

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM070824 SAS No.: BM070824 SDG No.: BM070824

Instrument ID: BNA_M Calibration Date/Time: 7/8/2024 12:10:48

Lab File ID: BM046429.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4155 Init. Calib. Time(s): _____

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.468	0.358	0.010	-23.5057	40.0
1,4-Dioxane-d8	0.413	0.323	0.010	-21.7798	40.0
Naphthalene	1.062	1.037	0.600	-2.3617	30.0
1-Methylnaphthalene	0.740	0.744	0.300	0.5553	30.0
2-Methylnaphthalene	0.718	0.704	0.300	-1.9586	30.0
Acenaphthylene	2.030	1.956	0.900	-3.6494	30.0
Acenaphthene	1.324	1.284	0.500	-3.0007	30.0
Fluorene	1.562	1.469	0.700	-5.9695	30.0
Pentachlorophenol	0.117	0.128	0.010	9.6597	50.0
Phenanthrene	1.198	1.130	0.300	-5.7022	30.0
Anthracene	1.162	1.098	0.400	-5.5148	30.0
Fluoranthene	2.022	1.925	0.400	-4.7818	30.0
Pyrene	2.080	1.952	0.500	-6.1549	30.0
Benzo (a) anthracene	1.787	1.735	0.400	-2.9044	30.0
Chrysene	1.777	1.649	0.400	-7.2244	30.0
Benzo (b) fluoranthene	1.701	1.544	0.200	-9.2317	30.0
Benzo (k) fluoranthene	1.717	1.562	0.200	-8.9947	30.0
Benzo (a) pyrene	1.344	1.421	0.200	5.7552	30.0
Indeno (1,2,3-cd) pyrene	1.816	1.767	0.200	-2.6863	30.0
Dibenzo (a,h) anthracene	1.405	1.403	0.200	-0.1092	30.0
Benzo (g,h,i) perylene	1.448	1.476	0.200	1.9734	30.0
Fluoranthene-d10	1.401	1.365	0.400	-2.5439	30.0
2-Methylnaphthalene-d10	0.592	0.605	0.300	2.2057	30.0

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM070824 SAS No.: BM070824 SDG No.: BM070824

Instrument ID: BNA_M Calibration Date/Time: 7/8/2024 12:20:04

Lab File ID: BM046444.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4156 Init. Calib. Time(s): _____

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.468	0.297	0.010	-36.4412	40.0
1,4-Dioxane-d8	0.413	0.276	0.010	-33.1371	40.0
Naphthalene	1.062	1.063	0.600	0.0923	30.0
1-Methylnaphthalene	0.740	0.755	0.300	2.0013	30.0
2-Methylnaphthalene	0.718	0.720	0.300	0.265	30.0
Acenaphthylene	2.030	2.017	0.900	-0.6651	30.0
Acenaphthene	1.324	1.327	0.500	0.2507	30.0
Fluorene	1.562	1.501	0.700	-3.9245	30.0
Pentachlorophenol	0.117	0.134	0.010	15.2213	50.0
Phenanthrene	1.198	1.166	0.300	-2.6445	30.0
Anthracene	1.162	1.128	0.400	-2.8714	30.0
Fluoranthene	2.022	2.033	0.400	0.5728	30.0
Pyrene	2.080	2.047	0.500	-1.6153	30.0
Benzo (a) anthracene	1.787	1.795	0.400	0.4397	30.0
Chrysene	1.777	1.684	0.400	-5.2579	30.0
Benzo (b) fluoranthene	1.701	1.626	0.200	-4.376	30.0
Benzo (k) fluoranthene	1.717	1.574	0.200	-8.3318	30.0
Benzo (a) pyrene	1.344	1.465	0.200	8.9885	30.0
Indeno (1,2,3-cd) pyrene	1.816	1.823	0.200	0.3751	30.0
Dibenzo (a,h) anthracene	1.405	1.452	0.200	3.3322	30.0
Benzo (g,h,i) perylene	1.448	1.487	0.200	2.6709	30.0
Fluoranthene-d10	1.401	1.449	0.400	3.3874	30.0
2-Methylnaphthalene-d10	0.592	0.632	0.300	6.8291	30.0

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BM070824 SAS No.: BM070824 SDG No.: BM070824
Instrument ID: BNA_M Calibration Date/Time: 7/9/2024 12:07:03
Lab File ID: BM046461.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD0.4157 Init. Calib. Time(s): _____
GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.468	0.305	0.010	-34.7367	40.0
1,4-Dioxane-d8	0.413	0.286	0.010	-30.7545	40.0
Naphthalene	1.062	1.021	0.600	-3.8391	30.0
1-Methylnaphthalene	0.740	0.735	0.300	-0.6163	30.0
2-Methylnaphthalene	0.718	0.701	0.300	-2.3678	30.0
Acenaphthylene	2.030	1.897	0.900	-6.559	30.0
Acenaphthene	1.324	1.262	0.500	-4.6693	30.0
Fluorene	1.562	1.457	0.700	-6.7384	30.0
Pentachlorophenol	0.117	0.136	0.010	16.8943	50.0
Phenanthrene	1.198	1.109	0.300	-7.3916	30.0
Anthracene	1.162	1.086	0.400	-6.5052	30.0
Fluoranthene	2.022	1.952	0.400	-3.4507	30.0
Pyrene	2.080	1.973	0.500	-5.1436	30.0
Benzo (a) anthracene	1.787	1.716	0.400	-4.0056	30.0
Chrysene	1.777	1.628	0.400	-8.4106	30.0
Benzo (b) fluoranthene	1.701	1.549	0.200	-8.9151	30.0
Benzo (k) fluoranthene	1.717	1.519	0.200	-11.4964	30.0
Benzo (a) pyrene	1.344	1.407	0.200	4.6538	30.0
Indeno (1,2,3-cd) pyrene	1.816	1.795	0.200	-1.1653	30.0
Dibenzo (a,h) anthracene	1.405	1.435	0.200	2.1266	30.0
Benzo (g,h,i) perylene	1.448	1.485	0.200	2.5695	30.0
Fluoranthene-d10	1.401	1.386	0.400	-1.0472	30.0
2-Methylnaphthalene-d10	0.592	0.616	0.300	4.161	30.0

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BM070824 SAS No.: BM070824 SDG No.: BM070824
Instrument ID: BNA_M Calibration Date/Time: 7/9/2024 12:18:07
Lab File ID: BM046478.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD0.4158 Init. Calib. Time(s): _____
GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.468	0.305	0.010	-34.7384	40.0
1,4-Dioxane-d8	0.413	0.305	0.010	-26.1942	40.0
Naphthalene	1.062	1.001	0.600	-5.7705	30.0
1-Methylnaphthalene	0.740	0.711	0.300	-3.9111	30.0
2-Methylnaphthalene	0.718	0.687	0.300	-4.3938	30.0
Acenaphthylene	2.030	1.838	0.900	-9.4546	30.0
Acenaphthene	1.324	1.226	0.500	-7.3883	30.0
Fluorene	1.562	1.413	0.700	-9.5341	30.0
Pentachlorophenol	0.117	0.133	0.010	14.1375	50.0
Phenanthrene	1.198	1.076	0.300	-10.1394	30.0
Anthracene	1.162	1.061	0.400	-8.6956	30.0
Fluoranthene	2.022	1.820	0.400	-9.9627	30.0
Pyrene	2.080	1.837	0.500	-11.7115	30.0
Benzo (a) anthracene	1.787	1.642	0.400	-8.1087	30.0
Chrysene	1.777	1.558	0.400	-12.3286	30.0
Benzo (b) fluoranthene	1.701	1.483	0.200	-12.8086	30.0
Benzo (k) fluoranthene	1.717	1.491	0.200	-13.126	30.0
Benzo (a) pyrene	1.344	1.354	0.200	0.7252	30.0
Indeno (1,2,3-cd) pyrene	1.816	1.787	0.200	-1.5638	30.0
Dibenzo (a,h) anthracene	1.405	1.426	0.200	1.4888	30.0
Benzo (g,h,i) perylene	1.448	1.490	0.200	2.9003	30.0
Fluoranthene-d10	1.401	1.350	0.400	-3.6395	30.0
2-Methylnaphthalene-d10	0.592	0.606	0.300	2.3834	30.0

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BM070824 SAS No.: BM070824 SDG No.: BM070824
Instrument ID: BNA_M Calibration Date/Time: 7/10/2024 1:05:47
Lab File ID: BM046496.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD0.4159 Init. Calib. Time(s): _____
GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.468	0.309	0.010	-34.0403	50.0
1,4-Dioxane-d8	0.413	0.310	0.010	-25.0202	50.0
Naphthalene	1.062	1.003	0.600	-5.5304	50.0
1-Methylnaphthalene	0.740	0.740	0.300	-0.027	50.0
2-Methylnaphthalene	0.718	0.718	0.300	-0.0397	50.0
Acenaphthylene	2.030	1.814	0.900	-10.6494	50.0
Acenaphthene	1.324	1.215	0.500	-8.1886	50.0
Fluorene	1.562	1.439	0.700	-7.8848	50.0
Pentachlorophenol	0.117	0.140	0.010	19.7272	50.0
Phenanthrene	1.198	1.092	0.300	-8.8476	50.0
Anthracene	1.162	1.062	0.400	-8.5537	50.0
Fluoranthene	2.022	1.861	0.400	-7.9806	50.0
Pyrene	2.080	1.842	0.500	-11.4617	50.0
Benzo (a) anthracene	1.787	1.664	0.400	-6.9055	50.0
Chrysene	1.777	1.583	0.400	-10.8891	50.0
Benzo (b) fluoranthene	1.701	1.462	0.200	-14.0072	50.0
Benzo (k) fluoranthene	1.717	1.450	0.200	-15.5296	50.0
Benzo (a) pyrene	1.344	1.342	0.200	-0.1686	50.0
Indeno (1,2,3-cd) pyrene	1.816	1.898	0.200	4.5268	50.0
Dibenzo (a,h) anthracene	1.405	1.522	0.200	8.3742	50.0
Benzo (g,h,i) perylene	1.448	1.590	0.200	9.8511	50.0
Fluoranthene-d10	1.401	1.344	0.400	-4.0641	50.0
2-Methylnaphthalene-d10	0.592	0.632	0.300	6.8862	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	SBLK728	SDG No.:	BM070824
Lab Sample ID:	PB161728BL	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046430.D	1	6/25/2024 12:00:00 AM	7/8/2024 12:00:00 AM	PB161728

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.454		15-120		43	SPK: -8
93951-69-0	Fluoranthene-d10	0.3		30-130		75	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.281		30-130		70	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6985		7.535			
1146-65-2	Naphthalene-d8	20728		10.299			
15067-26-2	Acenaphthene-d10	12599		14.178			

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	SBLK728	SDG No.:	BM070824
Lab Sample ID:	PB161728BL	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046430.D	1	6/25/2024 12:00:00 AM	7/8/2024 12:00:00 AM	PB161728

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	24657	16.926				
1719-03-5	Chrysene-d12	12574	21.131				
1520-96-3	Perylene-d12	11347	23.285				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	A4B69DL	SDG No.:	BM070824
Lab Sample ID:	P3010-16DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	36.8
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046431.D	5	6/25/2024 12:00:00 AM	7/8/2024 12:00:00 AM	PB161718

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	7	U	7	0	53	ug/Kg
91-20-3	Naphthalene	1.6	U	1.6	6.5	26	ug/Kg
90-12-0	1-Methylnaphthalene	4.1	U	4.1	6.5	26	ug/Kg
91-57-6	2-Methylnaphthalene	1.5	U	1.5	6.5	26	ug/Kg
208-96-8	Acenaphthylene	2.6	U	2.6	6.5	26	ug/Kg
83-32-9	Acenaphthene	5.5	JD	1.4	6.5	26	ug/Kg
86-73-7	Fluorene	5.8	JD	1.7	6.5	26	ug/Kg
87-86-5	Pentachlorophenol	16	U	16	13.3	53	ug/Kg
85-01-8	Phenanthrene	79	D	1.4	6.5	26	ug/Kg
120-12-7	Anthracene	16	JD	1.3	6.5	26	ug/Kg
206-44-0	Fluoranthene	170	D	1.4	6.5	26	ug/Kg
129-00-0	Pyrene	110	D	1.9	6.5	26	ug/Kg
56-55-3	Benzo(a)anthracene	80	D	0.74	6.5	26	ug/Kg
218-01-9	Chrysene	88	D	2	6.5	26	ug/Kg
205-99-2	Benzo(b)fluoranthene	110	D	3.7	6.5	26	ug/Kg
207-08-9	Benzo(k)fluoranthene	40	D	2.5	6.5	26	ug/Kg
50-32-8	Benzo(a)pyrene	47	D	2.5	6.5	26	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	33	D	4.1	6.5	26	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	16	JD	3.7	6.5	26	ug/Kg
191-24-2	Benzo(g,h,i)perylene	6.9	JD	5.9	6.5	26	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.775		15-120		35	SPK: -8
93951-69-0	Fluoranthene-d10	0.265		30-130		66	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.245		20-140		61	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5996		7.535			
1146-65-2	Naphthalene-d8	16676		10.299			
15067-26-2	Acenaphthene-d10	9826		14.178			

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	A4B69DL	SDG No.:	BM070824
Lab Sample ID:	P3010-16DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	36.8
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046431.D	5	6/25/2024 12:00:00 AM	7/8/2024 12:00:00 AM	PB161718

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	17993	16.926				
1719-03-5	Chrysene-d12	10927	21.134				
1520-96-3	Perylene-d12	11148	23.288				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	7	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	A4CW0DL	SDG No.:	BM070824
Lab Sample ID:	P3010-06DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	42.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046432.D	5	6/25/2024 12:00:00 AM	7/8/2024 12:00:00 AM	PB161718

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	7.7	U	7.7	0	58	ug/Kg
91-20-3	Naphthalene	14	JD	1.7	7.2	29	ug/Kg
90-12-0	1-Methylnaphthalene	5.8	JD	4.5	7.2	29	ug/Kg
91-57-6	2-Methylnaphthalene	8.1	JD	1.7	7.2	29	ug/Kg
208-96-8	Acenaphthylene	28	JD	2.9	7.2	29	ug/Kg
83-32-9	Acenaphthene	20	JD	1.6	7.2	29	ug/Kg
86-73-7	Fluorene	21	JD	1.9	7.2	29	ug/Kg
87-86-5	Pentachlorophenol	17	U	17	14.6	58	ug/Kg
85-01-8	Phenanthrene	290	D	1.6	7.2	29	ug/Kg
120-12-7	Anthracene	61	D	1.5	7.2	29	ug/Kg
206-44-0	Fluoranthene	570	ED	1.6	7.2	29	ug/Kg
129-00-0	Pyrene	390	D	2.1	7.2	29	ug/Kg
56-55-3	Benzo(a)anthracene	260	D	0.81	7.2	29	ug/Kg
218-01-9	Chrysene	290	D	2.2	7.2	29	ug/Kg
205-99-2	Benzo(b)fluoranthene	380	D	4.1	7.2	29	ug/Kg
207-08-9	Benzo(k)fluoranthene	150	D	2.8	7.2	29	ug/Kg
50-32-8	Benzo(a)pyrene	170	D	2.8	7.2	29	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	130	D	4.5	7.2	29	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	52	D	4.1	7.2	29	ug/Kg
191-24-2	Benzo(g,h,i)perylene	25	JD	6.5	7.2	29	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.3		15-120		29	SPK: -8
93951-69-0	Fluoranthene-d10	0.23		30-130		57	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.205		20-140		51	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6477		7.535			
1146-65-2	Naphthalene-d8	17837		10.297			
15067-26-2	Acenaphthene-d10	10727		14.177			

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	A4CW0DL	SDG No.:	BM070824
Lab Sample ID:	P3010-06DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	42.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046432.D	5	6/25/2024 12:00:00 AM	7/8/2024 12:00:00 AM	PB161718

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	20880	16.925				
1719-03-5	Chrysene-d12	13740	21.132				
1520-96-3	Perylene-d12	14255	23.288				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	7.7	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	A4B66DL	SDG No.:	BM070824
Lab Sample ID:	P3010-13DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	18.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046433.D	5	6/25/2024 12:00:00 AM	7/8/2024 12:00:00 AM	PB161718

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	5.4	U	5.4	0	41	ug/Kg
91-20-3	Naphthalene	1.2	U	1.2	5	20	ug/Kg
90-12-0	1-Methylnaphthalene	3.2	U	3.2	5	20	ug/Kg
91-57-6	2-Methylnaphthalene	1.2	U	1.2	5	20	ug/Kg
208-96-8	Acenaphthylene	5.1	JD	2	5	20	ug/Kg
83-32-9	Acenaphthene	5.3	JD	1.1	5	20	ug/Kg
86-73-7	Fluorene	5.1	JD	1.3	5	20	ug/Kg
87-86-5	Pentachlorophenol	12	U	12	10.2	41	ug/Kg
85-01-8	Phenanthrene	58	D	1.1	5	20	ug/Kg
120-12-7	Anthracene	13	JD	1	5	20	ug/Kg
206-44-0	Fluoranthene	95	D	1.1	5	20	ug/Kg
129-00-0	Pyrene	86	D	1.5	5	20	ug/Kg
56-55-3	Benzo(a)anthracene	47	D	0.57	5	20	ug/Kg
218-01-9	Chrysene	46	D	1.5	5	20	ug/Kg
205-99-2	Benzo(b)fluoranthene	59	D	2.9	5	20	ug/Kg
207-08-9	Benzo(k)fluoranthene	21	D	2	5	20	ug/Kg
50-32-8	Benzo(a)pyrene	53	D	2	5	20	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	27	D	3.2	5	20	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	8.8	JD	2.9	5	20	ug/Kg
191-24-2	Benzo(g,h,i)perylene	33	D	4.6	5	20	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.37		15-120		30	SPK: -8
93951-69-0	Fluoranthene-d10	0.265		30-130		66	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.24		20-140		60	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7298		7.535			
1146-65-2	Naphthalene-d8	20683		10.293			
15067-26-2	Acenaphthene-d10	12332		14.173			

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	A4B66DL	SDG No.:	BM070824
Lab Sample ID:	P3010-13DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	18.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046433.D	5	6/25/2024 12:00:00 AM	7/8/2024 12:00:00 AM	PB161718

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	22329	16.926				
1719-03-5	Chrysene-d12	12386	21.134				
1520-96-3	Perylene-d12	12460	23.288				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	5.4	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	A4B68DL	SDG No.:	BM070824
Lab Sample ID:	P3010-15DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	34.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046434.D	5	6/25/2024 12:00:00 AM	7/8/2024 12:00:00 AM	PB161718

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	6.8	U	6.8	0	51	ug/Kg
91-20-3	Naphthalene	1.5	U	1.5	6.3	25	ug/Kg
90-12-0	1-Methylnaphthalene	3.9	U	3.9	6.3	25	ug/Kg
91-57-6	2-Methylnaphthalene	1.4	U	1.4	6.3	25	ug/Kg
208-96-8	Acenaphthylene	6.3	JD	2.5	6.3	25	ug/Kg
83-32-9	Acenaphthene	11	JD	1.4	6.3	25	ug/Kg
86-73-7	Fluorene	11	JD	1.7	6.3	25	ug/Kg
87-86-5	Pentachlorophenol	15	U	15	12.7	51	ug/Kg
85-01-8	Phenanthrene	150	D	1.4	6.3	25	ug/Kg
120-12-7	Anthracene	31	D	1.3	6.3	25	ug/Kg
206-44-0	Fluoranthene	280	D	1.4	6.3	25	ug/Kg
129-00-0	Pyrene	190	D	1.8	6.3	25	ug/Kg
56-55-3	Benzo(a)anthracene	130	D	0.71	6.3	25	ug/Kg
218-01-9	Chrysene	140	D	1.9	6.3	25	ug/Kg
205-99-2	Benzo(b)fluoranthene	170	D	3.6	6.3	25	ug/Kg
207-08-9	Benzo(k)fluoranthene	63	D	2.4	6.3	25	ug/Kg
50-32-8	Benzo(a)pyrene	79	D	2.4	6.3	25	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	52	D	3.9	6.3	25	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	23	JD	3.6	6.3	25	ug/Kg
191-24-2	Benzo(g,h,i)perylene	10	JD	5.7	6.3	25	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.61		15-120		33	SPK: -8
93951-69-0	Fluoranthene-d10	0.275		30-130		69	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.24		20-140		60	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7233		7.535			
1146-65-2	Naphthalene-d8	20763		10.293			
15067-26-2	Acenaphthene-d10	12520		14.174			

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	A4B68DL	SDG No.:	BM070824
Lab Sample ID:	P3010-15DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	34.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046434.D	5	6/25/2024 12:00:00 AM	7/8/2024 12:00:00 AM	PB161718

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	22917	16.926				
1719-03-5	Chrysene-d12	13269	21.131				
1520-96-3	Perylene-d12	13409	23.285				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	6.8	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	A4B65DL	SDG No.:	BM070824
Lab Sample ID:	P3010-12DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	27.8
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046435.D	5	6/25/2024 12:00:00 AM	7/8/2024 12:00:00 AM	PB161718

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	6.2	U	6.2	0	46	ug/Kg
91-20-3	Naphthalene	18	JD	1.4	5.7	23	ug/Kg
90-12-0	1-Methylnaphthalene	12	JD	3.6	5.7	23	ug/Kg
91-57-6	2-Methylnaphthalene	14	JD	1.3	5.7	23	ug/Kg
208-96-8	Acenaphthylene	16	JD	2.3	5.7	23	ug/Kg
83-32-9	Acenaphthene	73	D	1.2	5.7	23	ug/Kg
86-73-7	Fluorene	80	D	1.5	5.7	23	ug/Kg
87-86-5	Pentachlorophenol	14	U	14	11.6	46	ug/Kg
85-01-8	Phenanthrene	960	ED	1.2	5.7	23	ug/Kg
120-12-7	Anthracene	190	D	1.2	5.7	23	ug/Kg
206-44-0	Fluoranthene	1400	ED	1.2	5.7	23	ug/Kg
129-00-0	Pyrene	810	ED	1.7	5.7	23	ug/Kg
56-55-3	Benzo(a)anthracene	580	ED	0.64	5.7	23	ug/Kg
218-01-9	Chrysene	560	ED	1.7	5.7	23	ug/Kg
205-99-2	Benzo(b)fluoranthene	620	ED	3.3	5.7	23	ug/Kg
207-08-9	Benzo(k)fluoranthene	220	D	2.2	5.7	23	ug/Kg
50-32-8	Benzo(a)pyrene	270	D	2.2	5.7	23	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	170	D	3.6	5.7	23	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	83	D	3.3	5.7	23	ug/Kg
191-24-2	Benzo(g,h,i)perylene	30	D	5.2	5.7	23	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.24		15-120		28	SPK: -8
93951-69-0	Fluoranthene-d10	0.225		30-130		56	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.21		20-140		52	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7151	7.531				
1146-65-2	Naphthalene-d8	19718	10.293				
15067-26-2	Acenaphthene-d10	11902	14.174				

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	A4B65DL	SDG No.:	BM070824
Lab Sample ID:	P3010-12DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	27.8
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046435.D	5	6/25/2024 12:00:00 AM	7/8/2024 12:00:00 AM	PB161718

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	22648	16.926				
1719-03-5	Chrysene-d12	13639	21.131				
1520-96-3	Perylene-d12	14714	23.285				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	6.2	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4CS9	SDG No.:	BM070824
Lab Sample ID:	P2963-18	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	8.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046436.D	1	6/22/2024 12:00:00 AM	7/8/2024 12:00:00 AM	PB161653

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.97	U	0.97	0	7.3	ug/Kg
91-20-3	Naphthalene	21		0.22	0.9	3.6	ug/Kg
90-12-0	1-Methylnaphthalene	7.9		0.57	0.9	3.6	ug/Kg
91-57-6	2-Methylnaphthalene	13		0.21	0.9	3.6	ug/Kg
208-96-8	Acenaphthylene	26		0.36	0.9	3.6	ug/Kg
83-32-9	Acenaphthene	11		0.2	0.9	3.6	ug/Kg
86-73-7	Fluorene	13		0.24	0.9	3.6	ug/Kg
87-86-5	Pentachlorophenol	2.2	U	2.2	1.8	7.3	ug/Kg
85-01-8	Phenanthrene	190	E	0.2	0.9	3.6	ug/Kg
120-12-7	Anthracene	43		0.19	0.9	3.6	ug/Kg
206-44-0	Fluoranthene	380	E	0.2	0.9	3.6	ug/Kg
129-00-0	Pyrene	270	E	0.26	0.9	3.6	ug/Kg
56-55-3	Benzo(a)anthracene	180	E	0.1	0.9	3.6	ug/Kg
218-01-9	Chrysene	190	E	0.27	0.9	3.6	ug/Kg
205-99-2	Benzo(b)fluoranthene	240	E	0.51	0.9	3.6	ug/Kg
207-08-9	Benzo(k)fluoranthene	81	E	0.35	0.9	3.6	ug/Kg
50-32-8	Benzo(a)pyrene	100	E	0.35	0.9	3.6	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	88	E	0.57	0.9	3.6	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	38		0.51	0.9	3.6	ug/Kg
191-24-2	Benzo(g,h,i)perylene	17		0.82	0.9	3.6	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.572		15-120		32	SPK: -8
93951-69-0	Fluoranthene-d10	0.323		30-130		81	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.269		20-140		67	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6177		7.535			
1146-65-2	Naphthalene-d8	17879		10.293			
15067-26-2	Acenaphthene-d10	11357		14.174			

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4CS9	SDG No.:	BM070824
Lab Sample ID:	P2963-18	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	8.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046436.D	1	6/22/2024 12:00:00 AM	7/8/2024 12:00:00 AM	PB161653

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	22149	16.926				
1719-03-5	Chrysene-d12	10522	21.134				
1520-96-3	Perylene-d12	11235	23.291				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.97	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	A4B98DL	SDG No.:	BM070824
Lab Sample ID:	P3010-17DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	19.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046437.D	5	6/25/2024 12:00:00 AM	7/8/2024 12:00:00 AM	PB161718

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	5.5	U	5.5	0	42	ug/Kg
91-20-3	Naphthalene	18	JD	1.2	5.1	21	ug/Kg
90-12-0	1-Methylnaphthalene	10	JD	3.2	5.1	21	ug/Kg
91-57-6	2-Methylnaphthalene	11	JD	1.2	5.1	21	ug/Kg
208-96-8	Acenaphthylene	100	D	2.1	5.1	21	ug/Kg
83-32-9	Acenaphthene	39	D	1.1	5.1	21	ug/Kg
86-73-7	Fluorene	52	D	1.4	5.1	21	ug/Kg
87-86-5	Pentachlorophenol	12	U	12	10.4	42	ug/Kg
85-01-8	Phenanthrene	680	ED	1.1	5.1	21	ug/Kg
120-12-7	Anthracene	220	D	1.1	5.1	21	ug/Kg
206-44-0	Fluoranthene	1500	ED	1.1	5.1	21	ug/Kg
129-00-0	Pyrene	1200	ED	1.5	5.1	21	ug/Kg
56-55-3	Benzo(a)anthracene	740	ED	0.58	5.1	21	ug/Kg
218-01-9	Chrysene	660	ED	1.6	5.1	21	ug/Kg
205-99-2	Benzo(b)fluoranthene	710	ED	2.9	5.1	21	ug/Kg
207-08-9	Benzo(k)fluoranthene	260	D	2	5.1	21	ug/Kg
50-32-8	Benzo(a)pyrene	380	ED	2	5.1	21	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	230	D	3.2	5.1	21	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	99	D	2.9	5.1	21	ug/Kg
191-24-2	Benzo(g,h,i)perylene	45	D	4.7	5.1	21	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.495		15-120		31	SPK: -8
93951-69-0	Fluoranthene-d10	0.315		30-130		79	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.255		20-140		64	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	8299		7.535			
1146-65-2	Naphthalene-d8	23797		10.297			
15067-26-2	Acenaphthene-d10	14438		14.177			

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	A4B98DL	SDG No.:	BM070824
Lab Sample ID:	P3010-17DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	19.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046437.D	5	6/25/2024 12:00:00 AM	7/8/2024 12:00:00 AM	PB161718

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	26921	16.929				
1719-03-5	Chrysene-d12	13841	21.132				
1520-96-3	Perylene-d12	14882	23.285				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	5.5	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	A4CG2DL	SDG No.:	BM070824
Lab Sample ID:	P3010-01DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046438.D	5	6/25/2024 12:00:00 AM	7/8/2024 12:00:00 AM	PB161718

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	4.7	U	4.7	0	35	ug/Kg
91-20-3	Naphthalene	28	D	1	4.3	17	ug/Kg
90-12-0	1-Methylnaphthalene	12	JD	2.7	4.3	17	ug/Kg
91-57-6	2-Methylnaphthalene	19	D	1	4.3	17	ug/Kg
208-96-8	Acenaphthylene	130	D	1.7	4.3	17	ug/Kg
83-32-9	Acenaphthene	18	D	0.94	4.3	17	ug/Kg
86-73-7	Fluorene	31	D	1.2	4.3	17	ug/Kg
87-86-5	Pentachlorophenol	10	U	10	8.8	35	ug/Kg
85-01-8	Phenanthrene	420	ED	0.94	4.3	17	ug/Kg
120-12-7	Anthracene	180	D	0.89	4.3	17	ug/Kg
206-44-0	Fluoranthene	1300	ED	0.94	4.3	17	ug/Kg
129-00-0	Pyrene	840	ED	1.3	4.3	17	ug/Kg
56-55-3	Benzo(a)anthracene	660	ED	0.49	4.3	17	ug/Kg
218-01-9	Chrysene	630	ED	1.3	4.3	17	ug/Kg
205-99-2	Benzo(b)fluoranthene	720	ED	2.5	4.3	17	ug/Kg
207-08-9	Benzo(k)fluoranthene	240	D	1.7	4.3	17	ug/Kg
50-32-8	Benzo(a)pyrene	330	ED	1.7	4.3	17	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	240	D	2.7	4.3	17	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	D	2.5	4.3	17	ug/Kg
191-24-2	Benzo(g,h,i)perylene	44	D	3.9	4.3	17	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.42		15-120		30	SPK: -8
93951-69-0	Fluoranthene-d10	0.275		30-130		69	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.24		20-140		60	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7250		7.531			
1146-65-2	Naphthalene-d8	20152		10.297			
15067-26-2	Acenaphthene-d10	12463		14.177			

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	A4CG2DL	SDG No.:	BM070824
Lab Sample ID:	P3010-01DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046438.D	5	6/25/2024 12:00:00 AM	7/8/2024 12:00:00 AM	PB161718

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	24121	16.925				
1719-03-5	Chrysene-d12	13369	21.134				
1520-96-3	Perylene-d12	14894	23.288				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	4.7	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	A4CW5DL	SDG No.:	BM070824
Lab Sample ID:	P3010-24DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	30.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046439.D	5	6/25/2024 12:00:00 AM	7/8/2024 12:00:00 AM	PB161718

