

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BM040424 SAS No.: BM040424 SDG No.: BM040424
Instrument ID: BNA_M Calibration Date/Time: 4/4/2024 12:08:43
Lab File ID: BM044904.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD0.4060 Init. Calib. Time(s): _____
GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.504	0.532	0.010	5.6707	40.0
1,4-Dioxane-d8	0.525	0.539	0.010	2.6135	40.0
Naphthalene	1.061	1.093	0.600	3.0	30.0
1-Methylnaphthalene	0.692	0.718	0.300	3.7801	30.0
2-Methylnaphthalene	0.634	0.656	0.300	3.5694	30.0
Acenaphthylene	1.996	2.014	0.900	0.8938	30.0
Acenaphthene	1.429	1.481	0.500	3.6591	30.0
Fluorene	1.601	1.652	0.700	3.1366	30.0
Pentachlorophenol	0.094	0.092	0.010	-2.0229	50.0
Phenanthrene	1.126	1.137	0.300	0.9214	30.0
Anthracene	1.109	1.135	0.400	2.2881	30.0
Fluoranthene	1.429	1.516	0.400	6.0525	30.0
Pyrene	1.509	1.608	0.500	6.5543	30.0
Benzo (a) anthracene	1.392	1.469	0.400	5.4932	30.0
Chrysene	1.738	1.762	0.400	1.3914	30.0
Benzo (b) fluoranthene	1.445	1.456	0.200	0.7904	30.0
Benzo (k) fluoranthene	1.618	1.650	0.200	1.9985	30.0
Benzo (a) pyrene	1.379	1.425	0.200	3.3368	30.0
Indeno (1,2,3-cd) pyrene	1.891	1.959	0.200	3.6457	30.0
Dibenzo (a,h) anthracene	1.497	1.540	0.200	2.827	30.0
Benzo (g,h,i) perylene	1.630	1.664	0.200	2.0551	30.0
Fluoranthene-d10	1.011	1.089	0.400	7.7633	30.0
2-Methylnaphthalene-d10	0.542	0.564	0.300	3.9711	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.: BM040424 SAS No.: BM040424 SDG No.: BM040424
Instrument ID: BNA_M Calibration Date/Time: 4/4/2024 12:19:37
Lab File ID: BM044921.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD0.4061 Init. Calib. Time(s): _____
GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.504	0.480	0.010	-4.6159	40.0
1,4-Dioxane-d8	0.525	0.460	0.010	-12.4554	40.0
Naphthalene	1.061	1.103	0.600	3.9448	30.0
1-Methylnaphthalene	0.692	0.735	0.300	6.1975	30.0
2-Methylnaphthalene	0.634	0.675	0.300	6.4833	30.0
Acenaphthylene	1.996	2.145	0.900	7.489	30.0
Acenaphthene	1.429	1.472	0.500	3.0642	30.0
Fluorene	1.601	1.566	0.700	-2.2463	30.0
Pentachlorophenol	0.094	0.107	0.010	14.0205	50.0
Phenanthrene	1.126	1.147	0.300	1.8426	30.0
Anthracene	1.109	1.151	0.400	3.81	30.0
Fluoranthene	1.429	1.593	0.400	11.4666	30.0
Pyrene	1.509	1.689	0.500	11.9042	30.0
Benzo (a) anthracene	1.392	1.564	0.400	12.2982	30.0
Chrysene	1.738	1.698	0.400	-2.286	30.0
Benzo (b) fluoranthene	1.445	1.415	0.200	-2.0521	30.0
Benzo (k) fluoranthene	1.618	1.484	0.200	-8.2743	30.0
Benzo (a) pyrene	1.379	1.371	0.200	-0.5847	30.0
Indeno (1,2,3-cd) pyrene	1.891	1.837	0.200	-2.8163	30.0
Dibenzo (a,h) anthracene	1.497	1.457	0.200	-2.6562	30.0
Benzo (g,h,i) perylene	1.630	1.498	0.200	-8.1004	30.0
Fluoranthene-d10	1.011	1.163	0.400	15.0324	30.0
2-Methylnaphthalene-d10	0.542	0.576	0.300	6.248	30.0

All other compounds must meet a minimum RRF of 0.010.

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM040424 SAS No.: BM040424 SDG No.: BM040424

Instrument ID: BNA_M Calibration Date/Time: 4/5/2024 12:05:50

Lab File ID: BM044937.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4062 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.504	0.511	0.010	1.5109	40.0
1,4-Dioxane-d8	0.525	0.517	0.010	-1.6139	40.0
Naphthalene	1.061	1.057	0.600	-0.3776	30.0
1-Methylnaphthalene	0.692	0.712	0.300	2.8153	30.0
2-Methylnaphthalene	0.634	0.652	0.300	2.9117	30.0
Acenaphthylene	1.996	1.994	0.900	-0.0985	30.0
Acenaphthene	1.429	1.432	0.500	0.208	30.0
Fluorene	1.601	1.625	0.700	1.4981	30.0
Pentachlorophenol	0.094	0.098	0.010	4.3118	50.0
Phenanthrene	1.126	1.137	0.300	0.9325	30.0
Anthracene	1.109	1.106	0.400	-0.2874	30.0
Fluoranthene	1.429	1.531	0.400	7.1449	30.0
Pyrene	1.509	1.610	0.500	6.6704	30.0
Benzo (a) anthracene	1.392	1.460	0.400	4.814	30.0
Chrysene	1.738	1.668	0.400	-4.0325	30.0
Benzo (b) fluoranthene	1.445	1.400	0.200	-3.061	30.0
Benzo (k) fluoranthene	1.618	1.512	0.200	-6.5442	30.0
Benzo (a) pyrene	1.379	1.337	0.200	-3.0725	30.0
Indeno (1,2,3-cd) pyrene	1.891	1.781	0.200	-5.7827	30.0
Dibenzo (a,h) anthracene	1.497	1.411	0.200	-5.7751	30.0
Benzo (g,h,i) perylene	1.630	1.509	0.200	-7.4358	30.0
Fluoranthene-d10	1.011	1.123	0.400	11.1511	30.0
2-Methylnaphthalene-d10	0.542	0.554	0.300	2.1911	30.0

All other compounds must meet a minimum RRF of 0.010.

