BIS(2-CHLOROETHOXY)METHANE	620	U	620	4100	UG/KG	4100	U
BT-P2-AOI-03-01	SW8270	BIS(2-CHLOROETHYL)ETHER	620	U	620	4100	UG/KG	4100	U
BT-P2-AOI-03-01	SW8270	BIS(2-CHLOROISOPROPYL)ETHER	740	U	740	4100	UG/KG	4100	U
BT-P2-AOI-03-01	SW8270	BIS(2-ETHYLHEXYL)PHTHALATE	620	U	620	6200	UG/KG	6200	U
BT-P2-AOI-03-01	SW8270	BUTYL BENZYL PHTHALATE	620	U	620	4100	UG/KG	4100	U
BT-P2-AOI-03-01	SW8270	CARBAZOLE	620	U	620	4100	UG/KG	4100	U
BT-P2-AOI-03-01	SW8270	CHRYSENE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-01	SW8270	DIBENZO(A,H)ANTHRACENE	620	U	620	4100	UG/KG	4100	U
BT-P2-AOI-03-01	SW8270	DIBENZOFURAN	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-01	SW8270	DIETHYL PHTHALATE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-01	SW8270	DIMETHYL PHTHALATE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-01	SW8270	DI-N-BUTYL PHTHALATE	620	U	620	4100	UG/KG	4100	U
BT-P2-AOI-03-01	SW8270	DI-N-OCTYL PHTHALATE	620	U	620	6200	UG/KG	6200	U
BT-P2-AOI-03-01	SW8270	FLUORANTHENE	620	U	620	4100	UG/KG	4100	U
BT-P2-AOI-03-01	SW8270	FLUORENE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-01	SW8270	HEXACHLOROBENZENE	870	U	870	4100	UG/KG	4100	U
BT-P2-AOI-03-01	SW8270	HEXACHLOROBUTADIENE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-01	SW8270	HEXACHLOROCYCLOPENTADIENE	620	U	620	4100	UG/KG	4100	U
BT-P2-AOI-03-01	SW8270	HEXACHLOROETHANE	620	U	620	4100	UG/KG	4100	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-03-01	SW8270	INDENO(1,2,3-CD)PYRENE	870	U	870	4100	UG/KG	4100	U
BT-P2-AOI-03-01	SW8270	ISOPHORONE	620	U	620	4100	UG/KG	4100	U
BT-P2-AOI-03-01	SW8270	NAPHTHALENE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-01	SW8270	NITROBENZENE	620	U	620	4100	UG/KG	4100	U
BT-P2-AOI-03-01	SW8270	N-NITROSODIMETHYLAMINE	870	U	870	4100	UG/KG	4100	U
BT-P2-AOI-03-01	SW8270	N-NITROSO-DI-N-PROPYLAMINE	620	U	620	4100	UG/KG	4100	U
BT-P2-AOI-03-01	SW8270	N-NITROSODIPHENYLAMINE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-01	SW8270	PENTACHLOROPHENOL	620	U	620	17000	UG/KG	17000	U
BT-P2-AOI-03-01	SW8270	PHENANTHRENE	620	U	620	4100	UG/KG	4100	U
BT-P2-AOI-03-01	SW8270	PHENOL	620	U	620	4100	UG/KG	4100	U
BT-P2-AOI-03-01	SW8270	PYRENE	620	U	620	4100	UG/KG	4100	U
BT-P2-AOI-03-01	SW8270	PYRIDINE	2500	U	2500	12000	UG/KG	12000	U
BT-P2-AOI-03-02	SW8270	1,2,4-TRICHLOROBENZENE	630	U	630	4200	UG/KG	4200	UJ
BT-P2-AOI-03-02	SW8270	1,2-DICHLOROBENZENE	630	U	630	4200	UG/KG	4200	UJ
BT-P2-AOI-03-02	SW8270	1,3-DICHLOROBENZENE	630	U	630	4200	UG/KG	4200	UJ
BT-P2-AOI-03-02	SW8270	1,4-DICHLOROBENZENE	630	U	630	4200	UG/KG	4200	UJ
BT-P2-AOI-03-02	SW8270	1-METHYLNAPHTHALENE	630	U	630	4200	UG/KG	4200	UJ
BT-P2-AOI-03-02	SW8270	2,3,4,6-TETRACHLOROPHENOL	1000	U	1000	4200	UG/KG	4200	U
BT-P2-AOI-03-02	SW8270	2,4,5-TRICHLOROPHENOL	630	U	630	4200	UG/KG	4200	U
BT-P2-AOI-03-02	SW8270	2,4,6-TRICHLOROPHENOL	630	U	630	4200	UG/KG	4200	UJ
BT-P2-AOI-03-02	SW8270	2,4-DICHLOROPHENOL	630	U	630	4200	UG/KG	4200	U
BT-P2-AOI-03-02	SW8270	2,4-DIMETHYLPHENOL	630	U	630	4200	UG/KG	4200	U
BT-P2-AOI-03-02	SW8270	2,4-DINITROPHENOL	2500	U	2500	8400	UG/KG	8400	UJ
BT-P2-AOI-03-02	SW8270	2,4-DINITROTOLUENE	630	U	630	4200	UG/KG	4200	U
BT-P2-AOI-03-02	SW8270	2,6-DINITROTOLUENE	630	U	630	4200	UG/KG	4200	UJ
BT-P2-AOI-03-02	SW8270	2-CHLORONAPHTHALENE	630	U	630	4200	UG/KG	4200	UJ
BT-P2-AOI-03-02	SW8270	2-CHLOROPHENOL	630	U	630	4200	UG/KG	4200	U
BT-P2-AOI-03-02	SW8270	2-METHYLNAPHTHALENE	630	U	630	4200	UG/KG	4200	UJ
BT-P2-AOI-03-02	SW8270	2-METHYLPHENOL	630	U	630	4200	UG/KG	4200	U
BT-P2-AOI-03-02	SW8270	2-NITROANILINE	630	U	630	8400	UG/KG	8400	U
BT-P2-AOI-03-02	SW8270	2-NITROPHENOL	630	U	630	4200	UG/KG	4200	U
BT-P2-AOI-03-02	SW8270	3,3'-DICHLOROBENZIDINE	630	U	630	4200	UG/KG	4200	UJ
BT-P2-AOI-03-02	SW8270	3+4-METHYLPHENOL	630	U	630	4200	UG/KG	4200	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-03-02	SW8270	3-NITROANILINE	630	U	630	8400	UG/KG	8400	U
BT-P2-AOI-03-02	SW8270	4,6-DINITRO-2-METHYLPHENOL	3800	U	3800	17000	UG/KG	17000	UJ
BT-P2-AOI-03-02	SW8270	4-BROMOPHENYL PHENYL ETHER	630	U	630	4200	UG/KG	4200	U
BT-P2-AOI-03-02	SW8270	4-CHLORO-3-METHYLPHENOL	630	U	630	4200	UG/KG	4200	U
BT-P2-AOI-03-02	SW8270	4-CHLOROANILINE	630	U	630	4200	UG/KG	4200	UJ
BT-P2-AOI-03-02	SW8270	4-CHLOROPHENYL PHENYL ETHER	630	U	630	4200	UG/KG	4200	UJ
BT-P2-AOI-03-02	SW8270	4-NITROANILINE	630	U	630	8400	UG/KG	8400	U
BT-P2-AOI-03-02	SW8270	4-NITROPHENOL	630	U	630	8400	UG/KG	8400	U
BT-P2-AOI-03-02	SW8270	ACENAPHTHENE	630	U	630	4200	UG/KG	4200	U
BT-P2-AOI-03-02	SW8270	ACENAPHTHYLENE	630	U	630	4200	UG/KG	4200	UJ
BT-P2-AOI-03-02	SW8270	ANILINE	630	U	630	4200	UG/KG	4200	U
BT-P2-AOI-03-02	SW8270	ANTHRACENE	630	U	630	4200	UG/KG	4200	U
BT-P2-AOI-03-02	SW8270	AZOBENZENE	630	U	630	4200	UG/KG	4200	U
BT-P2-AOI-03-02	SW8270	BENZO(A)ANTHRACENE	630	U	630	4200	UG/KG	4200	UJ
BT-P2-AOI-03-02	SW8270	BENZO(A)PYRENE	630	U	630	4200	UG/KG	4200	U
BT-P2-AOI-03-02	SW8270	BENZO(B)FLUORANTHENE	630	U	630	4200	UG/KG	4200	U
BT-P2-AOI-03-02	SW8270	BENZO(G,H,I)PERYLENE	630	U	630	4200	UG/KG	4200	U
BT-P2-AOI-03-02	SW8270	BENZO(K)FLUORANTHENE	630	U	630	4200	UG/KG	4200	U
BT-P2-AOI-03-02	SW8270	BENZOIC ACID	4400	U	4400	21000	UG/KG	21000	U
BT-P2-AOI-03-02	SW8270	BENZYL ALCOHOL	630	U	630	4200	UG/KG	4200	U
BT-P2-AOI-03-02	SW8270	BIS(2-CHLOROETHOXY)METHANE	630	U	630	4200	UG/KG	4200	U
BT-P2-AOI-03-02	SW8270	BIS(2-CHLOROETHYL)ETHER	630	U	630	4200	UG/KG	4200	U
BT-P2-AOI-03-02	SW8270	BIS(2-CHLOROISOPROPYL)ETHER	760	U	760	4200	UG/KG	4200	U
BT-P2-AOI-03-02	SW8270	BIS(2-ETHYLHEXYL)PHTHALATE	630	U	630	6300	UG/KG	6300	U
BT-P2-AOI-03-02	SW8270	BUTYL BENZYL PHTHALATE	630	U	630	4200	UG/KG	4200	U
BT-P2-AOI-03-02	SW8270	CARBAZOLE	630	U	630	4200	UG/KG	4200	U
BT-P2-AOI-03-02	SW8270	CHRYSENE	630	U	630	4200	UG/KG	4200	UJ
BT-P2-AOI-03-02	SW8270	DIBENZO(A,H)ANTHRACENE	630	U	630	4200	UG/KG	4200	U
BT-P2-AOI-03-02	SW8270	DIBENZOFURAN	630	U	630	4200	UG/KG	4200	UJ
BT-P2-AOI-03-02	SW8270	DIETHYL PHTHALATE	630	U	630	4200	UG/KG	4200	UJ
BT-P2-AOI-03-02	SW8270	DIMETHYL PHTHALATE	630	U	630	4200	UG/KG	4200	UJ
BT-P2-AOI-03-02	SW8270	DI-N-BUTYL PHTHALATE	630	U	630	4200	UG/KG	4200	U
BT-P2-AOI-03-02	SW8270	DI-N-OCTYL PHTHALATE	630	U	630	6300	UG/KG	6300	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-03-02	SW8270	FLUORANTHENE	630	U	630	4200	UG/KG	4200	U
BT-P2-AOI-03-02	SW8270	FLUORENE	630	U	630	4200	UG/KG	4200	UJ
BT-P2-AOI-03-02	SW8270	HEXACHLOROBENZENE	880	U	880	4200	UG/KG	4200	U
BT-P2-AOI-03-02	SW8270	HEXACHLOROBUTADIENE	630	U	630	4200	UG/KG	4200	UJ
BT-P2-AOI-03-02	SW8270	HEXACHLOROCYCLOPENTADIENE	630	U	630	4200	UG/KG	4200	U
BT-P2-AOI-03-02	SW8270	HEXACHLOROETHANE	630	U	630	4200	UG/KG	4200	U
BT-P2-AOI-03-02	SW8270	INDENO(1,2,3-CD)PYRENE	880	U	880	4200	UG/KG	4200	U
BT-P2-AOI-03-02	SW8270	ISOPHORONE	630	U	630	4200	UG/KG	4200	U
BT-P2-AOI-03-02	SW8270	NAPHTHALENE	630	U	630	4200	UG/KG	4200	UJ
BT-P2-AOI-03-02	SW8270	NITROBENZENE	630	U	630	4200	UG/KG	4200	U
BT-P2-AOI-03-02	SW8270	N-NITROSODIMETHYLAMINE	880	U	880	4200	UG/KG	4200	U
BT-P2-AOI-03-02	SW8270	N-NITROSO-DI-N-PROPYLAMINE	630	U	630	4200	UG/KG	4200	U
BT-P2-AOI-03-02	SW8270	N-NITROSODIPHENYLAMINE	630	U	630	4200	UG/KG	4200	UJ
BT-P2-AOI-03-02	SW8270	PENTACHLOROPHENOL	630	U	630	17000	UG/KG	17000	U
BT-P2-AOI-03-02	SW8270	PHENANTHRENE	630	U	630	4200	UG/KG	4200	U
BT-P2-AOI-03-02	SW8270	PHENOL	630	U	630	4200	UG/KG	4200	U
BT-P2-AOI-03-02	SW8270	PYRENE	630	U	630	4200	UG/KG	4200	U
BT-P2-AOI-03-02	SW8270	PYRIDINE	2500	U	2500	13000	UG/KG	13000	U
BT-P2-AOI-03-03	SW8270	1,2,4-TRICHLOROBENZENE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	1,2-DICHLOROBENZENE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	1,3-DICHLOROBENZENE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	1,4-DICHLOROBENZENE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	1-METHYLNAPHTHALENE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	2,3,4,6-TETRACHLOROPHENOL	990	U	990	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	2,4,5-TRICHLOROPHENOL	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	2,4,6-TRICHLOROPHENOL	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	2,4-DICHLOROPHENOL	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	2,4-DIMETHYLPHENOL	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	2,4-DINITROPHENOL	2500	U	2500	8200	UG/KG	8200	UJ
BT-P2-AOI-03-03	SW8270	2,4-DINITROTOLUENE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	2,6-DINITROTOLUENE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	2-CHLORONAPHTHALENE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	2-CHLOROPHENOL	620	U	620	4100	UG/KG	4100	UJ

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-03-03	SW8270	2-METHYLNAPHTHALENE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	2-METHYLPHENOL	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	2-NITROANILINE	620	U	620	8200	UG/KG	8200	UJ
BT-P2-AOI-03-03	SW8270	2-NITROPHENOL	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	3,3'-DICHLOROBENZIDINE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	3+4-METHYLPHENOL	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	3-NITROANILINE	620	U	620	8200	UG/KG	8200	UJ
BT-P2-AOI-03-03	SW8270	4,6-DINITRO-2-METHYLPHENOL	3700	U	3700	16000	UG/KG	16000	UJ
BT-P2-AOI-03-03	SW8270	4-BROMOPHENYL PHENYL ETHER	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	4-CHLORO-3-METHYLPHENOL	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	4-CHLOROANILINE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	4-CHLOROPHENYL PHENYL ETHER	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	4-NITROANILINE	620	U	620	8200	UG/KG	8200	UJ
BT-P2-AOI-03-03	SW8270	4-NITROPHENOL	620	U	620	8200	UG/KG	8200	UJ
BT-P2-AOI-03-03	SW8270	ACENAPHTHENE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	ACENAPHTHYLENE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	ANILINE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	ANTHRACENE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	AZOBENZENE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	BENZO(A)ANTHRACENE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	BENZO(A)PYRENE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	BENZO(B)FLUORANTHENE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	BENZO(G,H,I)PERYLENE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	BENZO(K)FLUORANTHENE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	BENZOIC ACID	4300	U	4300	21000	UG/KG	21000	UJ
BT-P2-AOI-03-03	SW8270	BENZYL ALCOHOL	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	BIS(2-CHLOROETHOXY)METHANE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	BIS(2-CHLOROETHYL)ETHER	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	BIS(2-CHLOROISOPROPYL)ETHER	740	U	740	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	BIS(2-ETHYLHEXYL)PHTHALATE	620	U	620	6200	UG/KG	6200	UJ
BT-P2-AOI-03-03	SW8270	BUTYL BENZYL PHTHALATE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	CARBAZOLE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	CHRYSENE	620	U	620	4100	UG/KG	4100	UJ