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	6.4	U	6.4	0	48	ug/Kg
91-20-3	Naphthalene	37	D	1.4	5.9	24	ug/Kg
90-12-0	1-Methylnaphthalene	17	JD	3.7	5.9	24	ug/Kg
91-57-6	2-Methylnaphthalene	23	JD	1.4	5.9	24	ug/Kg
208-96-8	Acenaphthylene	76	D	2.4	5.9	24	ug/Kg
83-32-9	Acenaphthene	69	D	1.3	5.9	24	ug/Kg
86-73-7	Fluorene	73	D	1.6	5.9	24	ug/Kg
87-86-5	Pentachlorophenol	14	U	14	12.1	48	ug/Kg
85-01-8	Phenanthrene	1100	ED	1.3	5.9	24	ug/Kg
120-12-7	Anthracene	210	D	1.2	5.9	24	ug/Kg
206-44-0	Fluoranthene	2500	ED	1.3	5.9	24	ug/Kg
129-00-0	Pyrene	1500	ED	1.7	5.9	24	ug/Kg
56-55-3	Benzo(a)anthracene	1000	ED	0.67	5.9	24	ug/Kg
218-01-9	Chrysene	1100	ED	1.8	5.9	24	ug/Kg
205-99-2	Benzo(b)fluoranthene	1400	ED	3.4	5.9	24	ug/Kg
207-08-9	Benzo(k)fluoranthene	480	ED	2.3	5.9	24	ug/Kg
50-32-8	Benzo(a)pyrene	560	ED	2.3	5.9	24	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	430	ED	3.7	5.9	24	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	190	D	3.4	5.9	24	ug/Kg
191-24-2	Benzo(g,h,i)perylene	80	D	5.4	5.9	24	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.075		15-120		26	SPK: -8
93951-69-0	Fluoranthene-d10	0.31		30-130		77	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.25		20-140		63	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	8102		7.535			
1146-65-2	Naphthalene-d8	22670		10.299			
15067-26-2	Acenaphthene-d10	13871		14.174			

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	A4CW5DL	SDG No.:	BM070824
Lab Sample ID:	P3010-24DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	30.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046439.D	5	6/25/2024 12:00:00 AM	7/8/2024 12:00:00 AM	PB161718

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	26148	16.926				
1719-03-5	Chrysene-d12	13383	21.134				
1520-96-3	Perylene-d12	15010	23.288				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	6.4	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	A4CW3DL	SDG No.:	BM070824
Lab Sample ID:	P3010-08DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	5.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046440.D	5	6/25/2024 12:00:00 AM	7/8/2024 12:00:00 AM	PB161718

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	4.7	U	4.7	0	35	ug/Kg
91-20-3	Naphthalene	1.1	U	1.1	4.4	17	ug/Kg
90-12-0	1-Methylnaphthalene	2.8	U	2.8	4.4	17	ug/Kg
91-57-6	2-Methylnaphthalene	1	U	1	4.4	17	ug/Kg
208-96-8	Acenaphthylene	5.3	JD	1.7	4.4	17	ug/Kg
83-32-9	Acenaphthene	0.95	U	0.95	4.4	17	ug/Kg
86-73-7	Fluorene	1.2	U	1.2	4.4	17	ug/Kg
87-86-5	Pentachlorophenol	11	U	11	8.9	35	ug/Kg
85-01-8	Phenanthrene	28	D	0.95	4.4	17	ug/Kg
120-12-7	Anthracene	6.2	JD	0.9	4.4	17	ug/Kg
206-44-0	Fluoranthene	66	D	0.95	4.4	17	ug/Kg
129-00-0	Pyrene	56	D	1.3	4.4	17	ug/Kg
56-55-3	Benzo(a)anthracene	27	D	0.49	4.4	17	ug/Kg
218-01-9	Chrysene	34	D	1.3	4.4	17	ug/Kg
205-99-2	Benzo(b)fluoranthene	49	D	2.5	4.4	17	ug/Kg
207-08-9	Benzo(k)fluoranthene	16	JD	1.7	4.4	17	ug/Kg
50-32-8	Benzo(a)pyrene	35	D	1.7	4.4	17	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	22	D	2.8	4.4	17	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	6.7	JD	2.5	4.4	17	ug/Kg
191-24-2	Benzo(g,h,i)perylene	27	D	4	4.4	17	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.03		15-120		25	SPK: -8
93951-69-0	Fluoranthene-d10	0.245		30-130		61	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.22		20-140		55	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	8251		7.535			
1146-65-2	Naphthalene-d8	23675		10.293			
15067-26-2	Acenaphthene-d10	14580		14.178			

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	A4CW3DL	SDG No.:	BM070824
Lab Sample ID:	P3010-08DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	5.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046440.D	5	6/25/2024 12:00:00 AM	7/8/2024 12:00:00 AM	PB161718

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	27302	16.926				
1719-03-5	Chrysene-d12	15757	21.131				
1520-96-3	Perylene-d12	15173	23.285				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	4.7	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	A4CW6DL	SDG No.:	BM070824
Lab Sample ID:	P3010-10DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	11.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046441.D	5	6/25/2024 12:00:00 AM	7/8/2024 12:00:00 AM	PB161718

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	5	U	5	0	38	ug/Kg
91-20-3	Naphthalene	7.5	JD	1.1	4.7	19	ug/Kg
90-12-0	1-Methylnaphthalene	2.9	U	2.9	4.7	19	ug/Kg
91-57-6	2-Methylnaphthalene	5.1	JD	1.1	4.7	19	ug/Kg
208-96-8	Acenaphthylene	16	JD	1.9	4.7	19	ug/Kg
83-32-9	Acenaphthene	5.8	JD	1	4.7	19	ug/Kg
86-73-7	Fluorene	7.3	JD	1.2	4.7	19	ug/Kg
87-86-5	Pentachlorophenol	11	U	11	9.5	38	ug/Kg
85-01-8	Phenanthrene	110	D	1	4.7	19	ug/Kg
120-12-7	Anthracene	22	D	0.96	4.7	19	ug/Kg
206-44-0	Fluoranthene	240	D	1	4.7	19	ug/Kg
129-00-0	Pyrene	160	D	1.4	4.7	19	ug/Kg
56-55-3	Benzo(a)anthracene	100	D	0.52	4.7	19	ug/Kg
218-01-9	Chrysene	130	D	1.4	4.7	19	ug/Kg
205-99-2	Benzo(b)fluoranthene	170	D	2.7	4.7	19	ug/Kg
207-08-9	Benzo(k)fluoranthene	63	D	1.8	4.7	19	ug/Kg
50-32-8	Benzo(a)pyrene	72	D	1.8	4.7	19	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	57	D	2.9	4.7	19	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	24	D	2.7	4.7	19	ug/Kg
191-24-2	Benzo(g,h,i)perylene	12	JD	4.2	4.7	19	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.98		15-120		37	SPK: -8
93951-69-0	Fluoranthene-d10	0.325		30-130		81	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.31		20-140		77	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7766		7.531			
1146-65-2	Naphthalene-d8	21697		10.293			
15067-26-2	Acenaphthene-d10	13185		14.174			

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	A4CW6DL	SDG No.:	BM070824
Lab Sample ID:	P3010-10DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	11.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046441.D	5	6/25/2024 12:00:00 AM	7/8/2024 12:00:00 AM	PB161718

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	24995	16.926				
1719-03-5	Chrysene-d12	14985	21.128				
1520-96-3	Perylene-d12	14886	23.285				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	5	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	A4BD0DL	SDG No.:	BM070824
Lab Sample ID:	P3010-21DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	37.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046442.D	5	6/25/2024 12:00:00 AM	7/8/2024 12:00:00 AM	PB161718

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	7.1	U	7.1	0	54	ug/Kg
91-20-3	Naphthalene	21	JD	1.6	6.6	26	ug/Kg
90-12-0	1-Methylnaphthalene	8.3	JD	4.2	6.6	26	ug/Kg
91-57-6	2-Methylnaphthalene	11	JD	1.5	6.6	26	ug/Kg
208-96-8	Acenaphthylene	23	JD	2.6	6.6	26	ug/Kg
83-32-9	Acenaphthene	41	D	1.4	6.6	26	ug/Kg
86-73-7	Fluorene	37	D	1.8	6.6	26	ug/Kg
87-86-5	Pentachlorophenol	16	U	16	13.4	54	ug/Kg
85-01-8	Phenanthrene	590	ED	1.4	6.6	26	ug/Kg
120-12-7	Anthracene	100	D	1.4	6.6	26	ug/Kg
206-44-0	Fluoranthene	1100	ED	1.4	6.6	26	ug/Kg
129-00-0	Pyrene	660	ED	1.9	6.6	26	ug/Kg
56-55-3	Benzo(a)anthracene	430	ED	0.74	6.6	26	ug/Kg
218-01-9	Chrysene	440	ED	2	6.6	26	ug/Kg
205-99-2	Benzo(b)fluoranthene	560	ED	3.8	6.6	26	ug/Kg
207-08-9	Benzo(k)fluoranthene	190	D	2.6	6.6	26	ug/Kg
50-32-8	Benzo(a)pyrene	240	D	2.6	6.6	26	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	170	D	4.2	6.6	26	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	81	D	3.8	6.6	26	ug/Kg
191-24-2	Benzo(g,h,i)perylene	34	D	6	6.6	26	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.495		15-120		31	SPK: -8
93951-69-0	Fluoranthene-d10	0.315		30-130		79	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.265		20-140		66	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	8339		7.531			
1146-65-2	Naphthalene-d8	23631		10.293			
15067-26-2	Acenaphthene-d10	14400		14.174			

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	A4BD0DL	SDG No.:	BM070824
Lab Sample ID:	P3010-21DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	37.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046442.D	5	6/25/2024 12:00:00 AM	7/8/2024 12:00:00 AM	PB161718

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	26707	16.926				
1719-03-5	Chrysene-d12	15013	21.131				
1520-96-3	Perylene-d12	15226	23.285				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	7.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	A4CW1DL	SDG No.:	BM070824
Lab Sample ID:	P3010-07DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	21.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046443.D	5	6/25/2024 12:00:00 AM	7/8/2024 12:00:00 AM	PB161718

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	5.6	U	5.6	0	42	ug/Kg
91-20-3	Naphthalene	1.3	U	1.3	5.2	21	ug/Kg
90-12-0	1-Methylnaphthalene	3.3	U	3.3	5.2	21	ug/Kg
91-57-6	2-Methylnaphthalene	1.2	U	1.2	5.2	21	ug/Kg
208-96-8	Acenaphthylene	6.9	JD	2.1	5.2	21	ug/Kg
83-32-9	Acenaphthene	1.1	U	1.1	5.2	21	ug/Kg
86-73-7	Fluorene	1.4	U	1.4	5.2	21	ug/Kg
87-86-5	Pentachlorophenol	13	U	13	10.6	42	ug/Kg
85-01-8	Phenanthrene	51	D	1.1	5.2	21	ug/Kg
120-12-7	Anthracene	11	JD	1.1	5.2	21	ug/Kg
206-44-0	Fluoranthene	99	D	1.1	5.2	21	ug/Kg
129-00-0	Pyrene	87	D	1.5	5.2	21	ug/Kg
56-55-3	Benzo(a)anthracene	43	D	0.59	5.2	21	ug/Kg
218-01-9	Chrysene	49	D	1.6	5.2	21	ug/Kg
205-99-2	Benzo(b)fluoranthene	62	D	3	5.2	21	ug/Kg
207-08-9	Benzo(k)fluoranthene	24	D	2	5.2	21	ug/Kg
50-32-8	Benzo(a)pyrene	51	D	2	5.2	21	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	30	D	3.3	5.2	21	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	9.3	JD	3	5.2	21	ug/Kg
191-24-2	Benzo(g,h,i)perylene	37	D	4.7	5.2	21	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.535		15-120		32	SPK: -8
93951-69-0	Fluoranthene-d10	0.28		30-130		70	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.265		20-140		66	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7016		7.531			
1146-65-2	Naphthalene-d8	19135		10.297			
15067-26-2	Acenaphthene-d10	11457		14.172			

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	A4CW1DL	SDG No.:	BM070824
Lab Sample ID:	P3010-07DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	21.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046443.D	5	6/25/2024 12:00:00 AM	7/8/2024 12:00:00 AM	PB161718

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	21272	16.925				
1719-03-5	Chrysene-d12	12873	21.129				
1520-96-3	Perylene-d12	12998	23.283				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	5.6	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/22/2024 12:00:00 AM
Project:		Date Received:	6/22/2024 12:00:00 AM
Client Sample ID:	SBLK653	SDG No.:	BM070824
Lab Sample ID:	PB161653BL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046445.D	1	6/22/2024 12:00:00 AM	7/8/2024 12:00:00 AM	PB161653

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.89	U	0.89	0	6.7	ug/Kg
91-20-3	Naphthalene	0.2	U	0.2	0.83	3.3	ug/Kg
90-12-0	1-Methylnaphthalene	0.52	U	0.52	0.83	3.3	ug/Kg
91-57-6	2-Methylnaphthalene	0.19	U	0.19	0.83	3.3	ug/Kg
208-96-8	Acenaphthylene	0.33	U	0.33	0.83	3.3	ug/Kg
83-32-9	Acenaphthene	0.18	U	0.18	0.83	3.3	ug/Kg
86-73-7	Fluorene	0.22	U	0.22	0.83	3.3	ug/Kg
87-86-5	Pentachlorophenol	2	U	2	1.7	6.7	ug/Kg
85-01-8	Phenanthrene	0.18	U	0.18	0.83	3.3	ug/Kg
120-12-7	Anthracene	0.17	U	0.17	0.83	3.3	ug/Kg
206-44-0	Fluoranthene	0.18	U	0.18	0.83	3.3	ug/Kg
129-00-0	Pyrene	0.24	U	0.24	0.83	3.3	ug/Kg
56-55-3	Benzo(a)anthracene	0.09	U	0.09	0.83	3.3	ug/Kg
218-01-9	Chrysene	0.25	U	0.25	0.83	3.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.47	U	0.47	0.83	3.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.32	U	0.32	0.83	3.3	ug/Kg
50-32-8	Benzo(a)pyrene	0.32	U	0.32	0.83	3.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.52	U	0.52	0.83	3.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.47	U	0.47	0.83	3.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	0.75	U	0.75	0.83	3.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.916		15-120		49	SPK: -8
93951-69-0	Fluoranthene-d10	0.352		30-130		88	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.343		20-140		86	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5470	7.531				
1146-65-2	Naphthalene-d8	15884	10.293				
15067-26-2	Acenaphthene-d10	9680	14.174				

Report of Analysis

Client:		Date Collected:	6/22/2024 12:00:00 AM
Project:		Date Received:	6/22/2024 12:00:00 AM
Client Sample ID:	SBLK653	SDG No.:	BM070824
Lab Sample ID:	PB161653BL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046445.D	1	6/22/2024 12:00:00 AM	7/8/2024 12:00:00 AM	PB161653

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	18236	16.926				
1719-03-5	Chrysene-d12	10513	21.128				
1520-96-3	Perylene-d12	9836	23.276				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.89	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	A4CF0DL	SDG No.:	BM070824
Lab Sample ID:	P2982-06DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	14.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046446.D	5	6/24/2024 12:00:00 AM	7/8/2024 12:00:00 AM	PB161679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	5.2	U	5.2	0	39	ug/Kg
91-20-3	Naphthalene	18	JD	1.2	4.8	19	ug/Kg
90-12-0	1-Methylnaphthalene	9.7	JD	3	4.8	19	ug/Kg
91-57-6	2-Methylnaphthalene	13	JD	1.1	4.8	19	ug/Kg
208-96-8	Acenaphthylene	36	D	1.9	4.8	19	ug/Kg
83-32-9	Acenaphthene	26	D	1	4.8	19	ug/Kg
86-73-7	Fluorene	27	D	1.3	4.8	19	ug/Kg
87-86-5	Pentachlorophenol	12	U	12	9.8	39	ug/Kg
85-01-8	Phenanthrene	370	ED	1	4.8	19	ug/Kg
120-12-7	Anthracene	74	D	0.99	4.8	19	ug/Kg
206-44-0	Fluoranthene	670	ED	1	4.8	19	ug/Kg
129-00-0	Pyrene	470	ED	1.4	4.8	19	ug/Kg
56-55-3	Benzo(a)anthracene	300	D	0.54	4.8	19	ug/Kg
218-01-9	Chrysene	350	ED	1.5	4.8	19	ug/Kg
205-99-2	Benzo(b)fluoranthene	450	ED	2.7	4.8	19	ug/Kg
207-08-9	Benzo(k)fluoranthene	170	D	1.9	4.8	19	ug/Kg
50-32-8	Benzo(a)pyrene	200	D	1.9	4.8	19	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	150	D	3	4.8	19	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	64	D	2.7	4.8	19	ug/Kg
191-24-2	Benzo(g,h,i)perylene	30	D	4.4	4.8	19	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.905		15-120		24	SPK: -8
93951-69-0	Fluoranthene-d10	0.205		30-130		51	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.195		20-140		49	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6854		7.531			
1146-65-2	Naphthalene-d8	18625		10.293			
15067-26-2	Acenaphthene-d10	11414		14.174			

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	A4CF0DL	SDG No.:	BM070824
Lab Sample ID:	P2982-06DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	14.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046446.D	5	6/24/2024 12:00:00 AM	7/8/2024 12:00:00 AM	PB161679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	21865	16.926				
1719-03-5	Chrysene-d12	14141	21.128				
1520-96-3	Perylene-d12	15473	23.282				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	5.2	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	A4BB8DL	SDG No.:	BM070824
Lab Sample ID:	P2982-17DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	23.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046447.D	5	6/24/2024 12:00:00 AM	7/8/2024 12:00:00 AM	PB161679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	5.8	U	5.8	0	44	ug/Kg
91-20-3	Naphthalene	10	JD	1.3	5.4	22	ug/Kg
90-12-0	1-Methylnaphthalene	3.4	U	3.4	5.4	22	ug/Kg
91-57-6	2-Methylnaphthalene	5.2	JD	1.2	5.4	22	ug/Kg
208-96-8	Acenaphthylene	11	JD	2.2	5.4	22	ug/Kg
83-32-9	Acenaphthene	12	JD	1.2	5.4	22	ug/Kg
86-73-7	Fluorene	14	JD	1.4	5.4	22	ug/Kg
87-86-5	Pentachlorophenol	13	U	13	10.9	44	ug/Kg
85-01-8	Phenanthrene	160	D	1.2	5.4	22	ug/Kg
120-12-7	Anthracene	32	D	1.1	5.4	22	ug/Kg
206-44-0	Fluoranthene	240	D	1.2	5.4	22	ug/Kg
129-00-0	Pyrene	200	D	1.6	5.4	22	ug/Kg
56-55-3	Benzo(a)anthracene	100	D	0.61	5.4	22	ug/Kg
218-01-9	Chrysene	110	D	1.6	5.4	22	ug/Kg
205-99-2	Benzo(b)fluoranthene	140	D	3.1	5.4	22	ug/Kg
207-08-9	Benzo(k)fluoranthene	45	D	2.1	5.4	22	ug/Kg
50-32-8	Benzo(a)pyrene	110	D	2.1	5.4	22	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	61	D	3.4	5.4	22	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	18	JD	3.1	5.4	22	ug/Kg
191-24-2	Benzo(g,h,i)perylene	75	D	4.9	5.4	22	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.555		15-120		32	SPK: -8
93951-69-0	Fluoranthene-d10	0.255		30-130		64	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.25		20-140		63	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7166		7.531			
1146-65-2	Naphthalene-d8	19762		10.293			
15067-26-2	Acenaphthene-d10	12228		14.174			

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	A4BB8DL	SDG No.:	BM070824
Lab Sample ID:	P2982-17DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	23.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046447.D	5	6/24/2024 12:00:00 AM	7/8/2024 12:00:00 AM	PB161679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	24176	16.926				
1719-03-5	Chrysene-d12	15749	21.128				
1520-96-3	Perylene-d12	15622	23.279				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	5.8	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	A4CF2DL	SDG No.:	BM070824
Lab Sample ID:	P2982-07DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	6.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046448.D	5	6/24/2024 12:00:00 AM	7/8/2024 12:00:00 AM	PB161679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	4.7	U	4.7	0	36	ug/Kg
91-20-3	Naphthalene	10	JD	1.1	4.4	18	ug/Kg
90-12-0	1-Methylnaphthalene	5.8	JD	2.8	4.4	18	ug/Kg
91-57-6	2-Methylnaphthalene	7.8	JD	1	4.4	18	ug/Kg
208-96-8	Acenaphthylene	26	D	1.8	4.4	18	ug/Kg
83-32-9	Acenaphthene	16	JD	0.96	4.4	18	ug/Kg
86-73-7	Fluorene	17	JD	1.2	4.4	18	ug/Kg
87-86-5	Pentachlorophenol	11	U	11	8.9	36	ug/Kg
85-01-8	Phenanthrene	250	D	0.96	4.4	18	ug/Kg
120-12-7	Anthracene	55	D	0.9	4.4	18	ug/Kg
206-44-0	Fluoranthene	560	ED	0.96	4.4	18	ug/Kg
129-00-0	Pyrene	380	ED	1.3	4.4	18	ug/Kg
56-55-3	Benzo(a)anthracene	250	D	0.49	4.4	18	ug/Kg
218-01-9	Chrysene	280	D	1.3	4.4	18	ug/Kg
205-99-2	Benzo(b)fluoranthene	370	ED	2.5	4.4	18	ug/Kg
207-08-9	Benzo(k)fluoranthene	130	D	1.7	4.4	18	ug/Kg
50-32-8	Benzo(a)pyrene	160	D	1.7	4.4	18	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	120	D	2.8	4.4	18	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	50	D	2.5	4.4	18	ug/Kg
191-24-2	Benzo(g,h,i)perylene	23	D	4	4.4	18	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.34		15-120		29	SPK: -8
93951-69-0	Fluoranthene-d10	0.275		30-130		69	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.255		20-140		64	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7161		7.531			
1146-65-2	Naphthalene-d8	19760		10.292			
15067-26-2	Acenaphthene-d10	12167		14.172			

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	A4CF2DL	SDG No.:	BM070824
Lab Sample ID:	P2982-07DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	6.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046448.D	5	6/24/2024 12:00:00 AM	7/8/2024 12:00:00 AM	PB161679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	22579	16.925				
1719-03-5	Chrysene-d12	12843	21.126				
1520-96-3	Perylene-d12	13672	23.277				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	4.7	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	A4CF6DL	SDG No.:	BM070824
Lab Sample ID:	P2982-10DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	41
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046449.D	5	6/24/2024 12:00:00 AM	7/8/2024 12:00:00 AM	PB161679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	7.5	U	7.5	0	57	ug/Kg
91-20-3	Naphthalene	1.7	U	1.7	7	28	ug/Kg
90-12-0	1-Methylnaphthalene	4.4	U	4.4	7	28	ug/Kg
91-57-6	2-Methylnaphthalene	1.6	U	1.6	7	28	ug/Kg
208-96-8	Acenaphthylene	16	JD	2.8	7	28	ug/Kg
83-32-9	Acenaphthene	6.2	JD	1.5	7	28	ug/Kg
86-73-7	Fluorene	7.9	JD	1.9	7	28	ug/Kg
87-86-5	Pentachlorophenol	17	U	17	14.2	57	ug/Kg
85-01-8	Phenanthrene	110	D	1.5	7	28	ug/Kg
120-12-7	Anthracene	29	D	1.4	7	28	ug/Kg
206-44-0	Fluoranthene	250	D	1.5	7	28	ug/Kg
129-00-0	Pyrene	210	D	2	7	28	ug/Kg
56-55-3	Benzo(a)anthracene	120	D	0.79	7	28	ug/Kg
218-01-9	Chrysene	120	D	2.1	7	28	ug/Kg
205-99-2	Benzo(b)fluoranthene	140	D	4	7	28	ug/Kg
207-08-9	Benzo(k)fluoranthene	52	D	2.7	7	28	ug/Kg
50-32-8	Benzo(a)pyrene	90	D	2.7	7	28	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	54	D	4.4	7	28	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	21	JD	4	7	28	ug/Kg
191-24-2	Benzo(g,h,i)perylene	14	JD	6.4	7	28	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.95		15-120		37	SPK: -8
93951-69-0	Fluoranthene-d10	0.355		30-130		89	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.3		20-140		75	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7649		7.531			
1146-65-2	Naphthalene-d8	21755		10.293			
15067-26-2	Acenaphthene-d10	13574		14.174			

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	A4CF6DL	SDG No.:	BM070824
Lab Sample ID:	P2982-10DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	41
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046449.D	5	6/24/2024 12:00:00 AM	7/8/2024 12:00:00 AM	PB161679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	25196	16.926				
1719-03-5	Chrysene-d12	14024	21.128				
1520-96-3	Perylene-d12	14238	23.279				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	7.5	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	A4CF7DL	SDG No.:	BM070824
Lab Sample ID:	P2982-11DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	14.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046450.D	5	6/24/2024 12:00:00 AM	7/8/2024 12:00:00 AM	PB161679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	5.2	U	5.2	0	39	ug/Kg
91-20-3	Naphthalene	1.2	U	1.2	4.8	19	ug/Kg
90-12-0	1-Methylnaphthalene	3	U	3	4.8	19	ug/Kg
91-57-6	2-Methylnaphthalene	1.1	U	1.1	4.8	19	ug/Kg
208-96-8	Acenaphthylene	8.7	JD	1.9	4.8	19	ug/Kg
83-32-9	Acenaphthene	6.2	JD	1	4.8	19	ug/Kg
86-73-7	Fluorene	5.6	JD	1.3	4.8	19	ug/Kg
87-86-5	Pentachlorophenol	12	U	12	9.7	39	ug/Kg
85-01-8	Phenanthrene	68	D	1	4.8	19	ug/Kg
120-12-7	Anthracene	16	JD	0.99	4.8	19	ug/Kg
206-44-0	Fluoranthene	110	D	1	4.8	19	ug/Kg
129-00-0	Pyrene	110	D	1.4	4.8	19	ug/Kg
56-55-3	Benzo(a)anthracene	50	D	0.54	4.8	19	ug/Kg
218-01-9	Chrysene	50	D	1.5	4.8	19	ug/Kg
205-99-2	Benzo(b)fluoranthene	57	D	2.7	4.8	19	ug/Kg
207-08-9	Benzo(k)fluoranthene	19	D	1.9	4.8	19	ug/Kg
50-32-8	Benzo(a)pyrene	53	D	1.9	4.8	19	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	26	D	3	4.8	19	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	8.1	JD	2.7	4.8	19	ug/Kg
191-24-2	Benzo(g,h,i)perylene	33	D	4.4	4.8	19	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.515		15-120		31	SPK: -8
93951-69-0	Fluoranthene-d10	0.28		30-130		70	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.26		20-140		65	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7646		7.531			
1146-65-2	Naphthalene-d8	21868		10.292			
15067-26-2	Acenaphthene-d10	13622		14.172			

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	A4CF7DL	SDG No.:	BM070824
Lab Sample ID:	P2982-11DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	14.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046450.D	5	6/24/2024 12:00:00 AM	7/8/2024 12:00:00 AM	PB161679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	25390	16.925				
1719-03-5	Chrysene-d12	13740	21.126				
1520-96-3	Perylene-d12	13839	23.277				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	5.2	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	A4CG0DL	SDG No.:	BM070824
Lab Sample ID:	P2982-13DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	22.2
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046451.D	5	6/24/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	5.7	U	5.7	0	43	ug/Kg
91-20-3	Naphthalene	1.3	U	1.3	5.3	21	ug/Kg
90-12-0	1-Methylnaphthalene	3.3	U	3.3	5.3	21	ug/Kg
91-57-6	2-Methylnaphthalene	1.2	U	1.2	5.3	21	ug/Kg
208-96-8	Acenaphthylene	9.6	JD	2.1	5.3	21	ug/Kg
83-32-9	Acenaphthene	6.6	JD	1.2	5.3	21	ug/Kg
86-73-7	Fluorene	9.2	JD	1.4	5.3	21	ug/Kg
87-86-5	Pentachlorophenol	13	U	13	10.8	43	ug/Kg
85-01-8	Phenanthrene	110	D	1.2	5.3	21	ug/Kg
120-12-7	Anthracene	38	D	1.1	5.3	21	ug/Kg
206-44-0	Fluoranthene	210	D	1.2	5.3	21	ug/Kg
129-00-0	Pyrene	190	D	1.5	5.3	21	ug/Kg
56-55-3	Benzo(a)anthracene	100	D	0.6	5.3	21	ug/Kg
218-01-9	Chrysene	91	D	1.6	5.3	21	ug/Kg
205-99-2	Benzo(b)fluoranthene	110	D	3	5.3	21	ug/Kg
207-08-9	Benzo(k)fluoranthene	37	D	2.1	5.3	21	ug/Kg
50-32-8	Benzo(a)pyrene	99	D	2.1	5.3	21	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	48	D	3.3	5.3	21	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	16	JD	3	5.3	21	ug/Kg
191-24-2	Benzo(g,h,i)perylene	57	D	4.8	5.3	21	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.065		15-120		26	SPK: -8
93951-69-0	Fluoranthene-d10	0.215		30-130		54	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.205		20-140		51	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6484		7.531			
1146-65-2	Naphthalene-d8	17947		10.293			
15067-26-2	Acenaphthene-d10	11182		14.174			

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	A4CG0DL	SDG No.:	BM070824
Lab Sample ID:	P2982-13DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	22.2
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046451.D	5	6/24/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	20895	16.922				
1719-03-5	Chrysene-d12	12141	21.125				
1520-96-3	Perylene-d12	12455	23.276				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	5.7	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	A4BC4DL	SDG No.:	BM070824
Lab Sample ID:	P2982-21DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	5.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046452.D	5	6/24/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	4.7	U	4.7	0	36	ug/Kg
91-20-3	Naphthalene	7.2	JD	1.1	4.4	17	ug/Kg
90-12-0	1-Methylnaphthalene	3.9	JD	2.8	4.4	17	ug/Kg
91-57-6	2-Methylnaphthalene	5.3	JD	1	4.4	17	ug/Kg
208-96-8	Acenaphthylene	14	JD	1.7	4.4	17	ug/Kg
83-32-9	Acenaphthene	13	JD	0.95	4.4	17	ug/Kg
86-73-7	Fluorene	14	JD	1.2	4.4	17	ug/Kg
87-86-5	Pentachlorophenol	14	JD	11	8.9	36	ug/Kg
85-01-8	Phenanthrene	170	D	0.95	4.4	17	ug/Kg
120-12-7	Anthracene	33	D	0.9	4.4	17	ug/Kg
206-44-0	Fluoranthene	360	ED	0.95	4.4	17	ug/Kg
129-00-0	Pyrene	250	D	1.3	4.4	17	ug/Kg
56-55-3	Benzo(a)anthracene	160	D	0.49	4.4	17	ug/Kg
218-01-9	Chrysene	180	D	1.3	4.4	17	ug/Kg
205-99-2	Benzo(b)fluoranthene	240	D	2.5	4.4	17	ug/Kg
207-08-9	Benzo(k)fluoranthene	83	D	1.7	4.4	17	ug/Kg
50-32-8	Benzo(a)pyrene	100	D	1.7	4.4	17	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	80	D	2.8	4.4	17	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	34	D	2.5	4.4	17	ug/Kg
191-24-2	Benzo(g,h,i)perylene	17	D	4	4.4	17	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3		15-120		38	SPK: -8
93951-69-0	Fluoranthene-d10	0.35		30-130		88	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.34		20-140		85	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6734		7.531			
1146-65-2	Naphthalene-d8	19517		10.293			
15067-26-2	Acenaphthene-d10	12414		14.173			