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BM040424 SAS No.: BM040424 SDG No.: BM040424
Instrument ID: BNA_M Calibration Date/Time: 4/5/2024 12:15:32
Lab File ID: BM044950.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD0.4063 Init. Calib. Time(s): _____
GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.504	0.512	0.010	1.6015	40.0
1,4-Dioxane-d8	0.525	0.537	0.010	2.2396	40.0
Naphthalene	1.061	1.082	0.600	1.9133	30.0
1-Methylnaphthalene	0.692	0.696	0.300	0.5922	30.0
2-Methylnaphthalene	0.634	0.636	0.300	0.3532	30.0
Acenaphthylene	1.996	2.014	0.900	0.9105	30.0
Acenaphthene	1.429	1.447	0.500	1.3236	30.0
Fluorene	1.601	1.605	0.700	0.2347	30.0
Pentachlorophenol	0.094	0.099	0.010	5.185	50.0
Phenanthrene	1.126	1.114	0.300	-1.056	30.0
Anthracene	1.109	1.099	0.400	-0.8869	30.0
Fluoranthene	1.429	1.458	0.400	1.979	30.0
Pyrene	1.509	1.547	0.500	2.5052	30.0
Benzo (a) anthracene	1.392	1.467	0.400	5.3594	30.0
Chrysene	1.738	1.667	0.400	-4.0778	30.0
Benzo (b) fluoranthene	1.445	1.400	0.200	-3.0858	30.0
Benzo (k) fluoranthene	1.618	1.521	0.200	-5.9825	30.0
Benzo (a) pyrene	1.379	1.359	0.200	-1.4864	30.0
Indeno (1,2,3-cd) pyrene	1.891	1.837	0.200	-2.8441	30.0
Dibenzo (a,h) anthracene	1.497	1.454	0.200	-2.8932	30.0
Benzo (g,h,i) perylene	1.630	1.536	0.200	-5.7568	30.0
Fluoranthene-d10	1.011	1.054	0.400	4.2653	30.0
2-Methylnaphthalene-d10	0.542	0.542	0.300	0.0079	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.: BM040424 SAS No.: BM040424 SDG No.: BM040424
Instrument ID: BNA_M Calibration Date/Time: 4/5/2024 12:17:20
Lab File ID: BM044953.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD0.4064 Init. Calib. Time(s): _____
GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.504	0.535	0.010	6.1586	50.0
1,4-Dioxane-d8	0.525	0.531	0.010	1.1233	50.0
Naphthalene	1.061	1.094	0.600	3.1076	50.0
1-Methylnaphthalene	0.692	0.717	0.300	3.6051	50.0
2-Methylnaphthalene	0.634	0.656	0.300	3.5139	50.0
Acenaphthylene	1.996	2.032	0.900	1.8119	50.0
Acenaphthene	1.429	1.472	0.500	3.0696	50.0
Fluorene	1.601	1.637	0.700	2.2042	50.0
Pentachlorophenol	0.094	0.098	0.010	4.3257	50.0
Phenanthrene	1.126	1.122	0.300	-0.3466	50.0
Anthracene	1.109	1.106	0.400	-0.3155	50.0
Fluoranthene	1.429	1.523	0.400	6.5463	50.0
Pyrene	1.509	1.620	0.500	7.2929	50.0
Benzo (a) anthracene	1.392	1.488	0.400	6.893	50.0
Chrysene	1.738	1.704	0.400	-1.9452	50.0
Benzo (b) fluoranthene	1.445	1.415	0.200	-2.0404	50.0
Benzo (k) fluoranthene	1.618	1.577	0.200	-2.5266	50.0
Benzo (a) pyrene	1.379	1.393	0.200	0.9728	50.0
Indeno (1,2,3-cd) pyrene	1.891	1.843	0.200	-2.5191	50.0
Dibenzo (a,h) anthracene	1.497	1.452	0.200	-3.0319	50.0
Benzo (g,h,i) perylene	1.630	1.540	0.200	-5.5485	50.0
Fluoranthene-d10	1.011	1.110	0.400	9.7793	50.0
2-Methylnaphthalene-d10	0.542	0.554	0.300	2.2228	50.0

All other compounds must meet a minimum RRF of 0.010.

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BM040424 SAS No.: BM040424 SDG No.: BM040424
Instrument ID: BNA_M Calibration Date/Time: 4/3/2024 12:21:51
Lab File ID: BM044902.D Init. Calib. Date(s): _____
EPA Sample No.: SICV028 Init. Calib. Time(s): _____
GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFICV	MIN RRF	%D	MAX%D
1,4-Dioxane	0.504	0.431	0.010	-14.507	40.0
1,4-Dioxane-d8	0.525	0.488	0.010	-7.1851	40.0
Naphthalene	1.061	1.126	0.600	6.0686	30.0
1-Methylnaphthalene	0.692	0.668	0.300	-3.5195	30.0
2-Methylnaphthalene	0.634	0.703	0.300	10.9937	30.0
Acenaphthylene	1.996	2.083	0.900	4.3625	30.0
Acenaphthene	1.429	1.468	0.500	2.7778	30.0
Fluorene	1.601	1.701	0.700	6.2108	30.0
Pentachlorophenol	0.094	0.087	0.010	-7.5958	50.0
Phenanthrene	1.126	1.170	0.300	3.8829	30.0
Anthracene	1.109	1.125	0.400	1.4552	30.0
Fluoranthene	1.429	1.467	0.400	2.658	30.0
Pyrene	1.509	1.562	0.500	3.4802	30.0
Benzo (a) anthracene	1.392	1.481	0.400	6.349	30.0
Chrysene	1.738	1.754	0.400	0.9252	30.0
Benzo (b) fluoranthene	1.445	1.469	0.200	1.7213	30.0
Benzo (k) fluoranthene	1.618	1.666	0.200	3.0006	30.0
Benzo (a) pyrene	1.379	1.421	0.200	3.0097	30.0
Indeno (1,2,3-cd) pyrene	1.891	1.987	0.200	5.1062	30.0
Dibenzo (a,h) anthracene	1.497	1.549	0.200	3.4647	30.0
Benzo (g,h,i) perylene	1.630	1.622	0.200	-0.5284	30.0
Fluoranthene-d10	1.011	1.020	0.400	0.9366	30.0
2-Methylnaphthalene-d10	0.542	0.547	0.300	0.8856	30.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	4/2/2024 12:00:00 AM
Project:		Date Received:	4/2/2024 12:00:00 AM
Client Sample ID:	SBLK946	SDG No.:	BM040424
Lab Sample ID:	PB159946BL	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
BM044905.D	1	4/2/2024 12:00:00 AM	4/4/2024 12:00:00 AM	PB159946

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	5.641		15-120		71	SPK: -8
93951-69-0	Fluoranthene-d10	0.333		30-130		83	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.308		30-130		77	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1872		7.648			
1146-65-2	Naphthalene-d8	5884		10.418			
15067-26-2	Acenaphthene-d10	3282		14.297			

Report of Analysis

Client:		Date Collected:	4/2/2024 12:00:00 AM
Project:		Date Received:	4/2/2024 12:00:00 AM
Client Sample ID:	SBLK946	SDG No.:	BM040424
Lab Sample ID:	PB159946BL	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
BM044905.D	1	4/2/2024 12:00:00 AM	4/4/2024 12:00:00 AM	PB159946

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	7767	17.051				
1719-03-5	Chrysene-d12	7289	21.284				
1520-96-3	Perylene-d12	7044	23.499				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/2/2024 12:00:00 AM
Project:		Date Received:	4/2/2024 12:00:00 AM
Client Sample ID:	SBLK948	SDG No.:	BM040424
Lab Sample ID:	PB159948BL	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
BM044906.D	1	4/2/2024 12:00:00 AM	4/4/2024 12:00:00 AM	PB159948