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-03-03	SW8270	DIBENZO(A,H)ANTHRACENE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	DIBENZOFURAN	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	DIETHYL PHTHALATE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	DIMETHYL PHTHALATE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	DI-N-BUTYL PHTHALATE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	DI-N-OCTYL PHTHALATE	620	U	620	6200	UG/KG	6200	UJ
BT-P2-AOI-03-03	SW8270	FLUORANTHENE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	FLUORENE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	HEXACHLOROBENZENE	870	U	870	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	HEXACHLOROBUTADIENE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	HEXACHLOROCYCLOPENTADIENE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	HEXACHLOROETHANE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	INDENO(1,2,3-CD)PYRENE	870	U	870	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	ISOPHORONE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	NAPHTHALENE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	NITROBENZENE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	N-NITROSODIMETHYLAMINE	870	U	870	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	N-NITROSO-DI-N-PROPYLAMINE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	N-NITROSODIPHENYLAMINE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	PENTACHLOROPHENOL	620	U	620	16000	UG/KG	16000	UJ
BT-P2-AOI-03-03	SW8270	PHENANTHRENE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	PHENOL	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	PYRENE	620	U	620	4100	UG/KG	4100	UJ
BT-P2-AOI-03-03	SW8270	PYRIDINE	2500	U	2500	12000	UG/KG	12000	UJ
BT-P2-AOI-03-04	SW8270	1,2,4-TRICHLOROBENZENE	3000	U	3000	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	1,2-DICHLOROBENZENE	3000	U	3000	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	1,3-DICHLOROBENZENE	3000	U	3000	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	1,4-DICHLOROBENZENE	3000	U	3000	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	1-METHYLNAPHTHALENE	3000	U	3000	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	2,3,4,6-TETRACHLOROPHENOL	4800	U	4800	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	2,4,5-TRICHLOROPHENOL	3000	U	3000	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	2,4,6-TRICHLOROPHENOL	3000	U	3000	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	2,4-DICHLOROPHENOL	3000	U	3000	20000	UG/KG	20000	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-03-04	SW8270	2,4-DIMETHYLPHENOL	3000	U	3000	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	2,4-DINITROPHENOL	12000	U	12000	40000	UG/KG	40000	U
BT-P2-AOI-03-04	SW8270	2,4-DINITROTOLUENE	3000	U	3000	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	2,6-DINITROTOLUENE	3000	U	3000	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	2-CHLORONAPHTHALENE	3000	U	3000	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	2-CHLOROPHENOL	3000	U	3000	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	2-METHYLNAPHTHALENE	3000	U	3000	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	2-METHYLPHENOL	3000	U	3000	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	2-NITROANILINE	3000	U	3000	40000	UG/KG	40000	U
BT-P2-AOI-03-04	SW8270	2-NITROPHENOL	3000	U	3000	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	3,3'-DICHLOROBENZIDINE	3000	U	3000	20000	UG/KG	20000	UJ
BT-P2-AOI-03-04	SW8270	3+4-METHYLPHENOL	3000	U	3000	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	3-NITROANILINE	3000	U	3000	40000	UG/KG	40000	U
BT-P2-AOI-03-04	SW8270	4,6-DINITRO-2-METHYLPHENOL	18000	U	18000	80000	UG/KG	80000	U
BT-P2-AOI-03-04	SW8270	4-BROMOPHENYL PHENYL ETHER	3000	U	3000	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	4-CHLORO-3-METHYLPHENOL	3000	U	3000	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	4-CHLOROANILINE	3000	U	3000	20000	UG/KG	20000	UJ
BT-P2-AOI-03-04	SW8270	4-CHLOROPHENYL PHENYL ETHER	3000	U	3000	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	4-NITROANILINE	3000	U	3000	40000	UG/KG	40000	U
BT-P2-AOI-03-04	SW8270	4-NITROPHENOL	3000	U	3000	40000	UG/KG	40000	U
BT-P2-AOI-03-04	SW8270	ACENAPHTHENE	3000	U	3000	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	ACENAPHTHYLENE	3000	U	3000	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	ANILINE	3000	U	3000	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	ANTHRACENE	3000	U	3000	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	AZOBENZENE	3000	U	3000	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	BENZO(A)ANTHRACENE	3000	U	3000	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	BENZO(A)PYRENE	3000	U	3000	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	BENZO(B)FLUORANTHENE	3000	U	3000	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	BENZO(G,H,I)PERYLENE	3000	U	3000	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	BENZO(K)FLUORANTHENE	3000	U	3000	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	BENZOIC ACID	21000	U	21000	100000	UG/KG	100000	U
BT-P2-AOI-03-04	SW8270	BENZYL ALCOHOL	3000	U	3000	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	BIS(2-CHLOROETHOXY)METHANE	3000	U	3000	20000	UG/KG	20000	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-03-04	SW8270	BIS(2-CHLOROETHYL)ETHER	3000	U	3000	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	BIS(2-CHLOROISOPROPYL)ETHER	3600	U	3600	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	BIS(2-ETHYLHEXYL)PHTHALATE	3000	U	3000	30000	UG/KG	30000	U
BT-P2-AOI-03-04	SW8270	BUTYL BENZYL PHTHALATE	3000	U	3000	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	CARBAZOLE	3000	U	3000	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	CHRYSENE	3000	U	3000	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	DIBENZO(A,H)ANTHRACENE	3000	U	3000	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	DIBENZOFURAN	3000	U	3000	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	DIETHYL PHTHALATE	3000	U	3000	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	DIMETHYL PHTHALATE	3000	U	3000	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	DI-N-BUTYL PHTHALATE	3000	U	3000	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	DI-N-OCTYL PHTHALATE	3000	U	3000	30000	UG/KG	30000	U
BT-P2-AOI-03-04	SW8270	FLUORANTHENE	3000	U	3000	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	FLUORENE	3000	U	3000	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	HEXACHLOROBENZENE	4200	U	4200	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	HEXACHLOROBUTADIENE	3000	U	3000	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	HEXACHLOROCYCLOPENTADIENE	3000	U	3000	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	HEXACHLOROETHANE	3000	U	3000	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	INDENO(1,2,3-CD)PYRENE	4200	U	4200	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	ISOPHORONE	3000	U	3000	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	NAPHTHALENE	3000	U	3000	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	NITROBENZENE	3000	U	3000	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	N-NITROSODIMETHYLAMINE	4200	U	4200	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	N-NITROSO-DI-N-PROPYLAMINE	3000	U	3000	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	N-NITROSODIPHENYLAMINE	3000	U	3000	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	PENTACHLOROPHENOL	3000	U	3000	80000	UG/KG	80000	U
BT-P2-AOI-03-04	SW8270	PHENANTHRENE	3000	U	3000	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	PHENOL	3000	U	3000	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	PYRENE	3000	U	3000	20000	UG/KG	20000	U
BT-P2-AOI-03-04	SW8270	PYRIDINE	12000	U	12000	60000	UG/KG	60000	U
BT-P2-AOI-03-04-DUP	SW8270	1,2,4-TRICHLOROBENZENE	3100	U	3100	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	1,2-DICHLOROBENZENE	3100	U	3100	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	1,3-DICHLOROBENZENE	3100	U	3100	21000	UG/KG	21000	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-03-04-DUP	SW8270	1,4-DICHLOROBENZENE	3100	U	3100	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	1-METHYLNAPHTHALENE	3100	U	3100	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	2,3,4,6-TETRACHLOROPHENOL	4900	U	4900	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	2,4,5-TRICHLOROPHENOL	3100	U	3100	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	2,4,6-TRICHLOROPHENOL	3100	U	3100	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	2,4-DICHLOROPHENOL	3100	U	3100	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	2,4-DIMETHYLPHENOL	3100	U	3100	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	2,4-DINITROPHENOL	12000	U	12000	41000	UG/KG	41000	U
BT-P2-AOI-03-04-DUP	SW8270	2,4-DINITROTOLUENE	3100	U	3100	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	2,6-DINITROTOLUENE	3100	U	3100	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	2-CHLORONAPHTHALENE	3100	U	3100	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	2-CHLOROPHENOL	3100	U	3100	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	2-METHYLNAPHTHALENE	3100	U	3100	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	2-METHYLPHENOL	3100	U	3100	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	2-NITROANILINE	3100	U	3100	41000	UG/KG	41000	U
BT-P2-AOI-03-04-DUP	SW8270	2-NITROPHENOL	3100	U	3100	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	3,3'-DICHLOROBENZIDINE	3100	U	3100	21000	UG/KG	21000	UJ
BT-P2-AOI-03-04-DUP	SW8270	3+4-METHYLPHENOL	3100	U	3100	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	3-NITROANILINE	3100	U	3100	41000	UG/KG	41000	U
BT-P2-AOI-03-04-DUP	SW8270	4,6-DINITRO-2-METHYLPHENOL	19000	U	19000	82000	UG/KG	82000	U
BT-P2-AOI-03-04-DUP	SW8270	4-BROMOPHENYL PHENYL ETHER	3100	U	3100	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	4-CHLORO-3-METHYLPHENOL	3100	U	3100	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	4-CHLOROANILINE	3100	U	3100	21000	UG/KG	21000	UJ
BT-P2-AOI-03-04-DUP	SW8270	4-CHLOROPHENYL PHENYL ETHER	3100	U	3100	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	4-NITROANILINE	3100	U	3100	41000	UG/KG	41000	U
BT-P2-AOI-03-04-DUP	SW8270	4-NITROPHENOL	3100	U	3100	41000	UG/KG	41000	U
BT-P2-AOI-03-04-DUP	SW8270	ACENAPHTHENE	3100	U	3100	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	ACENAPHTHYLENE	3100	U	3100	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	ANILINE	3100	U	3100	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	ANTHRACENE	3100	U	3100	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	AZOBENZENE	3100	U	3100	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	BENZO(A)ANTHRACENE	3100	U	3100	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	BENZO(A)PYRENE	3100	U	3100	21000	UG/KG	21000	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-03-04-DUP	SW8270	BENZO(B)FLUORANTHENE	3100	U	3100	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	BENZO(G,H,I)PERYLENE	3100	U	3100	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	BENZO(K)FLUORANTHENE	3100	U	3100	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	BENZOIC ACID	22000	U	22000	100000	UG/KG	100000	U
BT-P2-AOI-03-04-DUP	SW8270	BENZYL ALCOHOL	3100	U	3100	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	BIS(2-CHLOROETHOXY)METHANE	3100	U	3100	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	BIS(2-CHLOROETHYL)ETHER	3100	U	3100	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	BIS(2-CHLOROISOPROPYL)ETHER	3700	U	3700	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	BIS(2-ETHYLHEXYL)PHTHALATE	3100	U	3100	31000	UG/KG	31000	U
BT-P2-AOI-03-04-DUP	SW8270	BUTYL BENZYL PHTHALATE	3100	U	3100	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	CARBAZOLE	3100	U	3100	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	CHRYSENE	3100	U	3100	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	DIBENZO(A,H)ANTHRACENE	3100	U	3100	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	DIBENZOFURAN	3100	U	3100	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	DIETHYL PHTHALATE	3100	U	3100	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	DIMETHYL PHTHALATE	3100	U	3100	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	DI-N-BUTYL PHTHALATE	3100	U	3100	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	DI-N-OCTYL PHTHALATE	3100	U	3100	31000	UG/KG	31000	U
BT-P2-AOI-03-04-DUP	SW8270	FLUORANTHENE	3100	U	3100	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	FLUORENE	3100	U	3100	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	HEXACHLOROBENZENE	4300	U	4300	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	HEXACHLOROBUTADIENE	3100	U	3100	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	HEXACHLOROCYCLOPENTADIENE	3100	U	3100	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	HEXACHLOROETHANE	3100	U	3100	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	INDENO(1,2,3-CD)PYRENE	4300	U	4300	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	ISOPHORONE	3100	U	3100	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	NAPHTHALENE	3100	U	3100	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	NITROBENZENE	3100	U	3100	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	N-NITROSODIMETHYLAMINE	4300	U	4300	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	N-NITROSO-DI-N-PROPYLAMINE	3100	U	3100	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	N-NITROSODIPHENYLAMINE	3100	U	3100	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	PENTACHLOROPHENOL	3100	U	3100	82000	UG/KG	82000	U
BT-P2-AOI-03-04-DUP	SW8270	PHENANTHRENE	3100	U	3100	21000	UG/KG	21000	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-03-04-DUP	SW8270	PHENOL	3100	U	3100	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	PYRENE	3100	U	3100	21000	UG/KG	21000	U
BT-P2-AOI-03-04-DUP	SW8270	PYRIDINE	12000	U	12000	62000	UG/KG	62000	U
BT-P2-AOI-03-05	SW8270	1,2,4-TRICHLOROBENZENE	3300	U	3300	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	1,2-DICHLOROBENZENE	3300	U	3300	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	1,3-DICHLOROBENZENE	3300	U	3300	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	1,4-DICHLOROBENZENE	3300	U	3300	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	1-METHYLNAPHTHALENE	3300	U	3300	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	2,3,4,6-TETRACHLOROPHENOL	5300	U	5300	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	2,4,5-TRICHLOROPHENOL	3300	U	3300	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	2,4,6-TRICHLOROPHENOL	3300	U	3300	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	2,4-DICHLOROPHENOL	3300	U	3300	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	2,4-DIMETHYLPHENOL	3300	U	3300	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	2,4-DINITROPHENOL	13000	U	13000	44000	UG/KG	44000	U
BT-P2-AOI-03-05	SW8270	2,4-DINITROTOLUENE	3300	U	3300	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	2,6-DINITROTOLUENE	3300	U	3300	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	2-CHLORONAPHTHALENE	3300	U	3300	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	2-CHLOROPHENOL	3300	U	3300	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	2-METHYLNAPHTHALENE	3300	U	3300	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	2-METHYLPHENOL	3300	U	3300	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	2-NITROANILINE	3300	U	3300	44000	UG/KG	44000	U
BT-P2-AOI-03-05	SW8270	2-NITROPHENOL	3300	U	3300	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	3,3'-DICHLOROBENZIDINE	3300	U	3300	22000	UG/KG	22000	UJ
BT-P2-AOI-03-05	SW8270	3+4-METHYLPHENOL	3300	U	3300	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	3-NITROANILINE	3300	U	3300	44000	UG/KG	44000	U
BT-P2-AOI-03-05	SW8270	4,6-DINITRO-2-METHYLPHENOL	20000	U	20000	89000	UG/KG	89000	U
BT-P2-AOI-03-05	SW8270	4-BROMOPHENYL PHENYL ETHER	3300	U	3300	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	4-CHLORO-3-METHYLPHENOL	3300	U	3300	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	4-CHLOROANILINE	3300	U	3300	22000	UG/KG	22000	UJ
BT-P2-AOI-03-05	SW8270	4-CHLOROPHENYL PHENYL ETHER	3300	U	3300	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	4-NITROANILINE	3300	U	3300	44000	UG/KG	44000	U
BT-P2-AOI-03-05	SW8270	4-NITROPHENOL	3300	U	3300	44000	UG/KG	44000	U
BT-P2-AOI-03-05	SW8270	ACENAPHTHENE	3300	U	3300	22000	UG/KG	22000	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-03-05	SW8270	ACENAPHTHYLENE	3300	U	3300	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	ANILINE	3300	U	3300	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	ANTHRACENE	3300	U	3300	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	AZOBENZENE	3300	U	3300	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	BENZO(A)ANTHRACENE	3300	U	3300	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	BENZO(A)PYRENE	3300	U	3300	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	BENZO(B)FLUORANTHENE	3300	U	3300	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	BENZO(G,H,I)PERYLENE	3300	U	3300	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	BENZO(K)FLUORANTHENE	3300	U	3300	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	BENZOIC ACID	23000	U	23000	110000	UG/KG	110000	U
BT-P2-AOI-03-05	SW8270	BENZYL ALCOHOL	3300	U	3300	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	BIS(2-CHLOROETHOXY)METHANE	3300	U	3300	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	BIS(2-CHLOROETHYL)ETHER	3300	U	3300	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	BIS(2-CHLOROISOPROPYL)ETHER	4000	U	4000	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	BIS(2-ETHYLHEXYL)PHTHALATE	3300	U	3300	33000	UG/KG	33000	U
BT-P2-AOI-03-05	SW8270	BUTYL BENZYL PHTHALATE	3300	U	3300	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	CARBAZOLE	3300	U	3300	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	CHRYSENE	3300	U	3300	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	DIBENZO(A,H)ANTHRACENE	3300	U	3300	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	DIBENZOFURAN	3300	U	3300	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	DIETHYL PHTHALATE	3300	U	3300	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	DIMETHYL PHTHALATE	3300	U	3300	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	DI-N-BUTYL PHTHALATE	3300	U	3300	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	DI-N-OCTYL PHTHALATE	3300	U	3300	33000	UG/KG	33000	U
BT-P2-AOI-03-05	SW8270	FLUORANTHENE	3300	U	3300	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	FLUORENE	3300	U	3300	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	HEXACHLOROBENZENE	4600	U	4600	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	HEXACHLOROBUTADIENE	3300	U	3300	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	HEXACHLOROCYCLOPENTADIENE	3300	U	3300	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	HEXACHLOROETHANE	3300	U	3300	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	INDENO(1,2,3-CD)PYRENE	4600	U	4600	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	ISOPHORONE	3300	U	3300	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	NAPHTHALENE	3300	U	3300	22000	UG/KG	22000	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-03-05	SW8270	NITROBENZENE	3300	U	3300	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	N-NITROSODIMETHYLAMINE	4600	U	4600	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	N-NITROSO-DI-N-PROPYLAMINE	3300	U	3300	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	N-NITROSODIPHENYLAMINE	3300	U	3300	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	PENTACHLOROPHENOL	3300	U	3300	89000	UG/KG	89000	U
BT-P2-AOI-03-05	SW8270	PHENANTHRENE	3300	U	3300	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	PHENOL	3300	U	3300	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	PYRENE	3300	U	3300	22000	UG/KG	22000	U
BT-P2-AOI-03-05	SW8270	PYRIDINE	13000	U	13000	66000	UG/KG	66000	U
BT-P2-AOI-03-06	SW8270	1,2,4-TRICHLOROBENZENE	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	1,2-DICHLOROBENZENE	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	1,3-DICHLOROBENZENE	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	1,4-DICHLOROBENZENE	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	1-METHYLNAPHTHALENE	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	2,3,4,6-TETRACHLOROPHENOL	950	U	950	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	2,4,5-TRICHLOROPHENOL	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	2,4,6-TRICHLOROPHENOL	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	2,4-DICHLOROPHENOL	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	2,4-DIMETHYLPHENOL	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	2,4-DINITROPHENOL	2400	U	2400	7900	UG/KG	7900	UJ
BT-P2-AOI-03-06	SW8270	2,4-DINITROTOLUENE	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	2,6-DINITROTOLUENE	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	2-CHLORONAPHTHALENE	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	2-CHLOROPHENOL	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	2-METHYLNAPHTHALENE	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	2-METHYLPHENOL	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	2-NITROANILINE	600	U	600	7900	UG/KG	7900	UJ
BT-P2-AOI-03-06	SW8270	2-NITROPHENOL	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	3,3'-DICHLOROBENZIDINE	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	3+4-METHYLPHENOL	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	3-NITROANILINE	600	U	600	7900	UG/KG	7900	UJ
BT-P2-AOI-03-06	SW8270	4,6-DINITRO-2-METHYLPHENOL	3600	U	3600	16000	UG/KG	16000	UJ
BT-P2-AOI-03-06	SW8270	4-BROMOPHENYL PHENYL ETHER	600	U	600	4000	UG/KG	4000	UJ

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-03-06	SW8270	4-CHLORO-3-METHYLPHENOL	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	4-CHLOROANILINE	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	4-CHLOROPHENYL PHENYL ETHER	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	4-NITROANILINE	600	U	600	7900	UG/KG	7900	UJ
BT-P2-AOI-03-06	SW8270	4-NITROPHENOL	600	U	600	7900	UG/KG	7900	UJ
BT-P2-AOI-03-06	SW8270	ACENAPHTHENE	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	ACENAPHTHYLENE	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	ANILINE	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	ANTHRACENE	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	AZOBENZENE	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	BENZO(A)ANTHRACENE	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	BENZO(A)PYRENE	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	BENZO(B)FLUORANTHENE	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	BENZO(G,H,I)PERYLENE	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	BENZO(K)FLUORANTHENE	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	BENZOIC ACID	4200	U	4200	20000	UG/KG	20000	UJ
BT-P2-AOI-03-06	SW8270	BENZYL ALCOHOL	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	BIS(2-CHLOROETHOXY)METHANE	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	BIS(2-CHLOROETHYL)ETHER	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	BIS(2-CHLOROISOPROPYL)ETHER	710	U	710	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	BIS(2-ETHYLHEXYL)PHTHALATE	600	U	600	6000	UG/KG	6000	UJ
BT-P2-AOI-03-06	SW8270	BUTYL BENZYL PHTHALATE	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	CARBAZOLE	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	CHRYSENE	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	DIBENZO(A,H)ANTHRACENE	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	DIBENZOFURAN	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	DIETHYL PHTHALATE	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	DIMETHYL PHTHALATE	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	DI-N-BUTYL PHTHALATE	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	DI-N-OCTYL PHTHALATE	600	U	600	6000	UG/KG	6000	UJ
BT-P2-AOI-03-06	SW8270	FLUORANTHENE	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	FLUORENE	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	HEXACHLOROBENZENE	830	U	830	4000	UG/KG	4000	UJ

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-03-06	SW8270	HEXACHLOROBUTADIENE	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	HEXACHLOROCYCLOPENTADIENE	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	HEXACHLOROETHANE	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	INDENO(1,2,3-CD)PYRENE	830	U	830	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	ISOPHORONE	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	NAPHTHALENE	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	NITROBENZENE	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	N-NITROSODIMETHYLAMINE	830	U	830	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	N-NITROSO-DI-N-PROPYLAMINE	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	N-NITROSODIPHENYLAMINE	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	PENTACHLOROPHENOL	600	U	600	16000	UG/KG	16000	UJ
BT-P2-AOI-03-06	SW8270	PHENANTHRENE	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	PHENOL	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	PYRENE	600	U	600	4000	UG/KG	4000	UJ
BT-P2-AOI-03-06	SW8270	PYRIDINE	2400	U	2400	12000	UG/KG	12000	UJ
BT-P2-AOI-03-07	SW8270	1,2,4-TRICHLOROBENZENE	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	1,2-DICHLOROBENZENE	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	1,3-DICHLOROBENZENE	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	1,4-DICHLOROBENZENE	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	1-METHYLNAPHTHALENE	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	2,3,4,6-TETRACHLOROPHENOL	920	U	920	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	2,4,5-TRICHLOROPHENOL	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	2,4,6-TRICHLOROPHENOL	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	2,4-DICHLOROPHENOL	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	2,4-DIMETHYLPHENOL	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	2,4-DINITROPHENOL	2300	U	2300	7700	UG/KG	7700	UJ
BT-P2-AOI-03-07	SW8270	2,4-DINITROTOLUENE	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	2,6-DINITROTOLUENE	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	2-CHLORONAPHTHALENE	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	2-CHLOROPHENOL	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	2-METHYLNAPHTHALENE	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	2-METHYLPHENOL	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	2-NITROANILINE	570	U	570	7700	UG/KG	7700	UJ

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-03-07	SW8270	2-NITROPHENOL	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	3,3'-DICHLOROBENZIDINE	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	3+4-METHYLPHENOL	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	3-NITROANILINE	570	U	570	7700	UG/KG	7700	UJ
BT-P2-AOI-03-07	SW8270	4,6-DINITRO-2-METHYLPHENOL	3400	U	3400	15000	UG/KG	15000	UJ
BT-P2-AOI-03-07	SW8270	4-BROMOPHENYL PHENYL ETHER	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	4-CHLORO-3-METHYLPHENOL	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	4-CHLOROANILINE	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	4-CHLOROPHENYL PHENYL ETHER	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	4-NITROANILINE	570	U	570	7700	UG/KG	7700	UJ
BT-P2-AOI-03-07	SW8270	4-NITROPHENOL	570	U	570	7700	UG/KG	7700	UJ
BT-P2-AOI-03-07	SW8270	ACENAPHTHENE	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	ACENAPHTHYLENE	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	ANILINE	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	ANTHRACENE	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	AZOBENZENE	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	BENZO(A)ANTHRACENE	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	BENZO(A)PYRENE	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	BENZO(B)FLUORANTHENE	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	BENZO(G,H,I)PERYLENE	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	BENZO(K)FLUORANTHENE	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	BENZOIC ACID	4000	U	4000	19000	UG/KG	19000	UJ
BT-P2-AOI-03-07	SW8270	BENZYL ALCOHOL	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	BIS(2-CHLOROETHOXY)METHANE	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	BIS(2-CHLOROETHYL)ETHER	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	BIS(2-CHLOROISOPROPYL)ETHER	690	U	690	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	BIS(2-ETHYLHEXYL)PHTHALATE	570	U	570	5700	UG/KG	5700	UJ
BT-P2-AOI-03-07	SW8270	BUTYL BENZYL PHTHALATE	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	CARBAZOLE	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	CHRYSENE	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	DIBENZO(A,H)ANTHRACENE	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	DIBENZOFURAN	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	DIETHYL PHTHALATE	570	U	570	3800	UG/KG	3800	UJ