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	A4BC4DL	SDG No.:	BM070824
Lab Sample ID:	P2982-21DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	5.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046452.D	5	6/24/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	23839	16.922				
1719-03-5	Chrysene-d12	12988	21.125				
1520-96-3	Perylene-d12	13526	23.273				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	4.7	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	A4BC5DL	SDG No.:	BM070824
Lab Sample ID:	P2982-22DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	4.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046453.D	5	6/24/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	4.7	U	4.7	0	35	ug/Kg
91-20-3	Naphthalene	1	U	1	4.3	17	ug/Kg
90-12-0	1-Methylnaphthalene	2.7	U	2.7	4.3	17	ug/Kg
91-57-6	2-Methylnaphthalene	1	U	1	4.3	17	ug/Kg
208-96-8	Acenaphthylene	1.7	U	1.7	4.3	17	ug/Kg
83-32-9	Acenaphthene	0.94	U	0.94	4.3	17	ug/Kg
86-73-7	Fluorene	1.2	U	1.2	4.3	17	ug/Kg
87-86-5	Pentachlorophenol	10	U	10	8.8	35	ug/Kg
85-01-8	Phenanthrene	26	D	0.94	4.3	17	ug/Kg
120-12-7	Anthracene	4.9	JD	0.89	4.3	17	ug/Kg
206-44-0	Fluoranthene	49	D	0.94	4.3	17	ug/Kg
129-00-0	Pyrene	46	D	1.3	4.3	17	ug/Kg
56-55-3	Benzo(a)anthracene	22	D	0.49	4.3	17	ug/Kg
218-01-9	Chrysene	26	D	1.3	4.3	17	ug/Kg
205-99-2	Benzo(b)fluoranthene	34	D	2.5	4.3	17	ug/Kg
207-08-9	Benzo(k)fluoranthene	12	JD	1.7	4.3	17	ug/Kg
50-32-8	Benzo(a)pyrene	26	D	1.7	4.3	17	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	16	JD	2.7	4.3	17	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	4.9	JD	2.5	4.3	17	ug/Kg
191-24-2	Benzo(g,h,i)perylene	20	D	3.9	4.3	17	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.505		15-120		31	SPK: -8
93951-69-0	Fluoranthene-d10	0.235		30-130		59	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.24		20-140		60	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7216		7.531			
1146-65-2	Naphthalene-d8	19791		10.292			
15067-26-2	Acenaphthene-d10	12069		14.172			

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	A4BC5DL	SDG No.:	BM070824
Lab Sample ID:	P2982-22DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	4.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046453.D	5	6/24/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	23181	16.925				
1719-03-5	Chrysene-d12	14435	21.126				
1520-96-3	Perylene-d12	14887	23.277				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	4.7	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	A4BC7DL	SDG No.:	BM070824
Lab Sample ID:	P2982-23DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	5.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046454.D	5	6/24/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	4.7	U	4.7	0	35	ug/Kg
91-20-3	Naphthalene	4.2	JD	1.1	4.3	17	ug/Kg
90-12-0	1-Methylnaphthalene	2.7	U	2.7	4.3	17	ug/Kg
91-57-6	2-Methylnaphthalene	1	U	1	4.3	17	ug/Kg
208-96-8	Acenaphthylene	11	JD	1.7	4.3	17	ug/Kg
83-32-9	Acenaphthene	10	JD	0.95	4.3	17	ug/Kg
86-73-7	Fluorene	17	D	1.2	4.3	17	ug/Kg
87-86-5	Pentachlorophenol	11	U	11	8.8	35	ug/Kg
85-01-8	Phenanthrene	190	D	0.95	4.3	17	ug/Kg
120-12-7	Anthracene	34	D	0.89	4.3	17	ug/Kg
206-44-0	Fluoranthene	270	D	0.95	4.3	17	ug/Kg
129-00-0	Pyrene	220	D	1.3	4.3	17	ug/Kg
56-55-3	Benzo(a)anthracene	120	D	0.49	4.3	17	ug/Kg
218-01-9	Chrysene	110	D	1.3	4.3	17	ug/Kg
205-99-2	Benzo(b)fluoranthene	150	D	2.5	4.3	17	ug/Kg
207-08-9	Benzo(k)fluoranthene	49	D	1.7	4.3	17	ug/Kg
50-32-8	Benzo(a)pyrene	130	D	1.7	4.3	17	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	68	D	2.7	4.3	17	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	20	D	2.5	4.3	17	ug/Kg
191-24-2	Benzo(g,h,i)perylene	84	D	3.9	4.3	17	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.57		15-120		32	SPK: -8
93951-69-0	Fluoranthene-d10	0.26		30-130		65	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.255		20-140		64	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6873		7.531			
1146-65-2	Naphthalene-d8	19215		10.292			
15067-26-2	Acenaphthene-d10	12340		14.172			

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	A4BC7DL	SDG No.:	BM070824
Lab Sample ID:	P2982-23DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	5.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046454.D	5	6/24/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	24146	16.925				
1719-03-5	Chrysene-d12	14575	21.126				
1520-96-3	Perylene-d12	14134	23.274				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	4.7	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	A4CT8DL	SDG No.:	BM070824
Lab Sample ID:	P2982-25DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	11.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046455.D	5	6/24/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	5	U	5	0	38	ug/Kg
91-20-3	Naphthalene	5.8	JD	1.1	4.7	19	ug/Kg
90-12-0	1-Methylnaphthalene	2.9	U	2.9	4.7	19	ug/Kg
91-57-6	2-Methylnaphthalene	4	JD	1.1	4.7	19	ug/Kg
208-96-8	Acenaphthylene	13	JD	1.9	4.7	19	ug/Kg
83-32-9	Acenaphthene	1	U	1	4.7	19	ug/Kg
86-73-7	Fluorene	4.9	JD	1.2	4.7	19	ug/Kg
87-86-5	Pentachlorophenol	11	U	11	9.5	38	ug/Kg
85-01-8	Phenanthrene	81	D	1	4.7	19	ug/Kg
120-12-7	Anthracene	16	JD	0.96	4.7	19	ug/Kg
206-44-0	Fluoranthene	190	D	1	4.7	19	ug/Kg
129-00-0	Pyrene	140	D	1.4	4.7	19	ug/Kg
56-55-3	Benzo(a)anthracene	82	D	0.52	4.7	19	ug/Kg
218-01-9	Chrysene	110	D	1.4	4.7	19	ug/Kg
205-99-2	Benzo(b)fluoranthene	150	D	2.7	4.7	19	ug/Kg
207-08-9	Benzo(k)fluoranthene	50	D	1.8	4.7	19	ug/Kg
50-32-8	Benzo(a)pyrene	63	D	1.8	4.7	19	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	52	D	2.9	4.7	19	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	21	D	2.7	4.7	19	ug/Kg
191-24-2	Benzo(g,h,i)perylene	11	JD	4.2	4.7	19	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.425		15-120		30	SPK: -8
93951-69-0	Fluoranthene-d10	0.26		30-130		65	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.25		20-140		63	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6198		7.531			
1146-65-2	Naphthalene-d8	16705		10.292			
15067-26-2	Acenaphthene-d10	10491		14.172			

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	A4CT8DL	SDG No.:	BM070824
Lab Sample ID:	P2982-25DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	11.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046455.D	5	6/24/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	21081	16.92				
1719-03-5	Chrysene-d12	13676	21.126				
1520-96-3	Perylene-d12	14237	23.277				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	5	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	A4CT9DL	SDG No.:	BM070824
Lab Sample ID:	P2982-26DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	6.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046456.D	5	6/24/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	4.7	U	4.7	0	36	ug/Kg
91-20-3	Naphthalene	1.1	U	1.1	4.4	18	ug/Kg
90-12-0	1-Methylnaphthalene	2.8	U	2.8	4.4	18	ug/Kg
91-57-6	2-Methylnaphthalene	3.9	JD	1	4.4	18	ug/Kg
208-96-8	Acenaphthylene	5.7	JD	1.8	4.4	18	ug/Kg
83-32-9	Acenaphthene	0.96	U	0.96	4.4	18	ug/Kg
86-73-7	Fluorene	1.2	U	1.2	4.4	18	ug/Kg
87-86-5	Pentachlorophenol	11	U	11	8.9	36	ug/Kg
85-01-8	Phenanthrene	40	D	0.96	4.4	18	ug/Kg
120-12-7	Anthracene	8.2	JD	0.91	4.4	18	ug/Kg
206-44-0	Fluoranthene	81	D	0.96	4.4	18	ug/Kg
129-00-0	Pyrene	70	D	1.3	4.4	18	ug/Kg
56-55-3	Benzo(a)anthracene	33	D	0.5	4.4	18	ug/Kg
218-01-9	Chrysene	41	D	1.3	4.4	18	ug/Kg
205-99-2	Benzo(b)fluoranthene	56	D	2.5	4.4	18	ug/Kg
207-08-9	Benzo(k)fluoranthene	20	D	1.7	4.4	18	ug/Kg
50-32-8	Benzo(a)pyrene	42	D	1.7	4.4	18	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	26	D	2.8	4.4	18	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	7.8	JD	2.5	4.4	18	ug/Kg
191-24-2	Benzo(g,h,i)perylene	33	D	4	4.4	18	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.85		15-120		36	SPK: -8
93951-69-0	Fluoranthene-d10	0.27		30-130		68	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.265		20-140		66	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6954		7.531			
1146-65-2	Naphthalene-d8	19166		10.293			
15067-26-2	Acenaphthene-d10	12101		14.174			

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	A4CT9DL	SDG No.:	BM070824
Lab Sample ID:	P2982-26DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	6.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046456.D	5	6/24/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	24037	16.922				
1719-03-5	Chrysene-d12	13804	21.123				
1520-96-3	Perylene-d12	13611	23.274				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	4.7	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	A4CT2DL	SDG No.:	BM070824
Lab Sample ID:	P2982-01DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	38.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046457.D	5	6/24/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	7.3	U	7.3	0	55	ug/Kg
91-20-3	Naphthalene	15	JD	1.6	6.7	27	ug/Kg
90-12-0	1-Methylnaphthalene	6.8	JD	4.2	6.7	27	ug/Kg
91-57-6	2-Methylnaphthalene	8.4	JD	1.5	6.7	27	ug/Kg
208-96-8	Acenaphthylene	30	D	2.7	6.7	27	ug/Kg
83-32-9	Acenaphthene	23	JD	1.5	6.7	27	ug/Kg
86-73-7	Fluorene	24	JD	1.8	6.7	27	ug/Kg
87-86-5	Pentachlorophenol	16	U	16	13.7	55	ug/Kg
85-01-8	Phenanthrene	390	D	1.5	6.7	27	ug/Kg
120-12-7	Anthracene	69	D	1.4	6.7	27	ug/Kg
206-44-0	Fluoranthene	890	ED	1.5	6.7	27	ug/Kg
129-00-0	Pyrene	570	ED	2	6.7	27	ug/Kg
56-55-3	Benzo(a)anthracene	380	D	0.76	6.7	27	ug/Kg
218-01-9	Chrysene	460	ED	2	6.7	27	ug/Kg
205-99-2	Benzo(b)fluoranthene	590	ED	3.8	6.7	27	ug/Kg
207-08-9	Benzo(k)fluoranthene	220	D	2.6	6.7	27	ug/Kg
50-32-8	Benzo(a)pyrene	230	D	2.6	6.7	27	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	190	D	4.2	6.7	27	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	82	D	3.8	6.7	27	ug/Kg
191-24-2	Benzo(g,h,i)perylene	34	D	6.1	6.7	27	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.15		15-120		27	SPK: -8
93951-69-0	Fluoranthene-d10	0.185		30-130		46	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.205		20-140		51	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4787		7.531			
1146-65-2	Naphthalene-d8	13111		10.293			
15067-26-2	Acenaphthene-d10	8212		14.174			

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	A4CT2DL	SDG No.:	BM070824
Lab Sample ID:	P2982-01DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	38.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046457.D	5	6/24/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	16035	16.922				
1719-03-5	Chrysene-d12	10587	21.125				
1520-96-3	Perylene-d12	11564	23.276				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	7.3	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	A4CF5DL	SDG No.:	BM070824
Lab Sample ID:	P2982-09DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	16.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046458.D	5	6/24/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	5.3	U	5.3	0	40	ug/Kg
91-20-3	Naphthalene	1.2	U	1.2	4.9	20	ug/Kg
90-12-0	1-Methylnaphthalene	3.1	U	3.1	4.9	20	ug/Kg
91-57-6	2-Methylnaphthalene	1.1	U	1.1	4.9	20	ug/Kg
208-96-8	Acenaphthylene	12	JD	2	4.9	20	ug/Kg
83-32-9	Acenaphthene	1.1	U	1.1	4.9	20	ug/Kg
86-73-7	Fluorene	1.3	U	1.3	4.9	20	ug/Kg
87-86-5	Pentachlorophenol	12	U	12	10	40	ug/Kg
85-01-8	Phenanthrene	40	D	1.1	4.9	20	ug/Kg
120-12-7	Anthracene	18	JD	1	4.9	20	ug/Kg
206-44-0	Fluoranthene	120	D	1.1	4.9	20	ug/Kg
129-00-0	Pyrene	140	D	1.4	4.9	20	ug/Kg
56-55-3	Benzo(a)anthracene	64	D	0.55	4.9	20	ug/Kg
218-01-9	Chrysene	61	D	1.5	4.9	20	ug/Kg
205-99-2	Benzo(b)fluoranthene	73	D	2.8	4.9	20	ug/Kg
207-08-9	Benzo(k)fluoranthene	27	D	1.9	4.9	20	ug/Kg
50-32-8	Benzo(a)pyrene	71	D	1.9	4.9	20	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	34	D	3.1	4.9	20	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	9.9	JD	2.8	4.9	20	ug/Kg
191-24-2	Benzo(g,h,i)perylene	41	D	4.5	4.9	20	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.715		15-120		34	SPK: -8
93951-69-0	Fluoranthene-d10	0.245		30-130		61	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.245		20-140		61	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5562		7.531			
1146-65-2	Naphthalene-d8	15258		10.292			
15067-26-2	Acenaphthene-d10	9715		14.172			

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	A4CF5DL	SDG No.:	BM070824
Lab Sample ID:	P2982-09DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	16.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046458.D	5	6/24/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	19208	16.92				
1719-03-5	Chrysene-d12	11875	21.126				
1520-96-3	Perylene-d12	11515	23.277				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	5.3	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4CS9DL	SDG No.:	BM070824
Lab Sample ID:	P2963-18DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	8.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046459.D	5	6/22/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161653

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	4.9	U	4.9	0	37	ug/Kg
91-20-3	Naphthalene	22	D	1.1	4.5	18	ug/Kg
90-12-0	1-Methylnaphthalene	8.2	JD	2.8	4.5	18	ug/Kg
91-57-6	2-Methylnaphthalene	14	JD	1	4.5	18	ug/Kg
208-96-8	Acenaphthylene	34	D	1.8	4.5	18	ug/Kg
83-32-9	Acenaphthene	12	JD	0.98	4.5	18	ug/Kg
86-73-7	Fluorene	14	JD	1.2	4.5	18	ug/Kg
87-86-5	Pentachlorophenol	11	U	11	9.2	37	ug/Kg
85-01-8	Phenanthrene	210	D	0.98	4.5	18	ug/Kg
120-12-7	Anthracene	50	D	0.93	4.5	18	ug/Kg
206-44-0	Fluoranthene	350	ED	0.98	4.5	18	ug/Kg
129-00-0	Pyrene	260	D	1.3	4.5	18	ug/Kg
56-55-3	Benzo(a)anthracene	190	D	0.51	4.5	18	ug/Kg
218-01-9	Chrysene	210	D	1.4	4.5	18	ug/Kg
205-99-2	Benzo(b)fluoranthene	270	D	2.6	4.5	18	ug/Kg
207-08-9	Benzo(k)fluoranthene	84	D	1.7	4.5	18	ug/Kg
50-32-8	Benzo(a)pyrene	110	D	1.7	4.5	18	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	94	D	2.8	4.5	18	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	42	D	2.6	4.5	18	ug/Kg
191-24-2	Benzo(g,h,i)perylene	17	JD	4.1	4.5	18	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.945		15-120		37	SPK: -8
93951-69-0	Fluoranthene-d10	0.28		30-130		70	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.285		20-140		71	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5763		7.531			
1146-65-2	Naphthalene-d8	15446		10.292			
15067-26-2	Acenaphthene-d10	9691		14.172			

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4CS9DL	SDG No.:	BM070824
Lab Sample ID:	P2963-18DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	8.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046459.D	5	6/22/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161653

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	19613	16.921				
1719-03-5	Chrysene-d12	13423	21.129				
1520-96-3	Perylene-d12	13953	23.277				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	4.9	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	SLCS728	SDG No.:	BM070824
Lab Sample ID:	PB161728BS	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046460.D	1	6/25/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161728

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1		0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.34		0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.32		0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.35		0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.34		0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.34		0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.33		0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.75		0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.32		0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.33		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.33		0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.33		0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.35		0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.33		0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.33		0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.33		0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.38		0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.35		0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.36		0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.36		0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.564		15-120		70	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.375		30-130		94	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.398		30-130		100	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6087	7.531				
1146-65-2	Naphthalene-d8	16142	10.292				
15067-26-2	Acenaphthene-d10	9850	14.172				

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	SLCS728	SDG No.:	BM070824
Lab Sample ID:	PB161728BS	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046460.D	1	6/25/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161728

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	19734	16.921				
1719-03-5	Chrysene-d12	12972	21.126				
1520-96-3	Perylene-d12	13298	23.277				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	SBLK734	SDG No.:	BM070824
Lab Sample ID:	PB161734BL	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046462.D	1	6/25/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161734

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.359		15-120		54	SPK: -8
93951-69-0	Fluoranthene-d10	0.331		30-130		83	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.345		30-130		86	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4594	7.527				
1146-65-2	Naphthalene-d8	12198	10.288				
15067-26-2	Acenaphthene-d10	7549	14.169				

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	SBLK734	SDG No.:	BM070824
Lab Sample ID:	PB161734BL	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046462.D	1	6/25/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161734

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	16114	16.922				
1719-03-5	Chrysene-d12	10329	21.125				
1520-96-3	Perylene-d12	9786	23.276				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	SBLK747	SDG No.:	BM070824
Lab Sample ID:	PB161747BL	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046463.D	1	6/26/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161747

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.421		15-120		55	SPK: -8
93951-69-0	Fluoranthene-d10	0.322		30-130		81	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.343		30-130		86	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4718	7.527				
1146-65-2	Naphthalene-d8	12811	10.292				
15067-26-2	Acenaphthene-d10	8004	14.172				

Report of Analysis

Client:		Date Collected:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	SBLK747	SDG No.:	BM070824
Lab Sample ID:	PB161747BL	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046463.D	1	6/26/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161747

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	17174	16.921				
1719-03-5	Chrysene-d12	11385	21.126				
1520-96-3	Perylene-d12	10897	23.277				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	E1GM3	SDG No.:	BM070824
Lab Sample ID:	P3059-01	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046464.D	1	6/25/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161728

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.576		15-120		45	SPK: -8
93951-69-0	Fluoranthene-d10	0.417		30-130		104	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.4		30-130		100	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4595		7.527			
1146-65-2	Naphthalene-d8	13169		10.287			
15067-26-2	Acenaphthene-d10	8693		14.169			

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	E1GM3	SDG No.:	BM070824
Lab Sample ID:	P3059-01	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046464.D	1	6/25/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161728

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	18839	16.922				
1719-03-5	Chrysene-d12	10891	21.125				
1520-96-3	Perylene-d12	10235	23.279				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	E1GM4	SDG No.:	BM070824
Lab Sample ID:	P3059-02	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046465.D	1	6/25/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161728

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.034		15-120		38	SPK: -8
93951-69-0	Fluoranthene-d10	0.392		30-130		98	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.376		30-130		94	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4168		7.527			
1146-65-2	Naphthalene-d8	11349		10.288			
15067-26-2	Acenaphthene-d10	7141		14.169			

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	E1GM4	SDG No.:	BM070824
Lab Sample ID:	P3059-02	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046465.D	1	6/25/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161728

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15233	16.922				
1719-03-5	Chrysene-d12	10296	21.125				
1520-96-3	Perylene-d12	10244	23.276				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	E1GM9	SDG No.:	BM070824
Lab Sample ID:	P3059-09	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046466.D	1	6/25/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161734

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.14		15-120		39	SPK: -8
93951-69-0	Fluoranthene-d10	0.386		30-130		97	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.378		30-130		94	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5257		7.527			
1146-65-2	Naphthalene-d8	14479		10.287			
15067-26-2	Acenaphthene-d10	9043		14.169			

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	E1GM9	SDG No.:	BM070824
Lab Sample ID:	P3059-09	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046466.D	1	6/25/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161734

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	18583	16.922				
1719-03-5	Chrysene-d12	11480	21.128				
1520-96-3	Perylene-d12	11258	23.279				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	E1GN0	SDG No.:	BM070824
Lab Sample ID:	P3059-10	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046467.D	1	6/25/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161734

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.03	U	0.03	0	0.2	ug/L
91-20-3	Naphthalene	0	U	0	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.02	U	0.02	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.01	U	0.01	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.01	U	0.01	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.01	U	0.01	0.05	0.1	ug/L
86-73-7	Fluorene	0.01	U	0.01	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.06	U	0.06	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.01	U	0.01	0.05	0.1	ug/L
120-12-7	Anthracene	0.01	U	0.01	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
129-00-0	Pyrene	0.01	U	0.01	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0	U	0	0.05	0.1	ug/L
218-01-9	Chrysene	0.01	U	0.01	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.02	U	0.02	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.02	U	0.02	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.01	U	0.01	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.02	U	0.02	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.22		15-120		40	SPK: -8
93951-69-0	Fluoranthene-d10	0.363		30-130		91	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.361		30-130		90	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6140		7.527			
1146-65-2	Naphthalene-d8	16564		10.288			
15067-26-2	Acenaphthene-d10	10011		14.169			

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	E1GN0	SDG No.:	BM070824
Lab Sample ID:	P3059-10	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	
Injection Volume :		Level :	LOW
		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046467.D	1	6/25/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161734

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	20890	16.922				
1719-03-5	Chrysene-d12	13884	21.125				
1520-96-3	Perylene-d12	13057	23.276				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	E1GN2	SDG No.:	BM070824
Lab Sample ID:	P3059-11	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	970	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046468.D	1	6/25/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161734

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.03	U	0.03	0	0.21	ug/L
91-20-3	Naphthalene	0	U	0	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.02	U	0.02	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.01	U	0.01	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.01	U	0.01	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.01	U	0.01	0.05	0.1	ug/L
86-73-7	Fluorene	0.01	U	0.01	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.06	U	0.06	0.1	0.21	ug/L
85-01-8	Phenanthrene	0.01	U	0.01	0.05	0.1	ug/L
120-12-7	Anthracene	0.01	U	0.01	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
129-00-0	Pyrene	0.01	U	0.01	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0	U	0	0.05	0.1	ug/L
218-01-9	Chrysene	0.01	U	0.01	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.02	U	0.02	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.02	U	0.02	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.01	U	0.01	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.02	U	0.02	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.082		15-120		39	SPK: -8
93951-69-0	Fluoranthene-d10	0.342		30-130		86	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.344		30-130		86	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5770		7.527			
1146-65-2	Naphthalene-d8	15371		10.288			
15067-26-2	Acenaphthene-d10	9515		14.169			

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	E1GN2	SDG No.:	BM070824
Lab Sample ID:	P3059-11	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	970	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	
Injection Volume :		Level :	LOW
		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046468.D	1	6/25/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161734

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	20550	16.922				
1719-03-5	Chrysene-d12	14213	21.125				
1520-96-3	Perylene-d12	13832	23.276				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	E1GN3	SDG No.:	BM070824
Lab Sample ID:	P3059-12	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046469.D	1	6/25/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161734

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.655		15-120		33	SPK: -8
93951-69-0	Fluoranthene-d10	0.384		30-130		96	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.37		30-130		93	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6757		7.527			
1146-65-2	Naphthalene-d8	18821		10.288			
15067-26-2	Acenaphthene-d10	11596		14.169			

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	E1GN3	SDG No.:	BM070824
Lab Sample ID:	P3059-12	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046469.D	1	6/25/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161734

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	23577	16.922				
1719-03-5	Chrysene-d12	14061	21.125				
1520-96-3	Perylene-d12	13065	23.279				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	E1GN4	SDG No.:	BM070824
Lab Sample ID:	P3059-13	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046470.D	1	6/25/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161734

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.08		15-120		38	SPK: -8
93951-69-0	Fluoranthene-d10	0.377		30-130		94	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.34		30-130		85	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6271		7.527			
1146-65-2	Naphthalene-d8	16907		10.288			
15067-26-2	Acenaphthene-d10	10325		14.169			

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	E1GN4	SDG No.:	BM070824
Lab Sample ID:	P3059-13	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046470.D	1	6/25/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161734

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	21371	16.922				
1719-03-5	Chrysene-d12	13765	21.125				
1520-96-3	Perylene-d12	13662	23.276				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	E1GN5	SDG No.:	BM070824
Lab Sample ID:	P3059-14	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046471.D	1	6/26/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161747

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.03	U	0.03	0	0.2	ug/L
91-20-3	Naphthalene	0	U	0	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.02	U	0.02	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.01	U	0.01	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.01	U	0.01	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.01	U	0.01	0.05	0.1	ug/L
86-73-7	Fluorene	0.01	U	0.01	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.06	U	0.06	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.01	U	0.01	0.05	0.1	ug/L
120-12-7	Anthracene	0.01	U	0.01	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
129-00-0	Pyrene	0.01	U	0.01	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0	U	0	0.05	0.1	ug/L
218-01-9	Chrysene	0.01	U	0.01	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.02	U	0.02	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.02	U	0.02	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.01	U	0.01	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.02	U	0.02	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.076		15-120		38	SPK: -8
93951-69-0	Fluoranthene-d10	0.334		30-130		83	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.283		30-130		71	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5623		7.527			
1146-65-2	Naphthalene-d8	15219		10.288			
15067-26-2	Acenaphthene-d10	9187		14.169			

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	E1GN5	SDG No.:	BM070824
Lab Sample ID:	P3059-14	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	
Injection Volume :		Level :	LOW
		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046471.D	1	6/26/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161747

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	19411	16.922				
1719-03-5	Chrysene-d12	12587	21.125				
1520-96-3	Perylene-d12	12202	23.279				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	E1GP3	SDG No.:	BM070824
Lab Sample ID:	P3059-16	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046472.D	1	6/26/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161747

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.05	J	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.813		15-120		35	SPK: -8
93951-69-0	Fluoranthene-d10	0.385		30-130		96	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.358		30-130		90	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6102	7.527				
1146-65-2	Naphthalene-d8	16283	10.288				
15067-26-2	Acenaphthene-d10	10323	14.169				

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	E1GP3	SDG No.:	BM070824
Lab Sample ID:	P3059-16	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046472.D	1	6/26/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161747

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	21286	16.922				
1719-03-5	Chrysene-d12	13781	21.128				
1520-96-3	Perylene-d12	12525	23.276				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	E1GP4	SDG No.:	BM070824
Lab Sample ID:	P3059-17	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046473.D	1	6/26/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161747

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.05	J	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.407		15-120		30	SPK: -8
93951-69-0	Fluoranthene-d10	0.374		30-130		94	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.342		30-130		86	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6405	7.527				
1146-65-2	Naphthalene-d8	17909	10.287				
15067-26-2	Acenaphthene-d10	11548	14.169				

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	E1GP4	SDG No.:	BM070824
Lab Sample ID:	P3059-17	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046473.D	1	6/26/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161747

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	24262	16.922				
1719-03-5	Chrysene-d12	14685	21.125				
1520-96-3	Perylene-d12	12701	23.276				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	E1GP5	SDG No.:	BM070824
Lab Sample ID:	P3059-18	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046474.D	1	6/26/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161747

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.05	J	0.03	0	0.2	ug/L
91-20-3	Naphthalene	0.02	J	0	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.02	U	0.02	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.01	U	0.01	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.01	U	0.01	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.01	U	0.01	0.05	0.1	ug/L
86-73-7	Fluorene	0.01	U	0.01	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.06	U	0.06	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.01	U	0.01	0.05	0.1	ug/L
120-12-7	Anthracene	0.01	U	0.01	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
129-00-0	Pyrene	0.01	U	0.01	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0	U	0	0.05	0.1	ug/L
218-01-9	Chrysene	0.01	U	0.01	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.02	U	0.02	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.02	U	0.02	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.01	U	0.01	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.02	U	0.02	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.21		15-120		40	SPK: -8
93951-69-0	Fluoranthene-d10	0.456		30-130		114	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.444		30-130		111	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5916		7.527			
1146-65-2	Naphthalene-d8	16561		10.288			
15067-26-2	Acenaphthene-d10	11139		14.169			

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	E1GP5	SDG No.:	BM070824
Lab Sample ID:	P3059-18	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	
Injection Volume :		Level :	LOW
		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046474.D	1	6/26/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161747

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	22881	16.922				
1719-03-5	Chrysene-d12	13633	21.125				
1520-96-3	Perylene-d12	12118	23.276				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	E1GP6	SDG No.:	BM070824
Lab Sample ID:	P3059-19	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046475.D	1	6/26/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161747

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.05	J	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.02	J	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.39		15-120		42	SPK: -8
93951-69-0	Fluoranthene-d10	0.401		30-130		100	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.401		30-130		100	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6276		7.527			
1146-65-2	Naphthalene-d8	17749		10.292			
15067-26-2	Acenaphthene-d10	11779		14.172			

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	E1GP6	SDG No.:	BM070824
Lab Sample ID:	P3059-19	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046475.D	1	6/26/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161747

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	23879	16.92				
1719-03-5	Chrysene-d12	14647	21.129				
1520-96-3	Perylene-d12	13305	23.279				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	E1GM6	SDG No.:	BM070824
Lab Sample ID:	P3059-06	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046476.D	1	6/25/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161728

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.948		15-120		37	SPK: -8
93951-69-0	Fluoranthene-d10	0.332		30-130		83	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.35		30-130		88	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5560		7.527			
1146-65-2	Naphthalene-d8	15015		10.286			
15067-26-2	Acenaphthene-d10	9496		14.168			

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	E1GM6	SDG No.:	BM070824
Lab Sample ID:	P3059-06	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046476.D	1	6/25/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161728

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	20564	16.92				
1719-03-5	Chrysene-d12	14785	21.126				
1520-96-3	Perylene-d12	15226	23.28				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	E1GM7	SDG No.:	BM070824
Lab Sample ID:	P3059-07	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046477.D	1	6/25/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161728

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.03	U	0.03	0	0.2	ug/L
91-20-3	Naphthalene	0	U	0	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.02	U	0.02	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.01	U	0.01	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.01	U	0.01	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.01	U	0.01	0.05	0.1	ug/L
86-73-7	Fluorene	0.01	U	0.01	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.06	U	0.06	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.01	U	0.01	0.05	0.1	ug/L
120-12-7	Anthracene	0.01	U	0.01	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
129-00-0	Pyrene	0.01	U	0.01	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0	U	0	0.05	0.1	ug/L
218-01-9	Chrysene	0.01	U	0.01	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.02	U	0.02	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.02	U	0.02	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.01	U	0.01	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.02	U	0.02	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.346		15-120		42	SPK: -8
93951-69-0	Fluoranthene-d10	0.292		30-130		73	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.319		30-130		80	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5942		7.527			
1146-65-2	Naphthalene-d8	16485		10.288			
15067-26-2	Acenaphthene-d10	10472		14.169			

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	E1GM7	SDG No.:	BM070824
Lab Sample ID:	P3059-07	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046477.D	1	6/25/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161728