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	5.395		15-120		67	SPK: -8
93951-69-0	Fluoranthene-d10	0.324		30-130		81	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.298		30-130		75	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1992		7.648			
1146-65-2	Naphthalene-d8	6306		10.419			
15067-26-2	Acenaphthene-d10	3472		14.298			

Report of Analysis

Client:		Date Collected:	4/2/2024 12:00:00 AM
Project:		Date Received:	4/2/2024 12:00:00 AM
Client Sample ID:	SBLK948	SDG No.:	BM040424
Lab Sample ID:	PB159948BL	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
BM044906.D	1	4/2/2024 12:00:00 AM	4/4/2024 12:00:00 AM	PB159948

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	7753	17.052				
1719-03-5	Chrysene-d12	6763	21.286				
1520-96-3	Perylene-d12	6106	23.502				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/1/2024 12:00:00 AM
Project:		Date Received:	4/1/2024 12:00:00 AM
Client Sample ID:	C0AH3	SDG No.:	BM040424
Lab Sample ID:	P1948-01	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	990 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
BM044907.D	1	4/2/2024 12:00:00 AM	4/4/2024 12:00:00 AM	PB159946

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.58		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	4.061		15-120		51	SPK: -8
93951-69-0	Fluoranthene-d10	0.335		30-130		84	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.318		30-130		79	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1676		7.648			
1146-65-2	Naphthalene-d8	5084		10.424			
15067-26-2	Acenaphthene-d10	2851		14.298			

Report of Analysis

Client:		Date Collected:	4/1/2024 12:00:00 AM
Project:		Date Received:	4/1/2024 12:00:00 AM
Client Sample ID:	C0AH3	SDG No.:	BM040424
Lab Sample ID:	P1948-01	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
BM044907.D	1	4/2/2024 12:00:00 AM	4/4/2024 12:00:00 AM	PB159946

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	6651	17.056				
1719-03-5	Chrysene-d12	6453	21.28				
1520-96-3	Perylene-d12	5967	23.505				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/1/2024 12:00:00 AM
Project:		Date Received:	4/1/2024 12:00:00 AM
Client Sample ID:	C0AH4	SDG No.:	BM040424
Lab Sample ID:	P1948-02	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
BM044908.D	1	4/2/2024 12:00:00 AM	4/4/2024 12:00:00 AM	PB159946

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.1		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	4.316		15-120		54	SPK: -8
93951-69-0	Fluoranthene-d10	0.453		30-130		113	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.367		30-130		92	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1714		7.648			
1146-65-2	Naphthalene-d8	5346		10.419			
15067-26-2	Acenaphthene-d10	3082		14.298			

Report of Analysis

Client:		Date Collected:	4/1/2024 12:00:00 AM
Project:		Date Received:	4/1/2024 12:00:00 AM
Client Sample ID:	C0AH4	SDG No.:	BM040424
Lab Sample ID:	P1948-02	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
BM044908.D	1	4/2/2024 12:00:00 AM	4/4/2024 12:00:00 AM	PB159946

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	7438	17.052				
1719-03-5	Chrysene-d12	7171	21.272				
1520-96-3	Perylene-d12	6704	23.499				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/1/2024 12:00:00 AM
Project:		Date Received:	4/1/2024 12:00:00 AM
Client Sample ID:	C0AH5	SDG No.:	BM040424
Lab Sample ID:	P1948-03	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
BM044909.D	1	4/2/2024 12:00:00 AM	4/4/2024 12:00:00 AM	PB159946

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	0.0043	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	3.921		15-120		49	SPK: -8
93951-69-0	Fluoranthene-d10	0.448		30-130		112	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.346		30-130		86	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1792		7.648			
1146-65-2	Naphthalene-d8	5480		10.418			
15067-26-2	Acenaphthene-d10	3053		14.297			

Report of Analysis

Client:		Date Collected:	4/1/2024 12:00:00 AM
Project:		Date Received:	4/1/2024 12:00:00 AM
Client Sample ID:	C0AH5	SDG No.:	BM040424
Lab Sample ID:	P1948-03	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
BM044909.D	1	4/2/2024 12:00:00 AM	4/4/2024 12:00:00 AM	PB159946

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	6806	17.051				
1719-03-5	Chrysene-d12	6285	21.275				
1520-96-3	Perylene-d12	5677	23.499				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/1/2024 12:00:00 AM
Project:		Date Received:	4/1/2024 12:00:00 AM
Client Sample ID:	C0AH6	SDG No.:	BM040424
Lab Sample ID:	P1948-04	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
BM044910.D	1	4/2/2024 12:00:00 AM	4/4/2024 12:00:00 AM	PB159946

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2		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	4.249		15-120		53	SPK: -8
93951-69-0	Fluoranthene-d10	0.424		30-130		106	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.367		30-130		92	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1765		7.648			
1146-65-2	Naphthalene-d8	5431		10.418			
15067-26-2	Acenaphthene-d10	3120		14.297			

Report of Analysis

Client:		Date Collected:	4/1/2024 12:00:00 AM
Project:		Date Received:	4/1/2024 12:00:00 AM
Client Sample ID:	C0AH6	SDG No.:	BM040424
Lab Sample ID:	P1948-04	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
BM044910.D	1	4/2/2024 12:00:00 AM	4/4/2024 12:00:00 AM	PB159946

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	7341	17.051				
1719-03-5	Chrysene-d12	7052	21.275				
1520-96-3	Perylene-d12	6623	23.496				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/1/2024 12:00:00 AM
Project:		Date Received:	4/1/2024 12:00:00 AM
Client Sample ID:	C0AH7	SDG No.:	BM040424
Lab Sample ID:	P1948-05	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
BM044911.D	1	4/2/2024 12:00:00 AM	4/4/2024 12:00:00 AM	PB159946

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.57		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	4.427		15-120		55	SPK: -8
93951-69-0	Fluoranthene-d10	0.45		30-130		113	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	1678		7.648			
1146-65-2	Naphthalene-d8	5162		10.424			
15067-26-2	Acenaphthene-d10	2849		14.293			

Report of Analysis

Client:		Date Collected:	4/1/2024 12:00:00 AM
Project:		Date Received:	4/1/2024 12:00:00 AM
Client Sample ID:	C0AH7	SDG No.:	BM040424
Lab Sample ID:	P1948-05	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
BM044911.D	1	4/2/2024 12:00:00 AM	4/4/2024 12:00:00 AM	PB159946

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	6564	17.052				
1719-03-5	Chrysene-d12	6078	21.278				
1520-96-3	Perylene-d12	5524	23.499				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	3/28/2024 12:00:00 AM
Project:		Date Received:	3/28/2024 12:00:00 AM
Client Sample ID:	SBLK840	SDG No.:	BM040424
Lab Sample ID:	PB159840BL	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
BM044912.D	1	3/28/2024 12:00:00 AM	4/4/2024 12:00:00 AM	PB159840