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-03-07	SW8270	DIMETHYL PHTHALATE	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	DI-N-BUTYL PHTHALATE	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	DI-N-OCTYL PHTHALATE	570	U	570	5700	UG/KG	5700	UJ
BT-P2-AOI-03-07	SW8270	FLUORANTHENE	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	FLUORENE	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	HEXACHLOROBENZENE	800	U	800	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	HEXACHLOROBUTADIENE	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	HEXACHLOROCYCLOPENTADIENE	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	HEXACHLOROETHANE	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	INDENO(1,2,3-CD)PYRENE	800	U	800	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	ISOPHORONE	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	NAPHTHALENE	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	NITROBENZENE	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	N-NITROSODIMETHYLAMINE	800	U	800	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	N-NITROSO-DI-N-PROPYLAMINE	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	N-NITROSODIPHENYLAMINE	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	PENTACHLOROPHENOL	570	U	570	15000	UG/KG	15000	UJ
BT-P2-AOI-03-07	SW8270	PHENANTHRENE	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	PHENOL	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	PYRENE	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-03-07	SW8270	PYRIDINE	2300	U	2300	11000	UG/KG	11000	UJ
BT-P2-AOI-04-01	SW8270	1,2,4-TRICHLOROBENZENE	380	U	380	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	1,2-DICHLOROBENZENE	380	U	380	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	1,3-DICHLOROBENZENE	380	U	380	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	1,4-DICHLOROBENZENE	380	U	380	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	1-METHYLNAPHTHALENE	380	U	380	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	2,3,4,6-TETRACHLOROPHENOL	610	U	610	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	2,4,5-TRICHLOROPHENOL	380	U	380	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	2,4,6-TRICHLOROPHENOL	380	U	380	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	2,4-DICHLOROPHENOL	380	U	380	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	2,4-DIMETHYLPHENOL	380	U	380	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	2,4-DINITROPHENOL	1500	U	1500	5000	UG/KG	5000	U
BT-P2-AOI-04-01	SW8270	2,4-DINITROTOLUENE	380	U	380	2500	UG/KG	2500	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-04-01	SW8270	2,6-DINITROTOLUENE	380	U	380	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	2-CHLORONAPHTHALENE	380	U	380	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	2-CHLOROPHENOL	380	U	380	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	2-METHYLNAPHTHALENE	380	U	380	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	2-METHYLPHENOL	380	U	380	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	2-NITROANILINE	380	U	380	5000	UG/KG	5000	U
BT-P2-AOI-04-01	SW8270	2-NITROPHENOL	380	U	380	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	3,3'-DICHLOROBENZIDINE	380	U	380	2500	UG/KG	2500	UJ
BT-P2-AOI-04-01	SW8270	3+4-METHYLPHENOL	380	U	380	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	3-NITROANILINE	380	U	380	5000	UG/KG	5000	U
BT-P2-AOI-04-01	SW8270	4,6-DINITRO-2-METHYLPHENOL	2300	U	2300	10000	UG/KG	10000	U
BT-P2-AOI-04-01	SW8270	4-BROMOPHENYL PHENYL ETHER	380	U	380	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	4-CHLORO-3-METHYLPHENOL	380	U	380	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	4-CHLOROANILINE	380	U	380	2500	UG/KG	2500	UJ
BT-P2-AOI-04-01	SW8270	4-CHLOROPHENYL PHENYL ETHER	380	U	380	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	4-NITROANILINE	380	U	380	5000	UG/KG	5000	U
BT-P2-AOI-04-01	SW8270	4-NITROPHENOL	380	U	380	5000	UG/KG	5000	U
BT-P2-AOI-04-01	SW8270	ACENAPHTHENE	380	U	380	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	ACENAPHTHYLENE	380	U	380	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	ANILINE	380	U	380	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	ANTHRACENE	380	U	380	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	AZOBENZENE	380	U	380	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	BENZO(A)ANTHRACENE	380	U	380	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	BENZO(A)PYRENE	380	U	380	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	BENZO(B)FLUORANTHENE	380	U	380	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	BENZO(G,H,I)PERYLENE	380	U	380	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	BENZO(K)FLUORANTHENE	380	U	380	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	BENZOIC ACID	2600	U	2600	13000	UG/KG	13000	U
BT-P2-AOI-04-01	SW8270	BENZYL ALCOHOL	380	U	380	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	BIS(2-CHLOROETHOXY)METHANE	380	U	380	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	BIS(2-CHLOROETHYL)ETHER	380	U	380	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	BIS(2-CHLOROISOPROPYL)ETHER	450	U	450	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	BIS(2-ETHYLHEXYL)PHTHALATE	380	U	380	3800	UG/KG	3800	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-04-01	SW8270	BUTYL BENZYL PHTHALATE	380	U	380	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	CARBAZOLE	380	U	380	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	CHRYSENE	380	U	380	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	DIBENZO(A,H)ANTHRACENE	380	U	380	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	DIBENZOFURAN	380	U	380	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	DIETHYL PHTHALATE	380	U	380	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	DIMETHYL PHTHALATE	380	U	380	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	DI-N-BUTYL PHTHALATE	380	U	380	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	DI-N-OCTYL PHTHALATE	380	U	380	3800	UG/KG	3800	U
BT-P2-AOI-04-01	SW8270	FLUORANTHENE	380	U	380	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	FLUORENE	380	U	380	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	HEXACHLOROBENZENE	530	U	530	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	HEXACHLOROBUTADIENE	380	U	380	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	HEXACHLOROCYCLOPENTADIENE	380	U	380	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	HEXACHLOROETHANE	380	U	380	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	INDENO(1,2,3-CD)PYRENE	530	U	530	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	ISOPHORONE	380	U	380	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	NAPHTHALENE	380	U	380	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	NITROBENZENE	380	U	380	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	N-NITROSODIMETHYLAMINE	530	U	530	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	N-NITROSO-DI-N-PROPYLAMINE	380	U	380	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	N-NITROSODIPHENYLAMINE	380	U	380	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	PENTACHLOROPHENOL	380	U	380	10000	UG/KG	10000	U
BT-P2-AOI-04-01	SW8270	PHENANTHRENE	380	U	380	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	PHENOL	380	U	380	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	PYRENE	380	U	380	2500	UG/KG	2500	U
BT-P2-AOI-04-01	SW8270	PYRIDINE	1500	U	1500	7600	UG/KG	7600	U
BT-P2-AOI-04-01-DUP	SW8270	1,2,4-TRICHLOROBENZENE	390	U	390	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	1,2-DICHLOROBENZENE	390	U	390	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	1,3-DICHLOROBENZENE	390	U	390	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	1,4-DICHLOROBENZENE	390	U	390	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	1-METHYLNAPHTHALENE	390	U	390	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	2,3,4,6-TETRACHLOROPHENOL	630	U	630	2600	UG/KG	2600	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-04-01-DUP	SW8270	2,4,5-TRICHLOROPHENOL	390	U	390	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	2,4,6-TRICHLOROPHENOL	390	U	390	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	2,4-DICHLOROPHENOL	390	U	390	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	2,4-DIMETHYLPHENOL	390	U	390	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	2,4-DINITROPHENOL	1600	U	1600	5200	UG/KG	5200	U
BT-P2-AOI-04-01-DUP	SW8270	2,4-DINITROTOLUENE	390	U	390	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	2,6-DINITROTOLUENE	390	U	390	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	2-CHLORONAPHTHALENE	390	U	390	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	2-CHLOROPHENOL	390	U	390	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	2-METHYLNAPHTHALENE	390	U	390	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	2-METHYLPHENOL	390	U	390	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	2-NITROANILINE	390	U	390	5200	UG/KG	5200	U
BT-P2-AOI-04-01-DUP	SW8270	2-NITROPHENOL	390	U	390	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	3,3'-DICHLOROBENZIDINE	390	U	390	2600	UG/KG	2600	UJ
BT-P2-AOI-04-01-DUP	SW8270	3+4-METHYLPHENOL	390	U	390	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	3-NITROANILINE	390	U	390	5200	UG/KG	5200	U
BT-P2-AOI-04-01-DUP	SW8270	4,6-DINITRO-2-METHYLPHENOL	2400	U	2400	10000	UG/KG	10000	U
BT-P2-AOI-04-01-DUP	SW8270	4-BROMOPHENYL PHENYL ETHER	390	U	390	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	4-CHLORO-3-METHYLPHENOL	390	U	390	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	4-CHLOROANILINE	390	U	390	2600	UG/KG	2600	UJ
BT-P2-AOI-04-01-DUP	SW8270	4-CHLOROPHENYL PHENYL ETHER	390	U	390	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	4-NITROANILINE	390	U	390	5200	UG/KG	5200	U
BT-P2-AOI-04-01-DUP	SW8270	4-NITROPHENOL	390	U	390	5200	UG/KG	5200	U
BT-P2-AOI-04-01-DUP	SW8270	ACENAPHTHENE	390	U	390	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	ACENAPHTHYLENE	390	U	390	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	ANILINE	390	U	390	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	ANTHRACENE	390	U	390	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	AZOBENZENE	390	U	390	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	BENZO(A)ANTHRACENE	390	U	390	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	BENZO(A)PYRENE	390	U	390	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	BENZO(B)FLUORANTHENE	390	U	390	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	BENZO(G,H,I)PERYLENE	390	U	390	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	BENZO(K)FLUORANTHENE	390	U	390	2600	UG/KG	2600	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-04-01-DUP	SW8270	BENZOIC ACID	2700	U	2700	13000	UG/KG	13000	U
BT-P2-AOI-04-01-DUP	SW8270	BENZYL ALCOHOL	390	U	390	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	BIS(2-CHLOROETHOXY)METHANE	390	U	390	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	BIS(2-CHLOROETHYL)ETHER	390	U	390	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	BIS(2-CHLOROISOPROPYL)ETHER	470	U	470	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	BIS(2-ETHYLHEXYL)PHTHALATE	390	U	390	3900	UG/KG	3900	U
BT-P2-AOI-04-01-DUP	SW8270	BUTYL BENZYL PHTHALATE	390	U	390	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	CARBAZOLE	390	U	390	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	CHRYSENE	390	U	390	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	DIBENZO(A,H)ANTHRACENE	390	U	390	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	DIBENZOFURAN	390	U	390	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	DIETHYL PHTHALATE	390	U	390	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	DIMETHYL PHTHALATE	390	U	390	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	DI-N-BUTYL PHTHALATE	390	U	390	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	DI-N-OCTYL PHTHALATE	390	U	390	3900	UG/KG	3900	U
BT-P2-AOI-04-01-DUP	SW8270	FLUORANTHENE	390	U	390	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	FLUORENE	390	U	390	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	HEXACHLOROBENZENE	550	U	550	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	HEXACHLOROBUTADIENE	390	U	390	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	HEXACHLOROCYCLOPENTADIENE	390	U	390	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	HEXACHLOROETHANE	390	U	390	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	INDENO(1,2,3-CD)PYRENE	550	U	550	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	ISOPHORONE	390	U	390	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	NAPHTHALENE	390	U	390	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	NITROBENZENE	390	U	390	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	N-NITROSODIMETHYLAMINE	550	U	550	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	N-NITROSO-DI-N-PROPYLAMINE	390	U	390	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	N-NITROSODIPHENYLAMINE	390	U	390	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	PENTACHLOROPHENOL	390	U	390	10000	UG/KG	10000	U
BT-P2-AOI-04-01-DUP	SW8270	PHENANTHRENE	390	U	390	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	PHENOL	390	U	390	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	PYRENE	390	U	390	2600	UG/KG	2600	U
BT-P2-AOI-04-01-DUP	SW8270	PYRIDINE	1600	U	1600	7800	UG/KG	7800	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-05-01	SW8270	1,2,4-TRICHLOROBENZENE	400	U	400	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	1,2-DICHLOROBENZENE	400	U	400	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	1,3-DICHLOROBENZENE	400	U	400	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	1,4-DICHLOROBENZENE	400	U	400	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	1-METHYLNAPHTHALENE	400	U	400	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	2,3,4,6-TETRACHLOROPHENOL	640	U	640	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	2,4,5-TRICHLOROPHENOL	400	U	400	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	2,4,6-TRICHLOROPHENOL	400	U	400	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	2,4-DICHLOROPHENOL	400	U	400	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	2,4-DIMETHYLPHENOL	400	U	400	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	2,4-DINITROPHENOL	1600	U	1600	5300	UG/KG	5300	U
BT-P2-AOI-05-01	SW8270	2,4-DINITROTOLUENE	400	U	400	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	2,6-DINITROTOLUENE	400	U	400	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	2-CHLORONAPHTHALENE	400	U	400	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	2-CHLOROPHENOL	400	U	400	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	2-METHYLNAPHTHALENE	400	U	400	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	2-METHYLPHENOL	400	U	400	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	2-NITROANILINE	400	U	400	5300	UG/KG	5300	U
BT-P2-AOI-05-01	SW8270	2-NITROPHENOL	400	U	400	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	3,3'-DICHLOROBENZIDINE	400	U	400	2700	UG/KG	2700	UJ
BT-P2-AOI-05-01	SW8270	3+4-METHYLPHENOL	400	U	400	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	3-NITROANILINE	400	U	400	5300	UG/KG	5300	U
BT-P2-AOI-05-01	SW8270	4,6-DINITRO-2-METHYLPHENOL	2400	U	2400	11000	UG/KG	11000	U
BT-P2-AOI-05-01	SW8270	4-BROMOPHENYL PHENYL ETHER	400	U	400	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	4-CHLORO-3-METHYLPHENOL	400	U	400	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	4-CHLOROANILINE	400	U	400	2700	UG/KG	2700	UJ
BT-P2-AOI-05-01	SW8270	4-CHLOROPHENYL PHENYL ETHER	400	U	400	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	4-NITROANILINE	400	U	400	5300	UG/KG	5300	U
BT-P2-AOI-05-01	SW8270	4-NITROPHENOL	400	U	400	5300	UG/KG	5300	U
BT-P2-AOI-05-01	SW8270	ACENAPHTHENE	400	U	400	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	ACENAPHTHYLENE	400	U	400	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	ANILINE	400	U	400	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	ANTHRACENE	400	U	400	2700	UG/KG	2700	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-05-01	SW8270	AZOBENZENE	400	U	400	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	BENZO(A)ANTHRACENE	400	U	400	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	BENZO(A)PYRENE	400	U	400	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	BENZO(B)FLUORANTHENE	400	U	400	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	BENZO(G,H,I)PERYLENE	400	U	400	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	BENZO(K)FLUORANTHENE	400	U	400	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	BENZOIC ACID	2800	U	2800	13000	UG/KG	13000	U
BT-P2-AOI-05-01	SW8270	BENZYL ALCOHOL	400	U	400	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	BIS(2-CHLOROETHOXY)METHANE	400	U	400	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	BIS(2-CHLOROETHYL)ETHER	400	U	400	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	BIS(2-CHLOROISOPROPYL)ETHER	480	U	480	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	BIS(2-ETHYLHEXYL)PHTHALATE	400	U	400	4000	UG/KG	4000	U
BT-P2-AOI-05-01	SW8270	BUTYL BENZYL PHTHALATE	400	U	400	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	CARBAZOLE	400	U	400	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	CHRYSENE	400	U	400	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	DIBENZO(A,H)ANTHRACENE	400	U	400	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	DIBENZOFURAN	400	U	400	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	DIETHYL PHTHALATE	400	U	400	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	DIMETHYL PHTHALATE	400	U	400	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	DI-N-BUTYL PHTHALATE	400	U	400	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	DI-N-OCTYL PHTHALATE	400	U	400	4000	UG/KG	4000	U
BT-P2-AOI-05-01	SW8270	FLUORANTHENE	400	U	400	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	FLUORENE	400	U	400	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	HEXACHLOROBENZENE	560	U	560	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	HEXACHLOROBUTADIENE	400	U	400	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	HEXACHLOROCYCLOPENTADIENE	400	U	400	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	HEXACHLOROETHANE	400	U	400	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	INDENO(1,2,3-CD)PYRENE	560	U	560	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	ISOPHORONE	400	U	400	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	NAPHTHALENE	400	U	400	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	NITROBENZENE	400	U	400	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	N-NITROSODIMETHYLAMINE	560	U	560	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	N-NITROSO-DI-N-PROPYLAMINE	400	U	400	2700	UG/KG	2700	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-05-01	SW8270	N-NITROSODIPHENYLAMINE	400	U	400	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	PENTACHLOROPHENOL	400	U	400	11000	UG/KG	11000	U
BT-P2-AOI-05-01	SW8270	PHENANTHRENE	400	U	400	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	PHENOL	400	U	400	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	PYRENE	400	U	400	2700	UG/KG	2700	U
BT-P2-AOI-05-01	SW8270	PYRIDINE	1600	U	1600	8000	UG/KG	8000	U
BT-P2-AOI-06-01	SW8270	1,2,4-TRICHLOROBENZENE	440	U	440	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	1,2-DICHLOROBENZENE	440	U	440	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	1,3-DICHLOROBENZENE	440	U	440	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	1,4-DICHLOROBENZENE	440	U	440	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	1-METHYLNAPHTHALENE	440	U	440	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	2,3,4,6-TETRACHLOROPHENOL	710	U	710	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	2,4,5-TRICHLOROPHENOL	440	U	440	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	2,4,6-TRICHLOROPHENOL	440	U	440	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	2,4-DICHLOROPHENOL	440	U	440	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	2,4-DIMETHYLPHENOL	440	U	440	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	2,4-DINITROPHENOL	1800	U	1800	5900	UG/KG	5900	U
BT-P2-AOI-06-01	SW8270	2,4-DINITROTOLUENE	440	U	440	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	2,6-DINITROTOLUENE	440	U	440	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	2-CHLORONAPHTHALENE	440	U	440	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	2-CHLOROPHENOL	440	U	440	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	2-METHYLNAPHTHALENE	440	U	440	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	2-METHYLPHENOL	440	U	440	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	2-NITROANILINE	440	U	440	5900	UG/KG	5900	U
BT-P2-AOI-06-01	SW8270	2-NITROPHENOL	440	U	440	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	3,3'-DICHLOROBENZIDINE	440	U	440	3000	UG/KG	3000	UJ
BT-P2-AOI-06-01	SW8270	3+4-METHYLPHENOL	440	U	440	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	3-NITROANILINE	440	U	440	5900	UG/KG	5900	U
BT-P2-AOI-06-01	SW8270	4,6-DINITRO-2-METHYLPHENOL	2700	U	2700	12000	UG/KG	12000	U
BT-P2-AOI-06-01	SW8270	4-BROMOPHENYL PHENYL ETHER	440	U	440	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	4-CHLORO-3-METHYLPHENOL	440	U	440	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	4-CHLOROANILINE	440	U	440	3000	UG/KG	3000	UJ
BT-P2-AOI-06-01	SW8270	4-CHLOROPHENYL PHENYL ETHER	440	U	440	3000	UG/KG	3000	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-06-01	SW8270	4-NITROANILINE	440	U	440	5900	UG/KG	5900	U
BT-P2-AOI-06-01	SW8270	4-NITROPHENOL	440	U	440	5900	UG/KG	5900	U
BT-P2-AOI-06-01	SW8270	ACENAPHTHENE	440	U	440	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	ACENAPHTHYLENE	440	U	440	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	ANILINE	440	U	440	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	ANTHRACENE	440	U	440	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	AZOBENZENE	440	U	440	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	BENZO(A)ANTHRACENE	440	U	440	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	BENZO(A)PYRENE	440	U	440	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	BENZO(B)FLUORANTHENE	440	U	440	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	BENZO(G,H,I)PERYLENE	440	U	440	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	BENZO(K)FLUORANTHENE	440	U	440	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	BENZOIC ACID	3100	U	3100	15000	UG/KG	15000	U
BT-P2-AOI-06-01	SW8270	BENZYL ALCOHOL	440	U	440	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	BIS(2-CHLOROETHOXY)METHANE	440	U	440	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	BIS(2-CHLOROETHYL)ETHER	440	U	440	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	BIS(2-CHLOROISOPROPYL)ETHER	530	U	530	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	BIS(2-ETHYLHEXYL)PHTHALATE	440	U	440	4400	UG/KG	4400	U
BT-P2-AOI-06-01	SW8270	BUTYL BENZYL PHTHALATE	440	U	440	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	CARBAZOLE	440	U	440	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	CHRYSENE	440	U	440	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	DIBENZO(A,H)ANTHRACENE	440	U	440	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	DIBENZOFURAN	440	U	440	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	DIETHYL PHTHALATE	440	U	440	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	DIMETHYL PHTHALATE	440	U	440	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	DI-N-BUTYL PHTHALATE	440	U	440	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	DI-N-OCTYL PHTHALATE	440	U	440	4400	UG/KG	4400	U
BT-P2-AOI-06-01	SW8270	FLUORANTHENE	440	U	440	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	FLUORENE	440	U	440	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	HEXACHLOROBENZENE	620	U	620	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	HEXACHLOROBUTADIENE	440	U	440	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	HEXACHLOROCYCLOPENTADIENE	440	U	440	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	HEXACHLOROETHANE	440	U	440	3000	UG/KG	3000	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-06-01	SW8270	INDENO(1,2,3-CD)PYRENE	620	U	620	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	ISOPHORONE	440	U	440	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	NAPHTHALENE	440	U	440	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	NITROBENZENE	440	U	440	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	N-NITROSODIMETHYLAMINE	620	U	620	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	N-NITROSO-DI-N-PROPYLAMINE	440	U	440	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	N-NITROSODIPHENYLAMINE	440	U	440	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	PENTACHLOROPHENOL	440	U	440	12000	UG/KG	12000	U
BT-P2-AOI-06-01	SW8270	PHENANTHRENE	440	U	440	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	PHENOL	440	U	440	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	PYRENE	440	U	440	3000	UG/KG	3000	U
BT-P2-AOI-06-01	SW8270	PYRIDINE	1800	U	1800	8900	UG/KG	8900	U
BT-P2-AOI-06-02	SW8270	1,2,4-TRICHLOROBENZENE	360	U	360	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	1,2-DICHLOROBENZENE	360	U	360	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	1,3-DICHLOROBENZENE	360	U	360	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	1,4-DICHLOROBENZENE	360	U	360	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	1-METHYLNAPHTHALENE	360	U	360	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	2,3,4,6-TETRACHLOROPHENOL	580	U	580	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	2,4,5-TRICHLOROPHENOL	360	U	360	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	2,4,6-TRICHLOROPHENOL	360	U	360	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	2,4-DICHLOROPHENOL	360	U	360	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	2,4-DIMETHYLPHENOL	360	U	360	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	2,4-DINITROPHENOL	1400	U	1400	4800	UG/KG	4800	U
BT-P2-AOI-06-02	SW8270	2,4-DINITROTOLUENE	360	U	360	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	2,6-DINITROTOLUENE	360	U	360	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	2-CHLORONAPHTHALENE	360	U	360	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	2-CHLOROPHENOL	360	U	360	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	2-METHYLNAPHTHALENE	360	U	360	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	2-METHYLPHENOL	360	U	360	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	2-NITROANILINE	360	U	360	4800	UG/KG	4800	U
BT-P2-AOI-06-02	SW8270	2-NITROPHENOL	360	U	360	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	3,3'-DICHLOROBENZIDINE	360	U	360	2400	UG/KG	2400	UJ
BT-P2-AOI-06-02	SW8270	3+4-METHYLPHENOL	2700		360	2400	UG/KG	2700	