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	23565	16.917				
1719-03-5	Chrysene-d12	17702	21.125				
1520-96-3	Perylene-d12	17179	23.273				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	SBLK757	SDG No.:	BM070824
Lab Sample ID:	PB161757BL	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046479.D	1	6/26/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161757

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.62		15-120		45	SPK: -8
93951-69-0	Fluoranthene-d10	0.269		30-130		67	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.283		30-130		71	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5475		7.527			
1146-65-2	Naphthalene-d8	15085		10.286			
15067-26-2	Acenaphthene-d10	9554		14.168			

Report of Analysis

Client:		Date Collected:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	SBLK757	SDG No.:	BM070824
Lab Sample ID:	PB161757BL	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046479.D	1	6/26/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161757

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	18974	16.92				
1719-03-5	Chrysene-d12	11770	21.126				
1520-96-3	Perylene-d12	11563	23.277				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	SLCS757	SDG No.:	BM070824
Lab Sample ID:	PB161757BS	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046480.D	1	6/26/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161757

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2		0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.34		0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.35		0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.36		0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.31		0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.34		0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.34		0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.84		0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.33		0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.33		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.31		0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.32		0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.34		0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.33		0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.33		0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.32		0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.37		0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.38		0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.38		0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.38		0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.518		15-120		65	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.356		30-130		89	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.411		30-130		103	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3521	7.527				
1146-65-2	Naphthalene-d8	9073	10.286				
15067-26-2	Acenaphthene-d10	5835	14.168				

Report of Analysis

Client:		Date Collected:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	SLCS757	SDG No.:	BM070824
Lab Sample ID:	PB161757BS	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046480.D	1	6/26/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161757

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12483	16.92				
1719-03-5	Chrysene-d12	9156	21.123				
1520-96-3	Perylene-d12	10225	23.271				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	E1G74	SDG No.:	BM070824
Lab Sample ID:	P3084-01	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046481.D	1	6/26/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161757

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.03	U	0.03	0	0.2	ug/L
91-20-3	Naphthalene	0.04	J	0	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.04	J	0.02	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.06	J	0.01	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.01	U	0.01	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.02	J	0.01	0.05	0.1	ug/L
86-73-7	Fluorene	0.03	J	0.01	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.06	U	0.06	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.02	J	0.01	0.05	0.1	ug/L
120-12-7	Anthracene	0.02	J	0.01	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.02	J	0.01	0.05	0.1	ug/L
129-00-0	Pyrene	0.01	U	0.01	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0	U	0	0.05	0.1	ug/L
218-01-9	Chrysene	0.01	U	0.01	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.02	U	0.02	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.02	U	0.02	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.01	U	0.01	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.02	U	0.02	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.316		15-120		41	SPK: -8
93951-69-0	Fluoranthene-d10	0.367		30-130		92	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.37		30-130		93	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3751		7.527			
1146-65-2	Naphthalene-d8	9955		10.286			
15067-26-2	Acenaphthene-d10	6532		14.168			

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	E1G74	SDG No.:	BM070824
Lab Sample ID:	P3084-01	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	
Injection Volume :		Level :	LOW
		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046481.D	1	6/26/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161757

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13548	16.92				
1719-03-5	Chrysene-d12	9640	21.123				
1520-96-3	Perylene-d12	10185	23.271				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	E1G75	SDG No.:	BM070824
Lab Sample ID:	P3084-02	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046482.D	1	6/26/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161757

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.03	U	0.03	0	0.2	ug/L
91-20-3	Naphthalene	0.04	J	0	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.03	J	0.02	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.04	J	0.01	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.01	U	0.01	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.01	U	0.01	0.05	0.1	ug/L
86-73-7	Fluorene	0.01	U	0.01	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.06	U	0.06	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.01	U	0.01	0.05	0.1	ug/L
120-12-7	Anthracene	0.01	U	0.01	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
129-00-0	Pyrene	0.01	U	0.01	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0	U	0	0.05	0.1	ug/L
218-01-9	Chrysene	0.01	U	0.01	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.02	U	0.02	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.02	U	0.02	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.01	U	0.01	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.02	U	0.02	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.999		15-120		37	SPK: -8
93951-69-0	Fluoranthene-d10	0.315		30-130		79	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.353		30-130		88	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4070		7.527			
1146-65-2	Naphthalene-d8	10955		10.286			
15067-26-2	Acenaphthene-d10	7266		14.168			

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	E1G75	SDG No.:	BM070824
Lab Sample ID:	P3084-02	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	
Injection Volume :		Level :	LOW
		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046482.D	1	6/26/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161757

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	16359	16.92				
1719-03-5	Chrysene-d12	12677	21.123				
1520-96-3	Perylene-d12	13395	23.271				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	E1GE2	SDG No.:	BM070824
Lab Sample ID:	P3084-03	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046483.D	1	6/26/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161757

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.09	J	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.06	J	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.03	J	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.551		15-120		19	SPK: -8
93951-69-0	Fluoranthene-d10	0.181		30-130		45	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.183		30-130		46	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	9313	7.527				
1146-65-2	Naphthalene-d8	25193	10.288				
15067-26-2	Acenaphthene-d10	15735	14.169				

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	E1GE2	SDG No.:	BM070824
Lab Sample ID:	P3084-03	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046483.D	1	6/26/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161757

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	32132	16.917				
1719-03-5	Chrysene-d12	21952	21.122				
1520-96-3	Perylene-d12	21444	23.27				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	E1GE3	SDG No.:	BM070824
Lab Sample ID:	P3084-04	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046484.D	1	6/26/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161757

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.37		0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.12		0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.18		0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.03	J	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.673		15-120		46	SPK: -8
93951-69-0	Fluoranthene-d10	0.385		30-130		96	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.441		30-130		110	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4314		7.527			
1146-65-2	Naphthalene-d8	11860		10.287			
15067-26-2	Acenaphthene-d10	8251		14.168			

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	E1GE3	SDG No.:	BM070824
Lab Sample ID:	P3084-04	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046484.D	1	6/26/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161757

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	18533	16.917				
1719-03-5	Chrysene-d12	14004	21.123				
1520-96-3	Perylene-d12	13817	23.271				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	E1GC8	SDG No.:	BM070824
Lab Sample ID:	P3084-05	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046485.D	1	6/26/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161757

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.03	J	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.3		15-120		41	SPK: -8
93951-69-0	Fluoranthene-d10	0.387		30-130		97	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.405		30-130		101	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4217		7.527			
1146-65-2	Naphthalene-d8	11284		10.286			
15067-26-2	Acenaphthene-d10	7409		14.168			

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	E1GC8	SDG No.:	BM070824
Lab Sample ID:	P3084-05	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046485.D	1	6/26/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161757

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14638	16.916				
1719-03-5	Chrysene-d12	9825	21.12				
1520-96-3	Perylene-d12	9489	23.268				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	E1GM8	SDG No.:	BM070824
Lab Sample ID:	P3059-08	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	970 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046486.D	1	6/25/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161728

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.03	U	0.03	0	0.21	ug/L
91-20-3	Naphthalene	0	U	0	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.02	U	0.02	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.01	U	0.01	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.01	U	0.01	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.01	U	0.01	0.05	0.1	ug/L
86-73-7	Fluorene	0.01	U	0.01	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.06	U	0.06	0.1	0.21	ug/L
85-01-8	Phenanthrene	0.01	U	0.01	0.05	0.1	ug/L
120-12-7	Anthracene	0.01	U	0.01	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
129-00-0	Pyrene	0.01	U	0.01	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0	U	0	0.05	0.1	ug/L
218-01-9	Chrysene	0.01	U	0.01	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.02	U	0.02	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.02	U	0.02	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.01	U	0.01	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.02	U	0.02	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.682		15-120		46	SPK: -8
93951-69-0	Fluoranthene-d10	0.352		30-130		88	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.381		30-130		95	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3953		7.522			
1146-65-2	Naphthalene-d8	10284		10.286			
15067-26-2	Acenaphthene-d10	6621		14.168			

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	E1GM8	SDG No.:	BM070824
Lab Sample ID:	P3059-08	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	970 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046486.D	1	6/25/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161728

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14107	16.92				
1719-03-5	Chrysene-d12	10530	21.123				
1520-96-3	Perylene-d12	11495	23.271				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	SLCS734	SDG No.:	BM070824
Lab Sample ID:	PB161734BS	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046487.D	1	6/25/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161734

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.1		0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.33		0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.32		0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.34		0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.32		0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.33		0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.33		0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.7		0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.32		0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.33		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.37		0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.36		0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.34		0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.32		0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.33		0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.33		0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.38		0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.36		0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.37		0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.37		0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.577		15-120		72	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.428		30-130		107	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.408		30-130		102	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5040	7.527				
1146-65-2	Naphthalene-d8	13258	10.286				
15067-26-2	Acenaphthene-d10	8351	14.168				

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	SLCS734	SDG No.:	BM070824
Lab Sample ID:	PB161734BS	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046487.D	1	6/25/2024 12:00:00 AM	7/9/2024 12:00:00 AM	PB161734

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	16485	16.916				
1719-03-5	Chrysene-d12	9172	21.12				
1520-96-3	Perylene-d12	9297	23.268				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	SLCS747	SDG No.:	BM070824
Lab Sample ID:	PB161747BS	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046488.D	1	6/26/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161747

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1		0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.31		0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.29		0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.31		0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.29		0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.29		0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.29		0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.66		0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.29		0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.3		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.29		0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.29		0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.32		0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.3		0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.3		0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.3		0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.35		0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.35		0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.36		0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.37		0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.552		15-120		69	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.34		30-130		85	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.369		30-130		92	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3638	7.522				
1146-65-2	Naphthalene-d8	8951	10.288				
15067-26-2	Acenaphthene-d10	5497	14.164				

Report of Analysis

Client:		Date Collected:	6/26/2024 12:00:00 AM
Project:		Date Received:	6/26/2024 12:00:00 AM
Client Sample ID:	SLCS747	SDG No.:	BM070824
Lab Sample ID:	PB161747BS	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046488.D	1	6/26/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161747

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10715	16.917				
1719-03-5	Chrysene-d12	7300	21.122				
1520-96-3	Perylene-d12	8277	23.267				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	E1GN6	SDG No.:	BM070824
Lab Sample ID:	P3059-20	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046489.D	1	6/27/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.525		15-120		44	SPK: -8
93951-69-0	Fluoranthene-d10	0.402		30-130		100	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.364		30-130		91	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3432		7.523			
1146-65-2	Naphthalene-d8	9267		10.286			
15067-26-2	Acenaphthene-d10	6389		14.168			

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	E1GN6	SDG No.:	BM070824
Lab Sample ID:	P3059-20	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046489.D	1	6/27/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13155	16.916				
1719-03-5	Chrysene-d12	8199	21.12				
1520-96-3	Perylene-d12	8273	23.268				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	E1GN7	SDG No.:	BM070824
Lab Sample ID:	P3059-21	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046490.D	1	6/27/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.958		15-120		49	SPK: -8
93951-69-0	Fluoranthene-d10	0.384		30-130		96	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.408		30-130		102	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3153	7.527				
1146-65-2	Naphthalene-d8	8131	10.282				
15067-26-2	Acenaphthene-d10	5122	14.164				

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	E1GN7	SDG No.:	BM070824
Lab Sample ID:	P3059-21	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046490.D	1	6/27/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10781	16.917				
1719-03-5	Chrysene-d12	7512	21.119				
1520-96-3	Perylene-d12	7833	23.267				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	E1GC7	SDG No.:	BM070824
Lab Sample ID:	P3084-06	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046491.D	1	6/27/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.03	J	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.07	J	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.426		15-120		43	SPK: -8
93951-69-0	Fluoranthene-d10	0.377		30-130		94	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.42		30-130		105	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3564		7.523			
1146-65-2	Naphthalene-d8	9273		10.286			
15067-26-2	Acenaphthene-d10	6041		14.168			

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	E1GC7	SDG No.:	BM070824
Lab Sample ID:	P3084-06	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046491.D	1	6/27/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12269	16.916				
1719-03-5	Chrysene-d12	9057	21.12				
1520-96-3	Perylene-d12	8608	23.268				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	E1G89	SDG No.:	BM070824
Lab Sample ID:	P3084-07	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046492.D	1	6/27/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.02	J	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.02	J	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.169		15-120		40	SPK: -8
93951-69-0	Fluoranthene-d10	0.24		30-130		60	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.29		30-130		72	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2757		7.522			
1146-65-2	Naphthalene-d8	7077		10.286			
15067-26-2	Acenaphthene-d10	4888		14.168			

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	E1G89	SDG No.:	BM070824
Lab Sample ID:	P3084-07	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046492.D	1	6/27/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11152	16.916				
1719-03-5	Chrysene-d12	9356	21.117				
1520-96-3	Perylene-d12	10575	23.268				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	E1GE4	SDG No.:	BM070824
Lab Sample ID:	P3084-08	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046493.D	1	6/27/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.04	J	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.633		15-120		45	SPK: -8
93951-69-0	Fluoranthene-d10	0.381		30-130		95	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.396		30-130		99	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3742		7.523			
1146-65-2	Naphthalene-d8	9827		10.282			
15067-26-2	Acenaphthene-d10	6413		14.164			

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	E1GE4	SDG No.:	BM070824
Lab Sample ID:	P3084-08	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046493.D	1	6/27/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13144	16.918				
1719-03-5	Chrysene-d12	9019	21.12				
1520-96-3	Perylene-d12	8707	23.267				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	SBLK779	SDG No.:	BM070824
Lab Sample ID:	PB161779BL	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046494.D	1	6/27/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.61		15-120		45	SPK: -8
93951-69-0	Fluoranthene-d10	0.254		30-130		63	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.269		30-130		67	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3876	7.523				
1146-65-2	Naphthalene-d8	9979	10.281				
15067-26-2	Acenaphthene-d10	6335	14.163				

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	SBLK779	SDG No.:	BM070824
Lab Sample ID:	PB161779BL	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046494.D	1	6/27/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12884	16.916				
1719-03-5	Chrysene-d12	8786	21.117				
1520-96-3	Perylene-d12	8903	23.265				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	SLCS779	SDG No.:	BM070824
Lab Sample ID:	PB161779BS	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046495.D	1	6/27/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1		0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.3		0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.3		0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.32		0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.26		0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.29		0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.29		0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.7		0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.29		0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.29		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.33		0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.32		0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.3		0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.29		0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.3		0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.3		0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.33		0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.34		0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.34		0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.34		0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.439		15-120		55	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.372		30-130		93	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.355		30-130		89	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3976	7.522				
1146-65-2	Naphthalene-d8	10003	10.282				
15067-26-2	Acenaphthene-d10	6464	14.164				

Report of Analysis

Client:		Date Collected:	6/27/2024 12:00:00 AM
Project:		Date Received:	6/27/2024 12:00:00 AM
Client Sample ID:	SLCS779	SDG No.:	BM070824
Lab Sample ID:	PB161779BS	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046495.D	1	6/27/2024 12:00:00 AM	7/10/2024 12:00:00 AM	PB161779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12784	16.917				
1719-03-5	Chrysene-d12	7101	21.122				
1520-96-3	Perylene-d12	7232	23.267				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Hit Summary Sheet SW-846

SDG No.: BM070824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : A4CS9								
P2963-18	A4CS9	Solid	Total Alkanes	*	0.000	0.97	7.3	ug/Kg
			Total Tics :			0.00		
P2963-18	A4CS9	Solid	1-Methylnaphthalene		7.900	0.57	3.6	ug/Kg
P2963-18	A4CS9	Solid	2-Methylnaphthalene		13.000	0.21	3.6	ug/Kg
P2963-18	A4CS9	Solid	Acenaphthene		11.000	0.2	3.6	ug/Kg
P2963-18	A4CS9	Solid	Acenaphthylene		26.000	0.36	3.6	ug/Kg
P2963-18	A4CS9	Solid	Anthracene		43.000	0.19	3.6	ug/Kg
P2963-18	A4CS9	Solid	Benzo(a)anthracene		180.000	E 0.1	3.6	ug/Kg
P2963-18	A4CS9	Solid	Benzo(a)pyrene		100.000	E 0.35	3.6	ug/Kg
P2963-18	A4CS9	Solid	Benzo(b)fluoranthene		240.000	E 0.51	3.6	ug/Kg
P2963-18	A4CS9	Solid	Benzo(g,h,i)perylene		17.000	0.82	3.6	ug/Kg
P2963-18	A4CS9	Solid	Benzo(k)fluoranthene		81.000	E 0.35	3.6	ug/Kg
P2963-18	A4CS9	Solid	Chrysene		190.000	E 0.27	3.6	ug/Kg
P2963-18	A4CS9	Solid	Dibenzo(a,h)anthracene		38.000	0.51	3.6	ug/Kg
P2963-18	A4CS9	Solid	Fluoranthene		380.000	E 0.2	3.6	ug/Kg
P2963-18	A4CS9	Solid	Fluorene		13.000	0.24	3.6	ug/Kg
P2963-18	A4CS9	Solid	Indeno(1,2,3-cd)pyrene		88.000	E 0.57	3.6	ug/Kg
P2963-18	A4CS9	Solid	Naphthalene		21.000	0.22	3.6	ug/Kg
P2963-18	A4CS9	Solid	Phenanthrene		190.000	E 0.2	3.6	ug/Kg
P2963-18	A4CS9	Solid	Pyrene		270.000	E 0.26	3.6	ug/Kg
			Total Svoc :			1,908.90		
			Total Concentration:			1,908.90		
Client ID : A4CS9DL								
P2963-18DL	A4CS9DL	Solid	Total Alkanes	*	0.000	D 4.9	37	ug/Kg
			Total Tics :			0.00		
P2963-18DL	A4CS9DL	Solid	1-Methylnaphthalene		8.200	JD 2.8	18	ug/Kg
P2963-18DL	A4CS9DL	Solid	2-Methylnaphthalene		14.000	JD 1	18	ug/Kg
P2963-18DL	A4CS9DL	Solid	Acenaphthene		12.000	JD 0.98	18	ug/Kg
P2963-18DL	A4CS9DL	Solid	Acenaphthylene		34.000	D 1.8	18	ug/Kg
P2963-18DL	A4CS9DL	Solid	Anthracene		50.000	D 0.93	18	ug/Kg
P2963-18DL	A4CS9DL	Solid	Benzo(a)anthracene		190.000	D 0.51	18	ug/Kg
P2963-18DL	A4CS9DL	Solid	Benzo(a)pyrene		110.000	D 1.7	18	ug/Kg
P2963-18DL	A4CS9DL	Solid	Benzo(b)fluoranthene		270.000	D 2.6	18	ug/Kg
P2963-18DL	A4CS9DL	Solid	Benzo(g,h,i)perylene		17.000	JD 4.1	18	ug/Kg
P2963-18DL	A4CS9DL	Solid	Benzo(k)fluoranthene		84.000	D 1.7	18	ug/Kg
P2963-18DL	A4CS9DL	Solid	Chrysene		210.000	D 1.4	18	ug/Kg
P2963-18DL	A4CS9DL	Solid	Dibenzo(a,h)anthracene		42.000	D 2.6	18	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM070824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2963-18DL	A4CS9DL	Solid	Fluoranthene	350.000	ED	0.98	18	ug/Kg
P2963-18DL	A4CS9DL	Solid	Fluorene	14.000	JD	1.2	18	ug/Kg
P2963-18DL	A4CS9DL	Solid	Indeno(1,2,3-cd)pyrene	94.000	D	2.8	18	ug/Kg
P2963-18DL	A4CS9DL	Solid	Naphthalene	22.000	D	1.1	18	ug/Kg
P2963-18DL	A4CS9DL	Solid	Phenanthrene	210.000	D	0.98	18	ug/Kg
P2963-18DL	A4CS9DL	Solid	Pyrene	260.000	D	1.3	18	ug/Kg
Total Svoc :				1,991.20				
Total Concentration:				1,991.20				
Client ID :	A4CT2DL							
P2982-01DL	A4CT2DL	Solid	Total Alkanes	*	0.000	D 7.3	55	ug/Kg
Total Tics :				0.00				
P2982-01DL	A4CT2DL	Solid	1-Methylnaphthalene	6.800	JD	4.2	27	ug/Kg
P2982-01DL	A4CT2DL	Solid	2-Methylnaphthalene	8.400	JD	1.5	27	ug/Kg
P2982-01DL	A4CT2DL	Solid	Acenaphthene	23.000	JD	1.5	27	ug/Kg
P2982-01DL	A4CT2DL	Solid	Acenaphthylene	30.000	D	2.7	27	ug/Kg
P2982-01DL	A4CT2DL	Solid	Anthracene	69.000	D	1.4	27	ug/Kg
P2982-01DL	A4CT2DL	Solid	Benzo(a)anthracene	380.000	D	0.76	27	ug/Kg
P2982-01DL	A4CT2DL	Solid	Benzo(a)pyrene	230.000	D	2.6	27	ug/Kg
P2982-01DL	A4CT2DL	Solid	Benzo(b)fluoranthene	590.000	ED	3.8	27	ug/Kg
P2982-01DL	A4CT2DL	Solid	Benzo(g,h,i)perylene	34.000	D	6.1	27	ug/Kg
P2982-01DL	A4CT2DL	Solid	Benzo(k)fluoranthene	220.000	D	2.6	27	ug/Kg
P2982-01DL	A4CT2DL	Solid	Chrysene	460.000	ED	2	27	ug/Kg
P2982-01DL	A4CT2DL	Solid	Dibenzo(a,h)anthracene	82.000	D	3.8	27	ug/Kg
P2982-01DL	A4CT2DL	Solid	Fluoranthene	890.000	ED	1.5	27	ug/Kg
P2982-01DL	A4CT2DL	Solid	Fluorene	24.000	JD	1.8	27	ug/Kg
P2982-01DL	A4CT2DL	Solid	Indeno(1,2,3-cd)pyrene	190.000	D	4.2	27	ug/Kg
P2982-01DL	A4CT2DL	Solid	Naphthalene	15.000	JD	1.6	27	ug/Kg
P2982-01DL	A4CT2DL	Solid	Phenanthrene	390.000	D	1.5	27	ug/Kg
P2982-01DL	A4CT2DL	Solid	Pyrene	570.000	ED	2	27	ug/Kg
Total Svoc :				4,212.20				
Total Concentration:				4,212.20				
Client ID :	A4CF0DL							
P2982-06DL	A4CF0DL	Solid	Total Alkanes	*	0.000	D 5.2	39	ug/Kg
Total Tics :				0.00				
P2982-06DL	A4CF0DL	Solid	1-Methylnaphthalene	9.700	JD	3	19	ug/Kg
P2982-06DL	A4CF0DL	Solid	2-Methylnaphthalene	13.000	JD	1.1	19	ug/Kg
P2982-06DL	A4CF0DL	Solid	Acenaphthene	26.000	D	1	19	ug/Kg
P2982-06DL	A4CF0DL	Solid	Acenaphthylene	36.000	D	1.9	19	ug/Kg
P2982-06DL	A4CF0DL	Solid	Anthracene	74.000	D	0.99	19	ug/Kg
P2982-06DL	A4CF0DL	Solid	Benzo(a)anthracene	300.000	D	0.54	19	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM070824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2982-06DL	A4CF0DL	Solid	Benzo(a)pyrene	200.000	D	1.9	19	ug/Kg
P2982-06DL	A4CF0DL	Solid	Benzo(b)fluoranthene	450.000	ED	2.7	19	ug/Kg
P2982-06DL	A4CF0DL	Solid	Benzo(g,h,i)perylene	30.000	D	4.4	19	ug/Kg
P2982-06DL	A4CF0DL	Solid	Benzo(k)fluoranthene	170.000	D	1.9	19	ug/Kg
P2982-06DL	A4CF0DL	Solid	Chrysene	350.000	ED	1.5	19	ug/Kg
P2982-06DL	A4CF0DL	Solid	Dibenzo(a,h)anthracene	64.000	D	2.7	19	ug/Kg
P2982-06DL	A4CF0DL	Solid	Fluoranthene	670.000	ED	1	19	ug/Kg
P2982-06DL	A4CF0DL	Solid	Fluorene	27.000	D	1.3	19	ug/Kg
P2982-06DL	A4CF0DL	Solid	Indeno(1,2,3-cd)pyrene	150.000	D	3	19	ug/Kg
P2982-06DL	A4CF0DL	Solid	Naphthalene	18.000	JD	1.2	19	ug/Kg
P2982-06DL	A4CF0DL	Solid	Phenanthrene	370.000	ED	1	19	ug/Kg
P2982-06DL	A4CF0DL	Solid	Pyrene	470.000	ED	1.4	19	ug/Kg
Total Svoc :				3,427.70				
Total Concentration:				3,427.70				

Client ID : A4CF2DL

P2982-07DL	A4CF2DL	Solid	Total Alkanes	*	0.000	D	4.7	36	ug/Kg
Total Tics :				0.00					
P2982-07DL	A4CF2DL	Solid	1-Methylnaphthalene		5.800	JD	2.8	18	ug/Kg
P2982-07DL	A4CF2DL	Solid	2-Methylnaphthalene		7.800	JD	1	18	ug/Kg
P2982-07DL	A4CF2DL	Solid	Acenaphthene		16.000	JD	0.96	18	ug/Kg
P2982-07DL	A4CF2DL	Solid	Acenaphthylene		26.000	D	1.8	18	ug/Kg
P2982-07DL	A4CF2DL	Solid	Anthracene		55.000	D	0.9	18	ug/Kg
P2982-07DL	A4CF2DL	Solid	Benzo(a)anthracene		250.000	D	0.49	18	ug/Kg
P2982-07DL	A4CF2DL	Solid	Benzo(a)pyrene		160.000	D	1.7	18	ug/Kg
P2982-07DL	A4CF2DL	Solid	Benzo(b)fluoranthene		370.000	ED	2.5	18	ug/Kg
P2982-07DL	A4CF2DL	Solid	Benzo(g,h,i)perylene		23.000	D	4	18	ug/Kg
P2982-07DL	A4CF2DL	Solid	Benzo(k)fluoranthene		130.000	D	1.7	18	ug/Kg
P2982-07DL	A4CF2DL	Solid	Chrysene		280.000	D	1.3	18	ug/Kg
P2982-07DL	A4CF2DL	Solid	Dibenzo(a,h)anthracene		50.000	D	2.5	18	ug/Kg
P2982-07DL	A4CF2DL	Solid	Fluoranthene		560.000	ED	0.96	18	ug/Kg
P2982-07DL	A4CF2DL	Solid	Fluorene		17.000	JD	1.2	18	ug/Kg
P2982-07DL	A4CF2DL	Solid	Indeno(1,2,3-cd)pyrene		120.000	D	2.8	18	ug/Kg
P2982-07DL	A4CF2DL	Solid	Naphthalene		10.000	JD	1.1	18	ug/Kg
P2982-07DL	A4CF2DL	Solid	Phenanthrene		250.000	D	0.96	18	ug/Kg
P2982-07DL	A4CF2DL	Solid	Pyrene		380.000	ED	1.3	18	ug/Kg
Total Svoc :				2,710.60					
Total Concentration:				2,710.60					

Client ID : A4CF5DL

P2982-09DL	A4CF5DL	Solid	Total Alkanes	*	0.000	D	5.3	40	ug/Kg
Total Tics :				0.00					