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.89	U	0.89	0	6.6	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	4.712		15-120		59	SPK: -8
93951-69-0	Fluoranthene-d10	0.274		30-130		68	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.258		20-140		64	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1990		7.648			
1146-65-2	Naphthalene-d8	5998		10.418			
15067-26-2	Acenaphthene-d10	3317		14.293			

Report of Analysis

Client:		Date Collected:	3/28/2024 12:00:00 AM
Project:		Date Received:	3/28/2024 12:00:00 AM
Client Sample ID:	SBLK840	SDG No.:	BM040424
Lab Sample ID:	PB159840BL	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
BM044912.D	1	3/28/2024 12:00:00 AM	4/4/2024 12:00:00 AM	PB159840

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	7661	17.051				
1719-03-5	Chrysene-d12	7042	21.284				
1520-96-3	Perylene-d12	6752	23.496				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.89	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	3/20/2024 12:00:00 AM
Project:		Date Received:	3/20/2024 12:00:00 AM
Client Sample ID:	E0LY5	SDG No.:	BM040424
Lab Sample ID:	P1849-01	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	18.5
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
BM044913.D	1	3/28/2024 12:00:00 AM	4/4/2024 12:00:00 AM	PB159840

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.1	U	1.1	0	8.1	ug/Kg
91-20-3	Naphthalene	0.25	U	0.25	1	4	ug/Kg
90-12-0	1-Methylnaphthalene	0.64	U	0.64	1	4	ug/Kg
91-57-6	2-Methylnaphthalene	0.23	U	0.23	1	4	ug/Kg
208-96-8	Acenaphthylene	0.4	U	0.4	1	4	ug/Kg
83-32-9	Acenaphthene	0.22	U	0.22	1	4	ug/Kg
86-73-7	Fluorene	0.27	U	0.27	1	4	ug/Kg
87-86-5	Pentachlorophenol	2.5	U	2.5	2.1	8.2	ug/Kg
85-01-8	Phenanthrene	0.22	U	0.22	1	4	ug/Kg
120-12-7	Anthracene	0.21	U	0.21	1	4	ug/Kg
206-44-0	Fluoranthene	0.22	U	0.22	1	4	ug/Kg
129-00-0	Pyrene	0.29	U	0.29	1	4	ug/Kg
56-55-3	Benzo(a)anthracene	0.11	U	0.11	1	4	ug/Kg
218-01-9	Chrysene	0.31	U	0.31	1	4	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.58	U	0.58	1	4	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.39	U	0.39	1	4	ug/Kg
50-32-8	Benzo(a)pyrene	0.39	U	0.39	1	4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.64	U	0.64	1	4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.58	U	0.58	1	4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	0.92	U	0.92	1	4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.32		15-120		29	SPK: -8
93951-69-0	Fluoranthene-d10	0.26		30-130		65	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	2578		7.648			
1146-65-2	Naphthalene-d8	8148		10.419			
15067-26-2	Acenaphthene-d10	4683		14.294			

Report of Analysis

Client:		Date Collected:	3/20/2024 12:00:00 AM
Project:		Date Received:	3/20/2024 12:00:00 AM
Client Sample ID:	E0LY5	SDG No.:	BM040424
Lab Sample ID:	P1849-01	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	18.5
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
BM044913.D	1	3/28/2024 12:00:00 AM	4/4/2024 12:00:00 AM	PB159840

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11059	17.052				
1719-03-5	Chrysene-d12	9222	21.262				
1520-96-3	Perylene-d12	10917	23.492				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	3/20/2024 12:00:00 AM
Project:		Date Received:	3/20/2024 12:00:00 AM
Client Sample ID:	E0LY5MS	SDG No.:	BM040424
Lab Sample ID:	P1849-02MS	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	18.5
Sample Wt/Vol:	30.08 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
BM044914.D	1	3/28/2024 12:00:00 AM	4/4/2024 12:00:00 AM	PB159840

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	20		1.1	0	8.1	ug/Kg
91-20-3	Naphthalene	59		0.24	1	4	ug/Kg
90-12-0	1-Methylnaphthalene	180	E	0.64	1	4	ug/Kg
91-57-6	2-Methylnaphthalene	260	E	0.23	1	4	ug/Kg
208-96-8	Acenaphthylene	13		0.4	1	4	ug/Kg
83-32-9	Acenaphthene	140	E	0.22	1	4	ug/Kg
86-73-7	Fluorene	170	E	0.27	1	4	ug/Kg
87-86-5	Pentachlorophenol	14		2.4	2	8.2	ug/Kg
85-01-8	Phenanthrene	1600	E	0.22	1	4	ug/Kg
120-12-7	Anthracene	340	E	0.21	1	4	ug/Kg
206-44-0	Fluoranthene	2200	E	0.22	1	4	ug/Kg
129-00-0	Pyrene	1600	E	0.29	1	4	ug/Kg
56-55-3	Benzo(a)anthracene	750	E	0.11	1	4	ug/Kg
218-01-9	Chrysene	580	E	0.31	1	4	ug/Kg
205-99-2	Benzo(b)fluoranthene	620	E	0.58	1	4	ug/Kg
207-08-9	Benzo(k)fluoranthene	200	E	0.39	1	4	ug/Kg
50-32-8	Benzo(a)pyrene	390	E	0.39	1	4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	210	E	0.64	1	4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	70	E	0.58	1	4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	220	E	0.92	1	4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.178		15-120		22	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.222		30-130		56	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.156		20-140		39	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2545		7.648			
1146-65-2	Naphthalene-d8	8256		10.424			
15067-26-2	Acenaphthene-d10	4907		14.293			

Report of Analysis

Client:		Date Collected:	3/20/2024 12:00:00 AM
Project:		Date Received:	3/20/2024 12:00:00 AM
Client Sample ID:	E0LY5MS	SDG No.:	BM040424
Lab Sample ID:	P1849-02MS	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	18.5
Sample Wt/Vol:	30.08 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
BM044914.D	1	3/28/2024 12:00:00 AM	4/4/2024 12:00:00 AM	PB159840

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10530	17.052				
1719-03-5	Chrysene-d12	7825	21.263				
1520-96-3	Perylene-d12	11084	23.493				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	3/20/2024 12:00:00 AM
Project:		Date Received:	3/20/2024 12:00:00 AM
Client Sample ID:	E0LY5MSD	SDG No.:	BM040424
Lab Sample ID:	P1849-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	18.5
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
BM044915.D	1	3/28/2024 12:00:00 AM	4/4/2024 12:00:00 AM	PB159840