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-06-02	SW8270	3-NITROANILINE	360	U	360	4800	UG/KG	4800	U
BT-P2-AOI-06-02	SW8270	4,6-DINITRO-2-METHYLPHENOL	2200	U	2200	9600	UG/KG	9600	U
BT-P2-AOI-06-02	SW8270	4-BROMOPHENYL PHENYL ETHER	360	U	360	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	4-CHLORO-3-METHYLPHENOL	360	U	360	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	4-CHLOROANILINE	360	U	360	2400	UG/KG	2400	UJ
BT-P2-AOI-06-02	SW8270	4-CHLOROPHENYL PHENYL ETHER	360	U	360	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	4-NITROANILINE	360	U	360	4800	UG/KG	4800	U
BT-P2-AOI-06-02	SW8270	4-NITROPHENOL	360	U	360	4800	UG/KG	4800	U
BT-P2-AOI-06-02	SW8270	ACENAPHTHENE	360	U	360	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	ACENAPHTHYLENE	360	U	360	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	ANILINE	360	U	360	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	ANTHRACENE	360	U	360	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	AZOBENZENE	360	U	360	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	BENZO(A)ANTHRACENE	360	U	360	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	BENZO(A)PYRENE	360	U	360	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	BENZO(B)FLUORANTHENE	360	U	360	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	BENZO(G,H,I)PERYLENE	360	U	360	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	BENZO(K)FLUORANTHENE	360	U	360	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	BENZOIC ACID	2500	U	2500	12000	UG/KG	12000	U
BT-P2-AOI-06-02	SW8270	BENZYL ALCOHOL	360	U	360	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	BIS(2-CHLOROETHOXY)METHANE	360	U	360	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	BIS(2-CHLOROETHYL)ETHER	360	U	360	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	BIS(2-CHLOROISOPROPYL)ETHER	430	U	430	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	BIS(2-ETHYLHEXYL)PHTHALATE	360	U	360	3600	UG/KG	3600	U
BT-P2-AOI-06-02	SW8270	BUTYL BENZYL PHTHALATE	360	U	360	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	CARBAZOLE	360	U	360	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	CHRYSENE	360	U	360	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	DIBENZO(A,H)ANTHRACENE	360	U	360	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	DIBENZOFURAN	360	U	360	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	DIETHYL PHTHALATE	360	U	360	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	DIMETHYL PHTHALATE	360	U	360	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	DI-N-BUTYL PHTHALATE	360	U	360	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	DI-N-OCTYL PHTHALATE	360	U	360	3600	UG/KG	3600	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-06-02	SW8270	FLUORANTHENE	360	U	360	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	FLUORENE	360	U	360	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	HEXACHLOROBENZENE	500	U	500	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	HEXACHLOROBUTADIENE	360	U	360	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	HEXACHLOROCYCLOPENTADIENE	360	U	360	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	HEXACHLOROETHANE	360	U	360	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	INDENO(1,2,3-CD)PYRENE	500	U	500	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	ISOPHORONE	360	U	360	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	NAPHTHALENE	360	U	360	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	NITROBENZENE	360	U	360	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	N-NITROSODIMETHYLAMINE	500	U	500	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	N-NITROSO-DI-N-PROPYLAMINE	360	U	360	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	N-NITROSODIPHENYLAMINE	360	U	360	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	PENTACHLOROPHENOL	360	U	360	9600	UG/KG	9600	U
BT-P2-AOI-06-02	SW8270	PHENANTHRENE	360	U	360	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	PHENOL	360	U	360	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	PYRENE	360	U	360	2400	UG/KG	2400	U
BT-P2-AOI-06-02	SW8270	PYRIDINE	1400	U	1400	7200	UG/KG	7200	U
BT-P2-AOI-06-03	SW8270	1,2,4-TRICHLOROBENZENE	460	U	460	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	1,2-DICHLOROBENZENE	460	U	460	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	1,3-DICHLOROBENZENE	460	U	460	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	1,4-DICHLOROBENZENE	460	U	460	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	1-METHYLNAPHTHALENE	460	U	460	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	2,3,4,6-TETRACHLOROPHENOL	740	U	740	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	2,4,5-TRICHLOROPHENOL	460	U	460	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	2,4,6-TRICHLOROPHENOL	460	U	460	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	2,4-DICHLOROPHENOL	460	U	460	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	2,4-DIMETHYLPHENOL	460	U	460	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	2,4-DINITROPHENOL	1800	U	1800	6200	UG/KG	6200	U
BT-P2-AOI-06-03	SW8270	2,4-DINITROTOLUENE	460	U	460	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	2,6-DINITROTOLUENE	460	U	460	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	2-CHLORONAPHTHALENE	460	U	460	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	2-CHLOROPHENOL	460	U	460	3100	UG/KG	3100	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-06-03	SW8270	2-METHYLNAPHTHALENE	460	U	460	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	2-METHYLPHENOL	460	U	460	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	2-NITROANILINE	460	U	460	6200	UG/KG	6200	U
BT-P2-AOI-06-03	SW8270	2-NITROPHENOL	460	U	460	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	3,3'-DICHLOROBENZIDINE	460	U	460	3100	UG/KG	3100	UJ
BT-P2-AOI-06-03	SW8270	3+4-METHYLPHENOL	460	U	460	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	3-NITROANILINE	460	U	460	6200	UG/KG	6200	U
BT-P2-AOI-06-03	SW8270	4,6-DINITRO-2-METHYLPHENOL	2800	U	2800	12000	UG/KG	12000	U
BT-P2-AOI-06-03	SW8270	4-BROMOPHENYL PHENYL ETHER	460	U	460	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	4-CHLORO-3-METHYLPHENOL	460	U	460	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	4-CHLOROANILINE	460	U	460	3100	UG/KG	3100	UJ
BT-P2-AOI-06-03	SW8270	4-CHLOROPHENYL PHENYL ETHER	460	U	460	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	4-NITROANILINE	460	U	460	6200	UG/KG	6200	U
BT-P2-AOI-06-03	SW8270	4-NITROPHENOL	460	U	460	6200	UG/KG	6200	U
BT-P2-AOI-06-03	SW8270	ACENAPHTHENE	460	U	460	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	ACENAPHTHYLENE	460	U	460	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	ANILINE	460	U	460	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	ANTHRACENE	460	U	460	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	AZOBENZENE	460	U	460	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	BENZO(A)ANTHRACENE	460	U	460	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	BENZO(A)PYRENE	460	U	460	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	BENZO(B)FLUORANTHENE	460	U	460	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	BENZO(G,H,I)PERYLENE	460	U	460	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	BENZO(K)FLUORANTHENE	460	U	460	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	BENZOIC ACID	3200	U	3200	15000	UG/KG	15000	U
BT-P2-AOI-06-03	SW8270	BENZYL ALCOHOL	460	U	460	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	BIS(2-CHLOROETHOXY)METHANE	460	U	460	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	BIS(2-CHLOROETHYL)ETHER	460	U	460	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	BIS(2-CHLOROISOPROPYL)ETHER	550	U	550	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	BIS(2-ETHYLHEXYL)PHTHALATE	460	U	460	4600	UG/KG	4600	U
BT-P2-AOI-06-03	SW8270	BUTYL BENZYL PHTHALATE	460	U	460	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	CARBAZOLE	460	U	460	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	CHRYSENE	460	U	460	3100	UG/KG	3100	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-06-03	SW8270	DIBENZO(A,H)ANTHRACENE	460	U	460	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	DIBENZOFURAN	460	U	460	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	DIETHYL PHTHALATE	460	U	460	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	DIMETHYL PHTHALATE	460	U	460	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	DI-N-BUTYL PHTHALATE	460	U	460	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	DI-N-OCTYL PHTHALATE	460	U	460	4600	UG/KG	4600	U
BT-P2-AOI-06-03	SW8270	FLUORANTHENE	460	U	460	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	FLUORENE	460	U	460	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	HEXACHLOROBENZENE	650	U	650	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	HEXACHLOROBUTADIENE	460	U	460	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	HEXACHLOROCYCLOPENTADIENE	460	U	460	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	HEXACHLOROETHANE	460	U	460	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	INDENO(1,2,3-CD)PYRENE	650	U	650	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	ISOPHORONE	460	U	460	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	NAPHTHALENE	460	U	460	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	NITROBENZENE	460	U	460	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	N-NITROSODIMETHYLAMINE	650	U	650	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	N-NITROSO-DI-N-PROPYLAMINE	460	U	460	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	N-NITROSODIPHENYLAMINE	460	U	460	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	PENTACHLOROPHENOL	460	U	460	12000	UG/KG	12000	U
BT-P2-AOI-06-03	SW8270	PHENANTHRENE	460	U	460	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	PHENOL	460	U	460	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	PYRENE	460	U	460	3100	UG/KG	3100	U
BT-P2-AOI-06-03	SW8270	PYRIDINE	1800	U	1800	9200	UG/KG	9200	U
BT-P2-AOI-06-04	SW8270	1,2,4-TRICHLOROBENZENE	570	U	570	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	1,2-DICHLOROBENZENE	570	U	570	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	1,3-DICHLOROBENZENE	570	U	570	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	1,4-DICHLOROBENZENE	570	U	570	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	1-METHYLNAPHTHALENE	570	U	570	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	2,3,4,6-TETRACHLOROPHENOL	900	U	900	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	2,4,5-TRICHLOROPHENOL	570	U	570	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	2,4,6-TRICHLOROPHENOL	570	U	570	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	2,4-DICHLOROPHENOL	570	U	570	3800	UG/KG	3800	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-06-04	SW8270	2,4-DIMETHYLPHENOL	570	U	570	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	2,4-DINITROPHENOL	2300	U	2300	7500	UG/KG	7500	U
BT-P2-AOI-06-04	SW8270	2,4-DINITROTOLUENE	570	U	570	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	2,6-DINITROTOLUENE	570	U	570	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	2-CHLORONAPHTHALENE	570	U	570	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	2-CHLOROPHENOL	570	U	570	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	2-METHYLNAPHTHALENE	570	U	570	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	2-METHYLPHENOL	570	U	570	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	2-NITROANILINE	570	U	570	7500	UG/KG	7500	U
BT-P2-AOI-06-04	SW8270	2-NITROPHENOL	570	U	570	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	3,3'-DICHLOROBENZIDINE	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-06-04	SW8270	3+4-METHYLPHENOL	570	U	570	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	3-NITROANILINE	570	U	570	7500	UG/KG	7500	U
BT-P2-AOI-06-04	SW8270	4,6-DINITRO-2-METHYLPHENOL	3400	U	3400	15000	UG/KG	15000	U
BT-P2-AOI-06-04	SW8270	4-BROMOPHENYL PHENYL ETHER	570	U	570	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	4-CHLORO-3-METHYLPHENOL	570	U	570	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	4-CHLOROANILINE	570	U	570	3800	UG/KG	3800	UJ
BT-P2-AOI-06-04	SW8270	4-CHLOROPHENYL PHENYL ETHER	570	U	570	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	4-NITROANILINE	570	U	570	7500	UG/KG	7500	U
BT-P2-AOI-06-04	SW8270	4-NITROPHENOL	570	U	570	7500	UG/KG	7500	U
BT-P2-AOI-06-04	SW8270	ACENAPHTHENE	570	U	570	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	ACENAPHTHYLENE	570	U	570	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	ANILINE	570	U	570	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	ANTHRACENE	570	U	570	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	AZOBENZENE	570	U	570	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	BENZO(A)ANTHRACENE	570	U	570	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	BENZO(A)PYRENE	570	U	570	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	BENZO(B)FLUORANTHENE	570	U	570	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	BENZO(G,H,I)PERYLENE	570	U	570	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	BENZO(K)FLUORANTHENE	570	U	570	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	BENZOIC ACID	4000	U	4000	19000	UG/KG	19000	U
BT-P2-AOI-06-04	SW8270	BENZYL ALCOHOL	570	U	570	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	BIS(2-CHLOROETHOXY)METHANE	570	U	570	3800	UG/KG	3800	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-06-04	SW8270	BIS(2-CHLOROETHYL)ETHER	570	U	570	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	BIS(2-CHLOROISOPROPYL)ETHER	680	U	680	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	BIS(2-ETHYLHEXYL)PHTHALATE	570	U	570	5700	UG/KG	5700	U
BT-P2-AOI-06-04	SW8270	BUTYL BENZYL PHTHALATE	570	U	570	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	CARBAZOLE	570	U	570	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	CHRYSENE	570	U	570	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	DIBENZO(A,H)ANTHRACENE	570	U	570	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	DIBENZOFURAN	570	U	570	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	DIETHYL PHTHALATE	570	U	570	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	DIMETHYL PHTHALATE	570	U	570	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	DI-N-BUTYL PHTHALATE	570	U	570	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	DI-N-OCTYL PHTHALATE	570	U	570	5700	UG/KG	5700	U
BT-P2-AOI-06-04	SW8270	FLUORANTHENE	570	U	570	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	FLUORENE	570	U	570	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	HEXACHLOROBENZENE	790	U	790	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	HEXACHLOROBUTADIENE	570	U	570	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	HEXACHLOROCYCLOPENTADIENE	570	U	570	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	HEXACHLOROETHANE	570	U	570	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	INDENO(1,2,3-CD)PYRENE	790	U	790	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	ISOPHORONE	570	U	570	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	NAPHTHALENE	570	U	570	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	NITROBENZENE	570	U	570	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	N-NITROSODIMETHYLAMINE	790	U	790	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	N-NITROSO-DI-N-PROPYLAMINE	570	U	570	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	N-NITROSODIPHENYLAMINE	570	U	570	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	PENTACHLOROPHENOL	570	U	570	15000	UG/KG	15000	U
BT-P2-AOI-06-04	SW8270	PHENANTHRENE	570	U	570	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	PHENOL	570	U	570	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	PYRENE	570	U	570	3800	UG/KG	3800	U
BT-P2-AOI-06-04	SW8270	PYRIDINE	2300	U	2300	11000	UG/KG	11000	U
BT-P2-AOI-06-05	SW8270	1,2,4-TRICHLOROBENZENE	500	U	500	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	1,2-DICHLOROBENZENE	500	U	500	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	1,3-DICHLOROBENZENE	500	U	500	3300	UG/KG	3300	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-06-05	SW8270	1,4-DICHLOROBENZENE	500	U	500	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	1-METHYLNAPHTHALENE	500	U	500	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	2,3,4,6-TETRACHLOROPHENOL	790	U	790	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	2,4,5-TRICHLOROPHENOL	500	U	500	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	2,4,6-TRICHLOROPHENOL	500	U	500	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	2,4-DICHLOROPHENOL	500	U	500	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	2,4-DIMETHYLPHENOL	500	U	500	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	2,4-DINITROPHENOL	2000	U	2000	6600	UG/KG	6600	U
BT-P2-AOI-06-05	SW8270	2,4-DINITROTOLUENE	500	U	500	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	2,6-DINITROTOLUENE	500	U	500	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	2-CHLORONAPHTHALENE	500	U	500	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	2-CHLOROPHENOL	500	U	500	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	2-METHYLNAPHTHALENE	500	U	500	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	2-METHYLPHENOL	500	U	500	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	2-NITROANILINE	500	U	500	6600	UG/KG	6600	U
BT-P2-AOI-06-05	SW8270	2-NITROPHENOL	500	U	500	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	3,3'-DICHLOROBENZIDINE	500	U	500	3300	UG/KG	3300	UJ
BT-P2-AOI-06-05	SW8270	3+4-METHYLPHENOL	500	U	500	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	3-NITROANILINE	500	U	500	6600	UG/KG	6600	U
BT-P2-AOI-06-05	SW8270	4,6-DINITRO-2-METHYLPHENOL	3000	U	3000	13000	UG/KG	13000	U
BT-P2-AOI-06-05	SW8270	4-BROMOPHENYL PHENYL ETHER	500	U	500	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	4-CHLORO-3-METHYLPHENOL	500	U	500	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	4-CHLOROANILINE	500	U	500	3300	UG/KG	3300	UJ
BT-P2-AOI-06-05	SW8270	4-CHLOROPHENYL PHENYL ETHER	500	U	500	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	4-NITROANILINE	500	U	500	6600	UG/KG	6600	U
BT-P2-AOI-06-05	SW8270	4-NITROPHENOL	500	U	500	6600	UG/KG	6600	U
BT-P2-AOI-06-05	SW8270	ACENAPHTHENE	500	U	500	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	ACENAPHTHYLENE	500	U	500	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	ANILINE	500	U	500	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	ANTHRACENE	500	U	500	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	AZOBENZENE	500	U	500	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	BENZO(A)ANTHRACENE	500	U	500	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	BENZO(A)PYRENE	500	U	500	3300	UG/KG	3300	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-06-05	SW8270	BENZO(B)FLUORANTHENE	500	U	500	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	BENZO(G,H,I)PERYLENE	500	U	500	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	BENZO(K)FLUORANTHENE	500	U	500	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	BENZOIC ACID	3500	U	3500	17000	UG/KG	17000	U
BT-P2-AOI-06-05	SW8270	BENZYL ALCOHOL	500	U	500	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	BIS(2-CHLOROETHOXY)METHANE	500	U	500	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	BIS(2-CHLOROETHYL)ETHER	500	U	500	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	BIS(2-CHLOROISOPROPYL)ETHER	590	U	590	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	BIS(2-ETHYLHEXYL)PHTHALATE	500	U	500	5000	UG/KG	5000	U
BT-P2-AOI-06-05	SW8270	BUTYL BENZYL PHTHALATE	500	U	500	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	CARBAZOLE	500	U	500	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	CHRYSENE	500	U	500	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	DIBENZO(A,H)ANTHRACENE	500	U	500	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	DIBENZOFURAN	500	U	500	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	DIETHYL PHTHALATE	500	U	500	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	DIMETHYL PHTHALATE	500	U	500	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	DI-N-BUTYL PHTHALATE	500	U	500	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	DI-N-OCTYL PHTHALATE	500	U	500	5000	UG/KG	5000	U
BT-P2-AOI-06-05	SW8270	FLUORANTHENE	500	U	500	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	FLUORENE	500	U	500	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	HEXACHLOROBENZENE	690	U	690	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	HEXACHLOROBUTADIENE	500	U	500	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	HEXACHLOROCYCLOPENTADIENE	500	U	500	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	HEXACHLOROETHANE	500	U	500	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	INDENO(1,2,3-CD)PYRENE	690	U	690	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	ISOPHORONE	500	U	500	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	NAPHTHALENE	500	U	500	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	NITROBENZENE	500	U	500	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	N-NITROSODIMETHYLAMINE	690	U	690	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	N-NITROSO-DI-N-PROPYLAMINE	500	U	500	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	N-NITROSODIPHENYLAMINE	500	U	500	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	PENTACHLOROPHENOL	500	U	500	13000	UG/KG	13000	U
BT-P2-AOI-06-05	SW8270	PHENANTHRENE	500	U	500	3300	UG/KG	3300	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-06-05	SW8270	PHENOL	500	U	500	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	PYRENE	500	U	500	3300	UG/KG	3300	U
BT-P2-AOI-06-05	SW8270	PYRIDINE	2000	U	2000	9900	UG/KG	9900	U
BT-P2-AOI-06-06	SW8270	1,2,4-TRICHLOROBENZENE	420	U	420	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	1,2-DICHLOROBENZENE	420	U	420	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	1,3-DICHLOROBENZENE	420	U	420	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	1,4-DICHLOROBENZENE	420	U	420	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	1-METHYLNAPHTHALENE	420	U	420	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	2,3,4,6-TETRACHLOROPHENOL	680	U	680	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	2,4,5-TRICHLOROPHENOL	420	U	420	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	2,4,6-TRICHLOROPHENOL	420	U	420	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	2,4-DICHLOROPHENOL	420	U	420	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	2,4-DIMETHYLPHENOL	420	U	420	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	2,4-DINITROPHENOL	1700	U	1700	5600	UG/KG	5600	U
BT-P2-AOI-06-06	SW8270	2,4-DINITROTOLUENE	420	U	420	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	2,6-DINITROTOLUENE	420	U	420	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	2-CHLORONAPHTHALENE	420	U	420	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	2-CHLOROPHENOL	420	U	420	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	2-METHYLNAPHTHALENE	420	U	420	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	2-METHYLPHENOL	420	U	420	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	2-NITROANILINE	420	U	420	5600	UG/KG	5600	U
BT-P2-AOI-06-06	SW8270	2-NITROPHENOL	420	U	420	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	3,3'-DICHLOROBENZIDINE	420	U	420	2800	UG/KG	2800	UJ
BT-P2-AOI-06-06	SW8270	3+4-METHYLPHENOL	420	U	420	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	3-NITROANILINE	420	U	420	5600	UG/KG	5600	U
BT-P2-AOI-06-06	SW8270	4,6-DINITRO-2-METHYLPHENOL	2500	U	2500	11000	UG/KG	11000	U
BT-P2-AOI-06-06	SW8270	4-BROMOPHENYL PHENYL ETHER	420	U	420	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	4-CHLORO-3-METHYLPHENOL	420	U	420	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	4-CHLOROANILINE	420	U	420	2800	UG/KG	2800	UJ
BT-P2-AOI-06-06	SW8270	4-CHLOROPHENYL PHENYL ETHER	420	U	420	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	4-NITROANILINE	420	U	420	5600	UG/KG	5600	U
BT-P2-AOI-06-06	SW8270	4-NITROPHENOL	420	U	420	5600	UG/KG	5600	U
BT-P2-AOI-06-06	SW8270	ACENAPHTHENE	420	U	420	2800	UG/KG	2800	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-06-06	SW8270	ACENAPHTHYLENE	420	U	420	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	ANILINE	420	U	420	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	ANTHRACENE	420	U	420	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	AZOBENZENE	420	U	420	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	BENZO(A)ANTHRACENE	420	U	420	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	BENZO(A)PYRENE	420	U	420	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	BENZO(B)FLUORANTHENE	420	U	420	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	BENZO(G,H,I)PERYLENE	420	U	420	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	BENZO(K)FLUORANTHENE	420	U	420	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	BENZOIC ACID	3000	U	3000	14000	UG/KG	14000	U
BT-P2-AOI-06-06	SW8270	BENZYL ALCOHOL	420	U	420	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	BIS(2-CHLOROETHOXY)METHANE	420	U	420	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	BIS(2-CHLOROETHYL)ETHER	420	U	420	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	BIS(2-CHLOROISOPROPYL)ETHER	510	U	510	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	BIS(2-ETHYLHEXYL)PHTHALATE	420	U	420	4200	UG/KG	4200	U
BT-P2-AOI-06-06	SW8270	BUTYL BENZYL PHTHALATE	420	U	420	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	CARBAZOLE	420	U	420	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	CHRYSENE	420	U	420	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	DIBENZO(A,H)ANTHRACENE	420	U	420	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	DIBENZOFURAN	420	U	420	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	DIETHYL PHTHALATE	420	U	420	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	DIMETHYL PHTHALATE	420	U	420	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	DI-N-BUTYL PHTHALATE	420	U	420	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	DI-N-OCTYL PHTHALATE	420	U	420	4200	UG/KG	4200	U
BT-P2-AOI-06-06	SW8270	FLUORANTHENE	420	U	420	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	FLUORENE	420	U	420	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	HEXACHLOROBENZENE	590	U	590	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	HEXACHLOROBUTADIENE	420	U	420	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	HEXACHLOROCYCLOPENTADIENE	420	U	420	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	HEXACHLOROETHANE	420	U	420	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	INDENO(1,2,3-CD)PYRENE	590	U	590	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	ISOPHORONE	420	U	420	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	NAPHTHALENE	420	U	420	2800	UG/KG	2800	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-06-06	SW8270	NITROBENZENE	420	U	420	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	N-NITROSODIMETHYLAMINE	590	U	590	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	N-NITROSO-DI-N-PROPYLAMINE	420	U	420	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	N-NITROSODIPHENYLAMINE	420	U	420	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	PENTACHLOROPHENOL	420	U	420	11000	UG/KG	11000	U
BT-P2-AOI-06-06	SW8270	PHENANTHRENE	420	U	420	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	PHENOL	420	U	420	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	PYRENE	420	U	420	2800	UG/KG	2800	U
BT-P2-AOI-06-06	SW8270	PYRIDINE	1700	U	1700	8500	UG/KG	8500	U
BT-P2-AOI-07-01	SW8270	1,2,4-TRICHLOROBENZENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	1,2-DICHLOROBENZENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	1,3-DICHLOROBENZENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	1,4-DICHLOROBENZENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	1-METHYLNAPHTHALENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	2,3,4,6-TETRACHLOROPHENOL	560	U	560	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	2,4,5-TRICHLOROPHENOL	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	2,4,6-TRICHLOROPHENOL	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	2,4-DICHLOROPHENOL	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	2,4-DIMETHYLPHENOL	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	2,4-DINITROPHENOL	1400	U	1400	4600	UG/KG	4600	U
BT-P2-AOI-07-01	SW8270	2,4-DINITROTOLUENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	2,6-DINITROTOLUENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	2-CHLORONAPHTHALENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	2-CHLOROPHENOL	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	2-METHYLNAPHTHALENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	2-METHYLPHENOL	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	2-NITROANILINE	350	U	350	4600	UG/KG	4600	U
BT-P2-AOI-07-01	SW8270	2-NITROPHENOL	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	3,3'-DICHLOROBENZIDINE	350	U	350	2300	UG/KG	2300	UJ
BT-P2-AOI-07-01	SW8270	3+4-METHYLPHENOL	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	3-NITROANILINE	350	U	350	4600	UG/KG	4600	U
BT-P2-AOI-07-01	SW8270	4,6-DINITRO-2-METHYLPHENOL	2100	U	2100	9300	UG/KG	9300	U
BT-P2-AOI-07-01	SW8270	4-BROMOPHENYL PHENYL ETHER	350	U	350	2300	UG/KG	2300	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-07-01	SW8270	4-CHLORO-3-METHYLPHENOL	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	4-CHLOROANILINE	350	U	350	2300	UG/KG	2300	UJ
BT-P2-AOI-07-01	SW8270	4-CHLOROPHENYL PHENYL ETHER	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	4-NITROANILINE	350	U	350	4600	UG/KG	4600	U
BT-P2-AOI-07-01	SW8270	4-NITROPHENOL	350	U	350	4600	UG/KG	4600	U
BT-P2-AOI-07-01	SW8270	ACENAPHTHENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	ACENAPHTHYLENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	ANILINE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	ANTHRACENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	AZOBENZENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	BENZO(A)ANTHRACENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	BENZO(A)PYRENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	BENZO(B)FLUORANTHENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	BENZO(G,H,I)PERYLENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	BENZO(K)FLUORANTHENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	BENZOIC ACID	2400	U	2400	12000	UG/KG	12000	U
BT-P2-AOI-07-01	SW8270	BENZYL ALCOHOL	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	BIS(2-CHLOROETHOXY)METHANE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	BIS(2-CHLOROETHYL)ETHER	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	BIS(2-CHLOROISOPROPYL)ETHER	420	U	420	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	BIS(2-ETHYLHEXYL)PHTHALATE	350	U	350	3500	UG/KG	3500	U
BT-P2-AOI-07-01	SW8270	BUTYL BENZYL PHTHALATE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	CARBAZOLE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	CHRYSENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	DIBENZO(A,H)ANTHRACENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	DIBENZOFURAN	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	DIETHYL PHTHALATE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	DIMETHYL PHTHALATE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	DI-N-BUTYL PHTHALATE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	DI-N-OCTYL PHTHALATE	350	U	350	3500	UG/KG	3500	U
BT-P2-AOI-07-01	SW8270	FLUORANTHENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	FLUORENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	HEXACHLOROBENZENE	490	U	490	2300	UG/KG	2300	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-07-01	SW8270	HEXACHLOROBUTADIENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	HEXACHLOROCYCLOPENTADIENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	HEXACHLOROETHANE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	INDENO(1,2,3-CD)PYRENE	490	U	490	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	ISOPHORONE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	NAPHTHALENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	NITROBENZENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	N-NITROSODIMETHYLAMINE	490	U	490	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	N-NITROSO-DI-N-PROPYLAMINE	510	J	350	2300	UG/KG	510	J
BT-P2-AOI-07-01	SW8270	N-NITROSODIPHENYLAMINE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	PENTACHLOROPHENOL	350	U	350	9300	UG/KG	9300	U
BT-P2-AOI-07-01	SW8270	PHENANTHRENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	PHENOL	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	PYRENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-01	SW8270	PYRIDINE	1400	U	1400	7000	UG/KG	7000	U
BT-P2-AOI-07-02	SW8270	1,2,4-TRICHLOROBENZENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	1,2-DICHLOROBENZENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	1,3-DICHLOROBENZENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	1,4-DICHLOROBENZENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	1-METHYLNAPHTHALENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	2,3,4,6-TETRACHLOROPHENOL	560	U	560	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	2,4,5-TRICHLOROPHENOL	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	2,4,6-TRICHLOROPHENOL	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	2,4-DICHLOROPHENOL	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	2,4-DIMETHYLPHENOL	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	2,4-DINITROPHENOL	1400	U	1400	4700	UG/KG	4700	U
BT-P2-AOI-07-02	SW8270	2,4-DINITROTOLUENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	2,6-DINITROTOLUENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	2-CHLORONAPHTHALENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	2-CHLOROPHENOL	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	2-METHYLNAPHTHALENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	2-METHYLPHENOL	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	2-NITROANILINE	350	U	350	4700	UG/KG	4700	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-07-02	SW8270	2-NITROPHENOL	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	3,3'-DICHLOROBENZIDINE	350	U	350	2300	UG/KG	2300	UJ
BT-P2-AOI-07-02	SW8270	3+4-METHYLPHENOL	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	3-NITROANILINE	350	U	350	4700	UG/KG	4700	U
BT-P2-AOI-07-02	SW8270	4,6-DINITRO-2-METHYLPHENOL	2100	U	2100	9400	UG/KG	9400	U
BT-P2-AOI-07-02	SW8270	4-BROMOPHENYL PHENYL ETHER	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	4-CHLORO-3-METHYLPHENOL	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	4-CHLOROANILINE	350	U	350	2300	UG/KG	2300	UJ
BT-P2-AOI-07-02	SW8270	4-CHLOROPHENYL PHENYL ETHER	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	4-NITROANILINE	350	U	350	4700	UG/KG	4700	U
BT-P2-AOI-07-02	SW8270	4-NITROPHENOL	350	U	350	4700	UG/KG	4700	U
BT-P2-AOI-07-02	SW8270	ACENAPHTHENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	ACENAPHTHYLENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	ANILINE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	ANTHRACENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	AZOBENZENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	BENZO(A)ANTHRACENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	BENZO(A)PYRENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	BENZO(B)FLUORANTHENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	BENZO(G,H,I)PERYLENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	BENZO(K)FLUORANTHENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	BENZOIC ACID	2500	U	2500	12000	UG/KG	12000	U
BT-P2-AOI-07-02	SW8270	BENZYL ALCOHOL	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	BIS(2-CHLOROETHOXY)METHANE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	BIS(2-CHLOROETHYL)ETHER	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	BIS(2-CHLOROISOPROPYL)ETHER	420	U	420	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	BIS(2-ETHYLHEXYL)PHTHALATE	350	U	350	3500	UG/KG	3500	U
BT-P2-AOI-07-02	SW8270	BUTYL BENZYL PHTHALATE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	CARBAZOLE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	CHRYSENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	DIBENZO(A,H)ANTHRACENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	DIBENZOFURAN	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	DIETHYL PHTHALATE	350	U	350	2300	UG/KG	2300	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-07-02	SW8270	DIMETHYL PHTHALATE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	DI-N-BUTYL PHTHALATE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	DI-N-OCTYL PHTHALATE	350	U	350	3500	UG/KG	3500	U
BT-P2-AOI-07-02	SW8270	FLUORANTHENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	FLUORENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	HEXACHLOROBENZENE	490	U	490	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	HEXACHLOROBUTADIENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	HEXACHLOROCYCLOPENTADIENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	HEXACHLOROETHANE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	INDENO(1,2,3-CD)PYRENE	490	U	490	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	ISOPHORONE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	NAPHTHALENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	NITROBENZENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	N-NITROSODIMETHYLAMINE	490	U	490	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	N-NITROSO-DI-N-PROPYLAMINE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	N-NITROSODIPHENYLAMINE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	PENTACHLOROPHENOL	350	U	350	9400	UG/KG	9400	U
BT-P2-AOI-07-02	SW8270	PHENANTHRENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	PHENOL	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	PYRENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-07-02	SW8270	PYRIDINE	1400	U	1400	7000	UG/KG	7000	U
BT-P2-AOI-08-01	SW8270	1,2,4-TRICHLOROBENZENE	340	U	340	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	1,2-DICHLOROBENZENE	340	U	340	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	1,3-DICHLOROBENZENE	340	U	340	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	1,4-DICHLOROBENZENE	340	U	340	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	1-METHYLNAPHTHALENE	340	U	340	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	2,3,4,6-TETRACHLOROPHENOL	540	U	540	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	2,4,5-TRICHLOROPHENOL	340	U	340	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	2,4,6-TRICHLOROPHENOL	340	U	340	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	2,4-DICHLOROPHENOL	340	U	340	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	2,4-DIMETHYLPHENOL	340	U	340	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	2,4-DINITROPHENOL	1400	U	1400	4500	UG/KG	4500	U
BT-P2-AOI-08-01	SW8270	2,4-DINITROTOLUENE	340	U	340	2300	UG/KG	2300	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-08-01	SW8270	2,6-DINITROTOLUENE	340	U	340	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	2-CHLORONAPHTHALENE	340	U	340	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	2-CHLOROPHENOL	340	U	340	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	2-METHYLNAPHTHALENE	340	U	340	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	2-METHYLPHENOL	340	U	340	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	2-NITROANILINE	340	U	340	4500	UG/KG	4500	U
BT-P2-AOI-08-01	SW8270	2-NITROPHENOL	340	U	340	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	3,3'-DICHLOROBENZIDINE	340	U	340	2300	UG/KG	2300	UJ
BT-P2-AOI-08-01	SW8270	3+4-METHYLPHENOL	340	U	340	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	3-NITROANILINE	340	U	340	4500	UG/KG	4500	U
BT-P2-AOI-08-01	SW8270	4,6-DINITRO-2-METHYLPHENOL	2000	U	2000	9100	UG/KG	9100	U
BT-P2-AOI-08-01	SW8270	4-BROMOPHENYL PHENYL ETHER	340	U	340	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	4-CHLORO-3-METHYLPHENOL	340	U	340	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	4-CHLOROANILINE	340	U	340	2300	UG/KG	2300	UJ
BT-P2-AOI-08-01	SW8270	4-CHLOROPHENYL PHENYL ETHER	340	U	340	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	4-NITROANILINE	340	U	340	4500	UG/KG	4500	U
BT-P2-AOI-08-01	SW8270	4-NITROPHENOL	340	U	340	4500	UG/KG	4500	U
BT-P2-AOI-08-01	SW8270	ACENAPHTHENE	340	U	340	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	ACENAPHTHYLENE	340	U	340	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	ANILINE	340	U	340	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	ANTHRACENE	340	U	340	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	AZOBENZENE	340	U	340	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	BENZO(A)ANTHRACENE	340	U	340	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	BENZO(A)PYRENE	340	U	340	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	BENZO(B)FLUORANTHENE	340	U	340	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	BENZO(G,H,I)PERYLENE	340	U	340	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	BENZO(K)FLUORANTHENE	340	U	340	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	BENZOIC ACID	2400	U	2400	11000	UG/KG	11000	U
BT-P2-AOI-08-01	SW8270	BENZYL ALCOHOL	340	U	340	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	BIS(2-CHLOROETHOXY)METHANE	340	U	340	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	BIS(2-CHLOROETHYL)ETHER	340	U	340	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	BIS(2-CHLOROISOPROPYL)ETHER	410	U	410	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	BIS(2-ETHYLHEXYL)PHTHALATE	340	U	340	3400	UG/KG	3400	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-08-01	SW8270	BUTYL BENZYL PHTHALATE	340	U	340	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	CARBAZOLE	340	U	340	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	CHRYSENE	340	U	340	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	DIBENZO(A,H)ANTHRACENE	340	U	340	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	DIBENZOFURAN	340	U	340	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	DIETHYL PHTHALATE	340	U	340	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	DIMETHYL PHTHALATE	340	U	340	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	DI-N-BUTYL PHTHALATE	340	U	340	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	DI-N-OCTYL PHTHALATE	340	U	340	3400	UG/KG	3400	U
BT-P2-AOI-08-01	SW8270	FLUORANTHENE	340	U	340	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	FLUORENE	340	U	340	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	HEXACHLOROBENZENE	480	U	480	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	HEXACHLOROBUTADIENE	340	U	340	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	HEXACHLOROCYCLOPENTADIENE	340	U	340	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	HEXACHLOROETHANE	340	U	340	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	INDENO(1,2,3-CD)PYRENE	480	U	480	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	ISOPHORONE	340	U	340	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	NAPHTHALENE	340	U	340	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	NITROBENZENE	340	U	340	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	N-NITROSODIMETHYLAMINE	480	U	480	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	N-NITROSO-DI-N-PROPYLAMINE	340	U	340	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	N-NITROSODIPHENYLAMINE	340	U	340	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	PENTACHLOROPHENOL	340	U	340	9100	UG/KG	9100	U
BT-P2-AOI-08-01	SW8270	PHENANTHRENE	340	U	340	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	PHENOL	340	U	340	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	PYRENE	340	U	340	2300	UG/KG	2300	U
BT-P2-AOI-08-01	SW8270	PYRIDINE	1400	U	1400	6800	UG/KG	6800	U
BT-P2-AOI-08-02	SW8270	1,2,4-TRICHLOROBENZENE	380	U	380	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	1,2-DICHLOROBENZENE	380	U	380	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	1,3-DICHLOROBENZENE	380	U	380	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	1,4-DICHLOROBENZENE	380	U	380	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	1-METHYLNAPHTHALENE	380	U	380	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	2,3,4,6-TETRACHLOROPHENOL	610	U	610	2600	UG/KG	2600	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-08-02	SW8270	2,4,5-TRICHLOROPHENOL	380	U	380	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	2,4,6-TRICHLOROPHENOL	380	U	380	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	2,4-DICHLOROPHENOL	380	U	380	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	2,4-DIMETHYLPHENOL	380	U	380	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	2,4-DINITROPHENOL	1500	U	1500	5100	UG/KG	5100	U
BT-P2-AOI-08-02	SW8270	2,4-DINITROTOLUENE	380	U	380	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	2,6-DINITROTOLUENE	380	U	380	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	2-CHLORONAPHTHALENE	380	U	380	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	2-CHLOROPHENOL	380	U	380	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	2-METHYLNAPHTHALENE	380	U	380	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	2-METHYLPHENOL	380	U	380	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	2-NITROANILINE	380	U	380	5100	UG/KG	5100	U
BT-P2-AOI-08-02	SW8270	2-NITROPHENOL	380	U	380	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	3,3'-DICHLOROBENZIDINE	380	U	380	2600	UG/KG	2600	UJ
BT-P2-AOI-08-02	SW8270	3+4-METHYLPHENOL	380	U	380	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	3-NITROANILINE	380	U	380	5100	UG/KG	5100	U
BT-P2-AOI-08-02	SW8270	4,6-DINITRO-2-METHYLPHENOL	2300	U	2300	10000	UG/KG	10000	U
BT-P2-AOI-08-02	SW8270	4-BROMOPHENYL PHENYL ETHER	380	U	380	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	4-CHLORO-3-METHYLPHENOL	380	U	380	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	4-CHLOROANILINE	380	U	380	2600	UG/KG	2600	UJ
BT-P2-AOI-08-02	SW8270	4-CHLOROPHENYL PHENYL ETHER	380	U	380	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	4-NITROANILINE	380	U	380	5100	UG/KG	5100	U
BT-P2-AOI-08-02	SW8270	4-NITROPHENOL	380	U	380	5100	UG/KG	5100	U
BT-P2-AOI-08-02	SW8270	ACENAPHTHENE	380	U	380	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	ACENAPHTHYLENE	380	U	380	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	ANILINE	380	U	380	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	ANTHRACENE	380	U	380	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	AZOBENZENE	380	U	380	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	BENZO(A)ANTHRACENE	380	U	380	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	BENZO(A)PYRENE	380	U	380	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	BENZO(B)FLUORANTHENE	380	U	380	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	BENZO(G,H,I)PERYLENE	380	U	380	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	BENZO(K)FLUORANTHENE	380	U	380	2600	UG/KG	2600	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-08-02	SW8270	BENZOIC ACID	2700	U	2700	13000	UG/KG	13000	U
BT-P2-AOI-08-02	SW8270	BENZYL ALCOHOL	380	U	380	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	BIS(2-CHLOROETHOXY)METHANE	380	U	380	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	BIS(2-CHLOROETHYL)ETHER	380	U	380	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	BIS(2-CHLOROISOPROPYL)ETHER	460	U	460	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	BIS(2-ETHYLHEXYL)PHTHALATE	380	U	380	3800	UG/KG	3800	U
BT-P2-AOI-08-02	SW8270	BUTYL BENZYL PHTHALATE	380	U	380	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	CARBAZOLE	380	U	380	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	CHRYSENE	380	U	380	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	DIBENZO(A,H)ANTHRACENE	380	U	380	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	DIBENZOFURAN	380	U	380	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	DIETHYL PHTHALATE	380	U	380	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	DIMETHYL PHTHALATE	380	U	380	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	DI-N-BUTYL PHTHALATE	380	U	380	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	DI-N-OCTYL PHTHALATE	380	U	380	3800	UG/KG	3800	U
BT-P2-AOI-08-02	SW8270	FLUORANTHENE	380	U	380	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	FLUORENE	380	U	380	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	HEXACHLOROBENZENE	540	U	540	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	HEXACHLOROBUTADIENE	380	U	380	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	HEXACHLOROCYCLOPENTADIENE	380	U	380	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	HEXACHLOROETHANE	380	U	380	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	INDENO(1,2,3-CD)PYRENE	540	U	540	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	ISOPHORONE	380	U	380	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	NAPHTHALENE	380	U	380	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	NITROBENZENE	380	U	380	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	N-NITROSODIMETHYLAMINE	540	U	540	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	N-NITROSO-DI-N-PROPYLAMINE	380	U	380	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	N-NITROSODIPHENYLAMINE	380	U	380	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	PENTACHLOROPHENOL	380	U	380	10000	UG/KG	10000	U
BT-P2-AOI-08-02	SW8270	PHENANTHRENE	380	U	380	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	PHENOL	380	U	380	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	PYRENE	380	U	380	2600	UG/KG	2600	U
BT-P2-AOI-08-02	SW8270	PYRIDINE	1500	U	1500	7700	UG/KG	7700	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-09-01	SW8270	1,2,4-TRICHLOROBENZENE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-09-01	SW8270	1,2-DICHLOROBENZENE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-09-01	SW8270	1,3-DICHLOROBENZENE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-09-01	SW8270	1,4-DICHLOROBENZENE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-09-01	SW8270	1-METHYLNAPHTHALENE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-09-01	SW8270	2,3,4,6-TETRACHLOROPHENOL	190	U	190	790	UG/KG	790	U
BT-P2-AOI-09-01	SW8270	2,4,5-TRICHLOROPHENOL	120	U	120	790	UG/KG	790	U
BT-P2-AOI-09-01	SW8270	2,4,6-TRICHLOROPHENOL	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-09-01	SW8270	2,4-DICHLOROPHENOL	120	U	120	790	UG/KG	790	U
BT-P2-AOI-09-01	SW8270	2,4-DIMETHYLPHENOL	120	U	120	790	UG/KG	790	U
BT-P2-AOI-09-01	SW8270	2,4-DINITROPHENOL	470	U	470	1600	UG/KG	1600	UJ
BT-P2-AOI-09-01	SW8270	2,4-DINITROTOLUENE	120	U	120	790	UG/KG	790	U
BT-P2-AOI-09-01	SW8270	2,6-DINITROTOLUENE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-09-01	SW8270	2-CHLORONAPHTHALENE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-09-01	SW8270	2-CHLOROPHENOL	120	U	120	790	UG/KG	790	U
BT-P2-AOI-09-01	SW8270	2-METHYLNAPHTHALENE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-09-01	SW8270	2-METHYLPHENOL	120	U	120	790	UG/KG	790	U
BT-P2-AOI-09-01	SW8270	2-NITROANILINE	120	U	120	1600	UG/KG	1600	U
BT-P2-AOI-09-01	SW8270	2-NITROPHENOL	120	U	120	790	UG/KG	790	U
BT-P2-AOI-09-01	SW8270	3,3'-DICHLOROBENZIDINE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-09-01	SW8270	3+4-METHYLPHENOL	120	U	120	790	UG/KG	790	U
BT-P2-AOI-09-01	SW8270	3-NITROANILINE	120	U	120	1600	UG/KG	1600	U
BT-P2-AOI-09-01	SW8270	4,6-DINITRO-2-METHYLPHENOL	710	U	710	3200	UG/KG	3200	UJ
BT-P2-AOI-09-01	SW8270	4-BROMOPHENYL PHENYL ETHER	120	U	120	790	UG/KG	790	U
BT-P2-AOI-09-01	SW8270	4-CHLORO-3-METHYLPHENOL	120	U	120	790	UG/KG	790	U
BT-P2-AOI-09-01	SW8270	4-CHLOROANILINE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-09-01	SW8270	4-CHLOROPHENYL PHENYL ETHER	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-09-01	SW8270	4-NITROANILINE	120	U	120	1600	UG/KG	1600	U
BT-P2-AOI-09-01	SW8270	4-NITROPHENOL	120	U	120	1600	UG/KG	1600	U
BT-P2-AOI-09-01	SW8270	ACENAPHTHENE	120	U	120	790	UG/KG	790	U
BT-P2-AOI-09-01	SW8270	ACENAPHTHYLENE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-09-01	SW8270	ANILINE	120	U	120	790	UG/KG	790	U
BT-P2-AOI-09-01	SW8270	ANTHRACENE	120	U	120	790	UG/KG	790	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-09-01	SW8270	AZOBENZENE	120	U	120	790	UG/KG	790	U
BT-P2-AOI-09-01	SW8270	BENZO(A)ANTHRACENE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-09-01	SW8270	BENZO(A)PYRENE	120	U	120	790	UG/KG	790	U
BT-P2-AOI-09-01	SW8270	BENZO(B)FLUORANTHENE	120	U	120	790	UG/KG	790	U
BT-P2-AOI-09-01	SW8270	BENZO(G,H,I)PERYLENE	120	U	120	790	UG/KG	790	U
BT-P2-AOI-09-01	SW8270	BENZO(K)FLUORANTHENE	120	U	120	790	UG/KG	790	U
BT-P2-AOI-09-01	SW8270	BENZOIC ACID	830	U	830	3900	UG/KG	3900	U
BT-P2-AOI-09-01	SW8270	BENZYL ALCOHOL	120	U	120	790	UG/KG	790	U
BT-P2-AOI-09-01	SW8270	BIS(2-CHLOROETHOXY)METHANE	120	U	120	790	UG/KG	790	U
BT-P2-AOI-09-01	SW8270	BIS(2-CHLOROETHYL)ETHER	120	U	120	790	UG/KG	790	U
BT-P2-AOI-09-01	SW8270	BIS(2-CHLOROISOPROPYL)ETHER	140	U	140	790	UG/KG	790	U
BT-P2-AOI-09-01	SW8270	BIS(2-ETHYLHEXYL)PHTHALATE	270	JB	120	1200	UG/KG	1200	U
BT-P2-AOI-09-01	SW8270	BUTYL BENZYL PHTHALATE	120	U	120	790	UG/KG	790	U
BT-P2-AOI-09-01	SW8270	CARBAZOLE	120	U	120	790	UG/KG	790	U
BT-P2-AOI-09-01	SW8270	CHRYSENE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-09-01	SW8270	DIBENZO(A,H)ANTHRACENE	120	U	120	790	UG/KG	790	U
BT-P2-AOI-09-01	SW8270	DIBENZOFURAN	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-09-01	SW8270	DIETHYL PHTHALATE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-09-01	SW8270	DIMETHYL PHTHALATE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-09-01	SW8270	DI-N-BUTYL PHTHALATE	120	U	120	790	UG/KG	790	U
BT-P2-AOI-09-01	SW8270	DI-N-OCTYL PHTHALATE	120	U	120	1200	UG/KG	1200	U
BT-P2-AOI-09-01	SW8270	FLUORANTHENE	120	U	120	790	UG/KG	790	U
BT-P2-AOI-09-01	SW8270	FLUORENE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-09-01	SW8270	HEXACHLOROBENZENE	170	U	170	790	UG/KG	790	U
BT-P2-AOI-09-01	SW8270	HEXACHLOROBUTADIENE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-09-01	SW8270	HEXACHLOROCYCLOPENTADIENE	120	U	120	790	UG/KG	790	U
BT-P2-AOI-09-01	SW8270	HEXACHLOROETHANE	120	U	120	790	UG/KG	790	U
BT-P2-AOI-09-01	SW8270	INDENO(1,2,3-CD)PYRENE	170	U	170	790	UG/KG	790	U
BT-P2-AOI-09-01	SW8270	ISOPHORONE	120	U	120	790	UG/KG	790	U
BT-P2-AOI-09-01	SW8270	NAPHTHALENE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-09-01	SW8270	NITROBENZENE	120	U	120	790	UG/KG	790	U
BT-P2-AOI-09-01	SW8270	N-NITROSODIMETHYLAMINE	170	U	170	790	UG/KG	790	U
BT-P2-AOI-09-01	SW8270	N-NITROSO-DI-N-PROPYLAMINE	120	U	120	790	UG/KG	790	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-09-01	SW8270	N-NITROSODIPHENYLAMINE	120	U	120	790	UG/KG	790	UJ
BT-P2-AOI-09-01	SW8270	PENTACHLOROPHENOL	120	U	120	3200	UG/KG	3200	U
BT-P2-AOI-09-01	SW8270	PHENANTHRENE	120	U	120	790	UG/KG	790	U
BT-P2-AOI-09-01	SW8270	PHENOL	120	U	120	790	UG/KG	790	U
BT-P2-AOI-09-01	SW8270	PYRENE	120	U	120	790	UG/KG	790	U
BT-P2-AOI-09-01	SW8270	PYRIDINE	470	U	470	2400	UG/KG	2400	U
BT-P2-AOI-09-02	SW8270	1,2,4-TRICHLOROBENZENE	550	U	550	3600	UG/KG	3600	UJ
BT-P2-AOI-09-02	SW8270	1,2-DICHLOROBENZENE	550	U	550	3600	UG/KG	3600	UJ
BT-P2-AOI-09-02	SW8270	1,3-DICHLOROBENZENE	550	U	550	3600	UG/KG	3600	UJ
BT-P2-AOI-09-02	SW8270	1,4-DICHLOROBENZENE	550	U	550	3600	UG/KG	3600	UJ
BT-P2-AOI-09-02	SW8270	1-METHYLNAPHTHALENE	3700		550	3600	UG/KG	3700	J-
BT-P2-AOI-09-02	SW8270	2,3,4,6-TETRACHLOROPHENOL	870	U	870	3600	UG/KG	3600	U
BT-P2-AOI-09-02	SW8270	2,4,5-TRICHLOROPHENOL	550	U	550	3600	UG/KG	3600	U
BT-P2-AOI-09-02	SW8270	2,4,6-TRICHLOROPHENOL	550	U	550	3600	UG/KG	3600	UJ
BT-P2-AOI-09-02	SW8270	2,4-DICHLOROPHENOL	550	U	550	3600	UG/KG	3600	U
BT-P2-AOI-09-02	SW8270	2,4-DIMETHYLPHENOL	550	U	550	3600	UG/KG	3600	U
BT-P2-AOI-09-02	SW8270	2,4-DINITROPHENOL	2200	U	2200	7300	UG/KG	7300	UJ
BT-P2-AOI-09-02	SW8270	2,4-DINITROTOLUENE	550	U	550	3600	UG/KG	3600	U
BT-P2-AOI-09-02	SW8270	2,6-DINITROTOLUENE	550	U	550	3600	UG/KG	3600	UJ
BT-P2-AOI-09-02	SW8270	2-CHLORONAPHTHALENE	550	U	550	3600	UG/KG	3600	UJ
BT-P2-AOI-09-02	SW8270	2-CHLOROPHENOL	550	U	550	3600	UG/KG	3600	U
BT-P2-AOI-09-02	SW8270	2-METHYLNAPHTHALENE	2600	J	550	3600	UG/KG	2600	J-
BT-P2-AOI-09-02	SW8270	2-METHYLPHENOL	550	U	550	3600	UG/KG	3600	U
BT-P2-AOI-09-02	SW8270	2-NITROANILINE	550	U	550	7300	UG/KG	7300	U
BT-P2-AOI-09-02	SW8270	2-NITROPHENOL	550	U	550	3600	UG/KG	3600	U
BT-P2-AOI-09-02	SW8270	3,3'-DICHLOROBENZIDINE	550	U	550	3600	UG/KG	3600	UJ
BT-P2-AOI-09-02	SW8270	3+4-METHYLPHENOL	550	U	550	3600	UG/KG	3600	U
BT-P2-AOI-09-02	SW8270	3-NITROANILINE	550	U	550	7300	UG/KG	7300	U
BT-P2-AOI-09-02	SW8270	4,6-DINITRO-2-METHYLPHENOL	3300	U	3300	15000	UG/KG	15000	UJ
BT-P2-AOI-09-02	SW8270	4-BROMOPHENYL PHENYL ETHER	550	U	550	3600	UG/KG	3600	U
BT-P2-AOI-09-02	SW8270	4-CHLORO-3-METHYLPHENOL	550	U	550	3600	UG/KG	3600	U
BT-P2-AOI-09-02	SW8270	4-CHLOROANILINE	550	U	550	3600	UG/KG	3600	UJ
BT-P2-AOI-09-02	SW8270	4-CHLOROPHENYL PHENYL ETHER	550	U	550	3600	UG/KG	3600	UJ