Hit Summary Sheet SW-846

SDG No.: BM070824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2982-09DL	A4CF5DL	Solid	Acenaphthylene	12.000	JD	2	20	ug/Kg
P2982-09DL	A4CF5DL	Solid	Anthracene	18.000	JD	1	20	ug/Kg
P2982-09DL	A4CF5DL	Solid	Benzo(a)anthracene	64.000	D	0.55	20	ug/Kg
P2982-09DL	A4CF5DL	Solid	Benzo(a)pyrene	71.000	D	1.9	20	ug/Kg
P2982-09DL	A4CF5DL	Solid	Benzo(b)fluoranthene	73.000	D	2.8	20	ug/Kg
P2982-09DL	A4CF5DL	Solid	Benzo(g,h,i)perylene	41.000	D	4.5	20	ug/Kg
P2982-09DL	A4CF5DL	Solid	Benzo(k)fluoranthene	27.000	D	1.9	20	ug/Kg
P2982-09DL	A4CF5DL	Solid	Chrysene	61.000	D	1.5	20	ug/Kg
P2982-09DL	A4CF5DL	Solid	Dibenzo(a,h)anthracene	9.900	JD	2.8	20	ug/Kg
P2982-09DL	A4CF5DL	Solid	Fluoranthene	120.000	D	1.1	20	ug/Kg
P2982-09DL	A4CF5DL	Solid	Indeno(1,2,3-cd)pyrene	34.000	D	3.1	20	ug/Kg
P2982-09DL	A4CF5DL	Solid	Phenanthrene	40.000	D	1.1	20	ug/Kg
P2982-09DL	A4CF5DL	Solid	Pyrene	140.000	D	1.4	20	ug/Kg
Total Svoc :				710.90				
Total Concentration:				710.90				
Client ID :	A4CF6DL							
P2982-10DL	A4CF6DL	Solid	Total Alkanes	*	0.000	D 7.5	57	ug/Kg
Total Tics :				0.00				
P2982-10DL	A4CF6DL	Solid	Acenaphthene	6.200	JD	1.5	28	ug/Kg
P2982-10DL	A4CF6DL	Solid	Acenaphthylene	16.000	JD	2.8	28	ug/Kg
P2982-10DL	A4CF6DL	Solid	Anthracene	29.000	D	1.4	28	ug/Kg
P2982-10DL	A4CF6DL	Solid	Benzo(a)anthracene	120.000	D	0.79	28	ug/Kg
P2982-10DL	A4CF6DL	Solid	Benzo(a)pyrene	90.000	D	2.7	28	ug/Kg
P2982-10DL	A4CF6DL	Solid	Benzo(b)fluoranthene	140.000	D	4	28	ug/Kg
P2982-10DL	A4CF6DL	Solid	Benzo(g,h,i)perylene	14.000	JD	6.4	28	ug/Kg
P2982-10DL	A4CF6DL	Solid	Benzo(k)fluoranthene	52.000	D	2.7	28	ug/Kg
P2982-10DL	A4CF6DL	Solid	Chrysene	120.000	D	2.1	28	ug/Kg
P2982-10DL	A4CF6DL	Solid	Dibenzo(a,h)anthracene	21.000	JD	4	28	ug/Kg
P2982-10DL	A4CF6DL	Solid	Fluoranthene	250.000	D	1.5	28	ug/Kg
P2982-10DL	A4CF6DL	Solid	Fluorene	7.900	JD	1.9	28	ug/Kg
P2982-10DL	A4CF6DL	Solid	Indeno(1,2,3-cd)pyrene	54.000	D	4.4	28	ug/Kg
P2982-10DL	A4CF6DL	Solid	Phenanthrene	110.000	D	1.5	28	ug/Kg
P2982-10DL	A4CF6DL	Solid	Pyrene	210.000	D	2	28	ug/Kg
Total Svoc :				1,240.10				
Total Concentration:				1,240.10				
Client ID :	A4CF7DL							
P2982-11DL	A4CF7DL	Solid	Total Alkanes	*	0.000	D 5.2	39	ug/Kg
Total Tics :				0.00				
P2982-11DL	A4CF7DL	Solid	Acenaphthene	6.200	JD	1	19	ug/Kg
P2982-11DL	A4CF7DL	Solid	Acenaphthylene	8.700	JD	1.9	19	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM070824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2982-11DL	A4CF7DL	Solid	Anthracene	16.000	JD	0.99	19	ug/Kg
P2982-11DL	A4CF7DL	Solid	Benzo(a)anthracene	50.000	D	0.54	19	ug/Kg
P2982-11DL	A4CF7DL	Solid	Benzo(a)pyrene	53.000	D	1.9	19	ug/Kg
P2982-11DL	A4CF7DL	Solid	Benzo(b)fluoranthene	57.000	D	2.7	19	ug/Kg
P2982-11DL	A4CF7DL	Solid	Benzo(g,h,i)perylene	33.000	D	4.4	19	ug/Kg
P2982-11DL	A4CF7DL	Solid	Benzo(k)fluoranthene	19.000	D	1.9	19	ug/Kg
P2982-11DL	A4CF7DL	Solid	Chrysene	50.000	D	1.5	19	ug/Kg
P2982-11DL	A4CF7DL	Solid	Dibenzo(a,h)anthracene	8.100	JD	2.7	19	ug/Kg
P2982-11DL	A4CF7DL	Solid	Fluoranthene	110.000	D	1	19	ug/Kg
P2982-11DL	A4CF7DL	Solid	Fluorene	5.600	JD	1.3	19	ug/Kg
P2982-11DL	A4CF7DL	Solid	Indeno(1,2,3-cd)pyrene	26.000	D	3	19	ug/Kg
P2982-11DL	A4CF7DL	Solid	Phenanthrene	68.000	D	1	19	ug/Kg
P2982-11DL	A4CF7DL	Solid	Pyrene	110.000	D	1.4	19	ug/Kg
Total Svoc :				620.60				
Total Concentration:				620.60				
Client ID :	A4CG0DL							
P2982-13DL	A4CG0DL	Solid	Total Alkanes	*	0.000	D 5.7	43	ug/Kg
Total Tics :				0.00				
P2982-13DL	A4CG0DL	Solid	Acenaphthene	6.600	JD	1.2	21	ug/Kg
P2982-13DL	A4CG0DL	Solid	Acenaphthylene	9.600	JD	2.1	21	ug/Kg
P2982-13DL	A4CG0DL	Solid	Anthracene	38.000	D	1.1	21	ug/Kg
P2982-13DL	A4CG0DL	Solid	Benzo(a)anthracene	100.000	D	0.6	21	ug/Kg
P2982-13DL	A4CG0DL	Solid	Benzo(a)pyrene	99.000	D	2.1	21	ug/Kg
P2982-13DL	A4CG0DL	Solid	Benzo(b)fluoranthene	110.000	D	3	21	ug/Kg
P2982-13DL	A4CG0DL	Solid	Benzo(g,h,i)perylene	57.000	D	4.8	21	ug/Kg
P2982-13DL	A4CG0DL	Solid	Benzo(k)fluoranthene	37.000	D	2.1	21	ug/Kg
P2982-13DL	A4CG0DL	Solid	Chrysene	91.000	D	1.6	21	ug/Kg
P2982-13DL	A4CG0DL	Solid	Dibenzo(a,h)anthracene	16.000	JD	3	21	ug/Kg
P2982-13DL	A4CG0DL	Solid	Fluoranthene	210.000	D	1.2	21	ug/Kg
P2982-13DL	A4CG0DL	Solid	Fluorene	9.200	JD	1.4	21	ug/Kg
P2982-13DL	A4CG0DL	Solid	Indeno(1,2,3-cd)pyrene	48.000	D	3.3	21	ug/Kg
P2982-13DL	A4CG0DL	Solid	Phenanthrene	110.000	D	1.2	21	ug/Kg
P2982-13DL	A4CG0DL	Solid	Pyrene	190.000	D	1.5	21	ug/Kg
Total Svoc :				1,131.40				
Total Concentration:				1,131.40				
Client ID :	A4BB8DL							
P2982-17DL	A4BB8DL	Solid	Total Alkanes	*	0.000	D 5.8	44	ug/Kg
Total Tics :				0.00				
P2982-17DL	A4BB8DL	Solid	2-Methylnaphthalene	5.200	JD	1.2	22	ug/Kg
P2982-17DL	A4BB8DL	Solid	Acenaphthene	12.000	JD	1.2	22	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM070824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2982-17DL	A4BB8DL	Solid	Acenaphthylene	11.000	JD	2.2	22	ug/Kg
P2982-17DL	A4BB8DL	Solid	Anthracene	32.000	D	1.1	22	ug/Kg
P2982-17DL	A4BB8DL	Solid	Benzo(a)anthracene	100.000	D	0.61	22	ug/Kg
P2982-17DL	A4BB8DL	Solid	Benzo(a)pyrene	110.000	D	2.1	22	ug/Kg
P2982-17DL	A4BB8DL	Solid	Benzo(b)fluoranthene	140.000	D	3.1	22	ug/Kg
P2982-17DL	A4BB8DL	Solid	Benzo(g,h,i)perylene	75.000	D	4.9	22	ug/Kg
P2982-17DL	A4BB8DL	Solid	Benzo(k)fluoranthene	45.000	D	2.1	22	ug/Kg
P2982-17DL	A4BB8DL	Solid	Chrysene	110.000	D	1.6	22	ug/Kg
P2982-17DL	A4BB8DL	Solid	Dibenzo(a,h)anthracene	18.000	JD	3.1	22	ug/Kg
P2982-17DL	A4BB8DL	Solid	Fluoranthene	240.000	D	1.2	22	ug/Kg
P2982-17DL	A4BB8DL	Solid	Fluorene	14.000	JD	1.4	22	ug/Kg
P2982-17DL	A4BB8DL	Solid	Indeno(1,2,3-cd)pyrene	61.000	D	3.4	22	ug/Kg
P2982-17DL	A4BB8DL	Solid	Naphthalene	10.000	JD	1.3	22	ug/Kg
P2982-17DL	A4BB8DL	Solid	Phenanthrene	160.000	D	1.2	22	ug/Kg
P2982-17DL	A4BB8DL	Solid	Pyrene	200.000	D	1.6	22	ug/Kg
Total Svoc :				1,343.20				
Total Concentration:				1,343.20				
Client ID :	A4BC4DL							
P2982-21DL	A4BC4DL	Solid	Total Alkanes	*	0.000	D 4.7	36	ug/Kg
Total Tics :				0.00				
P2982-21DL	A4BC4DL	Solid	1-Methylnaphthalene	3.900	JD	2.8	17	ug/Kg
P2982-21DL	A4BC4DL	Solid	2-Methylnaphthalene	5.300	JD	1	17	ug/Kg
P2982-21DL	A4BC4DL	Solid	Acenaphthene	13.000	JD	0.95	17	ug/Kg
P2982-21DL	A4BC4DL	Solid	Acenaphthylene	14.000	JD	1.7	17	ug/Kg
P2982-21DL	A4BC4DL	Solid	Anthracene	33.000	D	0.9	17	ug/Kg
P2982-21DL	A4BC4DL	Solid	Benzo(a)anthracene	160.000	D	0.49	17	ug/Kg
P2982-21DL	A4BC4DL	Solid	Benzo(a)pyrene	100.000	D	1.7	17	ug/Kg
P2982-21DL	A4BC4DL	Solid	Benzo(b)fluoranthene	240.000	D	2.5	17	ug/Kg
P2982-21DL	A4BC4DL	Solid	Benzo(g,h,i)perylene	17.000	D	4	17	ug/Kg
P2982-21DL	A4BC4DL	Solid	Benzo(k)fluoranthene	83.000	D	1.7	17	ug/Kg
P2982-21DL	A4BC4DL	Solid	Chrysene	180.000	D	1.3	17	ug/Kg
P2982-21DL	A4BC4DL	Solid	Dibenzo(a,h)anthracene	34.000	D	2.5	17	ug/Kg
P2982-21DL	A4BC4DL	Solid	Fluoranthene	360.000	ED	0.95	17	ug/Kg
P2982-21DL	A4BC4DL	Solid	Fluorene	14.000	JD	1.2	17	ug/Kg
P2982-21DL	A4BC4DL	Solid	Indeno(1,2,3-cd)pyrene	80.000	D	2.8	17	ug/Kg
P2982-21DL	A4BC4DL	Solid	Naphthalene	7.200	JD	1.1	17	ug/Kg
P2982-21DL	A4BC4DL	Solid	Pentachlorophenol	14.000	JD	11	36	ug/Kg
P2982-21DL	A4BC4DL	Solid	Phenanthrene	170.000	D	0.95	17	ug/Kg
P2982-21DL	A4BC4DL	Solid	Pyrene	250.000	D	1.3	17	ug/Kg
Total Svoc :				1,778.40				

Hit Summary Sheet SW-846

SDG No.: BM070824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				1,778.40				
Client ID :	A4BC5DL							
P2982-22DL	A4BC5DL	Solid	Total Alkanes	*	0.000	D 4.7	35	ug/Kg
Total Tics :				0.00				
P2982-22DL	A4BC5DL	Solid	Anthracene		4.900	JD 0.89	17	ug/Kg
P2982-22DL	A4BC5DL	Solid	Benzo(a)anthracene		22.000	D 0.49	17	ug/Kg
P2982-22DL	A4BC5DL	Solid	Benzo(a)pyrene		26.000	D 1.7	17	ug/Kg
P2982-22DL	A4BC5DL	Solid	Benzo(b)fluoranthene		34.000	D 2.5	17	ug/Kg
P2982-22DL	A4BC5DL	Solid	Benzo(g,h,i)perylene		20.000	D 3.9	17	ug/Kg
P2982-22DL	A4BC5DL	Solid	Benzo(k)fluoranthene		12.000	JD 1.7	17	ug/Kg
P2982-22DL	A4BC5DL	Solid	Chrysene		26.000	D 1.3	17	ug/Kg
P2982-22DL	A4BC5DL	Solid	Dibenzo(a,h)anthracene		4.900	JD 2.5	17	ug/Kg
P2982-22DL	A4BC5DL	Solid	Fluoranthene		49.000	D 0.94	17	ug/Kg
P2982-22DL	A4BC5DL	Solid	Indeno(1,2,3-cd)pyrene		16.000	JD 2.7	17	ug/Kg
P2982-22DL	A4BC5DL	Solid	Phenanthrene		26.000	D 0.94	17	ug/Kg
P2982-22DL	A4BC5DL	Solid	Pyrene		46.000	D 1.3	17	ug/Kg
Total Svoc :				286.80				
Total Concentration:				286.80				
Client ID :	A4BC7DL							
P2982-23DL	A4BC7DL	Solid	Total Alkanes	*	0.000	D 4.7	35	ug/Kg
Total Tics :				0.00				
P2982-23DL	A4BC7DL	Solid	Acenaphthene		10.000	JD 0.95	17	ug/Kg
P2982-23DL	A4BC7DL	Solid	Acenaphthylene		11.000	JD 1.7	17	ug/Kg
P2982-23DL	A4BC7DL	Solid	Anthracene		34.000	D 0.89	17	ug/Kg
P2982-23DL	A4BC7DL	Solid	Benzo(a)anthracene		120.000	D 0.49	17	ug/Kg
P2982-23DL	A4BC7DL	Solid	Benzo(a)pyrene		130.000	D 1.7	17	ug/Kg
P2982-23DL	A4BC7DL	Solid	Benzo(b)fluoranthene		150.000	D 2.5	17	ug/Kg
P2982-23DL	A4BC7DL	Solid	Benzo(g,h,i)perylene		84.000	D 3.9	17	ug/Kg
P2982-23DL	A4BC7DL	Solid	Benzo(k)fluoranthene		49.000	D 1.7	17	ug/Kg
P2982-23DL	A4BC7DL	Solid	Chrysene		110.000	D 1.3	17	ug/Kg
P2982-23DL	A4BC7DL	Solid	Dibenzo(a,h)anthracene		20.000	D 2.5	17	ug/Kg
P2982-23DL	A4BC7DL	Solid	Fluoranthene		270.000	D 0.95	17	ug/Kg
P2982-23DL	A4BC7DL	Solid	Fluorene		17.000	D 1.2	17	ug/Kg
P2982-23DL	A4BC7DL	Solid	Indeno(1,2,3-cd)pyrene		68.000	D 2.7	17	ug/Kg
P2982-23DL	A4BC7DL	Solid	Naphthalene		4.200	JD 1.1	17	ug/Kg
P2982-23DL	A4BC7DL	Solid	Phenanthrene		190.000	D 0.95	17	ug/Kg
P2982-23DL	A4BC7DL	Solid	Pyrene		220.000	D 1.3	17	ug/Kg
Total Svoc :				1,487.20				
Total Concentration:				1,487.20				

Hit Summary Sheet SW-846

SDG No.: BM070824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : A4CT8DL								
P2982-25DL	A4CT8DL	Solid	Total Alkanes	*	0.000	D 5	38	ug/Kg
			Total Tics :			0.00		
P2982-25DL	A4CT8DL	Solid	2-Methylnaphthalene		4.000	JD 1.1	19	ug/Kg
P2982-25DL	A4CT8DL	Solid	Acenaphthylene		13.000	JD 1.9	19	ug/Kg
P2982-25DL	A4CT8DL	Solid	Anthracene		16.000	JD 0.96	19	ug/Kg
P2982-25DL	A4CT8DL	Solid	Benzo(a)anthracene		82.000	D 0.52	19	ug/Kg
P2982-25DL	A4CT8DL	Solid	Benzo(a)pyrene		63.000	D 1.8	19	ug/Kg
P2982-25DL	A4CT8DL	Solid	Benzo(b)fluoranthene		150.000	D 2.7	19	ug/Kg
P2982-25DL	A4CT8DL	Solid	Benzo(g,h,i)perylene		11.000	JD 4.2	19	ug/Kg
P2982-25DL	A4CT8DL	Solid	Benzo(k)fluoranthene		50.000	D 1.8	19	ug/Kg
P2982-25DL	A4CT8DL	Solid	Chrysene		110.000	D 1.4	19	ug/Kg
P2982-25DL	A4CT8DL	Solid	Dibenzo(a,h)anthracene		21.000	D 2.7	19	ug/Kg
P2982-25DL	A4CT8DL	Solid	Fluoranthene		190.000	D 1	19	ug/Kg
P2982-25DL	A4CT8DL	Solid	Fluorene		4.900	JD 1.2	19	ug/Kg
P2982-25DL	A4CT8DL	Solid	Indeno(1,2,3-cd)pyrene		52.000	D 2.9	19	ug/Kg
P2982-25DL	A4CT8DL	Solid	Naphthalene		5.800	JD 1.1	19	ug/Kg
P2982-25DL	A4CT8DL	Solid	Phenanthrene		81.000	D 1	19	ug/Kg
P2982-25DL	A4CT8DL	Solid	Pyrene		140.000	D 1.4	19	ug/Kg
			Total Svoc :			993.70		
			Total Concentration:			993.70		
Client ID : A4CT9DL								
P2982-26DL	A4CT9DL	Solid	Total Alkanes	*	0.000	D 4.7	36	ug/Kg
			Total Tics :			0.00		
P2982-26DL	A4CT9DL	Solid	2-Methylnaphthalene		3.900	JD 1	18	ug/Kg
P2982-26DL	A4CT9DL	Solid	Acenaphthylene		5.700	JD 1.8	18	ug/Kg
P2982-26DL	A4CT9DL	Solid	Anthracene		8.200	JD 0.91	18	ug/Kg
P2982-26DL	A4CT9DL	Solid	Benzo(a)anthracene		33.000	D 0.5	18	ug/Kg
P2982-26DL	A4CT9DL	Solid	Benzo(a)pyrene		42.000	D 1.7	18	ug/Kg
P2982-26DL	A4CT9DL	Solid	Benzo(b)fluoranthene		56.000	D 2.5	18	ug/Kg
P2982-26DL	A4CT9DL	Solid	Benzo(g,h,i)perylene		33.000	D 4	18	ug/Kg
P2982-26DL	A4CT9DL	Solid	Benzo(k)fluoranthene		20.000	D 1.7	18	ug/Kg
P2982-26DL	A4CT9DL	Solid	Chrysene		41.000	D 1.3	18	ug/Kg
P2982-26DL	A4CT9DL	Solid	Dibenzo(a,h)anthracene		7.800	JD 2.5	18	ug/Kg
P2982-26DL	A4CT9DL	Solid	Fluoranthene		81.000	D 0.96	18	ug/Kg
P2982-26DL	A4CT9DL	Solid	Indeno(1,2,3-cd)pyrene		26.000	D 2.8	18	ug/Kg
P2982-26DL	A4CT9DL	Solid	Phenanthrene		40.000	D 0.96	18	ug/Kg
P2982-26DL	A4CT9DL	Solid	Pyrene		70.000	D 1.3	18	ug/Kg
			Total Svoc :			467.60		
			Total Concentration:			467.60		

Hit Summary Sheet SW-846

SDG No.: BM070824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : A4CG2DL								
P3010-01DL	A4CG2DL	Solid	Total Alkanes	*	0.000	D 4.7	35	ug/Kg
			Total Tics :			0.00		
P3010-01DL	A4CG2DL	Solid	1-Methylnaphthalene	12.000	JD	2.7	17	ug/Kg
P3010-01DL	A4CG2DL	Solid	2-Methylnaphthalene	19.000	D	1	17	ug/Kg
P3010-01DL	A4CG2DL	Solid	Acenaphthene	18.000	D	0.94	17	ug/Kg
P3010-01DL	A4CG2DL	Solid	Acenaphthylene	130.000	D	1.7	17	ug/Kg
P3010-01DL	A4CG2DL	Solid	Anthracene	180.000	D	0.89	17	ug/Kg
P3010-01DL	A4CG2DL	Solid	Benzo(a)anthracene	660.000	ED	0.49	17	ug/Kg
P3010-01DL	A4CG2DL	Solid	Benzo(a)pyrene	330.000	ED	1.7	17	ug/Kg
P3010-01DL	A4CG2DL	Solid	Benzo(b)fluoranthene	720.000	ED	2.5	17	ug/Kg
P3010-01DL	A4CG2DL	Solid	Benzo(g,h,i)perylene	44.000	D	3.9	17	ug/Kg
P3010-01DL	A4CG2DL	Solid	Benzo(k)fluoranthene	240.000	D	1.7	17	ug/Kg
P3010-01DL	A4CG2DL	Solid	Chrysene	630.000	ED	1.3	17	ug/Kg
P3010-01DL	A4CG2DL	Solid	Dibenzo(a,h)anthracene	110.000	D	2.5	17	ug/Kg
P3010-01DL	A4CG2DL	Solid	Fluoranthene	1,300.000	ED	0.94	17	ug/Kg
P3010-01DL	A4CG2DL	Solid	Fluorene	31.000	D	1.2	17	ug/Kg
P3010-01DL	A4CG2DL	Solid	Indeno(1,2,3-cd)pyrene	240.000	D	2.7	17	ug/Kg
P3010-01DL	A4CG2DL	Solid	Naphthalene	28.000	D	1	17	ug/Kg
P3010-01DL	A4CG2DL	Solid	Phenanthrene	420.000	ED	0.94	17	ug/Kg
P3010-01DL	A4CG2DL	Solid	Pyrene	840.000	ED	1.3	17	ug/Kg
			Total Svoc :			5,952.00		
			Total Concentration:			5,952.00		
Client ID : A4CW0DL								
P3010-06DL	A4CW0DL	Solid	Total Alkanes	*	0.000	D 7.7	58	ug/Kg
			Total Tics :			0.00		
P3010-06DL	A4CW0DL	Solid	1-Methylnaphthalene	5.800	JD	4.5	29	ug/Kg
P3010-06DL	A4CW0DL	Solid	2-Methylnaphthalene	8.100	JD	1.7	29	ug/Kg
P3010-06DL	A4CW0DL	Solid	Acenaphthene	20.000	JD	1.6	29	ug/Kg
P3010-06DL	A4CW0DL	Solid	Acenaphthylene	28.000	JD	2.9	29	ug/Kg
P3010-06DL	A4CW0DL	Solid	Anthracene	61.000	D	1.5	29	ug/Kg
P3010-06DL	A4CW0DL	Solid	Benzo(a)anthracene	260.000	D	0.81	29	ug/Kg
P3010-06DL	A4CW0DL	Solid	Benzo(a)pyrene	170.000	D	2.8	29	ug/Kg
P3010-06DL	A4CW0DL	Solid	Benzo(b)fluoranthene	380.000	D	4.1	29	ug/Kg
P3010-06DL	A4CW0DL	Solid	Benzo(g,h,i)perylene	25.000	JD	6.5	29	ug/Kg
P3010-06DL	A4CW0DL	Solid	Benzo(k)fluoranthene	150.000	D	2.8	29	ug/Kg
P3010-06DL	A4CW0DL	Solid	Chrysene	290.000	D	2.2	29	ug/Kg
P3010-06DL	A4CW0DL	Solid	Dibenzo(a,h)anthracene	52.000	D	4.1	29	ug/Kg
P3010-06DL	A4CW0DL	Solid	Fluoranthene	570.000	ED	1.6	29	ug/Kg
P3010-06DL	A4CW0DL	Solid	Fluorene	21.000	JD	1.9	29	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM070824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3010-06DL	A4CW0DL	Solid	Indeno(1,2,3-cd)pyrene	130.000	D	4.5	29	ug/Kg
P3010-06DL	A4CW0DL	Solid	Naphthalene	14.000	JD	1.7	29	ug/Kg
P3010-06DL	A4CW0DL	Solid	Phenanthrene	290.000	D	1.6	29	ug/Kg
P3010-06DL	A4CW0DL	Solid	Pyrene	390.000	D	2.1	29	ug/Kg
Total Svoc :				2,864.90				
Total Concentration:				2,864.90				
Client ID : A4CW1DL								
P3010-07DL	A4CW1DL	Solid	Total Alkanes	*	0.000	D 5.6	42	ug/Kg
Total Tics :				0.00				
P3010-07DL	A4CW1DL	Solid	Acenaphthylene	6.900	JD	2.1	21	ug/Kg
P3010-07DL	A4CW1DL	Solid	Anthracene	11.000	JD	1.1	21	ug/Kg
P3010-07DL	A4CW1DL	Solid	Benzo(a)anthracene	43.000	D	0.59	21	ug/Kg
P3010-07DL	A4CW1DL	Solid	Benzo(a)pyrene	51.000	D	2	21	ug/Kg
P3010-07DL	A4CW1DL	Solid	Benzo(b)fluoranthene	62.000	D	3	21	ug/Kg
P3010-07DL	A4CW1DL	Solid	Benzo(g,h,i)perylene	37.000	D	4.7	21	ug/Kg
P3010-07DL	A4CW1DL	Solid	Benzo(k)fluoranthene	24.000	D	2	21	ug/Kg
P3010-07DL	A4CW1DL	Solid	Chrysene	49.000	D	1.6	21	ug/Kg
P3010-07DL	A4CW1DL	Solid	Dibenzo(a,h)anthracene	9.300	JD	3	21	ug/Kg
P3010-07DL	A4CW1DL	Solid	Fluoranthene	99.000	D	1.1	21	ug/Kg
P3010-07DL	A4CW1DL	Solid	Indeno(1,2,3-cd)pyrene	30.000	D	3.3	21	ug/Kg
P3010-07DL	A4CW1DL	Solid	Phenanthrene	51.000	D	1.1	21	ug/Kg
P3010-07DL	A4CW1DL	Solid	Pyrene	87.000	D	1.5	21	ug/Kg
Total Svoc :				560.20				
Total Concentration:				560.20				
Client ID : A4CW3DL								
P3010-08DL	A4CW3DL	Solid	Total Alkanes	*	0.000	D 4.7	35	ug/Kg
Total Tics :				0.00				
P3010-08DL	A4CW3DL	Solid	Acenaphthylene	5.300	JD	1.7	17	ug/Kg
P3010-08DL	A4CW3DL	Solid	Anthracene	6.200	JD	0.9	17	ug/Kg
P3010-08DL	A4CW3DL	Solid	Benzo(a)anthracene	27.000	D	0.49	17	ug/Kg
P3010-08DL	A4CW3DL	Solid	Benzo(a)pyrene	35.000	D	1.7	17	ug/Kg
P3010-08DL	A4CW3DL	Solid	Benzo(b)fluoranthene	49.000	D	2.5	17	ug/Kg
P3010-08DL	A4CW3DL	Solid	Benzo(g,h,i)perylene	27.000	D	4	17	ug/Kg
P3010-08DL	A4CW3DL	Solid	Benzo(k)fluoranthene	16.000	JD	1.7	17	ug/Kg
P3010-08DL	A4CW3DL	Solid	Chrysene	34.000	D	1.3	17	ug/Kg
P3010-08DL	A4CW3DL	Solid	Dibenzo(a,h)anthracene	6.700	JD	2.5	17	ug/Kg
P3010-08DL	A4CW3DL	Solid	Fluoranthene	66.000	D	0.95	17	ug/Kg
P3010-08DL	A4CW3DL	Solid	Indeno(1,2,3-cd)pyrene	22.000	D	2.8	17	ug/Kg
P3010-08DL	A4CW3DL	Solid	Phenanthrene	28.000	D	0.95	17	ug/Kg
P3010-08DL	A4CW3DL	Solid	Pyrene	56.000	D	1.3	17	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM070824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
			Total Svoc :	378.20				
			Total Concentration:	378.20				
Client ID :	A4CW6DL							
P3010-10DL	A4CW6DL	Solid	Total Alkanes	*	0.000	D 5	38	ug/Kg
			Total Tics :	0.00				
P3010-10DL	A4CW6DL	Solid	2-Methylnaphthalene		5.100	JD 1.1	19	ug/Kg
P3010-10DL	A4CW6DL	Solid	Acenaphthene		5.800	JD 1	19	ug/Kg
P3010-10DL	A4CW6DL	Solid	Acenaphthylene		16.000	JD 1.9	19	ug/Kg
P3010-10DL	A4CW6DL	Solid	Anthracene		22.000	D 0.96	19	ug/Kg
P3010-10DL	A4CW6DL	Solid	Benzo(a)anthracene		100.000	D 0.52	19	ug/Kg
P3010-10DL	A4CW6DL	Solid	Benzo(a)pyrene		72.000	D 1.8	19	ug/Kg
P3010-10DL	A4CW6DL	Solid	Benzo(b)fluoranthene		170.000	D 2.7	19	ug/Kg
P3010-10DL	A4CW6DL	Solid	Benzo(g,h,i)perylene		12.000	JD 4.2	19	ug/Kg
P3010-10DL	A4CW6DL	Solid	Benzo(k)fluoranthene		63.000	D 1.8	19	ug/Kg
P3010-10DL	A4CW6DL	Solid	Chrysene		130.000	D 1.4	19	ug/Kg
P3010-10DL	A4CW6DL	Solid	Dibenzo(a,h)anthracene		24.000	D 2.7	19	ug/Kg
P3010-10DL	A4CW6DL	Solid	Fluoranthene		240.000	D 1	19	ug/Kg
P3010-10DL	A4CW6DL	Solid	Fluorene		7.300	JD 1.2	19	ug/Kg
P3010-10DL	A4CW6DL	Solid	Indeno(1,2,3-cd)pyrene		57.000	D 2.9	19	ug/Kg
P3010-10DL	A4CW6DL	Solid	Naphthalene		7.500	JD 1.1	19	ug/Kg
P3010-10DL	A4CW6DL	Solid	Phenanthrene		110.000	D 1	19	ug/Kg
P3010-10DL	A4CW6DL	Solid	Pyrene		160.000	D 1.4	19	ug/Kg
			Total Svoc :	1,201.70				
			Total Concentration:	1,201.70				
Client ID :	A4B65DL							
P3010-12DL	A4B65DL	Solid	Total Alkanes	*	0.000	D 6.2	46	ug/Kg
			Total Tics :	0.00				
P3010-12DL	A4B65DL	Solid	1-Methylnaphthalene		12.000	JD 3.6	23	ug/Kg
P3010-12DL	A4B65DL	Solid	2-Methylnaphthalene		14.000	JD 1.3	23	ug/Kg
P3010-12DL	A4B65DL	Solid	Acenaphthene		73.000	D 1.2	23	ug/Kg
P3010-12DL	A4B65DL	Solid	Acenaphthylene		16.000	JD 2.3	23	ug/Kg
P3010-12DL	A4B65DL	Solid	Anthracene		190.000	D 1.2	23	ug/Kg
P3010-12DL	A4B65DL	Solid	Benzo(a)anthracene		580.000	ED 0.64	23	ug/Kg
P3010-12DL	A4B65DL	Solid	Benzo(a)pyrene		270.000	D 2.2	23	ug/Kg
P3010-12DL	A4B65DL	Solid	Benzo(b)fluoranthene		620.000	ED 3.3	23	ug/Kg
P3010-12DL	A4B65DL	Solid	Benzo(g,h,i)perylene		30.000	D 5.2	23	ug/Kg
P3010-12DL	A4B65DL	Solid	Benzo(k)fluoranthene		220.000	D 2.2	23	ug/Kg
P3010-12DL	A4B65DL	Solid	Chrysene		560.000	ED 1.7	23	ug/Kg
P3010-12DL	A4B65DL	Solid	Dibenzo(a,h)anthracene		83.000	D 3.3	23	ug/Kg
P3010-12DL	A4B65DL	Solid	Fluoranthene		1,400.000	ED 1.2	23	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM070824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3010-12DL	A4B65DL	Solid	Fluorene	80.000	D	1.5	23	ug/Kg
P3010-12DL	A4B65DL	Solid	Indeno(1,2,3-cd)pyrene	170.000	D	3.6	23	ug/Kg
P3010-12DL	A4B65DL	Solid	Naphthalene	18.000	JD	1.4	23	ug/Kg
P3010-12DL	A4B65DL	Solid	Phenanthrene	960.000	ED	1.2	23	ug/Kg
P3010-12DL	A4B65DL	Solid	Pyrene	810.000	ED	1.7	23	ug/Kg
Total Svoc :				6,106.00				
Total Concentration:				6,106.00				
Client ID : A4B66DL								
P3010-13DL	A4B66DL	Solid	Total Alkanes	*	0.000	D 5.4	41	ug/Kg
Total Tics :				0.00				
P3010-13DL	A4B66DL	Solid	Acenaphthene	5.300	JD	1.1	20	ug/Kg
P3010-13DL	A4B66DL	Solid	Acenaphthylene	5.100	JD	2	20	ug/Kg
P3010-13DL	A4B66DL	Solid	Anthracene	13.000	JD	1	20	ug/Kg
P3010-13DL	A4B66DL	Solid	Benzo(a)anthracene	47.000	D	0.57	20	ug/Kg
P3010-13DL	A4B66DL	Solid	Benzo(a)pyrene	53.000	D	2	20	ug/Kg
P3010-13DL	A4B66DL	Solid	Benzo(b)fluoranthene	59.000	D	2.9	20	ug/Kg
P3010-13DL	A4B66DL	Solid	Benzo(g,h,i)perylene	33.000	D	4.6	20	ug/Kg
P3010-13DL	A4B66DL	Solid	Benzo(k)fluoranthene	21.000	D	2	20	ug/Kg
P3010-13DL	A4B66DL	Solid	Chrysene	46.000	D	1.5	20	ug/Kg
P3010-13DL	A4B66DL	Solid	Dibenzo(a,h)anthracene	8.800	JD	2.9	20	ug/Kg
P3010-13DL	A4B66DL	Solid	Fluoranthene	95.000	D	1.1	20	ug/Kg
P3010-13DL	A4B66DL	Solid	Fluorene	5.100	JD	1.3	20	ug/Kg
P3010-13DL	A4B66DL	Solid	Indeno(1,2,3-cd)pyrene	27.000	D	3.2	20	ug/Kg
P3010-13DL	A4B66DL	Solid	Phenanthrene	58.000	D	1.1	20	ug/Kg
P3010-13DL	A4B66DL	Solid	Pyrene	86.000	D	1.5	20	ug/Kg
Total Svoc :				562.30				
Total Concentration:				562.30				
Client ID : A4B68DL								
P3010-15DL	A4B68DL	Solid	Total Alkanes	*	0.000	D 6.8	51	ug/Kg
Total Tics :				0.00				
P3010-15DL	A4B68DL	Solid	Acenaphthene	11.000	JD	1.4	25	ug/Kg
P3010-15DL	A4B68DL	Solid	Acenaphthylene	6.300	JD	2.5	25	ug/Kg
P3010-15DL	A4B68DL	Solid	Anthracene	31.000	D	1.3	25	ug/Kg
P3010-15DL	A4B68DL	Solid	Benzo(a)anthracene	130.000	D	0.71	25	ug/Kg
P3010-15DL	A4B68DL	Solid	Benzo(a)pyrene	79.000	D	2.4	25	ug/Kg
P3010-15DL	A4B68DL	Solid	Benzo(b)fluoranthene	170.000	D	3.6	25	ug/Kg
P3010-15DL	A4B68DL	Solid	Benzo(g,h,i)perylene	10.000	JD	5.7	25	ug/Kg
P3010-15DL	A4B68DL	Solid	Benzo(k)fluoranthene	63.000	D	2.4	25	ug/Kg
P3010-15DL	A4B68DL	Solid	Chrysene	140.000	D	1.9	25	ug/Kg
P3010-15DL	A4B68DL	Solid	Dibenzo(a,h)anthracene	23.000	JD	3.6	25	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM070824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3010-15DL	A4B68DL	Solid	Fluoranthene	280.000	D	1.4	25	ug/Kg
P3010-15DL	A4B68DL	Solid	Fluorene	11.000	JD	1.7	25	ug/Kg
P3010-15DL	A4B68DL	Solid	Indeno(1,2,3-cd)pyrene	52.000	D	3.9	25	ug/Kg
P3010-15DL	A4B68DL	Solid	Phenanthrene	150.000	D	1.4	25	ug/Kg
P3010-15DL	A4B68DL	Solid	Pyrene	190.000	D	1.8	25	ug/Kg
Total Svoc :				1,346.30				
Total Concentration:				1,346.30				
Client ID : A4B69DL								
P3010-16DL	A4B69DL	Solid	Total Alkanes	*	0.000	D 7	53	ug/Kg
Total Tics :				0.00				
P3010-16DL	A4B69DL	Solid	Acenaphthene	5.500	JD	1.4	26	ug/Kg
P3010-16DL	A4B69DL	Solid	Anthracene	16.000	JD	1.3	26	ug/Kg
P3010-16DL	A4B69DL	Solid	Benzo(a)anthracene	80.000	D	0.74	26	ug/Kg
P3010-16DL	A4B69DL	Solid	Benzo(a)pyrene	47.000	D	2.5	26	ug/Kg
P3010-16DL	A4B69DL	Solid	Benzo(b)fluoranthene	110.000	D	3.7	26	ug/Kg
P3010-16DL	A4B69DL	Solid	Benzo(g,h,i)perylene	6.900	JD	5.9	26	ug/Kg
P3010-16DL	A4B69DL	Solid	Benzo(k)fluoranthene	40.000	D	2.5	26	ug/Kg
P3010-16DL	A4B69DL	Solid	Chrysene	88.000	D	2	26	ug/Kg
P3010-16DL	A4B69DL	Solid	Dibenzo(a,h)anthracene	16.000	JD	3.7	26	ug/Kg
P3010-16DL	A4B69DL	Solid	Fluoranthene	170.000	D	1.4	26	ug/Kg
P3010-16DL	A4B69DL	Solid	Fluorene	5.800	JD	1.7	26	ug/Kg
P3010-16DL	A4B69DL	Solid	Indeno(1,2,3-cd)pyrene	33.000	D	4.1	26	ug/Kg
P3010-16DL	A4B69DL	Solid	Phenanthrene	79.000	D	1.4	26	ug/Kg
P3010-16DL	A4B69DL	Solid	Pyrene	110.000	D	1.9	26	ug/Kg
Total Svoc :				807.20				
Total Concentration:				807.20				
Client ID : A4B98DL								
P3010-17DL	A4B98DL	Solid	Total Alkanes	*	0.000	D 5.5	42	ug/Kg
Total Tics :				0.00				
P3010-17DL	A4B98DL	Solid	1-Methylnaphthalene	10.000	JD	3.2	21	ug/Kg
P3010-17DL	A4B98DL	Solid	2-Methylnaphthalene	11.000	JD	1.2	21	ug/Kg
P3010-17DL	A4B98DL	Solid	Acenaphthene	39.000	D	1.1	21	ug/Kg
P3010-17DL	A4B98DL	Solid	Acenaphthylene	100.000	D	2.1	21	ug/Kg
P3010-17DL	A4B98DL	Solid	Anthracene	220.000	D	1.1	21	ug/Kg
P3010-17DL	A4B98DL	Solid	Benzo(a)anthracene	740.000	ED	0.58	21	ug/Kg
P3010-17DL	A4B98DL	Solid	Benzo(a)pyrene	380.000	ED	2	21	ug/Kg
P3010-17DL	A4B98DL	Solid	Benzo(b)fluoranthene	710.000	ED	2.9	21	ug/Kg
P3010-17DL	A4B98DL	Solid	Benzo(g,h,i)perylene	45.000	D	4.7	21	ug/Kg
P3010-17DL	A4B98DL	Solid	Benzo(k)fluoranthene	260.000	D	2	21	ug/Kg
P3010-17DL	A4B98DL	Solid	Chrysene	660.000	ED	1.6	21	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM070824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3010-17DL	A4B98DL	Solid	Dibenzo(a,h)anthracene	99.000	D	2.9	21	ug/Kg
P3010-17DL	A4B98DL	Solid	Fluoranthene	1,500.000	ED	1.1	21	ug/Kg
P3010-17DL	A4B98DL	Solid	Fluorene	52.000	D	1.4	21	ug/Kg
P3010-17DL	A4B98DL	Solid	Indeno(1,2,3-cd)pyrene	230.000	D	3.2	21	ug/Kg
P3010-17DL	A4B98DL	Solid	Naphthalene	18.000	JD	1.2	21	ug/Kg
P3010-17DL	A4B98DL	Solid	Phenanthrene	680.000	ED	1.1	21	ug/Kg
P3010-17DL	A4B98DL	Solid	Pyrene	1,200.000	ED	1.5	21	ug/Kg
Total Svoc :				6,954.00				
Total Concentration:				6,954.00				
Client ID :	A4BD0DL							
P3010-21DL	A4BD0DL	Solid	Total Alkanes	*	0.000	D 7.1	54	ug/Kg
Total Tics :				0.00				
P3010-21DL	A4BD0DL	Solid	1-Methylnaphthalene	8.300	JD	4.2	26	ug/Kg
P3010-21DL	A4BD0DL	Solid	2-Methylnaphthalene	11.000	JD	1.5	26	ug/Kg
P3010-21DL	A4BD0DL	Solid	Acenaphthene	41.000	D	1.4	26	ug/Kg
P3010-21DL	A4BD0DL	Solid	Acenaphthylene	23.000	JD	2.6	26	ug/Kg
P3010-21DL	A4BD0DL	Solid	Anthracene	100.000	D	1.4	26	ug/Kg
P3010-21DL	A4BD0DL	Solid	Benzo(a)anthracene	430.000	ED	0.74	26	ug/Kg
P3010-21DL	A4BD0DL	Solid	Benzo(a)pyrene	240.000	D	2.6	26	ug/Kg
P3010-21DL	A4BD0DL	Solid	Benzo(b)fluoranthene	560.000	ED	3.8	26	ug/Kg
P3010-21DL	A4BD0DL	Solid	Benzo(g,h,i)perylene	34.000	D	6	26	ug/Kg
P3010-21DL	A4BD0DL	Solid	Benzo(k)fluoranthene	190.000	D	2.6	26	ug/Kg
P3010-21DL	A4BD0DL	Solid	Chrysene	440.000	ED	2	26	ug/Kg
P3010-21DL	A4BD0DL	Solid	Dibenzo(a,h)anthracene	81.000	D	3.8	26	ug/Kg
P3010-21DL	A4BD0DL	Solid	Fluoranthene	1,100.000	ED	1.4	26	ug/Kg
P3010-21DL	A4BD0DL	Solid	Fluorene	37.000	D	1.8	26	ug/Kg
P3010-21DL	A4BD0DL	Solid	Indeno(1,2,3-cd)pyrene	170.000	D	4.2	26	ug/Kg
P3010-21DL	A4BD0DL	Solid	Naphthalene	21.000	JD	1.6	26	ug/Kg
P3010-21DL	A4BD0DL	Solid	Phenanthrene	590.000	ED	1.4	26	ug/Kg
P3010-21DL	A4BD0DL	Solid	Pyrene	660.000	ED	1.9	26	ug/Kg
Total Svoc :				4,736.30				
Total Concentration:				4,736.30				
Client ID :	A4CW5DL							
P3010-24DL	A4CW5DL	Solid	Total Alkanes	*	0.000	D 6.4	48	ug/Kg
Total Tics :				0.00				
P3010-24DL	A4CW5DL	Solid	1-Methylnaphthalene	17.000	JD	3.7	24	ug/Kg
P3010-24DL	A4CW5DL	Solid	2-Methylnaphthalene	23.000	JD	1.4	24	ug/Kg
P3010-24DL	A4CW5DL	Solid	Acenaphthene	69.000	D	1.3	24	ug/Kg
P3010-24DL	A4CW5DL	Solid	Acenaphthylene	76.000	D	2.4	24	ug/Kg
P3010-24DL	A4CW5DL	Solid	Anthracene	210.000	D	1.2	24	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM070824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3010-24DL	A4CW5DL	Solid	Benzo(a)anthracene	1,000.000	ED	0.67	24	ug/Kg
P3010-24DL	A4CW5DL	Solid	Benzo(a)pyrene	560.000	ED	2.3	24	ug/Kg
P3010-24DL	A4CW5DL	Solid	Benzo(b)fluoranthene	1,400.000	ED	3.4	24	ug/Kg
P3010-24DL	A4CW5DL	Solid	Benzo(g,h,i)perylene	80.000	D	5.4	24	ug/Kg
P3010-24DL	A4CW5DL	Solid	Benzo(k)fluoranthene	480.000	ED	2.3	24	ug/Kg
P3010-24DL	A4CW5DL	Solid	Chrysene	1,100.000	ED	1.8	24	ug/Kg
P3010-24DL	A4CW5DL	Solid	Dibenzo(a,h)anthracene	190.000	D	3.4	24	ug/Kg
P3010-24DL	A4CW5DL	Solid	Fluoranthene	2,500.000	ED	1.3	24	ug/Kg
P3010-24DL	A4CW5DL	Solid	Fluorene	73.000	D	1.6	24	ug/Kg
P3010-24DL	A4CW5DL	Solid	Indeno(1,2,3-cd)pyrene	430.000	ED	3.7	24	ug/Kg
P3010-24DL	A4CW5DL	Solid	Naphthalene	37.000	D	1.4	24	ug/Kg
P3010-24DL	A4CW5DL	Solid	Phenanthrene	1,100.000	ED	1.3	24	ug/Kg
P3010-24DL	A4CW5DL	Solid	Pyrene	1,500.000	ED	1.7	24	ug/Kg