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	21		1.1	0	8.1	ug/Kg
91-20-3	Naphthalene	59		0.24	1	4	ug/Kg
90-12-0	1-Methylnaphthalene	180	E	0.64	1	4	ug/Kg
91-57-6	2-Methylnaphthalene	260	E	0.23	1	4	ug/Kg
208-96-8	Acenaphthylene	13		0.4	1	4	ug/Kg
83-32-9	Acenaphthene	140	E	0.22	1	4	ug/Kg
86-73-7	Fluorene	170	E	0.27	1	4	ug/Kg
87-86-5	Pentachlorophenol	13		2.4	2	8.2	ug/Kg
85-01-8	Phenanthrene	1600	E	0.22	1	4	ug/Kg
120-12-7	Anthracene	350	E	0.21	1	4	ug/Kg
206-44-0	Fluoranthene	2000	E	0.22	1	4	ug/Kg
129-00-0	Pyrene	1500	E	0.29	1	4	ug/Kg
56-55-3	Benzo(a)anthracene	690	E	0.11	1	4	ug/Kg
218-01-9	Chrysene	530	E	0.31	1	4	ug/Kg
205-99-2	Benzo(b)fluoranthene	620	E	0.57	1	4	ug/Kg
207-08-9	Benzo(k)fluoranthene	200	E	0.39	1	4	ug/Kg
50-32-8	Benzo(a)pyrene	390	E	0.39	1	4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	210	E	0.64	1	4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	71	E	0.57	1	4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	220	E	0.92	1	4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.194		15-120		24	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.21		30-130		52	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.159		20-140		40	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2524		7.652			
1146-65-2	Naphthalene-d8	8183		10.424			
15067-26-2	Acenaphthene-d10	4847		14.294			

Report of Analysis

Client:		Date Collected:	3/20/2024 12:00:00 AM
Project:		Date Received:	3/20/2024 12:00:00 AM
Client Sample ID:	E0LY5MSD	SDG No.:	BM040424
Lab Sample ID:	P1849-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	18.5
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
BM044915.D	1	3/28/2024 12:00:00 AM	4/4/2024 12:00:00 AM	PB159840

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10012	17.052				
1719-03-5	Chrysene-d12	7918	21.262				
1520-96-3	Perylene-d12	10253	23.495				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	3/20/2024 12:00:00 AM
Project:		Date Received:	3/20/2024 12:00:00 AM
Client Sample ID:	E0LY8	SDG No.:	BM040424
Lab Sample ID:	P1849-04	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	39.1
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
BM044916.D	1	3/28/2024 12:00:00 AM	4/4/2024 12:00:00 AM	PB159840

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.5	U	1.5	0	11	ug/Kg
91-20-3	Naphthalene	0.33	U	0.33	1.4	5.4	ug/Kg
90-12-0	1-Methylnaphthalene	0.85	U	0.85	1.4	5.4	ug/Kg
91-57-6	2-Methylnaphthalene	0.31	U	0.31	1.4	5.4	ug/Kg
208-96-8	Acenaphthylene	0.54	U	0.54	1.4	5.4	ug/Kg
83-32-9	Acenaphthene	0.29	U	0.29	1.4	5.4	ug/Kg
86-73-7	Fluorene	0.36	U	0.36	1.4	5.4	ug/Kg
87-86-5	Pentachlorophenol	3.3	U	3.3	2.7	11	ug/Kg
85-01-8	Phenanthrene	0.29	U	0.29	1.4	5.4	ug/Kg
120-12-7	Anthracene	0.28	U	0.28	1.4	5.4	ug/Kg
206-44-0	Fluoranthene	0.29	U	0.29	1.4	5.4	ug/Kg
129-00-0	Pyrene	0.39	U	0.39	1.4	5.4	ug/Kg
56-55-3	Benzo(a)anthracene	0.15	U	0.15	1.4	5.4	ug/Kg
218-01-9	Chrysene	0.41	U	0.41	1.4	5.4	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.77	U	0.77	1.4	5.4	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.52	U	0.52	1.4	5.4	ug/Kg
50-32-8	Benzo(a)pyrene	0.52	U	0.52	1.4	5.4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.85	U	0.85	1.4	5.4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.77	U	0.77	1.4	5.4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	1.4	5.4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.39		15-120		30	SPK: -8
93951-69-0	Fluoranthene-d10	0.232		30-130		58	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.188		20-140		47	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3121		7.648			
1146-65-2	Naphthalene-d8	10061		10.424			
15067-26-2	Acenaphthene-d10	5426		14.297			

Report of Analysis

Client:		Date Collected:	3/20/2024 12:00:00 AM
Project:		Date Received:	3/20/2024 12:00:00 AM
Client Sample ID:	E0LY8	SDG No.:	BM040424
Lab Sample ID:	P1849-04	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	39.1
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
BM044916.D	1	3/28/2024 12:00:00 AM	4/4/2024 12:00:00 AM	PB159840

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11896	17.056				
1719-03-5	Chrysene-d12	9847	21.263				
1520-96-3	Perylene-d12	12227	23.496				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.5	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	3/20/2024 12:00:00 AM
Project:		Date Received:	3/20/2024 12:00:00 AM
Client Sample ID:	E0LY9	SDG No.:	BM040424
Lab Sample ID:	P1849-05	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	43.8
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
BM044917.D	1	3/28/2024 12:00:00 AM	4/4/2024 12:00:00 AM	PB159840

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.6	U	1.6	0	12	ug/Kg
91-20-3	Naphthalene	0.36	U	0.36	1.5	5.9	ug/Kg
90-12-0	1-Methylnaphthalene	0.93	U	0.93	1.5	5.9	ug/Kg
91-57-6	2-Methylnaphthalene	0.34	U	0.34	1.5	5.9	ug/Kg
208-96-8	Acenaphthylene	0.59	U	0.59	1.5	5.9	ug/Kg
83-32-9	Acenaphthene	0.32	U	0.32	1.5	5.9	ug/Kg
86-73-7	Fluorene	0.39	U	0.39	1.5	5.9	ug/Kg
87-86-5	Pentachlorophenol	3.6	U	3.6	3	12	ug/Kg
85-01-8	Phenanthrene	0.32	U	0.32	1.5	5.9	ug/Kg
120-12-7	Anthracene	0.3	U	0.3	1.5	5.9	ug/Kg
206-44-0	Fluoranthene	0.32	U	0.32	1.5	5.9	ug/Kg
129-00-0	Pyrene	0.43	U	0.43	1.5	5.9	ug/Kg
56-55-3	Benzo(a)anthracene	0.17	U	0.17	1.5	5.9	ug/Kg
218-01-9	Chrysene	0.44	U	0.44	1.5	5.9	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.84	U	0.84	1.5	5.9	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.57	U	0.57	1.5	5.9	ug/Kg
50-32-8	Benzo(a)pyrene	0.57	U	0.57	1.5	5.9	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.93	U	0.93	1.5	5.9	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.84	U	0.84	1.5	5.9	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1.3	U	1.3	1.5	5.9	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.987		15-120		37	SPK: -8
93951-69-0	Fluoranthene-d10	0.295		30-130		74	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.235		20-140		59	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2435		7.648			
1146-65-2	Naphthalene-d8	8010		10.424			
15067-26-2	Acenaphthene-d10	4348		14.294			