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-09-02	SW8270	4-NITROANILINE	550	U	550	7300	UG/KG	7300	U
BT-P2-AOI-09-02	SW8270	4-NITROPHENOL	550	U	550	7300	UG/KG	7300	U
BT-P2-AOI-09-02	SW8270	ACENAPHTHENE	550	U	550	3600	UG/KG	3600	U
BT-P2-AOI-09-02	SW8270	ACENAPHTHYLENE	550	U	550	3600	UG/KG	3600	UJ
BT-P2-AOI-09-02	SW8270	ANILINE	550	U	550	3600	UG/KG	3600	U
BT-P2-AOI-09-02	SW8270	ANTHRACENE	550	U	550	3600	UG/KG	3600	U
BT-P2-AOI-09-02	SW8270	AZOBENZENE	550	U	550	3600	UG/KG	3600	U
BT-P2-AOI-09-02	SW8270	BENZO(A)ANTHRACENE	550	U	550	3600	UG/KG	3600	UJ
BT-P2-AOI-09-02	SW8270	BENZO(A)PYRENE	550	U	550	3600	UG/KG	3600	U
BT-P2-AOI-09-02	SW8270	BENZO(B)FLUORANTHENE	550	U	550	3600	UG/KG	3600	U
BT-P2-AOI-09-02	SW8270	BENZO(G,H,I)PERYLENE	550	U	550	3600	UG/KG	3600	U
BT-P2-AOI-09-02	SW8270	BENZO(K)FLUORANTHENE	550	U	550	3600	UG/KG	3600	U
BT-P2-AOI-09-02	SW8270	BENZOIC ACID	3800	U	3800	18000	UG/KG	18000	U
BT-P2-AOI-09-02	SW8270	BENZYL ALCOHOL	550	U	550	3600	UG/KG	3600	U
BT-P2-AOI-09-02	SW8270	BIS(2-CHLOROETHOXY)METHANE	550	U	550	3600	UG/KG	3600	U
BT-P2-AOI-09-02	SW8270	BIS(2-CHLOROETHYL)ETHER	550	U	550	3600	UG/KG	3600	U
BT-P2-AOI-09-02	SW8270	BIS(2-CHLOROISOPROPYL)ETHER	650	U	650	3600	UG/KG	3600	U
BT-P2-AOI-09-02	SW8270	BIS(2-ETHYLHEXYL)PHTHALATE	550	U	550	5500	UG/KG	5500	U
BT-P2-AOI-09-02	SW8270	BUTYL BENZYL PHTHALATE	550	U	550	3600	UG/KG	3600	U
BT-P2-AOI-09-02	SW8270	CARBAZOLE	550	U	550	3600	UG/KG	3600	U
BT-P2-AOI-09-02	SW8270	CHRYSENE	550	U	550	3600	UG/KG	3600	UJ
BT-P2-AOI-09-02	SW8270	DIBENZO(A,H)ANTHRACENE	550	U	550	3600	UG/KG	3600	U
BT-P2-AOI-09-02	SW8270	DIBENZOFURAN	550	U	550	3600	UG/KG	3600	UJ
BT-P2-AOI-09-02	SW8270	DIETHYL PHTHALATE	550	U	550	3600	UG/KG	3600	UJ
BT-P2-AOI-09-02	SW8270	DIMETHYL PHTHALATE	550	U	550	3600	UG/KG	3600	UJ
BT-P2-AOI-09-02	SW8270	DI-N-BUTYL PHTHALATE	550	U	550	3600	UG/KG	3600	U
BT-P2-AOI-09-02	SW8270	DI-N-OCTYL PHTHALATE	550	U	550	5500	UG/KG	5500	U
BT-P2-AOI-09-02	SW8270	FLUORANTHENE	1200	J	550	3600	UG/KG	1200	J
BT-P2-AOI-09-02	SW8270	FLUORENE	550	U	550	3600	UG/KG	3600	UJ
BT-P2-AOI-09-02	SW8270	HEXACHLOROBENZENE	760	U	760	3600	UG/KG	3600	U
BT-P2-AOI-09-02	SW8270	HEXACHLOROBUTADIENE	550	U	550	3600	UG/KG	3600	UJ
BT-P2-AOI-09-02	SW8270	HEXACHLOROCYCLOPENTADIENE	550	U	550	3600	UG/KG	3600	U
BT-P2-AOI-09-02	SW8270	HEXACHLOROETHANE	550	U	550	3600	UG/KG	3600	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-09-02	SW8270	INDENO(1,2,3-CD)PYRENE	760	U	760	3600	UG/KG	3600	U
BT-P2-AOI-09-02	SW8270	ISOPHORONE	550	U	550	3600	UG/KG	3600	U
BT-P2-AOI-09-02	SW8270	NAPHTHALENE	1200	J	550	3600	UG/KG	1200	J-
BT-P2-AOI-09-02	SW8270	NITROBENZENE	550	U	550	3600	UG/KG	3600	U
BT-P2-AOI-09-02	SW8270	N-NITROSODIMETHYLAMINE	760	U	760	3600	UG/KG	3600	U
BT-P2-AOI-09-02	SW8270	N-NITROSO-DI-N-PROPYLAMINE	550	U	550	3600	UG/KG	3600	U
BT-P2-AOI-09-02	SW8270	N-NITROSODIPHENYLAMINE	550	U	550	3600	UG/KG	3600	UJ
BT-P2-AOI-09-02	SW8270	PENTACHLOROPHENOL	550	U	550	15000	UG/KG	15000	U
BT-P2-AOI-09-02	SW8270	PHENANTHRENE	1900	J	550	3600	UG/KG	1900	J
BT-P2-AOI-09-02	SW8270	PHENOL	550	U	550	3600	UG/KG	3600	U
BT-P2-AOI-09-02	SW8270	PYRENE	550	U	550	3600	UG/KG	3600	U
BT-P2-AOI-09-02	SW8270	PYRIDINE	2200	U	2200	11000	UG/KG	11000	U
BT-P2-AOI-09-03	SW8270	1,2,4-TRICHLOROBENZENE	580	U	580	3900	UG/KG	3900	UJ
BT-P2-AOI-09-03	SW8270	1,2-DICHLOROBENZENE	580	U	580	3900	UG/KG	3900	UJ
BT-P2-AOI-09-03	SW8270	1,3-DICHLOROBENZENE	580	U	580	3900	UG/KG	3900	UJ
BT-P2-AOI-09-03	SW8270	1,4-DICHLOROBENZENE	580	U	580	3900	UG/KG	3900	UJ
BT-P2-AOI-09-03	SW8270	1-METHYLNAPHTHALENE	580	U	580	3900	UG/KG	3900	UJ
BT-P2-AOI-09-03	SW8270	2,3,4,6-TETRACHLOROPHENOL	930	U	930	3900	UG/KG	3900	U
BT-P2-AOI-09-03	SW8270	2,4,5-TRICHLOROPHENOL	580	U	580	3900	UG/KG	3900	U
BT-P2-AOI-09-03	SW8270	2,4,6-TRICHLOROPHENOL	580	U	580	3900	UG/KG	3900	UJ
BT-P2-AOI-09-03	SW8270	2,4-DICHLOROPHENOL	580	U	580	3900	UG/KG	3900	U
BT-P2-AOI-09-03	SW8270	2,4-DIMETHYLPHENOL	580	U	580	3900	UG/KG	3900	U
BT-P2-AOI-09-03	SW8270	2,4-DINITROPHENOL	2300	U	2300	7800	UG/KG	7800	UJ
BT-P2-AOI-09-03	SW8270	2,4-DINITROTOLUENE	580	U	580	3900	UG/KG	3900	U
BT-P2-AOI-09-03	SW8270	2,6-DINITROTOLUENE	580	U	580	3900	UG/KG	3900	UJ
BT-P2-AOI-09-03	SW8270	2-CHLORONAPHTHALENE	580	U	580	3900	UG/KG	3900	UJ
BT-P2-AOI-09-03	SW8270	2-CHLOROPHENOL	580	U	580	3900	UG/KG	3900	U
BT-P2-AOI-09-03	SW8270	2-METHYLNAPHTHALENE	580	U	580	3900	UG/KG	3900	UJ
BT-P2-AOI-09-03	SW8270	2-METHYLPHENOL	580	U	580	3900	UG/KG	3900	U
BT-P2-AOI-09-03	SW8270	2-NITROANILINE	580	U	580	7800	UG/KG	7800	U
BT-P2-AOI-09-03	SW8270	2-NITROPHENOL	580	U	580	3900	UG/KG	3900	U
BT-P2-AOI-09-03	SW8270	3,3'-DICHLOROBENZIDINE	580	U	580	3900	UG/KG	3900	UJ
BT-P2-AOI-09-03	SW8270	3+4-METHYLPHENOL	580	U	580	3900	UG/KG	3900	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-09-03	SW8270	3-NITROANILINE	580	U	580	7800	UG/KG	7800	U
BT-P2-AOI-09-03	SW8270	4,6-DINITRO-2-METHYLPHENOL	3500	U	3500	16000	UG/KG	16000	UJ
BT-P2-AOI-09-03	SW8270	4-BROMOPHENYL PHENYL ETHER	580	U	580	3900	UG/KG	3900	U
BT-P2-AOI-09-03	SW8270	4-CHLORO-3-METHYLPHENOL	580	U	580	3900	UG/KG	3900	U
BT-P2-AOI-09-03	SW8270	4-CHLOROANILINE	580	U	580	3900	UG/KG	3900	UJ
BT-P2-AOI-09-03	SW8270	4-CHLOROPHENYL PHENYL ETHER	580	U	580	3900	UG/KG	3900	UJ
BT-P2-AOI-09-03	SW8270	4-NITROANILINE	580	U	580	7800	UG/KG	7800	U
BT-P2-AOI-09-03	SW8270	4-NITROPHENOL	580	U	580	7800	UG/KG	7800	U
BT-P2-AOI-09-03	SW8270	ACENAPHTHENE	580	U	580	3900	UG/KG	3900	U
BT-P2-AOI-09-03	SW8270	ACENAPHTHYLENE	580	U	580	3900	UG/KG	3900	UJ
BT-P2-AOI-09-03	SW8270	ANILINE	580	U	580	3900	UG/KG	3900	U
BT-P2-AOI-09-03	SW8270	ANTHRACENE	580	U	580	3900	UG/KG	3900	U
BT-P2-AOI-09-03	SW8270	AZOBENZENE	580	U	580	3900	UG/KG	3900	U
BT-P2-AOI-09-03	SW8270	BENZO(A)ANTHRACENE	580	U	580	3900	UG/KG	3900	UJ
BT-P2-AOI-09-03	SW8270	BENZO(A)PYRENE	580	U	580	3900	UG/KG	3900	U
BT-P2-AOI-09-03	SW8270	BENZO(B)FLUORANTHENE	580	U	580	3900	UG/KG	3900	U
BT-P2-AOI-09-03	SW8270	BENZO(G,H,I)PERYLENE	580	U	580	3900	UG/KG	3900	U
BT-P2-AOI-09-03	SW8270	BENZO(K)FLUORANTHENE	580	U	580	3900	UG/KG	3900	U
BT-P2-AOI-09-03	SW8270	BENZOIC ACID	4100	U	4100	19000	UG/KG	19000	U
BT-P2-AOI-09-03	SW8270	BENZYL ALCOHOL	580	U	580	3900	UG/KG	3900	U
BT-P2-AOI-09-03	SW8270	BIS(2-CHLOROETHOXY)METHANE	580	U	580	3900	UG/KG	3900	U
BT-P2-AOI-09-03	SW8270	BIS(2-CHLOROETHYL)ETHER	580	U	580	3900	UG/KG	3900	U
BT-P2-AOI-09-03	SW8270	BIS(2-CHLOROISOPROPYL)ETHER	700	U	700	3900	UG/KG	3900	U
BT-P2-AOI-09-03	SW8270	BIS(2-ETHYLHEXYL)PHTHALATE	580	U	580	5800	UG/KG	5800	U
BT-P2-AOI-09-03	SW8270	BUTYL BENZYL PHTHALATE	580	U	580	3900	UG/KG	3900	U
BT-P2-AOI-09-03	SW8270	CARBAZOLE	580	U	580	3900	UG/KG	3900	U
BT-P2-AOI-09-03	SW8270	CHRYSENE	580	U	580	3900	UG/KG	3900	UJ
BT-P2-AOI-09-03	SW8270	DIBENZO(A,H)ANTHRACENE	580	U	580	3900	UG/KG	3900	U
BT-P2-AOI-09-03	SW8270	DIBENZOFURAN	580	U	580	3900	UG/KG	3900	UJ
BT-P2-AOI-09-03	SW8270	DIETHYL PHTHALATE	580	U	580	3900	UG/KG	3900	UJ
BT-P2-AOI-09-03	SW8270	DIMETHYL PHTHALATE	580	U	580	3900	UG/KG	3900	UJ
BT-P2-AOI-09-03	SW8270	DI-N-BUTYL PHTHALATE	580	U	580	3900	UG/KG	3900	U
BT-P2-AOI-09-03	SW8270	DI-N-OCTYL PHTHALATE	580	U	580	5800	UG/KG	5800	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-09-03	SW8270	FLUORANTHENE	580	U	580	3900	UG/KG	3900	U
BT-P2-AOI-09-03	SW8270	FLUORENE	580	U	580	3900	UG/KG	3900	UJ
BT-P2-AOI-09-03	SW8270	HEXACHLOROBENZENE	820	U	820	3900	UG/KG	3900	U
BT-P2-AOI-09-03	SW8270	HEXACHLOROBUTADIENE	580	U	580	3900	UG/KG	3900	UJ
BT-P2-AOI-09-03	SW8270	HEXACHLOROCYCLOPENTADIENE	580	U	580	3900	UG/KG	3900	U
BT-P2-AOI-09-03	SW8270	HEXACHLOROETHANE	580	U	580	3900	UG/KG	3900	U
BT-P2-AOI-09-03	SW8270	INDENO(1,2,3-CD)PYRENE	820	U	820	3900	UG/KG	3900	U
BT-P2-AOI-09-03	SW8270	ISOPHORONE	580	U	580	3900	UG/KG	3900	U
BT-P2-AOI-09-03	SW8270	NAPHTHALENE	580	U	580	3900	UG/KG	3900	UJ
BT-P2-AOI-09-03	SW8270	NITROBENZENE	580	U	580	3900	UG/KG	3900	U
BT-P2-AOI-09-03	SW8270	N-NITROSODIMETHYLAMINE	820	U	820	3900	UG/KG	3900	U
BT-P2-AOI-09-03	SW8270	N-NITROSO-DI-N-PROPYLAMINE	580	U	580	3900	UG/KG	3900	U
BT-P2-AOI-09-03	SW8270	N-NITROSODIPHENYLAMINE	580	U	580	3900	UG/KG	3900	UJ
BT-P2-AOI-09-03	SW8270	PENTACHLOROPHENOL	580	U	580	16000	UG/KG	16000	U
BT-P2-AOI-09-03	SW8270	PHENANTHRENE	580	U	580	3900	UG/KG	3900	U
BT-P2-AOI-09-03	SW8270	PHENOL	580	U	580	3900	UG/KG	3900	U
BT-P2-AOI-09-03	SW8270	PYRENE	580	U	580	3900	UG/KG	3900	U
BT-P2-AOI-09-03	SW8270	PYRIDINE	2300	U	2300	12000	UG/KG	12000	U
BT-P2-AOI-09-04	SW8270	1,2,4-TRICHLOROBENZENE	590	U	590	3900	UG/KG	3900	UJ
BT-P2-AOI-09-04	SW8270	1,2-DICHLOROBENZENE	590	U	590	3900	UG/KG	3900	UJ
BT-P2-AOI-09-04	SW8270	1,3-DICHLOROBENZENE	590	U	590	3900	UG/KG	3900	UJ
BT-P2-AOI-09-04	SW8270	1,4-DICHLOROBENZENE	590	U	590	3900	UG/KG	3900	UJ
BT-P2-AOI-09-04	SW8270	1-METHYLNAPHTHALENE	2600	J	590	3900	UG/KG	2600	J-
BT-P2-AOI-09-04	SW8270	2,3,4,6-TETRACHLOROPHENOL	950	U	950	3900	UG/KG	3900	U
BT-P2-AOI-09-04	SW8270	2,4,5-TRICHLOROPHENOL	590	U	590	3900	UG/KG	3900	U
BT-P2-AOI-09-04	SW8270	2,4,6-TRICHLOROPHENOL	590	U	590	3900	UG/KG	3900	UJ
BT-P2-AOI-09-04	SW8270	2,4-DICHLOROPHENOL	590	U	590	3900	UG/KG	3900	U
BT-P2-AOI-09-04	SW8270	2,4-DIMETHYLPHENOL	590	U	590	3900	UG/KG	3900	U
BT-P2-AOI-09-04	SW8270	2,4-DINITROPHENOL	2400	U	2400	7900	UG/KG	7900	UJ
BT-P2-AOI-09-04	SW8270	2,4-DINITROTOLUENE	590	U	590	3900	UG/KG	3900	U
BT-P2-AOI-09-04	SW8270	2,6-DINITROTOLUENE	590	U	590	3900	UG/KG	3900	UJ
BT-P2-AOI-09-04	SW8270	2-CHLORONAPHTHALENE	590	U	590	3900	UG/KG	3900	UJ
BT-P2-AOI-09-04	SW8270	2-CHLOROPHENOL	590	U	590	3900	UG/KG	3900	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-09-04	SW8270	2-METHYLNAPHTHALENE	1700	J	590	3900	UG/KG	1700	J-
BT-P2-AOI-09-04	SW8270	2-METHYLPHENOL	590	U	590	3900	UG/KG	3900	U
BT-P2-AOI-09-04	SW8270	2-NITROANILINE	590	U	590	7900	UG/KG	7900	U
BT-P2-AOI-09-04	SW8270	2-NITROPHENOL	590	U	590	3900	UG/KG	3900	U
BT-P2-AOI-09-04	SW8270	3,3'-DICHLOROBENZIDINE	590	U	590	3900	UG/KG	3900	UJ
BT-P2-AOI-09-04	SW8270	3+4-METHYLPHENOL	590	U	590	3900	UG/KG	3900	U
BT-P2-AOI-09-04	SW8270	3-NITROANILINE	590	U	590	7900	UG/KG	7900	U
BT-P2-AOI-09-04	SW8270	4,6-DINITRO-2-METHYLPHENOL	3600	U	3600	16000	UG/KG	16000	UJ
BT-P2-AOI-09-04	SW8270	4-BROMOPHENYL PHENYL ETHER	590	U	590	3900	UG/KG	3900	U
BT-P2-AOI-09-04	SW8270	4-CHLORO-3-METHYLPHENOL	590	U	590	3900	UG/KG	3900	U
BT-P2-AOI-09-04	SW8270	4-CHLOROANILINE	590	U	590	3900	UG/KG	3900	UJ
BT-P2-AOI-09-04	SW8270	4-CHLOROPHENYL PHENYL ETHER	590	U	590	3900	UG/KG	3900	UJ
BT-P2-AOI-09-04	SW8270	4-NITROANILINE	590	U	590	7900	UG/KG	7900	U
BT-P2-AOI-09-04	SW8270	4-NITROPHENOL	590	U	590	7900	UG/KG	7900	U
BT-P2-AOI-09-04	SW8270	ACENAPHTHENE	590	U	590	3900	UG/KG	3900	U
BT-P2-AOI-09-04	SW8270	ACENAPHTHYLENE	590	U	590	3900	UG/KG	3900	UJ
BT-P2-AOI-09-04	SW8270	ANILINE	590	U	590	3900	UG/KG	3900	U
BT-P2-AOI-09-04	SW8270	ANTHRACENE	590	U	590	3900	UG/KG	3900	U
BT-P2-AOI-09-04	SW8270	AZOBENZENE	590	U	590	3900	UG/KG	3900	U
BT-P2-AOI-09-04	SW8270	BENZO(A)ANTHRACENE	590	U	590	3900	UG/KG	3900	UJ
BT-P2-AOI-09-04	SW8270	BENZO(A)PYRENE	590	U	590	3900	UG/KG	3900	U
BT-P2-AOI-09-04	SW8270	BENZO(B)FLUORANTHENE	590	U	590	3900	UG/KG	3900	U
BT-P2-AOI-09-04	SW8270	BENZO(G,H,I)PERYLENE	590	U	590	3900	UG/KG	3900	U
BT-P2-AOI-09-04	SW8270	BENZO(K)FLUORANTHENE	590	U	590	3900	UG/KG	3900	U
BT-P2-AOI-09-04	SW8270	BENZOIC ACID	4100	U	4100	20000	UG/KG	20000	U
BT-P2-AOI-09-04	SW8270	BENZYL ALCOHOL	590	U	590	3900	UG/KG	3900	U
BT-P2-AOI-09-04	SW8270	BIS(2-CHLOROETHOXY)METHANE	590	U	590	3900	UG/KG	3900	U
BT-P2-AOI-09-04	SW8270	BIS(2-CHLOROETHYL)ETHER	590	U	590	3900	UG/KG	3900	U
BT-P2-AOI-09-04	SW8270	BIS(2-CHLOROISOPROPYL)ETHER	710	U	710	3900	UG/KG	3900	U
BT-P2-AOI-09-04	SW8270	BIS(2-ETHYLHEXYL)PHTHALATE	590	U	590	5900	UG/KG	5900	U
BT-P2-AOI-09-04	SW8270	BUTYL BENZYL PHTHALATE	590	U	590	3900	UG/KG	3900	U
BT-P2-AOI-09-04	SW8270	CARBAZOLE	590	U	590	3900	UG/KG	3900	U
BT-P2-AOI-09-04	SW8270	CHRYSENE	590	U	590	3900	UG/KG	3900	UJ