Total Svoc : 10,845.00

Total Concentration: 10,845.00

Client ID : E1GM3

P3059-01	E1GM3	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
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Total Tics : 0.00

Total Concentration: 0.00

Client ID : E1GM4

P3059-02	E1GM4	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
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Total Tics : 0.00

Total Concentration: 0.00

Client ID : E1GM6

P3059-06	E1GM6	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
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Total Tics : 0.00

Total Concentration: 0.00

Client ID : E1GM7

P3059-07	E1GM7	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
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Total Tics : 0.00

Total Concentration: 0.00

Client ID : E1GM8

P3059-08	E1GM8	Water	Total Alkanes	*	0.000	0.03	0.21	ug/L
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Total Tics : 0.00

Total Concentration: 0.00

Client ID : E1GM9

P3059-09	E1GM9	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
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Total Tics : 0.00

Hit Summary Sheet SW-846

SDG No.: BM070824

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
			Total Concentration:			0.00		
Client ID :	E1GN0							
P3059-10	E1GN0	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	E1GN2							
P3059-11	E1GN2	Water	Total Alkanes	*	0.000	0.03	0.21	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	E1GN3							
P3059-12	E1GN3	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	E1GN4							
P3059-13	E1GN4	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	E1GN5							
P3059-14	E1GN5	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	E1GP3							
P3059-16	E1GP3	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
P3059-16	E1GP3	Water	1,4-Dioxane		0.050	J 0.029	0.2	ug/L
			Total Svoc :			0.05		
			Total Concentration:			0.05		
Client ID :	E1GP4							
P3059-17	E1GP4	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
P3059-17	E1GP4	Water	1,4-Dioxane		0.050	J 0.029	0.2	ug/L
			Total Svoc :			0.05		
			Total Concentration:			0.05		
Client ID :	E1GP5							
P3059-18	E1GP5	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
			Total Tics :			0.00		
P3059-18	E1GP5	Water	1,4-Dioxane		0.050	J 0.03	0.2	ug/L

Hit Summary Sheet SW-846

SDG No.: BM070824

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P3059-18	E1GP5	Water	Naphthalene	0.020	J	0	0.1	ug/L
Total Svoc :				0.07				
Total Concentration:				0.07				
Client ID :	E1GP6							
P3059-19	E1GP6	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
Total Tics :				0.00				
P3059-19	E1GP6	Water	1,4-Dioxane	0.050	J	0.029	0.2	ug/L
P3059-19	E1GP6	Water	Naphthalene	0.020	J	0.0043	0.1	ug/L
Total Svoc :				0.07				
Total Concentration:				0.07				
Client ID :	E1GN6							
P3059-20	E1GN6	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
Total Tics :				0.00				
Total Concentration:				0.00				
Client ID :	E1GN7							
P3059-21	E1GN7	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
Total Tics :				0.00				
Total Concentration:				0.00				
Client ID :	E1G74							
P3084-01	E1G74	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
Total Tics :				0.00				
P3084-01	E1G74	Water	1-Methylnaphthalene	0.040	J	0.02	0.1	ug/L
P3084-01	E1G74	Water	2-Methylnaphthalene	0.060	J	0.01	0.1	ug/L
P3084-01	E1G74	Water	Acenaphthene	0.020	J	0.01	0.1	ug/L
P3084-01	E1G74	Water	Anthracene	0.020	J	0.01	0.1	ug/L
P3084-01	E1G74	Water	Fluoranthene	0.020	J	0.01	0.1	ug/L
P3084-01	E1G74	Water	Fluorene	0.030	J	0.01	0.1	ug/L
P3084-01	E1G74	Water	Naphthalene	0.040	J	0	0.1	ug/L
P3084-01	E1G74	Water	Phenanthrene	0.020	J	0.01	0.1	ug/L
Total Svoc :				0.25				
Total Concentration:				0.25				
Client ID :	E1G75							
P3084-02	E1G75	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
Total Tics :				0.00				
P3084-02	E1G75	Water	1-Methylnaphthalene	0.030	J	0.02	0.1	ug/L
P3084-02	E1G75	Water	2-Methylnaphthalene	0.040	J	0.01	0.1	ug/L
P3084-02	E1G75	Water	Naphthalene	0.040	J	0	0.1	ug/L
Total Svoc :				0.11				

Hit Summary Sheet SW-846

SDG No.: BM070824

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
			Total Concentration:	0.11				
Client ID :	E1GE2							
P3084-03	E1GE2	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :	0.00				
P3084-03	E1GE2	Water	1-Methylnaphthalene		0.060	J 0.015	0.1	ug/L
P3084-03	E1GE2	Water	2-Methylnaphthalene		0.030	J 0.0053	0.1	ug/L
P3084-03	E1GE2	Water	Naphthalene		0.090	J 0.0043	0.1	ug/L
			Total Svoc :	0.18				
			Total Concentration:	0.18				
Client ID :	E1GE3							
P3084-04	E1GE3	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :	0.00				
P3084-04	E1GE3	Water	1-Methylnaphthalene		0.120	0.015	0.1	ug/L
P3084-04	E1GE3	Water	2-Methylnaphthalene		0.180	0.0053	0.1	ug/L
P3084-04	E1GE3	Water	Naphthalene		0.370	0.0043	0.1	ug/L
P3084-04	E1GE3	Water	Phenanthrene		0.030	J 0.0068	0.1	ug/L
			Total Svoc :	0.70				
			Total Concentration:	0.70				
Client ID :	E1GC8							
P3084-05	E1GC8	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :	0.00				
P3084-05	E1GC8	Water	Naphthalene		0.030	J 0.0043	0.1	ug/L
			Total Svoc :	0.03				
			Total Concentration:	0.03				
Client ID :	E1GC7							
P3084-06	E1GC7	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :	0.00				
P3084-06	E1GC7	Water	Naphthalene		0.030	J 0.0043	0.1	ug/L
P3084-06	E1GC7	Water	Phenanthrene		0.070	J 0.0068	0.1	ug/L
			Total Svoc :	0.10				
			Total Concentration:	0.10				
Client ID :	E1G89							
P3084-07	E1G89	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :	0.00				
P3084-07	E1G89	Water	2-Methylnaphthalene		0.020	J 0.0053	0.1	ug/L
P3084-07	E1G89	Water	Naphthalene		0.020	J 0.0043	0.1	ug/L
			Total Svoc :	0.04				
			Total Concentration:	0.04				



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Hit Summary Sheet
SW-846

SDG No.: BM070824

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : E1GE4								
P3084-08	E1GE4	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
P3084-08	E1GE4	Water	Naphthalene		0.040 J	0.0043	0.1	ug/L
			Total Svoc :			0.04		
			Total Concentration:			0.04		



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BM070524 SAS No.: BM070524 SDG No.: BM070524
Instrument ID: _____ Calibration Date(s): 7/5/2024 1: _____
Calibration Time(s): 12:12 _____

LAB FILE ID:		RRFAL1 = BM046378.D			RRFAL2 = BM046379.D		RRFAL3 = BM046380.D	
		RRFAL4 = BM046381.D			RRFAL5 = BM046382.D		RRFAL6 = BM046383.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane		0.504	0.441	0.478	0.461	0.456	0.468	5.1
1,4-Dioxane-d8		0.427	0.397	0.433	0.408	0.401	0.413	3.9
Naphthalene	1.096	1.058	0.978	1.115	1.063		1.062	4.9
1-Methylnaphthalene	0.737	0.735	0.686	0.783	0.758		0.740	4.8
2-Methylnaphthalene	0.711	0.717	0.663	0.763	0.736		0.718	5.1
Acenaphthylene	2.111	2.022	1.839	2.130	2.049		2.030	5.7
Acenaphthene	1.371	1.314	1.206	1.394	1.333		1.324	5.5
Fluorene	1.553	1.547	1.434	1.665	1.613		1.562	5.5
Pentachlorophenol		0.101	0.098	0.121	0.125	0.138	0.117	14.4
Phenanthrene	1.232	1.186	1.077	1.273	1.221		1.198	6.2
Anthracene	1.166	1.145	1.044	1.237	1.217		1.162	6.5
Fluoranthene	2.250	2.052	1.748	2.077	1.983		2.022	9.0
Pyrene	2.332	2.111	1.804	2.123	2.032		2.080	9.2
Benzo(a)anthracene	1.943	1.821	1.582	1.835	1.755		1.787	7.4
Chrysene	1.983	1.809	1.579	1.800	1.714		1.777	8.3
Benzo(b)fluoranthene	1.898	1.747	1.468	1.734	1.656		1.701	9.2
Benzo(k)fluoranthene	1.910	1.707	1.498	1.755	1.712		1.717	8.6
Benzo(a)pyrene	1.421	1.332	1.186	1.412	1.369		1.344	7.1
Indeno(1,2,3-cd)pyrene	1.968	1.821	1.586	1.882	1.823		1.816	7.8
Dibenzo(a,h)anthracene	1.514	1.402	1.222	1.462	1.424		1.405	7.9
Benzo(g,h,i)perylene	1.578	1.452	1.280	1.487	1.442		1.448	7.4
Fluoranthene-d10	1.572	1.431	1.213	1.430	1.359		1.401	9.3
2-Methylnaphthalene-d10	0.604	0.592	0.545	0.622	0.595		0.592	4.8

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM070824 SAS No.: BM070824 SDG NO.: BM070824

EPA Sample No.: SSTD0.4031

Date Analyzed: Jul 8 2024 12:00AM

Lab File ID: BM046380.D

Time Analyzed: 11:25

Instrument ID: BNA_M

GC Column: ZB-GR ID: 0.25 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	4322	7.539	12036	10.30	7205	14.19
	UPPER LIMIT	8644	8.039	24072	10.803	14410	14.686
	LOWER LIMIT	2161	7.039	6018	9.803	3602.5	13.686
	EPA SAMPLE NO.						
01	SBLK728	6985	7.54	20728	10.30	12599	14.18
02	A4B69DL	5996	7.54	16676	10.30	9826	14.18
03	A4CW0DL	6477	7.54	17837	10.30	10727	14.18
04	A4B66DL	7298	7.54	20683	10.29	12332	14.17
05	A4B68DL	7233	7.54	20763	10.29	12520	14.17
06	A4B65DL	7151	7.53	19718	10.29	11902	14.17
07	A4CS9	6177	7.54	17879	10.29	11357	14.17
08	A4B98DL	8299	7.54	23797	10.30	14438 *	14.18
09	A4CG2DL	7250	7.53	20152	10.30	12463	14.18
10	A4CW5DL	8102	7.54	22670	10.30	13871	14.17
11	A4CW3DL	8251	7.54	23675	10.29	14580 *	14.18
12	A4CW6DL	7766	7.53	21697	10.29	13185	14.17
13	A4BD0DL	8339	7.53	23631	10.29	14400	14.17
14	A4CW1DL	7016	7.53	19135	10.30	11457	14.17
15	SBLK653	5470	7.53	15884	10.29	9680	14.17
16	A4CF0DL	6854	7.53	18625	10.29	11414	14.17
17	A4BB8DL	7166	7.53	19762	10.29	12228	14.17
18	A4CF2DL	7161	7.53	19760	10.29	12167	14.17
19	A4CF6DL	7649	7.53	21755	10.29	13574	14.17
20	A4CF7DL	7646	7.53	21868	10.29	13622	14.17
21	A4CG0DL	6484	7.53	17947	10.29	11182	14.17
22	A4BC4DL	6734	7.53	19517	10.29	12414	14.17
23	A4BC5DL	7216	7.53	19791	10.29	12069	14.17

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM070824 SAS No.: BM070824 SDG NO.: BM070824

EPA Sample No.: SSTD0.4031

Date Analyzed: Jul 9 2024 12:00AM

Lab File ID: BM046380.D

Time Analyzed: 02:11

Instrument ID: BNA_M

GC Column: ZB-GR ID: 0.25 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	4322	7.539	12036	10.30	7205	14.19
	UPPER LIMIT	8644	8.039	24072	10.803	14410	14.686
	LOWER LIMIT	2161	7.039	6018	9.803	3602.5	13.686
	EPA SAMPLE NO.						
24	A4BC7DL	6873	7.53	19215	10.29	12340	14.17
25	A4CT8DL	6198	7.53	16705	10.29	10491	14.17
26	A4CT9DL	6954	7.53	19166	10.29	12101	14.17
27	A4CT2DL	4787	7.53	13111	10.29	8212	14.17
28	A4CF5DL	5562	7.53	15258	10.29	9715	14.17
29	A4CS9DL	5763	7.53	15446	10.29	9691	14.17
30	SLCS728	6087	7.53	16142	10.29	9850	14.17
31	SBLK734	4594	7.53	12198	10.29	7549	14.17
32	SBLK747	4718	7.53	12811	10.29	8004	14.17
33	E1GM3	4595	7.53	13169	10.29	8693	14.17
34	E1GM4	4168	7.53	11349	10.29	7141	14.17
35	E1GM9	5257	7.53	14479	10.29	9043	14.17
36	E1GN0	6140	7.53	16564	10.29	10011	14.17
37	E1GN2	5770	7.53	15371	10.29	9515	14.17
38	E1GN3	6757	7.53	18821	10.29	11596	14.17
39	E1GN4	6271	7.53	16907	10.29	10325	14.17
40	E1GN5	5623	7.53	15219	10.29	9187	14.17
41	E1GP3	6102	7.53	16283	10.29	10323	14.17
42	E1GP4	6405	7.53	17909	10.29	11548	14.17
43	E1GP5	5916	7.53	16561	10.29	11139	14.17
44	E1GP6	6276	7.53	17749	10.29	11779	14.17
45	E1GM6	5560	7.53	15015	10.29	9496	14.17
46	E1GM7	5942	7.53	16485	10.29	10472	14.17



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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM070824 SAS No.: BM070824 SDG NO.: BM070824

EPA Sample No.: SSTD0.4031

Date Analyzed: Jul 9 2024 12:00AM

Lab File ID: BM046380.D

Time Analyzed: 18:44

Instrument ID: BNA_M

GC Column: ZB-GR ID: 0.25 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	4322	7.539	12036	10.30	7205	14.19
	UPPER LIMIT	8644	8.039	24072	10.803	14410	14.686
	LOWER LIMIT	2161	7.039	6018	9.803	3602.5	13.686
	EPA SAMPLE NO.						
47	SBLK757	5475	7.53	15085	10.29	9554	14.17
48	SLCS757	3521	7.53	9073	10.29	5835	14.17
49	E1G74	3751	7.53	9955	10.29	6532	14.17
50	E1G75	4070	7.53	10955	10.29	7266	14.17
51	E1GE2	9313 *	7.53	25193 *	10.29	15735 *	14.17
52	E1GE3	4314	7.53	11860	10.29	8251	14.17
53	E1GC8	4217	7.53	11284	10.29	7409	14.17
54	E1GM8	3953	7.52	10284	10.29	6621	14.17
55	SLCS734	5040	7.53	13258	10.29	8351	14.17
56	SLCS747	3638	7.52	8951	10.29	5497	14.16
57	E1GN6	3432	7.52	9267	10.29	6389	14.17
58	E1GN7	3153	7.53	8131	10.28	5122	14.16
59	E1GC7	3564	7.52	9273	10.29	6041	14.17
60	E1G89	2757	7.52	7077	10.29	4888	14.17
61	E1GE4	3742	7.52	9827	10.28	6413	14.16
62	SBLK779	3876	7.52	9979	10.28	6335	14.16
63	SLCS779	3976	7.52	10003	10.28	6464	14.16



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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM070824 SAS No.: BM070824 SDG NO.: BM070824

EPA Sample No.: SSTD0.4031 Date Analyzed: Jul 10 2024 12:00AM

Lab File ID: BM046380.D Time Analyzed: 04:34

Instrument ID: BNA_M GC Column: ZB-GR ID: 0.25 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	4322	7.539	12036	10.30	7205	14.19
UPPER LIMIT	8644	8.039	24072	10.803	14410	14.686
LOWER LIMIT	2161	7.039	6018	9.803	3602.5	13.686
EPA SAMPLE NO.						

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM070824 SAS No.: BM070824 SDG NO.: BM070824

EPA Sample No.: SSTD0.4155 Date Analyzed: Jul 8 2024 12:00AM

Lab File ID: BM046429.D Time Analyzed: 11:25

Instrument ID: BNA_M GC Column: ZB-GR ID: 0.25 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	5319	7.535	14557	10.30	8893	14.18
UPPER LIMIT	10638	8.035	29114	10.799	17786	14.678
LOWER LIMIT	2659.5	7.035	7278.5	9.799	4446.5	13.678
EPA SAMPLE NO.						
01 SBLK728	6985	7.54	20728	10.30	12599	14.18
02 A4B69DL	5996	7.54	16676	10.30	9826	14.18
03 A4CW0DL	6477	7.54	17837	10.30	10727	14.18
04 A4B66DL	7298	7.54	20683	10.29	12332	14.17
05 A4B68DL	7233	7.54	20763	10.29	12520	14.17
06 A4B65DL	7151	7.53	19718	10.29	11902	14.17
07 A4CS9	6177	7.54	17879	10.29	11357	14.17
08 A4B98DL	8299	7.54	23797	10.30	14438	14.18
09 A4CG2DL	7250	7.53	20152	10.30	12463	14.18
10 A4CW5DL	8102	7.54	22670	10.30	13871	14.17
11 A4CW3DL	8251	7.54	23675	10.29	14580	14.18
12 A4CW6DL	7766	7.53	21697	10.29	13185	14.17
13 A4BD0DL	8339	7.53	23631	10.29	14400	14.17
14 A4CW1DL	7016	7.53	19135	10.30	11457	14.17

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.



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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM070824 SAS No.: BM070824 SDG NO.: BM070824

EPA Sample No.: SSTD0.4156 Date Analyzed: Jul 8 2024 12:00AM

Lab File ID: BM046444.D Time Analyzed: 20:41

Instrument ID: BNA_M GC Column: ZB-GR ID: 0.25 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	5951	7.531	16269	10.30	9689	14.18
	UPPER LIMIT	11902	8.031	32538	10.797	19378	14.677
	LOWER LIMIT	2975.5	7.031	8134.5	9.797	4844.5	13.677
	EPA SAMPLE NO.						
01	SBLK653	5470	7.53	15884	10.29	9680	14.17
02	A4CF0DL	6854	7.53	18625	10.29	11414	14.17
03	A4BB8DL	7166	7.53	19762	10.29	12228	14.17
04	A4CF2DL	7161	7.53	19760	10.29	12167	14.17
05	A4CF6DL	7649	7.53	21755	10.29	13574	14.17
06	A4CF7DL	7646	7.53	21868	10.29	13622	14.17
07	A4CG0DL	6484	7.53	17947	10.29	11182	14.17
08	A4BC4DL	6734	7.53	19517	10.29	12414	14.17
09	A4BC5DL	7216	7.53	19791	10.29	12069	14.17
10	A4BC7DL	6873	7.53	19215	10.29	12340	14.17
11	A4CT8DL	6198	7.53	16705	10.29	10491	14.17
12	A4CT9DL	6954	7.53	19166	10.29	12101	14.17
13	A4CT2DL	4787	7.53	13111	10.29	8212	14.17
14	A4CF5DL	5562	7.53	15258	10.29	9715	14.17
15	A4CS9DL	5763	7.53	15446	10.29	9691	14.17
16	SLCS728	6087	7.53	16142	10.29	9850	14.17



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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM070824 SAS No.: BM070824 SDG NO.: BM070824

EPA Sample No.: SSTD0.4156 Date Analyzed: Jul 9 2024 12:00AM

Lab File ID: BM046444.D Time Analyzed: 05:50

Instrument ID: BNA_M GC Column: ZB-GR ID: 0.25 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	5951	7.531	16269	10.30	9689	14.18
UPPER LIMIT	11902	8.031	32538	10.797	19378	14.677
LOWER LIMIT	2975.5	7.031	8134.5	9.797	4844.5	13.677
EPA SAMPLE NO.						

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.