Report of Analysis

Client:		Date Collected:	3/20/2024 12:00:00 AM
Project:		Date Received:	3/20/2024 12:00:00 AM
Client Sample ID:	E0LY9	SDG No.:	BM040424
Lab Sample ID:	P1849-05	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	43.8
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
BM044917.D	1	3/28/2024 12:00:00 AM	4/4/2024 12:00:00 AM	PB159840

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	9172	17.057				
1719-03-5	Chrysene-d12	7527	21.265				
1520-96-3	Perylene-d12	9947	23.498				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.6	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	4/2/2024 12:00:00 AM
Project:		Date Received:	4/2/2024 12:00:00 AM
Client Sample ID:	SLCS946	SDG No.:	BM040424
Lab Sample ID:	PB159946BS	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
BM044918.D	1	4/2/2024 12:00:00 AM	4/4/2024 12:00:00 AM	PB159946

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.8		0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.38		0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.38		0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.39		0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.41		0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.38		0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.37		0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.94		0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.4		0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.42		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.44		0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.44		0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.43		0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.38		0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.37		0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.36		0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.39		0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.37		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	0.35		0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.618		15-120		77	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.419		30-130		105	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.371		30-130		93	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2305	7.652				
1146-65-2	Naphthalene-d8	7759	10.43				
15067-26-2	Acenaphthene-d10	4065	14.298				

Report of Analysis

Client:		Date Collected:	4/2/2024 12:00:00 AM
Project:		Date Received:	4/2/2024 12:00:00 AM
Client Sample ID:	SLCS946	SDG No.:	BM040424
Lab Sample ID:	PB159946BS	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
BM044918.D	1	4/2/2024 12:00:00 AM	4/4/2024 12:00:00 AM	PB159946

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	8054	17.061				
1719-03-5	Chrysene-d12	7473	21.268				
1520-96-3	Perylene-d12	9290	23.498				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/2/2024 12:00:00 AM
Project:		Date Received:	4/2/2024 12:00:00 AM
Client Sample ID:	SLCS948	SDG No.:	BM040424
Lab Sample ID:	PB159948BS	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
BM044919.D	1	4/2/2024 12:00:00 AM	4/4/2024 12:00:00 AM	PB159948

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.8		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	0.37		0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.38		0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.39		0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.38		0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.36		0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.93		0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.39		0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.4		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.41		0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.42		0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.43		0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.37		0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.36		0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.36		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	0.34		0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.606		15-120		76	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.399		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	2440	7.652				
1146-65-2	Naphthalene-d8	8362	10.429				
15067-26-2	Acenaphthene-d10	4377	14.297				

Report of Analysis

Client:		Date Collected:	4/2/2024 12:00:00 AM
Project:		Date Received:	4/2/2024 12:00:00 AM
Client Sample ID:	SLCS948	SDG No.:	BM040424
Lab Sample ID:	PB159948BS	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
BM044919.D	1	4/2/2024 12:00:00 AM	4/4/2024 12:00:00 AM	PB159948

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	8659	17.06				
1719-03-5	Chrysene-d12	8123	21.266				
1520-96-3	Perylene-d12	10201	23.499				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	3/28/2024 12:00:00 AM
Project:		Date Received:	3/28/2024 12:00:00 AM
Client Sample ID:	SLCS840	SDG No.:	BM040424
Lab Sample ID:	PB159840BS	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
BM044920.D	1	3/28/2024 12:00:00 AM	4/4/2024 12:00:00 AM	PB159840

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.89	U	0.89	0	6.6	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	0	U	15-120		0	SPK: -0.8
93951-69-0	Fluoranthene-d10	0	U	30-130		0	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0	U	20-140		0	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	0	0				
1146-65-2	Naphthalene-d8	0	0				
15067-26-2	Acenaphthene-d10	0	0				

Report of Analysis

Client:		Date Collected:	3/28/2024 12:00:00 AM
Project:		Date Received:	3/28/2024 12:00:00 AM
Client Sample ID:	SLCS840	SDG No.:	BM040424
Lab Sample ID:	PB159840BS	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
BM044920.D	1	3/28/2024 12:00:00 AM	4/4/2024 12:00:00 AM	PB159840

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	0	0				
1719-03-5	Chrysene-d12	0	0				
1520-96-3	Perylene-d12	0	0				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.89	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	4/3/2024 12:00:00 AM
Project:		Date Received:	4/3/2024 12:00:00 AM
Client Sample ID:	SBLK988	SDG No.:	BM040424
Lab Sample ID:	PB159988BL	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
BM044922.D	1	4/3/2024 12:00:00 AM	4/4/2024 12:00:00 AM	PB159988

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	5.31		15-120		66	SPK: -8
93951-69-0	Fluoranthene-d10	0.355		30-130		89	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.303		30-130		76	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2882		7.648			
1146-65-2	Naphthalene-d8	9416		10.418			
15067-26-2	Acenaphthene-d10	4827		14.297			

Report of Analysis

Client:		Date Collected:	4/3/2024 12:00:00 AM
Project:		Date Received:	4/3/2024 12:00:00 AM
Client Sample ID:	SBLK988	SDG No.:	BM040424
Lab Sample ID:	PB159988BL	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
BM044922.D	1	4/3/2024 12:00:00 AM	4/4/2024 12:00:00 AM	PB159988

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10073	17.051				
1719-03-5	Chrysene-d12	8100	21.272				
1520-96-3	Perylene-d12	9027	23.496				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/3/2024 12:00:00 AM
Project:		Date Received:	4/3/2024 12:00:00 AM
Client Sample ID:	SBLK990	SDG No.:	BM040424
Lab Sample ID:	PB159990BL	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
BM044923.D	1	4/3/2024 12:00:00 AM	4/4/2024 12:00:00 AM	PB159990

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	6.368		15-120		80	SPK: -8
93951-69-0	Fluoranthene-d10	0.381		30-130		95	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	1877		7.648			
1146-65-2	Naphthalene-d8	5739		10.419			
15067-26-2	Acenaphthene-d10	2938		14.294			

Report of Analysis

Client:		Date Collected:	4/3/2024 12:00:00 AM
Project:		Date Received:	4/3/2024 12:00:00 AM
Client Sample ID:	SBLK990	SDG No.:	BM040424
Lab Sample ID:	PB159990BL	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
BM044923.D	1	4/3/2024 12:00:00 AM	4/4/2024 12:00:00 AM	PB159990

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	6468	17.052				
1719-03-5	Chrysene-d12	5536	21.274				
1520-96-3	Perylene-d12	6163	23.495				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/2/2024 12:00:00 AM
Project:		Date Received:	4/2/2024 12:00:00 AM
Client Sample ID:	C0AJ0	SDG No.:	BM040424
Lab Sample ID:	P1948-12	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
BM044924.D	1	4/3/2024 12:00:00 AM	4/4/2024 12:00:00 AM	PB159988

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	24	E	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	4.36		15-120		55	SPK: -8
93951-69-0	Fluoranthene-d10	0.352		30-130		88	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.255		30-130		64	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2157		7.648			
1146-65-2	Naphthalene-d8	6566		10.419			
15067-26-2	Acenaphthene-d10	3572		14.293			