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-09-04	SW8270	DIBENZO(A,H)ANTHRACENE	590	U	590	3900	UG/KG	3900	U
BT-P2-AOI-09-04	SW8270	DIBENZOFURAN	590	U	590	3900	UG/KG	3900	UJ
BT-P2-AOI-09-04	SW8270	DIETHYL PHTHALATE	590	U	590	3900	UG/KG	3900	UJ
BT-P2-AOI-09-04	SW8270	DIMETHYL PHTHALATE	590	U	590	3900	UG/KG	3900	UJ
BT-P2-AOI-09-04	SW8270	DI-N-BUTYL PHTHALATE	590	U	590	3900	UG/KG	3900	U
BT-P2-AOI-09-04	SW8270	DI-N-OCTYL PHTHALATE	590	U	590	5900	UG/KG	5900	U
BT-P2-AOI-09-04	SW8270	FLUORANTHENE	590	U	590	3900	UG/KG	3900	U
BT-P2-AOI-09-04	SW8270	FLUORENE	590	U	590	3900	UG/KG	3900	UJ
BT-P2-AOI-09-04	SW8270	HEXACHLOROBENZENE	830	U	830	3900	UG/KG	3900	U
BT-P2-AOI-09-04	SW8270	HEXACHLOROBUTADIENE	590	U	590	3900	UG/KG	3900	UJ
BT-P2-AOI-09-04	SW8270	HEXACHLOROCYCLOPENTADIENE	590	U	590	3900	UG/KG	3900	U
BT-P2-AOI-09-04	SW8270	HEXACHLOROETHANE	590	U	590	3900	UG/KG	3900	U
BT-P2-AOI-09-04	SW8270	INDENO(1,2,3-CD)PYRENE	830	U	830	3900	UG/KG	3900	U
BT-P2-AOI-09-04	SW8270	ISOPHORONE	590	U	590	3900	UG/KG	3900	U
BT-P2-AOI-09-04	SW8270	NAPHTHALENE	590	U	590	3900	UG/KG	3900	UJ
BT-P2-AOI-09-04	SW8270	NITROBENZENE	590	U	590	3900	UG/KG	3900	U
BT-P2-AOI-09-04	SW8270	N-NITROSODIMETHYLAMINE	830	U	830	3900	UG/KG	3900	U
BT-P2-AOI-09-04	SW8270	N-NITROSO-DI-N-PROPYLAMINE	590	U	590	3900	UG/KG	3900	U
BT-P2-AOI-09-04	SW8270	N-NITROSODIPHENYLAMINE	590	U	590	3900	UG/KG	3900	UJ
BT-P2-AOI-09-04	SW8270	PENTACHLOROPHENOL	590	U	590	16000	UG/KG	16000	U
BT-P2-AOI-09-04	SW8270	PHENANTHRENE	1400	J	590	3900	UG/KG	1400	J
BT-P2-AOI-09-04	SW8270	PHENOL	590	U	590	3900	UG/KG	3900	U
BT-P2-AOI-09-04	SW8270	PYRENE	590	U	590	3900	UG/KG	3900	U
BT-P2-AOI-09-04	SW8270	PYRIDINE	2400	U	2400	12000	UG/KG	12000	U
BT-P2-AOI-09-05	SW8270	1,2,4-TRICHLOROBENZENE	330	U	330	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	1,2-DICHLOROBENZENE	330	U	330	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	1,3-DICHLOROBENZENE	330	U	330	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	1,4-DICHLOROBENZENE	330	U	330	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	1-METHYLNAPHTHALENE	330	U	330	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	2,3,4,6-TETRACHLOROPHENOL	530	U	530	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	2,4,5-TRICHLOROPHENOL	330	U	330	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	2,4,6-TRICHLOROPHENOL	330	U	330	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	2,4-DICHLOROPHENOL	330	U	330	2200	UG/KG	2200	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-09-05	SW8270	2,4-DIMETHYLPHENOL	330	U	330	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	2,4-DINITROPHENOL	1300	U	1300	4400	UG/KG	4400	U
BT-P2-AOI-09-05	SW8270	2,4-DINITROTOLUENE	330	U	330	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	2,6-DINITROTOLUENE	330	U	330	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	2-CHLORONAPHTHALENE	330	U	330	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	2-CHLOROPHENOL	330	U	330	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	2-METHYLNAPHTHALENE	330	U	330	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	2-METHYLPHENOL	330	U	330	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	2-NITROANILINE	330	U	330	4400	UG/KG	4400	U
BT-P2-AOI-09-05	SW8270	2-NITROPHENOL	330	U	330	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	3,3'-DICHLOROBENZIDINE	330	U	330	2200	UG/KG	2200	UJ
BT-P2-AOI-09-05	SW8270	3+4-METHYLPHENOL	330	U	330	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	3-NITROANILINE	330	U	330	4400	UG/KG	4400	U
BT-P2-AOI-09-05	SW8270	4,6-DINITRO-2-METHYLPHENOL	2000	U	2000	8800	UG/KG	8800	U
BT-P2-AOI-09-05	SW8270	4-BROMOPHENYL PHENYL ETHER	330	U	330	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	4-CHLORO-3-METHYLPHENOL	330	U	330	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	4-CHLOROANILINE	330	U	330	2200	UG/KG	2200	UJ
BT-P2-AOI-09-05	SW8270	4-CHLOROPHENYL PHENYL ETHER	330	U	330	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	4-NITROANILINE	330	U	330	4400	UG/KG	4400	U
BT-P2-AOI-09-05	SW8270	4-NITROPHENOL	330	U	330	4400	UG/KG	4400	U
BT-P2-AOI-09-05	SW8270	ACENAPHTHENE	330	U	330	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	ACENAPHTHYLENE	330	U	330	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	ANILINE	330	U	330	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	ANTHRACENE	330	U	330	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	AZOBENZENE	330	U	330	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	BENZO(A)ANTHRACENE	330	U	330	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	BENZO(A)PYRENE	330	U	330	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	BENZO(B)FLUORANTHENE	330	U	330	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	BENZO(G,H,I)PERYLENE	330	U	330	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	BENZO(K)FLUORANTHENE	330	U	330	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	BENZOIC ACID	2300	U	2300	11000	UG/KG	11000	U
BT-P2-AOI-09-05	SW8270	BENZYL ALCOHOL	330	U	330	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	BIS(2-CHLOROETHOXY)METHANE	330	U	330	2200	UG/KG	2200	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-09-05	SW8270	BIS(2-CHLOROETHYL)ETHER	330	U	330	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	BIS(2-CHLOROISOPROPYL)ETHER	400	U	400	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	BIS(2-ETHYLHEXYL)PHTHALATE	330	U	330	3300	UG/KG	3300	U
BT-P2-AOI-09-05	SW8270	BUTYL BENZYL PHTHALATE	330	U	330	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	CARBAZOLE	330	U	330	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	CHRYSENE	330	U	330	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	DIBENZO(A,H)ANTHRACENE	330	U	330	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	DIBENZOFURAN	330	U	330	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	DIETHYL PHTHALATE	330	U	330	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	DIMETHYL PHTHALATE	330	U	330	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	DI-N-BUTYL PHTHALATE	330	U	330	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	DI-N-OCTYL PHTHALATE	330	U	330	3300	UG/KG	3300	U
BT-P2-AOI-09-05	SW8270	FLUORANTHENE	330	U	330	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	FLUORENE	330	U	330	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	HEXACHLOROBENZENE	460	U	460	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	HEXACHLOROBUTADIENE	330	U	330	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	HEXACHLOROCYCLOPENTADIENE	330	U	330	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	HEXACHLOROETHANE	330	U	330	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	INDENO(1,2,3-CD)PYRENE	460	U	460	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	ISOPHORONE	330	U	330	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	NAPHTHALENE	330	U	330	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	NITROBENZENE	330	U	330	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	N-NITROSODIMETHYLAMINE	460	U	460	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	N-NITROSO-DI-N-PROPYLAMINE	330	U	330	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	N-NITROSODIPHENYLAMINE	330	U	330	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	PENTACHLOROPHENOL	330	U	330	8800	UG/KG	8800	U
BT-P2-AOI-09-05	SW8270	PHENANTHRENE	330	U	330	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	PHENOL	330	U	330	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	PYRENE	330	U	330	2200	UG/KG	2200	U
BT-P2-AOI-09-05	SW8270	PYRIDINE	1300	U	1300	6600	UG/KG	6600	U
BT-P2-AOI-09-06	SW8270	1,2,4-TRICHLOROBENZENE	340	U	340	2200	UG/KG	2200	U
BT-P2-AOI-09-06	SW8270	1,2-DICHLOROBENZENE	340	U	340	2200	UG/KG	2200	U
BT-P2-AOI-09-06	SW8270	1,3-DICHLOROBENZENE	340	U	340	2200	UG/KG	2200	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-09-06	SW8270	1,4-DICHLOROBENZENE	340	U	340	2200	UG/KG	2200	U
BT-P2-AOI-09-06	SW8270	1-METHYLNAPHTHALENE	5300		340	2200	UG/KG	5300	
BT-P2-AOI-09-06	SW8270	2,3,4,6-TETRACHLOROPHENOL	540	U	540	2200	UG/KG	2200	U
BT-P2-AOI-09-06	SW8270	2,4,5-TRICHLOROPHENOL	340	U	340	2200	UG/KG	2200	U
BT-P2-AOI-09-06	SW8270	2,4,6-TRICHLOROPHENOL	340	U	340	2200	UG/KG	2200	U
BT-P2-AOI-09-06	SW8270	2,4-DICHLOROPHENOL	340	U	340	2200	UG/KG	2200	U
BT-P2-AOI-09-06	SW8270	2,4-DIMETHYLPHENOL	340	U	340	2200	UG/KG	2200	U
BT-P2-AOI-09-06	SW8270	2,4-DINITROPHENOL	1300	U	1300	4500	UG/KG	4500	U
BT-P2-AOI-09-06	SW8270	2,4-DINITROTOLUENE	340	U	340	2200	UG/KG	2200	U
BT-P2-AOI-09-06	SW8270	2,6-DINITROTOLUENE	340	U	340	2200	UG/KG	2200	U
BT-P2-AOI-09-06	SW8270	2-CHLORONAPHTHALENE	340	U	340	2200	UG/KG	2200	U
BT-P2-AOI-09-06	SW8270	2-CHLOROPHENOL	340	U	340	2200	UG/KG	2200	U
BT-P2-AOI-09-06	SW8270	2-METHYLNAPHTHALENE	340	U	340	2200	UG/KG	2200	U
BT-P2-AOI-09-06	SW8270	2-METHYLPHENOL	340	U	340	2200	UG/KG	2200	U
BT-P2-AOI-09-06	SW8270	2-NITROANILINE	340	U	340	4500	UG/KG	4500	U
BT-P2-AOI-09-06	SW8270	2-NITROPHENOL	340	U	340	2200	UG/KG	2200	U
BT-P2-AOI-09-06	SW8270	3,3'-DICHLOROBENZIDINE	340	U	340	2200	UG/KG	2200	UJ
BT-P2-AOI-09-06	SW8270	3+4-METHYLPHENOL	340	U	340	2200	UG/KG	2200	U
BT-P2-AOI-09-06	SW8270	3-NITROANILINE	340	U	340	4500	UG/KG	4500	U
BT-P2-AOI-09-06	SW8270	4,6-DINITRO-2-METHYLPHENOL	2000	U	2000	8900	UG/KG	8900	U
BT-P2-AOI-09-06	SW8270	4-BROMOPHENYL PHENYL ETHER	340	U	340	2200	UG/KG	2200	U
BT-P2-AOI-09-06	SW8270	4-CHLORO-3-METHYLPHENOL	340	U	340	2200	UG/KG	2200	U
BT-P2-AOI-09-06	SW8270	4-CHLOROANILINE	340	U	340	2200	UG/KG	2200	UJ
BT-P2-AOI-09-06	SW8270	4-CHLOROPHENYL PHENYL ETHER	340	U	340	2200	UG/KG	2200	U
BT-P2-AOI-09-06	SW8270	4-NITROANILINE	340	U	340	4500	UG/KG	4500	U
BT-P2-AOI-09-06	SW8270	4-NITROPHENOL	340	U	340	4500	UG/KG	4500	U
BT-P2-AOI-09-06	SW8270	ACENAPHTHENE	340	U	340	2200	UG/KG	2200	U
BT-P2-AOI-09-06	SW8270	ACENAPHTHYLENE	340	U	340	2200	UG/KG	2200	U
BT-P2-AOI-09-06	SW8270	ANILINE	340	U	340	2200	UG/KG	2200	U
BT-P2-AOI-09-06	SW8270	ANTHRACENE	340	U	340	2200	UG/KG	2200	U
BT-P2-AOI-09-06	SW8270	AZOBENZENE	340	U	340	2200	UG/KG	2200	U
BT-P2-AOI-09-06	SW8270	BENZO(A)ANTHRACENE	340	U	340	2200	UG/KG	2200	U
BT-P2-AOI-09-06	SW8270	BENZO(A)PYRENE	340	U	340	2200	UG/KG	2200	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-09-06	SW8270	BENZO(B)FLUORANTHENE	340	U	340	2200	UG/KG	2200	U
BT-P2-AOI-09-06	SW8270	BENZO(G,H,I)PERYLENE	340	U	340	2200	UG/KG	2200	U
BT-P2-AOI-09-06	SW8270	BENZO(K)FLUORANTHENE	340	U	340	2200	UG/KG	2200	U
BT-P2-AOI-09-06	SW8270	BENZOIC ACID	2300	U	2300	11000	UG/KG	11000	U
BT-P2-AOI-09-06	SW8270	BENZYL ALCOHOL	340	U	340	2200	UG/KG	2200	U
BT-P2-AOI-09-06	SW8270	BIS(2-CHLOROETHOXY)METHANE	340	U	340	2200	UG/KG	2200	U
BT-P2-AOI-09-06	SW8270	BIS(2-CHLOROETHYL)ETHER	340	U	340	2200	UG/KG	2200	U
BT-P2-AOI-09-06	SW8270	BIS(2-CHLOROISOPROPYL)ETHER	400	U	400	2200	UG/KG	2200	U
BT-P2-AOI-09-06	SW8270	BIS(2-ETHYLHEXYL)PHTHALATE	340	U	340	3400	UG/KG	3400	U
BT-P2-AOI-09-06	SW8270	BUTYL BENZYL PHTHALATE	340	U	340	2200	UG/KG	2200	U
BT-P2-AOI-09-06	SW8270	CARBAZOLE	340	U	340	2200	UG/KG	2200	U
BT-P2-AOI-09-06	SW8270	CHRYSENE	340	U	340	2200	UG/KG	2200	U
BT-P2-AOI-09-06	SW8270	DIBENZO(A,H)ANTHRACENE	340	U	340	2200	UG/KG	2200	U
BT-P2-AOI-09-06	SW8270	DIBENZOFURAN	340	U	340	2200	UG/KG	2200	U
BT-P2-AOI-09-06	SW8270	DIETHYL PHTHALATE	340	U	340	2200	UG/KG	2200	U
BT-P2-AOI-09-06	SW8270	DIMETHYL PHTHALATE	340	U	340	2200	UG/KG	2200	U
BT-P2-AOI-09-06	SW8270	DI-N-BUTYL PHTHALATE	340	U	340	2200	UG/KG	2200	U
BT-P2-AOI-09-06	SW8270	DI-N-OCTYL PHTHALATE	340	U	340	3400	UG/KG	3400	U
BT-P2-AOI-09-06	SW8270	FLUORANTHENE	1400	J	340	2200	UG/KG	1400	J
BT-P2-AOI-09-06	SW8270	FLUORENE	340	U	340	2200	UG/KG	2200	U
BT-P2-AOI-09-06	SW8270	HEXACHLOROBENZENE	470	U	470	2200	UG/KG	2200	U
BT-P2-AOI-09-06	SW8270	HEXACHLOROBUTADIENE	340	U	340	2200	UG/KG	2200	U
BT-P2-AOI-09-06	SW8270	HEXACHLOROCYCLOPENTADIENE	340	U	340	2200	UG/KG	2200	U
BT-P2-AOI-09-06	SW8270	HEXACHLOROETHANE	340	U	340	2200	UG/KG	2200	U
BT-P2-AOI-09-06	SW8270	INDENO(1,2,3-CD)PYRENE	470	U	470	2200	UG/KG	2200	U
BT-P2-AOI-09-06	SW8270	ISOPHORONE	340	U	340	2200	UG/KG	2200	U
BT-P2-AOI-09-06	SW8270	NAPHTHALENE	340	U	340	2200	UG/KG	2200	U
BT-P2-AOI-09-06	SW8270	NITROBENZENE	340	U	340	2200	UG/KG	2200	U
BT-P2-AOI-09-06	SW8270	N-NITROSODIMETHYLAMINE	470	U	470	2200	UG/KG	2200	U
BT-P2-AOI-09-06	SW8270	N-NITROSO-DI-N-PROPYLAMINE	340	U	340	2200	UG/KG	2200	U
BT-P2-AOI-09-06	SW8270	N-NITROSODIPHENYLAMINE	340	U	340	2200	UG/KG	2200	U
BT-P2-AOI-09-06	SW8270	PENTACHLOROPHENOL	340	U	340	8900	UG/KG	8900	U
BT-P2-AOI-09-06	SW8270	PHENANTHRENE	340	U	340	2200	UG/KG	2200	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-09-06	SW8270	PHENOL	340	U	340	2200	UG/KG	2200	U
BT-P2-AOI-09-06	SW8270	PYRENE	340	U	340	2200	UG/KG	2200	U
BT-P2-AOI-09-06	SW8270	PYRIDINE	1300	U	1300	6700	UG/KG	6700	U
BT-P2-AOI-09-06-DUP	SW8270	1,2,4-TRICHLOROBENZENE	690	U	690	4600	UG/KG	4600	U
BT-P2-AOI-09-06-DUP	SW8270	1,2-DICHLOROBENZENE	690	U	690	4600	UG/KG	4600	U
BT-P2-AOI-09-06-DUP	SW8270	1,3-DICHLOROBENZENE	690	U	690	4600	UG/KG	4600	U
BT-P2-AOI-09-06-DUP	SW8270	1,4-DICHLOROBENZENE	690	U	690	4600	UG/KG	4600	U
BT-P2-AOI-09-06-DUP	SW8270	1-METHYLNAPHTHALENE	7700		690	4600	UG/KG	7700	
BT-P2-AOI-09-06-DUP	SW8270	2,3,4,6-TETRACHLOROPHENOL	1100	U	1100	4600	UG/KG	4600	U
BT-P2-AOI-09-06-DUP	SW8270	2,4,5-TRICHLOROPHENOL	690	U	690	4600	UG/KG	4600	U
BT-P2-AOI-09-06-DUP	SW8270	2,4,6-TRICHLOROPHENOL	690	U	690	4600	UG/KG	4600	U
BT-P2-AOI-09-06-DUP	SW8270	2,4-DICHLOROPHENOL	690	U	690	4600	UG/KG	4600	U
BT-P2-AOI-09-06-DUP	SW8270	2,4-DIMETHYLPHENOL	690	U	690	4600	UG/KG	4600	U
BT-P2-AOI-09-06-DUP	SW8270	2,4-DINITROPHENOL	2800	U	2800	9200	UG/KG	9200	U
BT-P2-AOI-09-06-DUP	SW8270	2,4-DINITROTOLUENE	690	U	690	4600	UG/KG	4600	U
BT-P2-AOI-09-06-DUP	SW8270	2,6-DINITROTOLUENE	690	U	690	4600	UG/KG	4600	U
BT-P2-AOI-09-06-DUP	SW8270	2-CHLORONAPHTHALENE	690	U	690	4600	UG/KG	4600	U
BT-P2-AOI-09-06-DUP	SW8270	2-CHLOROPHENOL	690	U	690	4600	UG/KG	4600	U
BT-P2-AOI-09-06-DUP	SW8270	2-METHYLNAPHTHALENE	5400		690	4600	UG/KG	5400	
BT-P2-AOI-09-06-DUP	SW8270	2-METHYLPHENOL	690	U	690	4600	UG/KG	4600	U
BT-P2-AOI-09-06-DUP	SW8270	2-NITROANILINE	690	U	690	9200	UG/KG	9200	U
BT-P2-AOI-09-06-DUP	SW8270	2-NITROPHENOL	690	U	690	4600	UG/KG	4600	U
BT-P2-AOI-09-06-DUP	SW8270	3,3'-DICHLOROBENZIDINE	690	U	690	4600	UG/KG	4600	UJ
BT-P2-AOI-09-06-DUP	SW8270	3+4-METHYLPHENOL	690	U	690	4600	UG/KG	4600	U
BT-P2-AOI-09-06-DUP	SW8270	3-NITROANILINE	690	U	690	9200	UG/KG	9200	U
BT-P2-AOI-09-06-DUP	SW8270	4,6-DINITRO-2-METHYLPHENOL	4100	U	4100	18000	UG/KG	18000	U
BT-P2-AOI-09-06-DUP	SW8270	4-BROMOPHENYL PHENYL ETHER	690	U	690	4600	UG/KG	4600	U
BT-P2-AOI-09-06-DUP	SW8270	4-CHLORO-3-METHYLPHENOL	690	U	690	4600	UG/KG	4600	U
BT-P2-AOI-09-06-DUP	SW8270	4-CHLOROANILINE	690	U	690	4600	UG/KG	4600	UJ
BT-P2-AOI-09-06-DUP	SW8270	4-CHLOROPHENYL PHENYL ETHER	690	U	690	4600	UG/KG	4600	U
BT-P2-AOI-09-06-DUP	SW8270	4-NITROANILINE	690	U	690	9200	UG/KG	9200	U
BT-P2-AOI-09-06-DUP	SW8270	4-NITROPHENOL	690	U	690	9200	UG/KG	9200	U
BT-P2-AOI-09-06-DUP	SW8270	ACENAPHTHENE	690	U	690	4600	UG/KG	4600	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-09-06-DUP	SW8270	ACENAPHTHYLENE	690	U	690	4600	UG/KG	4600	U
BT-P2-AOI-09-06-DUP	SW8270	ANILINE	690	U	690	4600	UG/KG	4600	U
BT-P2-AOI-09-06-DUP	SW8270	ANTHRACENE	690	U	690	4600	UG/KG	4600	U
BT-P2-AOI-09-06-DUP	SW8270	AZOBENZENE	690	U	690	4600	UG/KG	4600	U
BT-P2-AOI-09-06-DUP	SW8270	BENZO(A)ANTHRACENE	690	U	690	4600	UG/KG	4600	U
BT-P2-AOI-09-06-DUP	SW8270	BENZO(A)PYRENE	690	U	690	4600	UG/KG	4600	U
BT-P2-AOI-09-06-DUP	SW8270	BENZO(B)FLUORANTHENE	690	U	690	4600	UG/KG	4600	U
BT-P2-AOI-09-06-DUP	SW8270	BENZO(G,H,I)PERYLENE	690	U	690	4600	UG/KG	4600	U
BT-P2-AOI-09-06-DUP	SW8270	BENZO(K)FLUORANTHENE	690	U	690	4600	UG/KG	4600	U
BT-P2-AOI-09-06-DUP	SW8270	BENZOIC ACID	19000	J	4800	23000	UG/KG	19000	J
BT-P2-AOI-09-06-DUP	SW8270	BENZYL ALCOHOL	690	U	690	4600	UG/KG	4600	U
BT-P2-AOI-09-06-DUP	SW8270	BIS(2-CHLOROETHOXY)METHANE	690	U	690	4600	UG/KG	4600	U
BT-P2-AOI-09-06-DUP	SW8270	BIS(2-CHLOROETHYL)ETHER	690	U	690	4600	UG/KG	4600	U
BT-P2-AOI-09-06-DUP	SW8270	BIS(2-CHLOROISOPROPYL)ETHER	830	U	830	4600	UG/KG	4600	U
BT-P2-AOI-09-06-DUP	SW8270	BIS(2-ETHYLHEXYL)PHTHALATE	690	U	690	6900	UG/KG	6900	U
BT-P2-AOI-09-06-DUP	SW8270	BUTYL BENZYL PHTHALATE	690	U	690	4600	UG/KG	4600	U
BT-P2-AOI-09-06-DUP	SW8270	CARBAZOLE	690	U	690	4600	UG/KG	4600	U
BT-P2-AOI-09-06-DUP	SW8270	CHRYSENE	1500	J	690	4600	UG/KG	1500	J
BT-P2-AOI-09-06-DUP	SW8270	DIBENZO(A,H)ANTHRACENE	690	U	690	4600	UG/KG	4600	U
BT-P2-AOI-09-06-DUP	SW8270	DIBENZOFURAN	2400	J	690	4600	UG/KG	2400	J
BT-P2-AOI-09-06-DUP	SW8270	DIETHYL PHTHALATE	690	U	690	4600	UG/KG	4600	U
BT-P2-AOI-09-06-DUP	SW8270	DIMETHYL PHTHALATE	690	U	690	4600	UG/KG	4600	U
BT-P2-AOI-09-06-DUP	SW8270	DI-N-BUTYL PHTHALATE	690	U	690	4600	UG/KG	4600	U
BT-P2-AOI-09-06-DUP	SW8270	DI-N-OCTYL PHTHALATE	690	U	690	6900	UG/KG	6900	U
BT-P2-AOI-09-06-DUP	SW8270	FLUORANTHENE	2100	J	690	4600	UG/KG	2100	J
BT-P2-AOI-09-06-DUP	SW8270	FLUORENE	690	U	690	4600	UG/KG	4600	U
BT-P2-AOI-09-06-DUP	SW8270	HEXACHLOROBENZENE	970	U	970	4600	UG/KG	4600	U
BT-P2-AOI-09-06-DUP	SW8270	HEXACHLOROBUTADIENE	690	U	690	4600	UG/KG	4600	U
BT-P2-AOI-09-06-DUP	SW8270	HEXACHLOROCYCLOPENTADIENE	690	U	690	4600	UG/KG	4600	U
BT-P2-AOI-09-06-DUP	SW8270	HEXACHLOROETHANE	690	U	690	4600	UG/KG	4600	U
BT-P2-AOI-09-06-DUP	SW8270	INDENO(1,2,3-CD)PYRENE	970	U	970	4600	UG/KG	4600	U
BT-P2-AOI-09-06-DUP	SW8270	ISOPHORONE	690	U	690	4600	UG/KG	4600	U
BT-P2-AOI-09-06-DUP	SW8270	NAPHTHALENE	2500	J	690	4600	UG/KG	2500	J