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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM070824 SAS No.: BM070824 SDG NO.: BM070824

EPA Sample No.: SSTD0.4157 Date Analyzed: Jul 9 2024 12:00AM

Lab File ID: BM046461.D Time Analyzed: 07:39

Instrument ID: BNA_M GC Column: ZB-GR ID: 0.25 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	5180	7.527	13581	10.29	8337	14.17
	UPPER LIMIT	10360	8.027	27162	10.792	16674	14.668
	LOWER LIMIT	2590	7.027	6790.5	9.792	4168.5	13.668
	EPA SAMPLE NO.						
01	SBLK734	4594	7.53	12198	10.29	7549	14.17
02	SBLK747	4718	7.53	12811	10.29	8004	14.17
03	E1GM3	4595	7.53	13169	10.29	8693	14.17
04	E1GM4	4168	7.53	11349	10.29	7141	14.17
05	E1GM9	5257	7.53	14479	10.29	9043	14.17
06	E1GN0	6140	7.53	16564	10.29	10011	14.17
07	E1GN2	5770	7.53	15371	10.29	9515	14.17
08	E1GN3	6757	7.53	18821	10.29	11596	14.17
09	E1GN4	6271	7.53	16907	10.29	10325	14.17
10	E1GN5	5623	7.53	15219	10.29	9187	14.17
11	E1GP3	6102	7.53	16283	10.29	10323	14.17
12	E1GP4	6405	7.53	17909	10.29	11548	14.17
13	E1GP5	5916	7.53	16561	10.29	11139	14.17
14	E1GP6	6276	7.53	17749	10.29	11779	14.17
15	E1GM6	5560	7.53	15015	10.29	9496	14.17
16	E1GM7	5942	7.53	16485	10.29	10472	14.17



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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM070824 SAS No.: BM070824 SDG NO.: BM070824

EPA Sample No.: SSTD0.4157 Date Analyzed: Jul 9 2024 12:00AM

Lab File ID: BM046461.D Time Analyzed: 16:52

Instrument ID: BNA_M GC Column: ZB-GR ID: 0.25 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	5180	7.527	13581	10.29	8337	14.17
UPPER LIMIT	10360	8.027	27162	10.792	16674	14.668
LOWER LIMIT	2590	7.027	6790.5	9.792	4168.5	13.668
EPA SAMPLE NO.						

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.



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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM070824 SAS No.: BM070824 SDG NO.: BM070824

EPA Sample No.: SSTD0.4158 Date Analyzed: Jul 9 2024 12:00AM

Lab File ID: BM046478.D Time Analyzed: 18:44

Instrument ID: BNA_M GC Column: ZB-GR ID: 0.25 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	4391	7.527	11241	10.29	6637	14.17
	UPPER LIMIT	8782	8.027	22482	10.786	13274	14.668
	LOWER LIMIT	2195.5	7.027	5620.5	9.786	3318.5	13.668
	EPA SAMPLE NO.						
01	SBLK757	5475	7.53	15085	10.29	9554	14.17
02	SLCS757	3521	7.53	9073	10.29	5835	14.17
03	E1G74	3751	7.53	9955	10.29	6532	14.17
04	E1G75	4070	7.53	10955	10.29	7266	14.17
05	E1GE2	9313 *	7.53	25193 *	10.29	15735 *	14.17
06	E1GE3	4314	7.53	11860	10.29	8251	14.17
07	E1GC8	4217	7.53	11284	10.29	7409	14.17
08	E1GM8	3953	7.52	10284	10.29	6621	14.17
09	SLCS734	5040	7.53	13258	10.29	8351	14.17
10	SLCS747	3638	7.52	8951	10.29	5497	14.16
11	E1GN6	3432	7.52	9267	10.29	6389	14.17
12	E1GN7	3153	7.53	8131	10.28	5122	14.16
13	E1GC7	3564	7.52	9273	10.29	6041	14.17
14	E1G89	2757	7.52	7077	10.29	4888	14.17
15	E1GE4	3742	7.52	9827	10.28	6413	14.16
16	SBLK779	3876	7.52	9979	10.28	6335	14.16
17	SLCS779	3976	7.52	10003	10.28	6464	14.16



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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM070824 SAS No.: BM070824 SDG NO.: BM070824

EPA Sample No.: SSTD0.4158 Date Analyzed: Jul 10 2024 12:00AM

Lab File ID: BM046478.D Time Analyzed: 04:34

Instrument ID: BNA_M GC Column: ZB-GR ID: 0.25 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	4391	7.527	11241	10.29	6637	14.17
UPPER LIMIT	8782	8.027	22482	10.786	13274	14.668
LOWER LIMIT	2195.5	7.027	5620.5	9.786	3318.5	13.668
EPA SAMPLE NO.						

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM070824 SAS No.: BM070824 SDG NO.: BM070824

EPA Sample No.: SSTD0.4031 Date Analyzed: Jul 8 2024 12:00AM

Lab File ID: BM046380.D Time Analyzed: 11:25

Instrument ID: BNA_M GC Column: ZB-GR ID: 0.25 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	14946	16.937	10588	21.143	11491	23.3
	UPPER LIMIT	29892	17.437	21176	21.643	22982	23.8
	LOWER LIMIT	7473	16.437	5294	20.643	5745.5	22.8
	EPA SAMPLE NO.						
01	SBLK728	24657	16.93	12574	21.13	11347	23.29
02	A4B69DL	17993	16.93	10927	21.13	11148	23.29
03	A4CW0DL	20880	16.93	13740	21.13	14255	23.29
04	A4B66DL	22329	16.93	12386	21.13	12460	23.29
05	A4B68DL	22917	16.93	13269	21.13	13409	23.29
06	A4B65DL	22648	16.93	13639	21.13	14714	23.29
07	A4CS9	22149	16.93	10522	21.13	11235	23.29
08	A4B98DL	26921	16.93	13841	21.13	14882	23.29
09	A4CG2DL	24121	16.93	13369	21.13	14894	23.29
10	A4CW5DL	26148	16.93	13383	21.13	15010	23.29
11	A4CW3DL	27302	16.93	15757	21.13	15173	23.29
12	A4CW6DL	24995	16.93	14985	21.13	14886	23.29
13	A4BD0DL	26707	16.93	15013	21.13	15226	23.29
14	A4CW1DL	21272	16.93	12873	21.13	12998	23.28
15	SBLK653	18236	16.93	10513	21.13	9836	23.28
16	A4CF0DL	21865	16.93	14141	21.13	15473	23.28
17	A4BB8DL	24176	16.93	15749	21.13	15622	23.28
18	A4CF2DL	22579	16.93	12843	21.13	13672	23.28
19	A4CF6DL	25196	16.93	14024	21.13	14238	23.28
20	A4CF7DL	25390	16.93	13740	21.13	13839	23.28
21	A4CG0DL	20895	16.92	12141	21.13	12455	23.28

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM070824 SAS No.: BM070824 SDG NO.: BM070824

EPA Sample No.: SSTD0.4031 Date Analyzed: Jul 9 2024 12:00AM

Lab File ID: BM046380.D Time Analyzed: 00:58

Instrument ID: BNA_M GC Column: ZB-GR ID: 0.25 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	14946	16.937	10588	21.143	11491	23.3
	UPPER LIMIT	29892	17.437	21176	21.643	22982	23.8
	LOWER LIMIT	7473	16.437	5294	20.643	5745.5	22.8
	EPA SAMPLE NO.						
22	A4BC4DL	23839	16.92	12988	21.13	13526	23.27
23	A4BC5DL	23181	16.93	14435	21.13	14887	23.28
24	A4BC7DL	24146	16.93	14575	21.13	14134	23.27
25	A4CT8DL	21081	16.92	13676	21.13	14237	23.28
26	A4CT9DL	24037	16.92	13804	21.12	13611	23.27
27	A4CT2DL	16035	16.92	10587	21.13	11564	23.28
28	A4CF5DL	19208	16.92	11875	21.13	11515	23.28
29	A4CS9DL	19613	16.92	13423	21.13	13953	23.28
30	SLCS728	19734	16.92	12972	21.13	13298	23.28
31	SBLK734	16114	16.92	10329	21.13	9786	23.28
32	SBLK747	17174	16.92	11385	21.13	10897	23.28
33	E1GM3	18839	16.92	10891	21.13	10235	23.28
34	E1GM4	15233	16.92	10296	21.13	10244	23.28
35	E1GM9	18583	16.92	11480	21.13	11258	23.28
36	E1GN0	20890	16.92	13884	21.13	13057	23.28
37	E1GN2	20550	16.92	14213	21.13	13832	23.28
38	E1GN3	23577	16.92	14061	21.13	13065	23.28
39	E1GN4	21371	16.92	13765	21.13	13662	23.28
40	E1GN5	19411	16.92	12587	21.13	12202	23.28
41	E1GP3	21286	16.92	13781	21.13	12525	23.28
42	E1GP4	24262	16.92	14685	21.13	12701	23.28

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM070824 SAS No.: BM070824 SDG NO.: BM070824

EPA Sample No.: SSTD0.4031 Date Analyzed: Jul 9 2024 12:00AM

Lab File ID: BM046380.D Time Analyzed: 15:01

Instrument ID: BNA_M GC Column: ZB-GR ID: 0.25 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	14946	16.937	10588	21.143	11491	23.3
	UPPER LIMIT	29892	17.437	21176	21.643	22982	23.8
	LOWER LIMIT	7473	16.437	5294	20.643	5745.5	22.8
	EPA SAMPLE NO.						
43	E1GP5	22881	16.92	13633	21.13	12118	23.28
44	E1GP6	23879	16.92	14647	21.13	13305	23.28
45	E1GM6	20564	16.92	14785	21.13	15226	23.28
46	E1GM7	23565	16.92	17702	21.13	17179	23.27
47	SBLK757	18974	16.92	11770	21.13	11563	23.28
48	SLCS757	12483	16.92	9156	21.12	10225	23.27
49	E1G74	13548	16.92	9640	21.12	10185	23.27
50	E1G75	16359	16.92	12677	21.12	13395	23.27
51	E1GE2	32132 *	16.92	21952 *	21.12	21444	23.27
52	E1GE3	18533	16.92	14004	21.12	13817	23.27
53	E1GC8	14638	16.92	9825	21.12	9489	23.27
54	E1GM8	14107	16.92	10530	21.12	11495	23.27
55	SLCS734	16485	16.92	9172	21.12	9297	23.27
56	SLCS747	10715	16.92	7300	21.12	8277	23.27
57	E1GN6	13155	16.92	8199	21.12	8273	23.27
58	E1GN7	10781	16.92	7512	21.12	7833	23.27
59	E1GC7	12269	16.92	9057	21.12	8608	23.27
60	E1G89	11152	16.92	9356	21.12	10575	23.27
61	E1GE4	13144	16.92	9019	21.12	8707	23.27
62	SBLK779	12884	16.92	8786	21.12	8903	23.27
63	SLCS779	12784	16.92	7101	21.12	7232	23.27

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM070824 SAS No.: BM070824 SDG NO.: BM070824

EPA Sample No.: SSTD0.4031 Date Analyzed: Jul 10 2024 12:00AM

Lab File ID: BM046380.D Time Analyzed: 04:34

Instrument ID: BNA_M GC Column: ZB-GR ID: 0.25 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	14946	16.937	10588	21.143	11491	23.3
UPPER LIMIT	29892	17.437	21176	21.643	22982	23.8
LOWER LIMIT	7473	16.437	5294	20.643	5745.5	22.8
EPA SAMPLE NO.						

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM070824 SAS No.: BM070824 SDG NO.: BM070824

EPA Sample No.: SSTD0.4155 Date Analyzed: Jul 8 2024 12:00AM

Lab File ID: BM046429.D Time Analyzed: 11:25

Instrument ID: BNA_M GC Column: ZB-GR ID: 0.25 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	17753	16.93	11497	21.134	12162	23.285
	UPPER LIMIT	35506	17.43	22994	21.634	24324	23.785
	LOWER LIMIT	8876.5	16.43	5748.5	20.634	6081	22.785
	EPA SAMPLE NO.						
01	SBLK728	24657	16.93	12574	21.13	11347	23.29
02	A4B69DL	17993	16.93	10927	21.13	11148	23.29
03	A4CW0DL	20880	16.93	13740	21.13	14255	23.29
04	A4B66DL	22329	16.93	12386	21.13	12460	23.29
05	A4B68DL	22917	16.93	13269	21.13	13409	23.29
06	A4B65DL	22648	16.93	13639	21.13	14714	23.29
07	A4CS9	22149	16.93	10522	21.13	11235	23.29
08	A4B98DL	26921	16.93	13841	21.13	14882	23.29
09	A4CG2DL	24121	16.93	13369	21.13	14894	23.29
10	A4CW5DL	26148	16.93	13383	21.13	15010	23.29
11	A4CW3DL	27302	16.93	15757	21.13	15173	23.29
12	A4CW6DL	24995	16.93	14985	21.13	14886	23.29
13	A4BD0DL	26707	16.93	15013	21.13	15226	23.29
14	A4CW1DL	21272	16.93	12873	21.13	12998	23.28

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM070824 SAS No.: BM070824 SDG NO.: BM070824

EPA Sample No.: SSTD0.4156 Date Analyzed: Jul 8 2024 12:00AM

Lab File ID: BM046444.D Time Analyzed: 20:41

Instrument ID: BNA_M GC Column: ZB-GR ID: 0.25 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	18257	16.925	11117	21.129	11593	23.283
	UPPER LIMIT	36514	17.425	22234	21.629	23186	23.783
	LOWER LIMIT	9128.5	16.425	5558.5	20.629	5796.5	22.783
	EPA SAMPLE NO.						
01	SBLK653	18236	16.93	10513	21.13	9836	23.28
02	A4CF0DL	21865	16.93	14141	21.13	15473	23.28
03	A4BB8DL	24176	16.93	15749	21.13	15622	23.28
04	A4CF2DL	22579	16.93	12843	21.13	13672	23.28
05	A4CF6DL	25196	16.93	14024	21.13	14238	23.28
06	A4CF7DL	25390	16.93	13740	21.13	13839	23.28
07	A4CG0DL	20895	16.92	12141	21.13	12455	23.28
08	A4BC4DL	23839	16.92	12988	21.13	13526	23.27
09	A4BC5DL	23181	16.93	14435	21.13	14887	23.28
10	A4BC7DL	24146	16.93	14575	21.13	14134	23.27
11	A4CT8DL	21081	16.92	13676	21.13	14237	23.28
12	A4CT9DL	24037	16.92	13804	21.12	13611	23.27
13	A4CT2DL	16035	16.92	10587	21.13	11564	23.28
14	A4CF5DL	19208	16.92	11875	21.13	11515	23.28
15	A4CS9DL	19613	16.92	13423	21.13	13953	23.28
16	SLCS728	19734	16.92	12972	21.13	13298	23.28

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM070824 SAS No.: BM070824 SDG NO.: BM070824

EPA Sample No.: SSTD0.4156 Date Analyzed: Jul 9 2024 12:00AM

Lab File ID: BM046444.D Time Analyzed: 05:50

Instrument ID: BNA_M GC Column: ZB-GR ID: 0.25 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	18257	16.925	11117	21.129	11593	23.283
UPPER LIMIT	36514	17.425	22234	21.629	23186	23.783
LOWER LIMIT	9128.5	16.425	5558.5	20.629	5796.5	22.783
EPA SAMPLE NO.						

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM070824 SAS No.: BM070824 SDG NO.: BM070824

EPA Sample No.: SSTD0.4157 Date Analyzed: Jul 9 2024 12:00AM

Lab File ID: BM046461.D Time Analyzed: 07:39

Instrument ID: BNA_M GC Column: ZB-GR ID: 0.25 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	16493	16.92	10441	21.129	11090	23.276
	UPPER LIMIT	32986	17.42	20882	21.629	22180	23.776
	LOWER LIMIT	8246.5	16.42	5220.5	20.629	5545	22.776
	EPA SAMPLE NO.						
01	SBLK734	16114	16.92	10329	21.13	9786	23.28
02	SBLK747	17174	16.92	11385	21.13	10897	23.28
03	E1GM3	18839	16.92	10891	21.13	10235	23.28
04	E1GM4	15233	16.92	10296	21.13	10244	23.28
05	E1GM9	18583	16.92	11480	21.13	11258	23.28
06	E1GN0	20890	16.92	13884	21.13	13057	23.28
07	E1GN2	20550	16.92	14213	21.13	13832	23.28
08	E1GN3	23577	16.92	14061	21.13	13065	23.28
09	E1GN4	21371	16.92	13765	21.13	13662	23.28
10	E1GN5	19411	16.92	12587	21.13	12202	23.28
11	E1GP3	21286	16.92	13781	21.13	12525	23.28
12	E1GP4	24262	16.92	14685	21.13	12701	23.28
13	E1GP5	22881	16.92	13633	21.13	12118	23.28
14	E1GP6	23879	16.92	14647	21.13	13305	23.28
15	E1GM6	20564	16.92	14785	21.13	15226	23.28
16	E1GM7	23565	16.92	17702	21.13	17179	23.27

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM070824 SAS No.: BM070824 SDG NO.: BM070824

EPA Sample No.: SSTD0.4157 Date Analyzed: Jul 9 2024 12:00AM

Lab File ID: BM046461.D Time Analyzed: 16:52

Instrument ID: BNA_M GC Column: ZB-GR ID: 0.25 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	16493	16.92	10441	21.129	11090	23.276
UPPER LIMIT	32986	17.42	20882	21.629	22180	23.776
LOWER LIMIT	8246.5	16.42	5220.5	20.629	5545	22.776
EPA SAMPLE NO.						

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM070824 SAS No.: BM070824 SDG NO.: BM070824

EPA Sample No.: SSTD0.4158 Date Analyzed: Jul 9 2024 12:00AM

Lab File ID: BM046478.D Time Analyzed: 18:44

Instrument ID: BNA_M GC Column: ZB-GR ID: 0.25 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	12905	16.92	8471	21.126	9334	23.271
	UPPER LIMIT	25810	17.42	16942	21.626	18668	23.771
	LOWER LIMIT	6452.5	16.42	4235.5	20.626	4667	22.771
	EPA SAMPLE NO.						
01	SBLK757	18974	16.92	11770	21.13	11563	23.28
02	SLCS757	12483	16.92	9156	21.12	10225	23.27
03	E1G74	13548	16.92	9640	21.12	10185	23.27
04	E1G75	16359	16.92	12677	21.12	13395	23.27
05	E1GE2	32132 *	16.92	21952 *	21.12	21444 *	23.27
06	E1GE3	18533	16.92	14004	21.12	13817	23.27
07	E1GC8	14638	16.92	9825	21.12	9489	23.27
08	E1GM8	14107	16.92	10530	21.12	11495	23.27
09	SLCS734	16485	16.92	9172	21.12	9297	23.27
10	SLCS747	10715	16.92	7300	21.12	8277	23.27
11	E1GN6	13155	16.92	8199	21.12	8273	23.27
12	E1GN7	10781	16.92	7512	21.12	7833	23.27
13	E1GC7	12269	16.92	9057	21.12	8608	23.27
14	E1G89	11152	16.92	9356	21.12	10575	23.27
15	E1GE4	13144	16.92	9019	21.12	8707	23.27
16	SBLK779	12884	16.92	8786	21.12	8903	23.27
17	SLCS779	12784	16.92	7101	21.12	7232	23.27

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM070824 SAS No.: BM070824 SDG NO.: BM070824

EPA Sample No.: SSTD0.4158 Date Analyzed: Jul 10 2024 12:00AM

Lab File ID: BM046478.D Time Analyzed: 04:34

Instrument ID: BNA_M GC Column: ZB-GR ID: 0.25 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	12905	16.92	8471	21.126	9334	23.271
UPPER LIMIT	25810	17.42	16942	21.626	18668	23.771
LOWER LIMIT	6452.5	16.42	4235.5	20.626	4667	22.771
EPA SAMPLE NO.						

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM070824

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB161728BS	1,4-Dioxane	2	1	ug/L	50				0	0		
	Naphthalene	0.4	0.34	ug/L	85				0	0		
	1-Methylnaphthalene	0.4	0.32	ug/L	80				0	0		
	2-Methylnaphthalene	0.4	0.35	ug/L	88				0	0		
	Acenaphthylene	0.4	0.34	ug/L	85				0	0		
	Acenaphthene	0.4	0.34	ug/L	85				0	0		
	Fluorene	0.4	0.33	ug/L	83				0	0		
	Pentachlorophenol	0.8	0.75	ug/L	94				0	0		
	Phenanthrene	0.4	0.32	ug/L	80				0	0		
	Anthracene	0.4	0.33	ug/L	83				0	0		
	Fluoranthene	0.4	0.33	ug/L	83				0	0		
	Pyrene	0.4	0.33	ug/L	83				0	0		
	Benzo(a)anthracene	0.4	0.35	ug/L	88				0	0		
	Chrysene	0.4	0.33	ug/L	83				0	0		
	Benzo(b)fluoranthene	0.4	0.33	ug/L	83				0	0		
	Benzo(k)fluoranthene	0.4	0.33	ug/L	83				0	0		
	Benzo(a)pyrene	0.4	0.38	ug/L	95				0	0		
	Indeno(1,2,3-cd)pyrene	0.4	0.35	ug/L	88				0	0		
	Dibenzo(a,h)anthracene	0.4	0.36	ug/L	90				0	0		
	Benzo(g,h,i)perylene	0.4	0.36	ug/L	90				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM070824

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB161734BS	1,4-Dioxane	2	1.1	ug/L	55				0	0		
	Naphthalene	0.4	0.33	ug/L	83				0	0		
	1-Methylnaphthalene	0.4	0.32	ug/L	80				0	0		
	2-Methylnaphthalene	0.4	0.34	ug/L	85				0	0		
	Acenaphthylene	0.4	0.32	ug/L	80				0	0		
	Acenaphthene	0.4	0.33	ug/L	83				0	0		
	Fluorene	0.4	0.33	ug/L	83				0	0		
	Pentachlorophenol	0.8	0.7	ug/L	88				0	0		
	Phenanthrene	0.4	0.32	ug/L	80				0	0		
	Anthracene	0.4	0.33	ug/L	83				0	0		
	Fluoranthene	0.4	0.37	ug/L	93				0	0		
	Pyrene	0.4	0.36	ug/L	90				0	0		
	Benzo(a)anthracene	0.4	0.34	ug/L	85				0	0		
	Chrysene	0.4	0.32	ug/L	80				0	0		
	Benzo(b)fluoranthene	0.4	0.33	ug/L	83				0	0		
	Benzo(k)fluoranthene	0.4	0.33	ug/L	83				0	0		
	Benzo(a)pyrene	0.4	0.38	ug/L	95				0	0		
	Indeno(1,2,3-cd)pyrene	0.4	0.36	ug/L	90				0	0		
	Dibenzo(a,h)anthracene	0.4	0.37	ug/L	93				0	0		
	Benzo(g,h,i)perylene	0.4	0.37	ug/L	93				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BM070824**

Client:

Analytical Method: **SFAM_SVOASIM**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB161747BS	1,4-Dioxane	2	1	ug/L	50				0	0		
	Naphthalene	0.4	0.31	ug/L	78				0	0		
	1-Methylnaphthalene	0.4	0.29	ug/L	73				0	0		
	2-Methylnaphthalene	0.4	0.31	ug/L	78				0	0		
	Acenaphthylene	0.4	0.29	ug/L	73				0	0		
	Acenaphthene	0.4	0.29	ug/L	73				0	0		
	Fluorene	0.4	0.29	ug/L	73				0	0		
	Pentachlorophenol	0.8	0.66	ug/L	83				0	0		
	Phenanthrene	0.4	0.29	ug/L	73				0	0		
	Anthracene	0.4	0.3	ug/L	75				0	0		
	Fluoranthene	0.4	0.29	ug/L	73				0	0		
	Pyrene	0.4	0.29	ug/L	73				0	0		
	Benzo(a)anthracene	0.4	0.32	ug/L	80				0	0		
	Chrysene	0.4	0.3	ug/L	75				0	0		
	Benzo(b)fluoranthene	0.4	0.3	ug/L	75				0	0		
	Benzo(k)fluoranthene	0.4	0.3	ug/L	75				0	0		
	Benzo(a)pyrene	0.4	0.35	ug/L	88				0	0		
	Indeno(1,2,3-cd)pyrene	0.4	0.35	ug/L	88				0	0		
	Dibenzo(a,h)anthracene	0.4	0.36	ug/L	90				0	0		
	Benzo(g,h,i)perylene	0.4	0.37	ug/L	93				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BM070824**

Client:

Analytical Method: **SFAM_SVOASIM**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB161757BS	1,4-Dioxane	2	1.2	ug/L	60				0	0	
	Naphthalene	0.4	0.34	ug/L	85				0	0	
	1-Methylnaphthalene	0.4	0.35	ug/L	88				0	0	
	2-Methylnaphthalene	0.4	0.36	ug/L	90				0	0	
	Acenaphthylene	0.4	0.31	ug/L	78				0	0	
	Acenaphthene	0.4	0.34	ug/L	85				0	0	
	Fluorene	0.4	0.34	ug/L	85				0	0	
	Pentachlorophenol	0.8	0.84	ug/L	105				0	0	
	Phenanthrene	0.4	0.33	ug/L	83				0	0	
	Anthracene	0.4	0.33	ug/L	83				0	0	
	Fluoranthene	0.4	0.31	ug/L	78				0	0	
	Pyrene	0.4	0.32	ug/L	80				0	0	
	Benzo(a)anthracene	0.4	0.34	ug/L	85				0	0	
	Chrysene	0.4	0.33	ug/L	83				0	0	
	Benzo(b)fluoranthene	0.4	0.33	ug/L	83				0	0	
	Benzo(k)fluoranthene	0.4	0.32	ug/L	80				0	0	
	Benzo(a)pyrene	0.4	0.37	ug/L	93				0	0	
	Indeno(1,2,3-cd)pyrene	0.4	0.38	ug/L	95				0	0	
	Dibenzo(a,h)anthracene	0.4	0.38	ug/L	95				0	0	
	Benzo(g,h,i)perylene	0.4	0.38	ug/L	95				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM070824

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB161779BS	1,4-Dioxane	2	1	ug/L	50				0	0	
	Naphthalene	0.4	0.3	ug/L	75				0	0	
	1-Methylnaphthalene	0.4	0.3	ug/L	75				0	0	
	2-Methylnaphthalene	0.4	0.32	ug/L	80				0	0	
	Acenaphthylene	0.4	0.26	ug/L	65				0	0	
	Acenaphthene	0.4	0.29	ug/L	73				0	0	
	Fluorene	0.4	0.29	ug/L	73				0	0	
	Pentachlorophenol	0.8	0.7	ug/L	88				0	0	
	Phenanthrene	0.4	0.29	ug/L	73				0	0	
	Anthracene	0.4	0.29	ug/L	73				0	0	
	Fluoranthene	0.4	0.33	ug/L	83				0	0	
	Pyrene	0.4	0.32	ug/L	80				0	0	
	Benzo(a)anthracene	0.4	0.3	ug/L	75				0	0	
	Chrysene	0.4	0.29	ug/L	73				0	0	
	Benzo(b)fluoranthene	0.4	0.3	ug/L	75				0	0	
	Benzo(k)fluoranthene	0.4	0.3	ug/L	75				0	0	
	Benzo(a)pyrene	0.4	0.33	ug/L	83				0	0	
	Indeno(1,2,3-cd)pyrene	0.4	0.34	ug/L	85				0	0	
	Dibenzo(a,h)anthracene	0.4	0.34	ug/L	85				0	0	
	Benzo(g,h,i)perylene	0.4	0.34	ug/L	85				0	0	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK653

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM070824

SAS No.: BM070824 SDG NO.: BM070824

Lab File ID: BM046445.D

Lab Sample ID: PB161653BL

Instrument ID: BNA_M

Date Extracted: 06/22/2024

Matrix: (soil/water) Solid

Date Analyzed: 07/08/2024

Level: (low/med) LOW

Time Analyzed: 20:41

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A4CS9	P2963-18	BM046436.D	07/08/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK728

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM070824

SAS No.: BM070824 SDG NO.: BM070824

Lab File ID: BM046430.D

Lab Sample ID: PB161728BL

Instrument ID: BNA_M

Date Extracted: 06/25/2024

Matrix: (soil/water) Water

Date Analyzed: 07/08/2024

Level: (low/med) LOW

Time Analyzed: 11:25

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB161728BS	PB161728BS	BM046460.D	07/09/2024
E1GM8	P3059-08	BM046486.D	07/09/2024
E1GM3	P3059-01	BM046464.D	07/09/2024
E1GM4	P3059-02	BM046465.D	07/09/2024
E1GM6	P3059-06	BM046476.D	07/09/2024
E1GM7	P3059-07	BM046477.D	07/09/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK734

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM070824

SAS No.: BM070824 SDG NO.: BM070824

Lab File ID: BM046462.D

Lab Sample ID: PB161734BL

Instrument ID: BNA_M

Date Extracted: 06/25/2024

Matrix: (soil/water) Water

Date Analyzed: 07/09/2024

Level: (low/med) LOW

Time Analyzed: 07:39

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB161734BS	PB161734BS	BM046487.D	07/09/2024
E1GM9	P3059-09	BM046466.D	07/09/2024
E1GN0	P3059-10	BM046467.D	07/09/2024
E1GN2	P3059-11	BM046468.D	07/09/2024
E1GN3	P3059-12	BM046469.D	07/09/2024
E1GN4	P3059-13	BM046470.D	07/09/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK747

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM070824

SAS No.: BM070824 SDG NO.: BM070824

Lab File ID: BM046463.D

Lab Sample ID: PB161747BL

Instrument ID: BNA_M

Date Extracted: 06/26/2024

Matrix: (soil/water) Water

Date Analyzed: 07/09/2024

Level: (low/med) LOW

Time Analyzed: 08:15

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB161747BS	PB161747BS	BM046488.D	07/10/2024
E1GN5	P3059-14	BM046471.D	07/09/2024
E1GP3	P3059-16	BM046472.D	07/09/2024
E1GP4	P3059-17	BM046473.D	07/09/2024
E1GP5	P3059-18	BM046474.D	07/09/2024
E1GP6	P3059-19	BM046475.D	07/09/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK757

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM070824

SAS No.: BM070824 SDG NO.: BM070824

Lab File ID: BM046479.D

Lab Sample ID: PB161757BL

Instrument ID: BNA_M

Date Extracted: 06/26/2024

Matrix: (soil/water) Water

Date Analyzed: 07/09/2024

Level: (low/med) LOW

Time Analyzed: 18:44

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB161757BS	PB161757BS	BM046480.D	07/09/2024
E1G74	P3084-01	BM046481.D	07/09/2024
E1G75	P3084-02	BM046482.D	07/09/2024
E1GE2	P3084-03	BM046483.D	07/09/2024
E1GE3	P3084-04	BM046484.D	07/09/2024
E1GC8	P3084-05	BM046485.D	07/09/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK779

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM070824

SAS No.: BM070824 SDG NO.: BM070824

Lab File ID: BM046494.D

Lab Sample ID: PB161779BL

Instrument ID: BNA_M

Date Extracted: 06/27/2024

Matrix: (soil/water) Water

Date Analyzed: 07/10/2024

Level: (low/med) LOW

Time Analyzed: 03:58

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB161779BS	PB161779BS	BM046495.D	07/10/2024
E1GN6	P3059-20	BM046489.D	07/10/2024
E1GN7	P3059-21	BM046490.D	07/10/2024
E1GC7	P3084-06	BM046491.D	07/10/2024
E1G89	P3084-07	BM046492.D	07/10/2024
E1GE4	P3084-08	BM046493.D	07/10/2024