Report of Analysis

Client:		Date Collected:	4/2/2024 12:00:00 AM
Project:		Date Received:	4/2/2024 12:00:00 AM
Client Sample ID:	C0AJ0	SDG No.:	BM040424
Lab Sample ID:	P1948-12	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
BM044924.D	1	4/3/2024 12:00:00 AM	4/4/2024 12:00:00 AM	PB159988

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	8082	17.052				
1719-03-5	Chrysene-d12	7423	21.263				
1520-96-3	Perylene-d12	8290	23.493				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/2/2024 12:00:00 AM
Project:		Date Received:	4/2/2024 12:00:00 AM
Client Sample ID:	C0AJ1	SDG No.:	BM040424
Lab Sample ID:	P1948-13	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	990 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
BM044925.D	1	4/3/2024 12:00:00 AM	4/4/2024 12:00:00 AM	PB159988

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	11	E	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	3.758		15-120		47	SPK: -8
93951-69-0	Fluoranthene-d10	0.342		30-130		86	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.267		30-130		67	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2235		7.648			
1146-65-2	Naphthalene-d8	6730		10.418			
15067-26-2	Acenaphthene-d10	3529		14.294			

Report of Analysis

Client:		Date Collected:	4/2/2024 12:00:00 AM
Project:		Date Received:	4/2/2024 12:00:00 AM
Client Sample ID:	C0AJ1	SDG No.:	BM040424
Lab Sample ID:	P1948-13	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
BM044925.D	1	4/3/2024 12:00:00 AM	4/4/2024 12:00:00 AM	PB159988

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	7644	17.052				
1719-03-5	Chrysene-d12	6797	21.265				
1520-96-3	Perylene-d12	7602	23.492				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/2/2024 12:00:00 AM
Project:		Date Received:	4/2/2024 12:00:00 AM
Client Sample ID:	C0AJ2	SDG No.:	BM040424
Lab Sample ID:	P1948-14	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
BM044926.D	1	4/3/2024 12:00:00 AM	4/4/2024 12:00:00 AM	PB159988

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	7.8	E	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	4.244		15-120		53	SPK: -8
93951-69-0	Fluoranthene-d10	0.465		30-130		116	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.365		30-130		91	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2041	7.648				
1146-65-2	Naphthalene-d8	6526	10.419				
15067-26-2	Acenaphthene-d10	3606	14.293				

Report of Analysis

Client:		Date Collected:	4/2/2024 12:00:00 AM
Project:		Date Received:	4/2/2024 12:00:00 AM
Client Sample ID:	C0AJ2	SDG No.:	BM040424
Lab Sample ID:	P1948-14	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
BM044926.D	1	4/3/2024 12:00:00 AM	4/4/2024 12:00:00 AM	PB159988

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	8220	17.052				
1719-03-5	Chrysene-d12	7475	21.266				
1520-96-3	Perylene-d12	8198	23.49				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/2/2024 12:00:00 AM
Project:		Date Received:	4/2/2024 12:00:00 AM
Client Sample ID:	C0AJ4	SDG No.:	BM040424
Lab Sample ID:	P1948-15	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
BM044927.D	1	4/3/2024 12:00:00 AM	4/4/2024 12:00:00 AM	PB159988

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	92	E	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	3.908		15-120		49	SPK: -8
93951-69-0	Fluoranthene-d10	0.417		30-130		104	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.327		30-130		82	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2201		7.648			
1146-65-2	Naphthalene-d8	6877		10.419			
15067-26-2	Acenaphthene-d10	3771		14.293			

Report of Analysis

Client:		Date Collected:	4/2/2024 12:00:00 AM
Project:		Date Received:	4/2/2024 12:00:00 AM
Client Sample ID:	C0AJ4	SDG No.:	BM040424
Lab Sample ID:	P1948-15	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000	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
BM044927.D	1	4/3/2024 12:00:00 AM	4/4/2024 12:00:00 AM	PB159988

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	8773	17.052				
1719-03-5	Chrysene-d12	7989	21.263				
1520-96-3	Perylene-d12	8695	23.49				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/2/2024 12:00:00 AM
Project:		Date Received:	4/2/2024 12:00:00 AM
Client Sample ID:	C0AK5	SDG No.:	BM040424
Lab Sample ID:	P1948-16	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
BM044928.D	1	4/3/2024 12:00:00 AM	4/4/2024 12:00:00 AM	PB159988

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	85	E	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	4.342		15-120		54	SPK: -8
93951-69-0	Fluoranthene-d10	0.401		30-130		100	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.296		30-130		74	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2061		7.644			
1146-65-2	Naphthalene-d8	6338		10.419			
15067-26-2	Acenaphthene-d10	3510		14.293			

Report of Analysis

Client:		Date Collected:	4/2/2024 12:00:00 AM
Project:		Date Received:	4/2/2024 12:00:00 AM
Client Sample ID:	C0AK5	SDG No.:	BM040424
Lab Sample ID:	P1948-16	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
BM044928.D	1	4/3/2024 12:00:00 AM	4/4/2024 12:00:00 AM	PB159988

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	8343	17.052				
1719-03-5	Chrysene-d12	7689	21.26				
1520-96-3	Perylene-d12	7800	23.487				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/2/2024 12:00:00 AM
Project:		Date Received:	4/2/2024 12:00:00 AM
Client Sample ID:	C0AK8	SDG No.:	BM040424
Lab Sample ID:	P1948-17	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
BM044929.D	1	4/3/2024 12:00:00 AM	4/5/2024 12:00:00 AM	PB159990

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	2.4		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	4.215		15-120		53	SPK: -8
93951-69-0	Fluoranthene-d10	0.443		30-130		111	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.337		30-130		84	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2107		7.648			
1146-65-2	Naphthalene-d8	6339		10.419			
15067-26-2	Acenaphthene-d10	3390		14.294			

Report of Analysis

Client:		Date Collected:	4/2/2024 12:00:00 AM
Project:		Date Received:	4/2/2024 12:00:00 AM
Client Sample ID:	C0AK8	SDG No.:	BM040424
Lab Sample ID:	P1948-17	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
BM044929.D	1	4/3/2024 12:00:00 AM	4/5/2024 12:00:00 AM	PB159990

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	7592	17.052				
1719-03-5	Chrysene-d12	6531	21.262				
1520-96-3	Perylene-d12	7400	23.489				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/2/2024 12:00:00 AM
Project:		Date Received:	4/2/2024 12:00:00 AM
Client Sample ID:	C0AK9	SDG No.:	BM040424
Lab Sample ID:	P1948-18	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
BM044930.D	1	4/3/2024 12:00:00 AM	4/5/2024 12:00:00 AM	PB159990

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	2.4		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	4.314		15-120		54	SPK: -8
93951-69-0	Fluoranthene-d10	0.495		30-130		124	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.373		30-130		93	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1846		7.648			
1146-65-2	Naphthalene-d8	5591		10.419			
15067-26-2	Acenaphthene-d10	3039		14.293			