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-09-06-DUP	SW8270	NITROBENZENE	690	U	690	4600	UG/KG	4600	U
BT-P2-AOI-09-06-DUP	SW8270	N-NITROSODIMETHYLAMINE	970	U	970	4600	UG/KG	4600	U
BT-P2-AOI-09-06-DUP	SW8270	N-NITROSO-DI-N-PROPYLAMINE	690	U	690	4600	UG/KG	4600	U
BT-P2-AOI-09-06-DUP	SW8270	N-NITROSODIPHENYLAMINE	690	U	690	4600	UG/KG	4600	U
BT-P2-AOI-09-06-DUP	SW8270	PENTACHLOROPHENOL	690	U	690	18000	UG/KG	18000	U
BT-P2-AOI-09-06-DUP	SW8270	PHENANTHRENE	4200	J	690	4600	UG/KG	4200	J
BT-P2-AOI-09-06-DUP	SW8270	PHENOL	690	U	690	4600	UG/KG	4600	U
BT-P2-AOI-09-06-DUP	SW8270	PYRENE	1600	J	690	4600	UG/KG	1600	J
BT-P2-AOI-09-06-DUP	SW8270	PYRIDINE	2800	U	2800	14000	UG/KG	14000	U
BT-P2-AOI-09-07	SW8270	1,2,4-TRICHLOROBENZENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-09-07	SW8270	1,2-DICHLOROBENZENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-09-07	SW8270	1,3-DICHLOROBENZENE	350	U	350	2300	UG/KG	2300	UJ
BT-P2-AOI-09-07	SW8270	1,4-DICHLOROBENZENE	350	U	350	2300	UG/KG	2300	UJ
BT-P2-AOI-09-07	SW8270	1-METHYLNAPHTHALENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-09-07	SW8270	2,3,4,6-TETRACHLOROPHENOL	560	U	560	2300	UG/KG	2300	U
BT-P2-AOI-09-07	SW8270	2,4,5-TRICHLOROPHENOL	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-09-07	SW8270	2,4,6-TRICHLOROPHENOL	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-09-07	SW8270	2,4-DICHLOROPHENOL	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-09-07	SW8270	2,4-DIMETHYLPHENOL	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-09-07	SW8270	2,4-DINITROPHENOL	1400	U	1400	4700	UG/KG	4700	U
BT-P2-AOI-09-07	SW8270	2,4-DINITROTOLUENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-09-07	SW8270	2,6-DINITROTOLUENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-09-07	SW8270	2-CHLORONAPHTHALENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-09-07	SW8270	2-CHLOROPHENOL	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-09-07	SW8270	2-METHYLNAPHTHALENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-09-07	SW8270	2-METHYLPHENOL	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-09-07	SW8270	2-NITROANILINE	350	U	350	4700	UG/KG	4700	U
BT-P2-AOI-09-07	SW8270	2-NITROPHENOL	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-09-07	SW8270	3,3'-DICHLOROBENZIDINE	350	U	350	2300	UG/KG	2300	UJ
BT-P2-AOI-09-07	SW8270	3+4-METHYLPHENOL	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-09-07	SW8270	3-NITROANILINE	350	U	350	4700	UG/KG	4700	UJ
BT-P2-AOI-09-07	SW8270	4,6-DINITRO-2-METHYLPHENOL	2100	U	2100	9300	UG/KG	9300	U
BT-P2-AOI-09-07	SW8270	4-BROMOPHENYL PHENYL ETHER	350	U	350	2300	UG/KG	2300	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-09-07	SW8270	4-CHLORO-3-METHYLPHENOL	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-09-07	SW8270	4-CHLOROANILINE	350	U	350	2300	UG/KG	2300	UJ
BT-P2-AOI-09-07	SW8270	4-CHLOROPHENYL PHENYL ETHER	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-09-07	SW8270	4-NITROANILINE	350	U	350	4700	UG/KG	4700	UJ
BT-P2-AOI-09-07	SW8270	4-NITROPHENOL	350	U	350	4700	UG/KG	4700	U
BT-P2-AOI-09-07	SW8270	ACENAPHTHENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-09-07	SW8270	ACENAPHTHYLENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-09-07	SW8270	ANILINE	350	U	350	2300	UG/KG	2300	UJ
BT-P2-AOI-09-07	SW8270	ANTHRACENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-09-07	SW8270	AZOBENZENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-09-07	SW8270	BENZO(A)ANTHRACENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-09-07	SW8270	BENZO(A)PYRENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-09-07	SW8270	BENZO(B)FLUORANTHENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-09-07	SW8270	BENZO(G,H,I)PERYLENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-09-07	SW8270	BENZO(K)FLUORANTHENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-09-07	SW8270	BENZOIC ACID	2400	U	2400	12000	UG/KG	12000	U
BT-P2-AOI-09-07	SW8270	BENZYL ALCOHOL	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-09-07	SW8270	BIS(2-CHLOROETHOXY)METHANE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-09-07	SW8270	BIS(2-CHLOROETHYL)ETHER	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-09-07	SW8270	BIS(2-CHLOROISOPROPYL)ETHER	420	U	420	2300	UG/KG	2300	U
BT-P2-AOI-09-07	SW8270	BIS(2-ETHYLHEXYL)PHTHALATE	850	J	350	3500	UG/KG	3500	U
BT-P2-AOI-09-07	SW8270	BUTYL BENZYL PHTHALATE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-09-07	SW8270	CARBAZOLE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-09-07	SW8270	CHRYSENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-09-07	SW8270	DIBENZO(A,H)ANTHRACENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-09-07	SW8270	DIBENZOFURAN	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-09-07	SW8270	DIETHYL PHTHALATE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-09-07	SW8270	DIMETHYL PHTHALATE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-09-07	SW8270	DI-N-BUTYL PHTHALATE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-09-07	SW8270	DI-N-OCTYL PHTHALATE	350	U	350	3500	UG/KG	3500	U
BT-P2-AOI-09-07	SW8270	FLUORANTHENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-09-07	SW8270	FLUORENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-09-07	SW8270	HEXACHLOROBENZENE	490	U	490	2300	UG/KG	2300	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-09-07	SW8270	HEXACHLOROBUTADIENE	350	U	350	2300	UG/KG	2300	UJ
BT-P2-AOI-09-07	SW8270	HEXACHLOROCYCLOPENTADIENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-09-07	SW8270	HEXACHLOROETHANE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-09-07	SW8270	INDENO(1,2,3-CD)PYRENE	490	U	490	2300	UG/KG	2300	U
BT-P2-AOI-09-07	SW8270	ISOPHORONE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-09-07	SW8270	NAPHTHALENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-09-07	SW8270	NITROBENZENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-09-07	SW8270	N-NITROSODIMETHYLAMINE	490	U	490	2300	UG/KG	2300	U
BT-P2-AOI-09-07	SW8270	N-NITROSO-DI-N-PROPYLAMINE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-09-07	SW8270	N-NITROSODIPHENYLAMINE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-09-07	SW8270	PENTACHLOROPHENOL	350	U	350	9300	UG/KG	9300	U
BT-P2-AOI-09-07	SW8270	PHENANTHRENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-09-07	SW8270	PHENOL	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-09-07	SW8270	PYRENE	350	U	350	2300	UG/KG	2300	U
BT-P2-AOI-09-07	SW8270	PYRIDINE	1400	U	1400	7000	UG/KG	7000	U
BT-P2-AOI-09-08	SW8270	1,2,4-TRICHLOROBENZENE	110	U	110	740	UG/KG	740	UJ
BT-P2-AOI-09-08	SW8270	1,2-DICHLOROBENZENE	110	U	110	740	UG/KG	740	UJ
BT-P2-AOI-09-08	SW8270	1,3-DICHLOROBENZENE	110	U	110	740	UG/KG	740	UJ
BT-P2-AOI-09-08	SW8270	1,4-DICHLOROBENZENE	110	U	110	740	UG/KG	740	UJ
BT-P2-AOI-09-08	SW8270	1-METHYLNAPHTHALENE	110	U	110	740	UG/KG	740	UJ
BT-P2-AOI-09-08	SW8270	2,3,4,6-TETRACHLOROPHENOL	180	U	180	740	UG/KG	740	U
BT-P2-AOI-09-08	SW8270	2,4,5-TRICHLOROPHENOL	110	U	110	740	UG/KG	740	U
BT-P2-AOI-09-08	SW8270	2,4,6-TRICHLOROPHENOL	110	U	110	740	UG/KG	740	UJ
BT-P2-AOI-09-08	SW8270	2,4-DICHLOROPHENOL	110	U	110	740	UG/KG	740	U
BT-P2-AOI-09-08	SW8270	2,4-DIMETHYLPHENOL	110	U	110	740	UG/KG	740	U
BT-P2-AOI-09-08	SW8270	2,4-DINITROPHENOL	440	U	440	1500	UG/KG	1500	UJ
BT-P2-AOI-09-08	SW8270	2,4-DINITROTOLUENE	110	U	110	740	UG/KG	740	U
BT-P2-AOI-09-08	SW8270	2,6-DINITROTOLUENE	110	U	110	740	UG/KG	740	UJ
BT-P2-AOI-09-08	SW8270	2-CHLORONAPHTHALENE	110	U	110	740	UG/KG	740	UJ
BT-P2-AOI-09-08	SW8270	2-CHLOROPHENOL	110	U	110	740	UG/KG	740	U
BT-P2-AOI-09-08	SW8270	2-METHYLNAPHTHALENE	110	U	110	740	UG/KG	740	UJ
BT-P2-AOI-09-08	SW8270	2-METHYLPHENOL	110	U	110	740	UG/KG	740	U
BT-P2-AOI-09-08	SW8270	2-NITROANILINE	110	U	110	1500	UG/KG	1500	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-09-08	SW8270	2-NITROPHENOL	110	U	110	740	UG/KG	740	U
BT-P2-AOI-09-08	SW8270	3,3'-DICHLOROBENZIDINE	110	U	110	740	UG/KG	740	UJ
BT-P2-AOI-09-08	SW8270	3+4-METHYLPHENOL	110	U	110	740	UG/KG	740	U
BT-P2-AOI-09-08	SW8270	3-NITROANILINE	110	U	110	1500	UG/KG	1500	U
BT-P2-AOI-09-08	SW8270	4,6-DINITRO-2-METHYLPHENOL	670	U	670	3000	UG/KG	3000	UJ
BT-P2-AOI-09-08	SW8270	4-BROMOPHENYL PHENYL ETHER	110	U	110	740	UG/KG	740	U
BT-P2-AOI-09-08	SW8270	4-CHLORO-3-METHYLPHENOL	110	U	110	740	UG/KG	740	U
BT-P2-AOI-09-08	SW8270	4-CHLOROANILINE	110	U	110	740	UG/KG	740	UJ
BT-P2-AOI-09-08	SW8270	4-CHLOROPHENYL PHENYL ETHER	110	U	110	740	UG/KG	740	UJ
BT-P2-AOI-09-08	SW8270	4-NITROANILINE	110	U	110	1500	UG/KG	1500	U
BT-P2-AOI-09-08	SW8270	4-NITROPHENOL	110	U	110	1500	UG/KG	1500	U
BT-P2-AOI-09-08	SW8270	ACENAPHTHENE	110	U	110	740	UG/KG	740	U
BT-P2-AOI-09-08	SW8270	ACENAPHTHYLENE	110	U	110	740	UG/KG	740	UJ
BT-P2-AOI-09-08	SW8270	ANILINE	110	U	110	740	UG/KG	740	U
BT-P2-AOI-09-08	SW8270	ANTHRACENE	110	U	110	740	UG/KG	740	U
BT-P2-AOI-09-08	SW8270	AZOBENZENE	110	U	110	740	UG/KG	740	U
BT-P2-AOI-09-08	SW8270	BENZO(A)ANTHRACENE	110	U	110	740	UG/KG	740	UJ
BT-P2-AOI-09-08	SW8270	BENZO(A)PYRENE	110	U	110	740	UG/KG	740	U
BT-P2-AOI-09-08	SW8270	BENZO(B)FLUORANTHENE	110	U	110	740	UG/KG	740	U
BT-P2-AOI-09-08	SW8270	BENZO(G,H,I)PERYLENE	110	U	110	740	UG/KG	740	U
BT-P2-AOI-09-08	SW8270	BENZO(K)FLUORANTHENE	110	U	110	740	UG/KG	740	U
BT-P2-AOI-09-08	SW8270	BENZOIC ACID	780	U	780	3700	UG/KG	3700	U
BT-P2-AOI-09-08	SW8270	BENZYL ALCOHOL	110	U	110	740	UG/KG	740	U
BT-P2-AOI-09-08	SW8270	BIS(2-CHLOROETHOXY)METHANE	110	U	110	740	UG/KG	740	U
BT-P2-AOI-09-08	SW8270	BIS(2-CHLOROETHYL)ETHER	110	U	110	740	UG/KG	740	U
BT-P2-AOI-09-08	SW8270	BIS(2-CHLOROISOPROPYL)ETHER	130	U	130	740	UG/KG	740	U
BT-P2-AOI-09-08	SW8270	BIS(2-ETHYLHEXYL)PHTHALATE	260	JB	110	1100	UG/KG	1100	U
BT-P2-AOI-09-08	SW8270	BUTYL BENZYL PHTHALATE	110	U	110	740	UG/KG	740	U
BT-P2-AOI-09-08	SW8270	CARBAZOLE	110	U	110	740	UG/KG	740	U
BT-P2-AOI-09-08	SW8270	CHRYSENE	110	U	110	740	UG/KG	740	UJ
BT-P2-AOI-09-08	SW8270	DIBENZO(A,H)ANTHRACENE	110	U	110	740	UG/KG	740	U
BT-P2-AOI-09-08	SW8270	DIBENZOFURAN	110	U	110	740	UG/KG	740	UJ
BT-P2-AOI-09-08	SW8270	DIETHYL PHTHALATE	110	U	110	740	UG/KG	740	UJ