COMMENTS: _____



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Surrogate Summary

SW-846

SDG No.: BM070824

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2963-18	A4CS9	BM046436.D	1,4-Dioxane-d8	8	2.57	32		15	120
			Fluoranthene-d10	0.4	0.32	81		30	130
			2-Methylnaphthalene-d10	0.4	0.27	67		20	140
P2963-18DL	A4CS9DL	BM046459.D	1,4-Dioxane-d8	8	2.95	37		15	120
			Fluoranthene-d10	0.4	0.28	70		30	130
			2-Methylnaphthalene-d10	0.4	0.29	71		20	140
PB161653BL	PB161653BL	BM046445.D	1,4-Dioxane-d8	8	3.92	49		15	120
			Fluoranthene-d10	0.4	0.35	88		30	130
			2-Methylnaphthalene-d10	0.4	0.34	86		20	140

Surrogate Summary

SW-846

SDG No.: **BM070824**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2982-01DL	A4CT2DL	BM046457.D	1,4-Dioxane-d8	8	2.15	27		15	120
			Fluoranthene-d10	0.4	0.19	46		30	130
			2-Methylnaphthalene-d10	0.4	0.21	51		20	140
P2982-06DL	A4CF0DL	BM046446.D	1,4-Dioxane-d8	8	1.91	24		15	120
			Fluoranthene-d10	0.4	0.21	51		30	130
			2-Methylnaphthalene-d10	0.4	0.20	49		20	140
P2982-07DL	A4CF2DL	BM046448.D	1,4-Dioxane-d8	8	2.34	29		15	120
			Fluoranthene-d10	0.4	0.28	69		30	130
			2-Methylnaphthalene-d10	0.4	0.26	64		20	140
P2982-09DL	A4CF5DL	BM046458.D	1,4-Dioxane-d8	8	2.72	34		15	120
			Fluoranthene-d10	0.4	0.25	61		30	130
			2-Methylnaphthalene-d10	0.4	0.25	61		20	140
P2982-10DL	A4CF6DL	BM046449.D	1,4-Dioxane-d8	8	2.95	37		15	120
			Fluoranthene-d10	0.4	0.36	89		30	130
			2-Methylnaphthalene-d10	0.4	0.30	75		20	140
P2982-11DL	A4CF7DL	BM046450.D	1,4-Dioxane-d8	8	2.52	31		15	120
			Fluoranthene-d10	0.4	0.28	70		30	130
			2-Methylnaphthalene-d10	0.4	0.26	65		20	140
P2982-13DL	A4CG0DL	BM046451.D	1,4-Dioxane-d8	8	2.07	26		15	120
			Fluoranthene-d10	0.4	0.22	54		30	130
			2-Methylnaphthalene-d10	0.4	0.21	51		20	140
P2982-17DL	A4BB8DL	BM046447.D	1,4-Dioxane-d8	8	2.56	32		15	120
			Fluoranthene-d10	0.4	0.26	64		30	130
			2-Methylnaphthalene-d10	0.4	0.25	63		20	140
P2982-21DL	A4BC4DL	BM046452.D	1,4-Dioxane-d8	8	3.00	38		15	120
			Fluoranthene-d10	0.4	0.35	88		30	130
			2-Methylnaphthalene-d10	0.4	0.34	85		20	140
P2982-22DL	A4BC5DL	BM046453.D	1,4-Dioxane-d8	8	2.51	31		15	120
			Fluoranthene-d10	0.4	0.24	59		30	130
			2-Methylnaphthalene-d10	0.4	0.24	60		20	140
P2982-23DL	A4BC7DL	BM046454.D	1,4-Dioxane-d8	8	2.57	32		15	120
			Fluoranthene-d10	0.4	0.26	65		30	130
			2-Methylnaphthalene-d10	0.4	0.26	64		20	140
P2982-25DL	A4CT8DL	BM046455.D	1,4-Dioxane-d8	8	2.43	30		15	120
			Fluoranthene-d10	0.4	0.26	65		30	130
			2-Methylnaphthalene-d10	0.4	0.25	63		20	140
P2982-26DL	A4CT9DL	BM046456.D	1,4-Dioxane-d8	8	2.85	36		15	120
			Fluoranthene-d10	0.4	0.27	68		30	130
			2-Methylnaphthalene-d10	0.4	0.27	66		20	140

Surrogate Summary

SW-846

SDG No.: **BM070824**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3010-01DL	A4CG2DL	BM046438.D	1,4-Dioxane-d8	8	2.42	30		15	120
			Fluoranthene-d10	0.4	0.28	69		30	130
			2-Methylnaphthalene-d10	0.4	0.24	60		20	140
P3010-06DL	A4CW0DL	BM046432.D	1,4-Dioxane-d8	8	2.30	29		15	120
			Fluoranthene-d10	0.4	0.23	57		30	130
			2-Methylnaphthalene-d10	0.4	0.21	51		20	140
P3010-07DL	A4CW1DL	BM046443.D	1,4-Dioxane-d8	8	2.54	32		15	120
			Fluoranthene-d10	0.4	0.28	70		30	130
			2-Methylnaphthalene-d10	0.4	0.27	66		20	140
P3010-08DL	A4CW3DL	BM046440.D	1,4-Dioxane-d8	8	2.03	25		15	120
			Fluoranthene-d10	0.4	0.25	61		30	130
			2-Methylnaphthalene-d10	0.4	0.22	55		20	140
P3010-10DL	A4CW6DL	BM046441.D	1,4-Dioxane-d8	8	2.98	37		15	120
			Fluoranthene-d10	0.4	0.33	81		30	130
			2-Methylnaphthalene-d10	0.4	0.31	77		20	140
P3010-12DL	A4B65DL	BM046435.D	1,4-Dioxane-d8	8	2.24	28		15	120
			Fluoranthene-d10	0.4	0.23	56		30	130
			2-Methylnaphthalene-d10	0.4	0.21	52		20	140
P3010-13DL	A4B66DL	BM046433.D	1,4-Dioxane-d8	8	2.37	30		15	120
			Fluoranthene-d10	0.4	0.27	66		30	130
			2-Methylnaphthalene-d10	0.4	0.24	60		20	140
P3010-15DL	A4B68DL	BM046434.D	1,4-Dioxane-d8	8	2.61	33		15	120
			Fluoranthene-d10	0.4	0.28	69		30	130
			2-Methylnaphthalene-d10	0.4	0.24	60		20	140
P3010-16DL	A4B69DL	BM046431.D	1,4-Dioxane-d8	8	2.78	35		15	120
			Fluoranthene-d10	0.4	0.27	66		30	130
			2-Methylnaphthalene-d10	0.4	0.25	61		20	140
P3010-17DL	A4B98DL	BM046437.D	1,4-Dioxane-d8	8	2.50	31		15	120
			Fluoranthene-d10	0.4	0.32	79		30	130
			2-Methylnaphthalene-d10	0.4	0.26	64		20	140
P3010-21DL	A4BD0DL	BM046442.D	1,4-Dioxane-d8	8	2.50	31		15	120
			Fluoranthene-d10	0.4	0.32	79		30	130
			2-Methylnaphthalene-d10	0.4	0.27	66		20	140
P3010-24DL	A4CW5DL	BM046439.D	1,4-Dioxane-d8	8	2.08	26		15	120
			Fluoranthene-d10	0.4	0.31	77		30	130
			2-Methylnaphthalene-d10	0.4	0.25	63		20	140

Surrogate Summary

SW-846

SDG No.: **BM070824**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
				(PPM)	(PPM)			Low	High
P3059-01	E1GM3	BM046464.D	1,4-Dioxane-d8	8	3.58	45		15	120
			Fluoranthene-d10	0.4	0.42	104		30	130
			2-Methylnaphthalene-d10	0.4	0.40	100		30	130
P3059-02	E1GM4	BM046465.D	1,4-Dioxane-d8	8	3.03	38		15	120
			Fluoranthene-d10	0.4	0.39	98		30	130
			2-Methylnaphthalene-d10	0.4	0.38	94		30	130
P3059-06	E1GM6	BM046476.D	1,4-Dioxane-d8	8	2.95	37		15	120
			Fluoranthene-d10	0.4	0.33	83		30	130
			2-Methylnaphthalene-d10	0.4	0.35	88		30	130
P3059-07	E1GM7	BM046477.D	1,4-Dioxane-d8	8	3.35	42		15	120
			Fluoranthene-d10	0.4	0.29	73		30	130
			2-Methylnaphthalene-d10	0.4	0.32	80		30	130
P3059-08	E1GM8	BM046486.D	1,4-Dioxane-d8	8	3.68	46		15	120
			Fluoranthene-d10	0.4	0.35	88		30	130
			2-Methylnaphthalene-d10	0.4	0.38	95		30	130
PB161728BL	PB161728BL	BM046430.D	1,4-Dioxane-d8	8	3.45	43		15	120
			Fluoranthene-d10	0.4	0.30	75		30	130
			2-Methylnaphthalene-d10	0.4	0.28	70		30	130
PB161728BS	PB161728BS	BM046460.D	1,4-Dioxane-d8	0.8	0.56	70		15	120
			Fluoranthene-d10	0.4	0.38	94		30	130
			2-Methylnaphthalene-d10	0.4	0.40	100		30	130

Surrogate Summary

SW-846

SDG No.: **BM070824**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
				(PPM)	(PPM)			Low	High
P3059-09	E1GM9	BM046466.D	1,4-Dioxane-d8	8	3.14	39		15	120
			Fluoranthene-d10	0.4	0.39	97		30	130
			2-Methylnaphthalene-d10	0.4	0.38	94		30	130
P3059-10	E1GN0	BM046467.D	1,4-Dioxane-d8	8	3.22	40		15	120
			Fluoranthene-d10	0.4	0.36	91		30	130
			2-Methylnaphthalene-d10	0.4	0.36	90		30	130
P3059-11	E1GN2	BM046468.D	1,4-Dioxane-d8	8	3.08	39		15	120
			Fluoranthene-d10	0.4	0.34	86		30	130
			2-Methylnaphthalene-d10	0.4	0.34	86		30	130
P3059-12	E1GN3	BM046469.D	1,4-Dioxane-d8	8	2.66	33		15	120
			Fluoranthene-d10	0.4	0.38	96		30	130
			2-Methylnaphthalene-d10	0.4	0.37	93		30	130
P3059-13	E1GN4	BM046470.D	1,4-Dioxane-d8	8	3.08	38		15	120
			Fluoranthene-d10	0.4	0.38	94		30	130
			2-Methylnaphthalene-d10	0.4	0.34	85		30	130
PB161734BL	PB161734BL	BM046462.D	1,4-Dioxane-d8	8	4.36	54		15	120
			Fluoranthene-d10	0.4	0.33	83		30	130
			2-Methylnaphthalene-d10	0.4	0.35	86		30	130
PB161734BS	PB161734BS	BM046487.D	1,4-Dioxane-d8	0.8	0.58	72		15	120
			Fluoranthene-d10	0.4	0.43	107		30	130
			2-Methylnaphthalene-d10	0.4	0.41	102		30	130

Surrogate Summary

SW-846

SDG No.: **BM070824**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
				(PPM)	(PPM)			Low	High
P3059-14	E1GN5	BM046471.D	1,4-Dioxane-d8	8	3.08	38		15	120
			Fluoranthene-d10	0.4	0.33	83		30	130
			2-Methylnaphthalene-d10	0.4	0.28	71		30	130
P3059-16	E1GP3	BM046472.D	1,4-Dioxane-d8	8	2.81	35		15	120
			Fluoranthene-d10	0.4	0.39	96		30	130
			2-Methylnaphthalene-d10	0.4	0.36	90		30	130
P3059-17	E1GP4	BM046473.D	1,4-Dioxane-d8	8	2.41	30		15	120
			Fluoranthene-d10	0.4	0.37	94		30	130
			2-Methylnaphthalene-d10	0.4	0.34	86		30	130
P3059-18	E1GP5	BM046474.D	1,4-Dioxane-d8	8	3.21	40		15	120
			Fluoranthene-d10	0.4	0.46	114		30	130
			2-Methylnaphthalene-d10	0.4	0.44	111		30	130
P3059-19	E1GP6	BM046475.D	1,4-Dioxane-d8	8	3.39	42		15	120
			Fluoranthene-d10	0.4	0.40	100		30	130
			2-Methylnaphthalene-d10	0.4	0.40	100		30	130
PB161747BL	PB161747BL	BM046463.D	1,4-Dioxane-d8	8	4.42	55		15	120
			Fluoranthene-d10	0.4	0.32	81		30	130
			2-Methylnaphthalene-d10	0.4	0.34	86		30	130
PB161747BS	PB161747BS	BM046488.D	1,4-Dioxane-d8	0.8	0.55	69		15	120
			Fluoranthene-d10	0.4	0.34	85		30	130
			2-Methylnaphthalene-d10	0.4	0.37	92		30	130

Surrogate Summary

SW-846

SDG No.: **BM070824**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3084-01	E1G74	BM046481.D	1,4-Dioxane-d8	8	3.32	41		15	120
			Fluoranthene-d10	0.4	0.37	92		30	130
			2-Methylnaphthalene-d10	0.4	0.37	93		30	130
P3084-02	E1G75	BM046482.D	1,4-Dioxane-d8	8	3.00	37		15	120
			Fluoranthene-d10	0.4	0.32	79		30	130
			2-Methylnaphthalene-d10	0.4	0.35	88		30	130
P3084-03	E1GE2	BM046483.D	1,4-Dioxane-d8	8	1.55	19		15	120
			Fluoranthene-d10	0.4	0.18	45		30	130
			2-Methylnaphthalene-d10	0.4	0.18	46		30	130
P3084-04	E1GE3	BM046484.D	1,4-Dioxane-d8	8	3.67	46		15	120
			Fluoranthene-d10	0.4	0.39	96		30	130
			2-Methylnaphthalene-d10	0.4	0.44	110		30	130
P3084-05	E1GC8	BM046485.D	1,4-Dioxane-d8	8	3.30	41		15	120
			Fluoranthene-d10	0.4	0.39	97		30	130
			2-Methylnaphthalene-d10	0.4	0.41	101		30	130
PB161757BL	PB161757BL	BM046479.D	1,4-Dioxane-d8	8	3.62	45		15	120
			Fluoranthene-d10	0.4	0.27	67		30	130
			2-Methylnaphthalene-d10	0.4	0.28	71		30	130
PB161757BS	PB161757BS	BM046480.D	1,4-Dioxane-d8	0.8	0.52	65		15	120
			Fluoranthene-d10	0.4	0.36	89		30	130
			2-Methylnaphthalene-d10	0.4	0.41	103		30	130

Surrogate Summary

SW-846

SDG No.: **BM070824**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
				(PPM)	(PPM)			Low	High
P3059-20	E1GN6	BM046489.D	1,4-Dioxane-d8	8	3.53	44		15	120
			Fluoranthene-d10	0.4	0.40	100		30	130
			2-Methylnaphthalene-d10	0.4	0.36	91		30	130
P3059-21	E1GN7	BM046490.D	1,4-Dioxane-d8	8	3.96	49		15	120
			Fluoranthene-d10	0.4	0.38	96		30	130
			2-Methylnaphthalene-d10	0.4	0.41	102		30	130
P3084-06	E1GC7	BM046491.D	1,4-Dioxane-d8	8	3.43	43		15	120
			Fluoranthene-d10	0.4	0.38	94		30	130
			2-Methylnaphthalene-d10	0.4	0.42	105		30	130
P3084-07	E1G89	BM046492.D	1,4-Dioxane-d8	8	3.17	40		15	120
			Fluoranthene-d10	0.4	0.24	60		30	130
			2-Methylnaphthalene-d10	0.4	0.29	72		30	130
P3084-08	E1GE4	BM046493.D	1,4-Dioxane-d8	8	3.63	45		15	120
			Fluoranthene-d10	0.4	0.38	95		30	130
			2-Methylnaphthalene-d10	0.4	0.40	99		30	130
PB161779BL	PB161779BL	BM046494.D	1,4-Dioxane-d8	8	3.61	45		15	120
			Fluoranthene-d10	0.4	0.25	63		30	130
			2-Methylnaphthalene-d10	0.4	0.27	67		30	130
PB161779BS	PB161779BS	BM046495.D	1,4-Dioxane-d8	0.8	0.44	55		15	120
			Fluoranthene-d10	0.4	0.37	93		30	130
			2-Methylnaphthalene-d10	0.4	0.36	89		30	130

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM070824

Lab Code: CHEM

SAS No.: BM070824 SDG NO.: BM070824

Lab File ID: BM046428.D

DFTPP Injection Date: 07/08/2024

Instrument ID: BNA_M

DFTPP Injection Time: 10:06

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	33.5
68	Less than 2.0% of mass 69	0.7 (1.7) 1
69	Mass 69 relative abundance	38.3
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	44.6
197	Less than 2.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	29.5
365	Greater than 1% of mass 198	4
441	Present, but less than mass 443	9.2
442	Greater than 50% of mass 198	59.7
443	15.0 - 24.0% of mass 442	11.9 (19.9) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTD0.4155	SSTDCCC0.4	BM046429.D	07/08/2024	10:48
SBLK728	PB161728BL	BM046430.D	07/08/2024	11:25
A4B69DL	P3010-16DL	BM046431.D	07/08/2024	12:07
A4CW0DL	P3010-06DL	BM046432.D	07/08/2024	12:43
A4B66DL	P3010-13DL	BM046433.D	07/08/2024	13:20
A4B68DL	P3010-15DL	BM046434.D	07/08/2024	13:56
A4B65DL	P3010-12DL	BM046435.D	07/08/2024	14:33
A4CS9	P2963-18	BM046436.D	07/08/2024	15:10
A4B98DL	P3010-17DL	BM046437.D	07/08/2024	15:46
A4CG2DL	P3010-01DL	BM046438.D	07/08/2024	16:23
A4CW5DL	P3010-24DL	BM046439.D	07/08/2024	17:00
A4CW3DL	P3010-08DL	BM046440.D	07/08/2024	17:37
A4CW6DL	P3010-10DL	BM046441.D	07/08/2024	18:14
A4BD0DL	P3010-21DL	BM046442.D	07/08/2024	18:51
A4CW1DL	P3010-07DL	BM046443.D	07/08/2024	19:28
SSTD0.4156	SSTDCCC0.4	BM046444.D	07/08/2024	20:04
SBLK653	PB161653BL	BM046445.D	07/08/2024	20:41
A4CF0DL	P2982-06DL	BM046446.D	07/08/2024	21:18

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM070824

Lab Code: CHEM

SAS No.: BM070824

SDG NO.: BM070824

Lab File ID: BM046428.D

DFTPP Injection Date: 07/08/2024

Instrument ID: BNA_M

DFTPP Injection Time: 10:06

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	33.5
68	Less than 2.0% of mass 69	0.7 (1.7) 1
69	Mass 69 relative abundance	38.3
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	44.6
197	Less than 2.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	29.5
365	Greater than 1% of mass 198	4
441	Present, but less than mass 443	9.2
442	Greater than 50% of mass 198	59.7
443	15.0 - 24.0% of mass 442	11.9 (19.9) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
A4BB8DL	P2982-17DL	BM046447.D	07/08/2024	21:55
A4CF2DL	P2982-07DL	BM046448.D	07/08/2024	22:31
A4CF6DL	P2982-10DL	BM046449.D	07/08/2024	23:08
A4CF7DL	P2982-11DL	BM046450.D	07/08/2024	23:45
A4CG0DL	P2982-13DL	BM046451.D	07/09/2024	00:21
A4BC4DL	P2982-21DL	BM046452.D	07/09/2024	00:58
A4BC5DL	P2982-22DL	BM046453.D	07/09/2024	01:34
A4BC7DL	P2982-23DL	BM046454.D	07/09/2024	02:11
A4CT8DL	P2982-25DL	BM046455.D	07/09/2024	02:47
A4CT9DL	P2982-26DL	BM046456.D	07/09/2024	03:24
A4CT2DL	P2982-01DL	BM046457.D	07/09/2024	04:00
A4CF5DL	P2982-09DL	BM046458.D	07/09/2024	04:37
A4CS9DL	P2963-18DL	BM046459.D	07/09/2024	05:13
SLCS728	PB161728BS	BM046460.D	07/09/2024	05:50
SSTD0.4157	SSTDCCC0.4	BM046461.D	07/09/2024	07:03
SBLK734	PB161734BL	BM046462.D	07/09/2024	07:39
SBLK747	PB161747BL	BM046463.D	07/09/2024	08:15
E1GM3	P3059-01	BM046464.D	07/09/2024	08:52

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM070824

Lab Code: CHEM

SAS No.: BM070824

SDG NO.: BM070824

Lab File ID: BM046428.D

DFTPP Injection Date: 07/08/2024

Instrument ID: BNA_M

DFTPP Injection Time: 10:06

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	33.5
68	Less than 2.0% of mass 69	0.7 (1.7) 1
69	Mass 69 relative abundance	38.3
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	44.6
197	Less than 2.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	29.5
365	Greater than 1% of mass 198	4
441	Present, but less than mass 443	9.2
442	Greater than 50% of mass 198	59.7
443	15.0 - 24.0% of mass 442	11.9 (19.9) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
E1GM4	P3059-02	BM046465.D	07/09/2024	09:29
E1GM9	P3059-09	BM046466.D	07/09/2024	10:05
E1GN0	P3059-10	BM046467.D	07/09/2024	10:42
E1GN2	P3059-11	BM046468.D	07/09/2024	11:19
E1GN3	P3059-12	BM046469.D	07/09/2024	11:56
E1GN4	P3059-13	BM046470.D	07/09/2024	12:33
E1GN5	P3059-14	BM046471.D	07/09/2024	13:10
E1GP3	P3059-16	BM046472.D	07/09/2024	13:47
E1GP4	P3059-17	BM046473.D	07/09/2024	14:24
E1GP5	P3059-18	BM046474.D	07/09/2024	15:01
E1GP6	P3059-19	BM046475.D	07/09/2024	15:38
E1GM6	P3059-06	BM046476.D	07/09/2024	16:15
E1GM7	P3059-07	BM046477.D	07/09/2024	16:52
SSTD0.4158	SSTDCCC0.4	BM046478.D	07/09/2024	18:07
SBLK757	PB161757BL	BM046479.D	07/09/2024	18:44
SLCS757	PB161757BS	BM046480.D	07/09/2024	19:21
E1G74	P3084-01	BM046481.D	07/09/2024	19:58
E1G75	P3084-02	BM046482.D	07/09/2024	20:35

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM070824

Lab Code: CHEM

SAS No.: BM070824

SDG NO.: BM070824

Lab File ID: BM046428.D

DFTPP Injection Date: 07/08/2024

Instrument ID: BNA_M

DFTPP Injection Time: 10:06

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	33.5
68	Less than 2.0% of mass 69	0.7 (1.7) 1
69	Mass 69 relative abundance	38.3
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	44.6
197	Less than 2.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	29.5
365	Greater than 1% of mass 198	4
441	Present, but less than mass 443	9.2
442	Greater than 50% of mass 198	59.7
443	15.0 - 24.0% of mass 442	11.9 (19.9) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
E1GE2	P3084-03	BM046483.D	07/09/2024	21:13
E1GE3	P3084-04	BM046484.D	07/09/2024	21:49
E1GC8	P3084-05	BM046485.D	07/09/2024	22:27
E1GM8	P3059-08	BM046486.D	07/09/2024	23:03
SLCS734	PB161734BS	BM046487.D	07/09/2024	23:40
SLCS747	PB161747BS	BM046488.D	07/10/2024	00:17
E1GN6	P3059-20	BM046489.D	07/10/2024	00:54
E1GN7	P3059-21	BM046490.D	07/10/2024	01:31
E1GC7	P3084-06	BM046491.D	07/10/2024	02:08
E1G89	P3084-07	BM046492.D	07/10/2024	02:44
E1GE4	P3084-08	BM046493.D	07/10/2024	03:21
SBLK779	PB161779BL	BM046494.D	07/10/2024	03:58
SLCS779	PB161779BS	BM046495.D	07/10/2024	04:34
SSTD0.4159	SSTDCCC0.4EC	BM046496.D	07/10/2024	05:47

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM070824

Lab Code: CHEM

SAS No.: BM070824

SDG NO.: BM070824

Lab File ID: BM046428.D

DFTPP Injection Date: 07/08/2024

Instrument ID: BNA_M

DFTPP Injection Time: 10:06

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	33.5
68	Less than 2.0% of mass 69	0.7 (1.7) 1
69	Mass 69 relative abundance	38.3
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	44.6
197	Less than 2.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	29.5
365	Greater than 1% of mass 198	4
441	Present, but less than mass 443	9.2
442	Greater than 50% of mass 198	59.7
443	15.0 - 24.0% of mass 442	11.9 (19.9) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTD0.4155	SSTDCCC0.4	BM046429.D	07/08/2024	10:48
SBLK728	PB161728BL	BM046430.D	07/08/2024	11:25
A4B69DL	P3010-16DL	BM046431.D	07/08/2024	12:07
A4CW0DL	P3010-06DL	BM046432.D	07/08/2024	12:43
A4B66DL	P3010-13DL	BM046433.D	07/08/2024	13:20
A4B68DL	P3010-15DL	BM046434.D	07/08/2024	13:56
A4B65DL	P3010-12DL	BM046435.D	07/08/2024	14:33
A4CS9	P2963-18	BM046436.D	07/08/2024	15:10
A4B98DL	P3010-17DL	BM046437.D	07/08/2024	15:46
A4CG2DL	P3010-01DL	BM046438.D	07/08/2024	16:23
A4CW5DL	P3010-24DL	BM046439.D	07/08/2024	17:00
A4CW3DL	P3010-08DL	BM046440.D	07/08/2024	17:37
A4CW6DL	P3010-10DL	BM046441.D	07/08/2024	18:14
A4BD0DL	P3010-21DL	BM046442.D	07/08/2024	18:51
A4CW1DL	P3010-07DL	BM046443.D	07/08/2024	19:28
SSTD0.4156	SSTDCCC0.4	BM046444.D	07/08/2024	20:04
SBLK653	PB161653BL	BM046445.D	07/08/2024	20:41
A4CF0DL	P2982-06DL	BM046446.D	07/08/2024	21:18

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM070824

Lab Code: CHEM

SAS No.: BM070824

SDG NO.: BM070824

Lab File ID: BM046428.D

DFTPP Injection Date: 07/08/2024

Instrument ID: BNA_M

DFTPP Injection Time: 10:06

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	33.5
68	Less than 2.0% of mass 69	0.7 (1.7) 1
69	Mass 69 relative abundance	38.3
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	44.6
197	Less than 2.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	29.5
365	Greater than 1% of mass 198	4
441	Present, but less than mass 443	9.2
442	Greater than 50% of mass 198	59.7
443	15.0 - 24.0% of mass 442	11.9 (19.9) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
A4BB8DL	P2982-17DL	BM046447.D	07/08/2024	21:55
A4CF2DL	P2982-07DL	BM046448.D	07/08/2024	22:31
A4CF6DL	P2982-10DL	BM046449.D	07/08/2024	23:08
A4CF7DL	P2982-11DL	BM046450.D	07/08/2024	23:45
A4CG0DL	P2982-13DL	BM046451.D	07/09/2024	00:21
A4BC4DL	P2982-21DL	BM046452.D	07/09/2024	00:58
A4BC5DL	P2982-22DL	BM046453.D	07/09/2024	01:34
A4BC7DL	P2982-23DL	BM046454.D	07/09/2024	02:11
A4CT8DL	P2982-25DL	BM046455.D	07/09/2024	02:47
A4CT9DL	P2982-26DL	BM046456.D	07/09/2024	03:24
A4CT2DL	P2982-01DL	BM046457.D	07/09/2024	04:00
A4CF5DL	P2982-09DL	BM046458.D	07/09/2024	04:37
A4CS9DL	P2963-18DL	BM046459.D	07/09/2024	05:13
SLCS728	PB161728BS	BM046460.D	07/09/2024	05:50
SSTD0.4157	SSTDCCC0.4	BM046461.D	07/09/2024	07:03
SBLK734	PB161734BL	BM046462.D	07/09/2024	07:39
SBLK747	PB161747BL	BM046463.D	07/09/2024	08:15
E1GM3	P3059-01	BM046464.D	07/09/2024	08:52

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM070824

Lab Code: CHEM

SAS No.: BM070824 SDG NO.: BM070824

Lab File ID: BM046428.D

DFTPP Injection Date: 07/08/2024

Instrument ID: BNA_M

DFTPP Injection Time: 10:06

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	33.5
68	Less than 2.0% of mass 69	0.7 (1.7) 1
69	Mass 69 relative abundance	38.3
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	44.6
197	Less than 2.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	29.5
365	Greater than 1% of mass 198	4
441	Present, but less than mass 443	9.2
442	Greater than 50% of mass 198	59.7
443	15.0 - 24.0% of mass 442	11.9 (19.9) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
E1GM4	P3059-02	BM046465.D	07/09/2024	09:29
E1GM9	P3059-09	BM046466.D	07/09/2024	10:05
E1GN0	P3059-10	BM046467.D	07/09/2024	10:42
E1GN2	P3059-11	BM046468.D	07/09/2024	11:19
E1GN3	P3059-12	BM046469.D	07/09/2024	11:56
E1GN4	P3059-13	BM046470.D	07/09/2024	12:33
E1GN5	P3059-14	BM046471.D	07/09/2024	13:10
E1GP3	P3059-16	BM046472.D	07/09/2024	13:47
E1GP4	P3059-17	BM046473.D	07/09/2024	14:24
E1GP5	P3059-18	BM046474.D	07/09/2024	15:01
E1GP6	P3059-19	BM046475.D	07/09/2024	15:38
E1GM6	P3059-06	BM046476.D	07/09/2024	16:15
E1GM7	P3059-07	BM046477.D	07/09/2024	16:52
SSTD0.4158	SSTDCCC0.4	BM046478.D	07/09/2024	18:07
SBLK757	PB161757BL	BM046479.D	07/09/2024	18:44
SLCS757	PB161757BS	BM046480.D	07/09/2024	19:21
E1G74	P3084-01	BM046481.D	07/09/2024	19:58
E1G75	P3084-02	BM046482.D	07/09/2024	20:35

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM070824

Lab Code: CHEM

SAS No.: BM070824 SDG NO.: BM070824

Lab File ID: BM046428.D

DFTPP Injection Date: 07/08/2024

Instrument ID: BNA_M

DFTPP Injection Time: 10:06

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	33.5
68	Less than 2.0% of mass 69	0.7 (1.7) 1
69	Mass 69 relative abundance	38.3
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	44.6
197	Less than 2.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	29.5
365	Greater than 1% of mass 198	4
441	Present, but less than mass 443	9.2
442	Greater than 50% of mass 198	59.7
443	15.0 - 24.0% of mass 442	11.9 (19.9) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
E1GE2	P3084-03	BM046483.D	07/09/2024	21:13
E1GE3	P3084-04	BM046484.D	07/09/2024	21:49
E1GC8	P3084-05	BM046485.D	07/09/2024	22:27
E1GM8	P3059-08	BM046486.D	07/09/2024	23:03
SLCS734	PB161734BS	BM046487.D	07/09/2024	23:40
SLCS747	PB161747BS	BM046488.D	07/10/2024	00:17
E1GN6	P3059-20	BM046489.D	07/10/2024	00:54
E1GN7	P3059-21	BM046490.D	07/10/2024	01:31
E1GC7	P3084-06	BM046491.D	07/10/2024	02:08
E1G89	P3084-07	BM046492.D	07/10/2024	02:44
E1GE4	P3084-08	BM046493.D	07/10/2024	03:21
SBLK779	PB161779BL	BM046494.D	07/10/2024	03:58
SLCS779	PB161779BS	BM046495.D	07/10/2024	04:34
SSTD0.4159	SSTDCCC0.4EC	BM046496.D	07/10/2024	05:47