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-09-08	SW8270	DIMETHYL PHTHALATE	110	U	110	740	UG/KG	740	UJ
BT-P2-AOI-09-08	SW8270	DI-N-BUTYL PHTHALATE	110	U	110	740	UG/KG	740	U
BT-P2-AOI-09-08	SW8270	DI-N-OCTYL PHTHALATE	110	U	110	1100	UG/KG	1100	U
BT-P2-AOI-09-08	SW8270	FLUORANTHENE	110	U	110	740	UG/KG	740	U
BT-P2-AOI-09-08	SW8270	FLUORENE	110	U	110	740	UG/KG	740	UJ
BT-P2-AOI-09-08	SW8270	HEXACHLOROBENZENE	160	U	160	740	UG/KG	740	U
BT-P2-AOI-09-08	SW8270	HEXACHLOROBUTADIENE	110	U	110	740	UG/KG	740	UJ
BT-P2-AOI-09-08	SW8270	HEXACHLOROCYCLOPENTADIENE	110	U	110	740	UG/KG	740	U
BT-P2-AOI-09-08	SW8270	HEXACHLOROETHANE	110	U	110	740	UG/KG	740	U
BT-P2-AOI-09-08	SW8270	INDENO(1,2,3-CD)PYRENE	160	U	160	740	UG/KG	740	U
BT-P2-AOI-09-08	SW8270	ISOPHORONE	110	U	110	740	UG/KG	740	U
BT-P2-AOI-09-08	SW8270	NAPHTHALENE	110	U	110	740	UG/KG	740	UJ
BT-P2-AOI-09-08	SW8270	NITROBENZENE	110	U	110	740	UG/KG	740	U
BT-P2-AOI-09-08	SW8270	N-NITROSODIMETHYLAMINE	160	U	160	740	UG/KG	740	U
BT-P2-AOI-09-08	SW8270	N-NITROSO-DI-N-PROPYLAMINE	110	U	110	740	UG/KG	740	U
BT-P2-AOI-09-08	SW8270	N-NITROSODIPHENYLAMINE	110	U	110	740	UG/KG	740	UJ
BT-P2-AOI-09-08	SW8270	PENTACHLOROPHENOL	110	U	110	3000	UG/KG	3000	U
BT-P2-AOI-09-08	SW8270	PHENANTHRENE	110	U	110	740	UG/KG	740	U
BT-P2-AOI-09-08	SW8270	PHENOL	110	U	110	740	UG/KG	740	U
BT-P2-AOI-09-08	SW8270	PYRENE	110	U	110	740	UG/KG	740	U
BT-P2-AOI-09-08	SW8270	PYRIDINE	440	U	440	2200	UG/KG	2200	U
BT-P2-AOI-09-09	SW8270	1,2,4-TRICHLOROBENZENE	120	U	120	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	1,2-DICHLOROBENZENE	120	U	120	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	1,3-DICHLOROBENZENE	120	U	120	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	1,4-DICHLOROBENZENE	120	U	120	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	1-METHYLNAPHTHALENE	340	J	120	780	UG/KG	340	J-
BT-P2-AOI-09-09	SW8270	2,3,4,6-TETRACHLOROPHENOL	190	U	190	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	2,4,5-TRICHLOROPHENOL	120	U	120	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	2,4,6-TRICHLOROPHENOL	120	U	120	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	2,4-DICHLOROPHENOL	120	U	120	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	2,4-DIMETHYLPHENOL	120	U	120	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	2,4-DINITROPHENOL	470	U	470	1600	UG/KG	1600	UJ
BT-P2-AOI-09-09	SW8270	2,4-DINITROTOLUENE	120	U	120	780	UG/KG	780	UJ

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-09-09	SW8270	2,6-DINITROTOLUENE	120	U	120	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	2-CHLORONAPHTHALENE	120	U	120	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	2-CHLOROPHENOL	120	U	120	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	2-METHYLNAPHTHALENE	240	J	120	780	UG/KG	240	J-
BT-P2-AOI-09-09	SW8270	2-METHYLPHENOL	120	U	120	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	2-NITROANILINE	120	U	120	1600	UG/KG	1600	UJ
BT-P2-AOI-09-09	SW8270	2-NITROPHENOL	120	U	120	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	3,3'-DICHLOROBENZIDINE	120	U	120	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	3+4-METHYLPHENOL	120	U	120	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	3-NITROANILINE	120	U	120	1600	UG/KG	1600	UJ
BT-P2-AOI-09-09	SW8270	4,6-DINITRO-2-METHYLPHENOL	700	U	700	3100	UG/KG	3100	UJ
BT-P2-AOI-09-09	SW8270	4-BROMOPHENYL PHENYL ETHER	120	U	120	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	4-CHLORO-3-METHYLPHENOL	120	U	120	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	4-CHLOROANILINE	120	U	120	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	4-CHLOROPHENYL PHENYL ETHER	120	U	120	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	4-NITROANILINE	120	U	120	1600	UG/KG	1600	UJ
BT-P2-AOI-09-09	SW8270	4-NITROPHENOL	120	U	120	1600	UG/KG	1600	UJ
BT-P2-AOI-09-09	SW8270	ACENAPHTHENE	120	U	120	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	ACENAPHTHYLENE	120	U	120	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	ANILINE	120	U	120	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	ANTHRACENE	120	U	120	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	AZOBENZENE	120	U	120	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	BENZO(A)ANTHRACENE	120	U	120	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	BENZO(A)PYRENE	120	U	120	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	BENZO(B)FLUORANTHENE	120	U	120	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	BENZO(G,H,I)PERYLENE	120	U	120	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	BENZO(K)FLUORANTHENE	120	U	120	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	BENZOIC ACID	820	U	820	3900	UG/KG	3900	UJ
BT-P2-AOI-09-09	SW8270	BENZYL ALCOHOL	120	U	120	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	BIS(2-CHLOROETHOXY)METHANE	120	U	120	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	BIS(2-CHLOROETHYL)ETHER	120	U	120	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	BIS(2-CHLOROISOPROPYL)ETHER	140	U	140	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	BIS(2-ETHYLHEXYL)PHTHALATE	260	JB	120	1200	UG/KG	1200	UJ

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-P2-AOI-09-09	SW8270	BUTYL BENZYL PHTHALATE	120	U	120	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	CARBAZOLE	120	U	120	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	CHRYSENE	120	U	120	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	DIBENZO(A,H)ANTHRACENE	120	U	120	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	DIBENZOFURAN	120	U	120	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	DIETHYL PHTHALATE	120	U	120	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	DIMETHYL PHTHALATE	120	U	120	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	DI-N-BUTYL PHTHALATE	120	U	120	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	DI-N-OCTYL PHTHALATE	120	U	120	1200	UG/KG	1200	UJ
BT-P2-AOI-09-09	SW8270	FLUORANTHENE	120	U	120	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	FLUORENE	120	U	120	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	HEXACHLOROBENZENE	160	U	160	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	HEXACHLOROBUTADIENE	120	U	120	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	HEXACHLOROCYCLOPENTADIENE	120	U	120	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	HEXACHLOROETHANE	120	U	120	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	INDENO(1,2,3-CD)PYRENE	160	U	160	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	ISOPHORONE	120	U	120	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	NAPHTHALENE	120	U	120	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	NITROBENZENE	120	U	120	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	N-NITROSODIMETHYLAMINE	160	U	160	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	N-NITROSO-DI-N-PROPYLAMINE	120	U	120	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	N-NITROSODIPHENYLAMINE	120	U	120	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	PENTACHLOROPHENOL	120	U	120	3100	UG/KG	3100	UJ
BT-P2-AOI-09-09	SW8270	PHENANTHRENE	120	U	120	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	PHENOL	120	U	120	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	PYRENE	120	U	120	780	UG/KG	780	UJ
BT-P2-AOI-09-09	SW8270	PYRIDINE	470	U	470	2300	UG/KG	2300	UJ
BT-PS-AOI-09-10	SW8270	1,2,4-TRICHLOROBENZENE	110	U	110	740	UG/KG	740	UJ
BT-PS-AOI-09-10	SW8270	1,2-DICHLOROBENZENE	110	U	110	740	UG/KG	740	UJ
BT-PS-AOI-09-10	SW8270	1,3-DICHLOROBENZENE	110	U	110	740	UG/KG	740	UJ
BT-PS-AOI-09-10	SW8270	1,4-DICHLOROBENZENE	110	U	110	740	UG/KG	740	UJ
BT-PS-AOI-09-10	SW8270	1-METHYLNAPHTHALENE	110	U	110	740	UG/KG	740	UJ
BT-PS-AOI-09-10	SW8270	2,3,4,6-TETRACHLOROPHENOL	180	U	180	740	UG/KG	740	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-PS-AOI-09-10	SW8270	2,4,5-TRICHLOROPHENOL	110	U	110	740	UG/KG	740	U
BT-PS-AOI-09-10	SW8270	2,4,6-TRICHLOROPHENOL	110	U	110	740	UG/KG	740	UJ
BT-PS-AOI-09-10	SW8270	2,4-DICHLOROPHENOL	110	U	110	740	UG/KG	740	U
BT-PS-AOI-09-10	SW8270	2,4-DIMETHYLPHENOL	110	U	110	740	UG/KG	740	U
BT-PS-AOI-09-10	SW8270	2,4-DINITROPHENOL	450	U	450	1500	UG/KG	1500	UJ
BT-PS-AOI-09-10	SW8270	2,4-DINITROTOLUENE	110	U	110	740	UG/KG	740	U
BT-PS-AOI-09-10	SW8270	2,6-DINITROTOLUENE	110	U	110	740	UG/KG	740	UJ
BT-PS-AOI-09-10	SW8270	2-CHLORONAPHTHALENE	110	U	110	740	UG/KG	740	UJ
BT-PS-AOI-09-10	SW8270	2-CHLOROPHENOL	110	U	110	740	UG/KG	740	U
BT-PS-AOI-09-10	SW8270	2-METHYLNAPHTHALENE	110	U	110	740	UG/KG	740	UJ
BT-PS-AOI-09-10	SW8270	2-METHYLPHENOL	110	U	110	740	UG/KG	740	U
BT-PS-AOI-09-10	SW8270	2-NITROANILINE	110	U	110	1500	UG/KG	1500	U
BT-PS-AOI-09-10	SW8270	2-NITROPHENOL	110	U	110	740	UG/KG	740	U
BT-PS-AOI-09-10	SW8270	3,3'-DICHLOROBENZIDINE	110	U	110	740	UG/KG	740	UJ
BT-PS-AOI-09-10	SW8270	3+4-METHYLPHENOL	110	U	110	740	UG/KG	740	U
BT-PS-AOI-09-10	SW8270	3-NITROANILINE	110	U	110	1500	UG/KG	1500	U
BT-PS-AOI-09-10	SW8270	4,6-DINITRO-2-METHYLPHENOL	670	U	670	3000	UG/KG	3000	UJ
BT-PS-AOI-09-10	SW8270	4-BROMOPHENYL PHENYL ETHER	110	U	110	740	UG/KG	740	U
BT-PS-AOI-09-10	SW8270	4-CHLORO-3-METHYLPHENOL	110	U	110	740	UG/KG	740	U
BT-PS-AOI-09-10	SW8270	4-CHLOROANILINE	110	U	110	740	UG/KG	740	UJ
BT-PS-AOI-09-10	SW8270	4-CHLOROPHENYL PHENYL ETHER	110	U	110	740	UG/KG	740	UJ
BT-PS-AOI-09-10	SW8270	4-NITROANILINE	110	U	110	1500	UG/KG	1500	U
BT-PS-AOI-09-10	SW8270	4-NITROPHENOL	110	U	110	1500	UG/KG	1500	U
BT-PS-AOI-09-10	SW8270	ACENAPHTHENE	110	U	110	740	UG/KG	740	U
BT-PS-AOI-09-10	SW8270	ACENAPHTHYLENE	110	U	110	740	UG/KG	740	UJ
BT-PS-AOI-09-10	SW8270	ANILINE	110	U	110	740	UG/KG	740	U
BT-PS-AOI-09-10	SW8270	ANTHRACENE	110	U	110	740	UG/KG	740	U
BT-PS-AOI-09-10	SW8270	AZOBENZENE	110	U	110	740	UG/KG	740	U
BT-PS-AOI-09-10	SW8270	BENZO(A)ANTHRACENE	110	U	110	740	UG/KG	740	UJ
BT-PS-AOI-09-10	SW8270	BENZO(A)PYRENE	110	U	110	740	UG/KG	740	U
BT-PS-AOI-09-10	SW8270	BENZO(B)FLUORANTHENE	110	U	110	740	UG/KG	740	U
BT-PS-AOI-09-10	SW8270	BENZO(G,H,I)PERYLENE	110	U	110	740	UG/KG	740	U
BT-PS-AOI-09-10	SW8270	BENZO(K)FLUORANTHENE	110	U	110	740	UG/KG	740	U

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual
BT-PS-AOI-09-10	SW8270	BENZOIC ACID	780	U	780	3700	UG/KG	3700	U
BT-PS-AOI-09-10	SW8270	BENZYL ALCOHOL	110	U	110	740	UG/KG	740	U
BT-PS-AOI-09-10	SW8270	BIS(2-CHLOROETHOXY)METHANE	110	U	110	740	UG/KG	740	U
BT-PS-AOI-09-10	SW8270	BIS(2-CHLOROETHYL)ETHER	110	U	110	740	UG/KG	740	U
BT-PS-AOI-09-10	SW8270	BIS(2-CHLOROISOPROPYL)ETHER	130	U	130	740	UG/KG	740	U
BT-PS-AOI-09-10	SW8270	BIS(2-ETHYLHEXYL)PHTHALATE	220	JB	110	1100	UG/KG	1100	U
BT-PS-AOI-09-10	SW8270	BUTYL BENZYL PHTHALATE	110	U	110	740	UG/KG	740	U
BT-PS-AOI-09-10	SW8270	CARBAZOLE	110	U	110	740	UG/KG	740	U
BT-PS-AOI-09-10	SW8270	CHRYSENE	110	U	110	740	UG/KG	740	UJ
BT-PS-AOI-09-10	SW8270	DIBENZO(A,H)ANTHRACENE	110	U	110	740	UG/KG	740	U
BT-PS-AOI-09-10	SW8270	DIBENZOFURAN	110	U	110	740	UG/KG	740	UJ
BT-PS-AOI-09-10	SW8270	DIETHYL PHTHALATE	110	U	110	740	UG/KG	740	UJ
BT-PS-AOI-09-10	SW8270	DIMETHYL PHTHALATE	110	U	110	740	UG/KG	740	UJ
BT-PS-AOI-09-10	SW8270	DI-N-BUTYL PHTHALATE	110	U	110	740	UG/KG	740	U
BT-PS-AOI-09-10	SW8270	DI-N-OCTYL PHTHALATE	110	U	110	1100	UG/KG	1100	U
BT-PS-AOI-09-10	SW8270	FLUORANTHENE	110	U	110	740	UG/KG	740	U
BT-PS-AOI-09-10	SW8270	FLUORENE	110	U	110	740	UG/KG	740	UJ
BT-PS-AOI-09-10	SW8270	HEXACHLOROBENZENE	160	U	160	740	UG/KG	740	U
BT-PS-AOI-09-10	SW8270	HEXACHLOROBUTADIENE	110	U	110	740	UG/KG	740	UJ
BT-PS-AOI-09-10	SW8270	HEXACHLOROCYCLOPENTADIENE	110	U	110	740	UG/KG	740	U
BT-PS-AOI-09-10	SW8270	HEXACHLOROETHANE	110	U	110	740	UG/KG	740	U
BT-PS-AOI-09-10	SW8270	INDENO(1,2,3-CD)PYRENE	160	U	160	740	UG/KG	740	U
BT-PS-AOI-09-10	SW8270	ISOPHORONE	110	U	110	740	UG/KG	740	U
BT-PS-AOI-09-10	SW8270	NAPHTHALENE	110	U	110	740	UG/KG	740	UJ
BT-PS-AOI-09-10	SW8270	NITROBENZENE	110	U	110	740	UG/KG	740	U
BT-PS-AOI-09-10	SW8270	N-NITROSODIMETHYLAMINE	160	U	160	740	UG/KG	740	U
BT-PS-AOI-09-10	SW8270	N-NITROSO-DI-N-PROPYLAMINE	110	U	110	740	UG/KG	740	U
BT-PS-AOI-09-10	SW8270	N-NITROSODIPHENYLAMINE	110	U	110	740	UG/KG	740	UJ
BT-PS-AOI-09-10	SW8270	PENTACHLOROPHENOL	110	U	110	3000	UG/KG	3000	U
BT-PS-AOI-09-10	SW8270	PHENANTHRENE	110	U	110	740	UG/KG	740	U
BT-PS-AOI-09-10	SW8270	PHENOL	110	U	110	740	UG/KG	740	U
BT-PS-AOI-09-10	SW8270	PYRENE	110	U	110	740	UG/KG	740	U
BT-PS-AOI-09-10	SW8270	PYRIDINE	450	U	450	2200	UG/KG	2200	U

BAUER TAILINGS SITE REASSESSMENT SOIL ANALYTICAL RESULTS SUMMARY
ALS FORT COLLINS REPORT NO. 2202436

Sample ID	Method	Analyte	Lab_Result	Lab_Qual	MDL	RL	Units	VAL_Result	VAL_Qual