Report of Analysis

Client:		Date Collected:	4/2/2024 12:00:00 AM
Project:		Date Received:	4/2/2024 12:00:00 AM
Client Sample ID:	C0AK9	SDG No.:	BM040424
Lab Sample ID:	P1948-18	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
BM044930.D	1	4/3/2024 12:00:00 AM	4/5/2024 12:00:00 AM	PB159990

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	6776	17.052				
1719-03-5	Chrysene-d12	5726	21.266				
1520-96-3	Perylene-d12	6315	23.487				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/2/2024 12:00:00 AM
Project:		Date Received:	4/2/2024 12:00:00 AM
Client Sample ID:	C0AL1	SDG No.:	BM040424
Lab Sample ID:	P1948-19	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
BM044931.D	1	4/3/2024 12:00:00 AM	4/5/2024 12:00:00 AM	PB159990

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	89	E	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	5.524		15-120		69	SPK: -8
93951-69-0	Fluoranthene-d10	0.492		30-130		123	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.394		30-130		98	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1871		7.648			
1146-65-2	Naphthalene-d8	5661		10.419			
15067-26-2	Acenaphthene-d10	3111		14.293			

Report of Analysis

Client:		Date Collected:	4/2/2024 12:00:00 AM
Project:		Date Received:	4/2/2024 12:00:00 AM
Client Sample ID:	C0AL1	SDG No.:	BM040424
Lab Sample ID:	P1948-19	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
BM044931.D	1	4/3/2024 12:00:00 AM	4/5/2024 12:00:00 AM	PB159990

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	7039	17.052				
1719-03-5	Chrysene-d12	6178	21.263				
1520-96-3	Perylene-d12	6789	23.487				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/2/2024 12:00:00 AM
Project:		Date Received:	4/2/2024 12:00:00 AM
Client Sample ID:	C0AL5	SDG No.:	BM040424
Lab Sample ID:	P1948-20	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
BM044932.D	1	4/3/2024 12:00:00 AM	4/5/2024 12:00:00 AM	PB159990

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	3.2	E	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	3.895		15-120		49	SPK: -8
93951-69-0	Fluoranthene-d10	0.436		30-130		109	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.309		30-130		77	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1935		7.644			
1146-65-2	Naphthalene-d8	5891		10.419			
15067-26-2	Acenaphthene-d10	3204		14.293			

Report of Analysis

Client:		Date Collected:	4/2/2024 12:00:00 AM
Project:		Date Received:	4/2/2024 12:00:00 AM
Client Sample ID:	C0AL5	SDG No.:	BM040424
Lab Sample ID:	P1948-20	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
BM044932.D	1	4/3/2024 12:00:00 AM	4/5/2024 12:00:00 AM	PB159990

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	7197	17.052				
1719-03-5	Chrysene-d12	5982	21.264				
1520-96-3	Perylene-d12	6667	23.491				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/2/2024 12:00:00 AM
Project:		Date Received:	4/2/2024 12:00:00 AM
Client Sample ID:	C0AL7	SDG No.:	BM040424
Lab Sample ID:	P1948-21	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
BM044933.D	1	4/3/2024 12:00:00 AM	4/5/2024 12:00:00 AM	PB159990

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	4.712		15-120		59	SPK: -8
93951-69-0	Fluoranthene-d10	0.53	*	30-130		132	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.414		30-130		103	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1821		7.643			
1146-65-2	Naphthalene-d8	5764		10.418			
15067-26-2	Acenaphthene-d10	3349		14.293			

Report of Analysis

Client:		Date Collected:	4/2/2024 12:00:00 AM
Project:		Date Received:	4/2/2024 12:00:00 AM
Client Sample ID:	C0AL7	SDG No.:	BM040424
Lab Sample ID:	P1948-21	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
BM044933.D	1	4/3/2024 12:00:00 AM	4/5/2024 12:00:00 AM	PB159990

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	7496	17.051				
1719-03-5	Chrysene-d12	6280	21.266				
1520-96-3	Perylene-d12	6924	23.49				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/3/2024 12:00:00 AM
Project:		Date Received:	4/3/2024 12:00:00 AM
Client Sample ID:	SLCS988	SDG No.:	BM040424
Lab Sample ID:	PB159988BS	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
BM044934.D	1	4/3/2024 12:00:00 AM	4/5/2024 12:00:00 AM	PB159988

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	2.1		0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.39		0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.36		0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.38		0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.38		0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.39		0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.37		0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.98		0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.4		0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.41		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.45		0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.45		0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.44		0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.42		0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.41		0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.41		0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.41		0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.41		0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.41		0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.41		0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.702		15-120		88	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.43		30-130		108	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.348		30-130		87	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1599	7.652				
1146-65-2	Naphthalene-d8	4728	10.435				
15067-26-2	Acenaphthene-d10	2489	14.297				

Report of Analysis

Client:		Date Collected:	4/3/2024 12:00:00 AM
Project:		Date Received:	4/3/2024 12:00:00 AM
Client Sample ID:	SLCS988	SDG No.:	BM040424
Lab Sample ID:	PB159988BS	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
BM044934.D	1	4/3/2024 12:00:00 AM	4/5/2024 12:00:00 AM	PB159988

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	5282	17.06				
1719-03-5	Chrysene-d12	4759	21.263				
1520-96-3	Perylene-d12	6321	23.493				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/3/2024 12:00:00 AM
Project:		Date Received:	4/3/2024 12:00:00 AM
Client Sample ID:	SLCS990	SDG No.:	BM040424
Lab Sample ID:	PB159990BS	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
BM044935.D	1	4/3/2024 12:00:00 AM	4/5/2024 12:00:00 AM	PB159990

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	2.3		0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.42		0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.42		0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.43		0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.42		0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.42		0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.42		0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	1.1		0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.44		0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.46		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.49		0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.49		0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.49		0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.46		0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.45		0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.44		0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.46		0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.46		0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.46		0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.45		0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.777		15-120		97	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.472		30-130		118	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	1495	7.652				
1146-65-2	Naphthalene-d8	4646	10.435				
15067-26-2	Acenaphthene-d10	2673	14.298				

Report of Analysis

Client:		Date Collected:	4/3/2024 12:00:00 AM
Project:		Date Received:	4/3/2024 12:00:00 AM
Client Sample ID:	SLCS990	SDG No.:	BM040424
Lab Sample ID:	PB159990BS	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
BM044935.D	1	4/3/2024 12:00:00 AM	4/5/2024 12:00:00 AM	PB159990

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	5905	17.061				
1719-03-5	Chrysene-d12	5381	21.262				
1520-96-3	Perylene-d12	7021	23.492				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	
Project:		Date Received:	
Client Sample ID:	SP6474	SDG No.:	BM040424
Lab Sample ID:	SP6474	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000000 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
BM044936.D	1		4/5/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	29	U	29	0	200	ug/L
91-20-3	Naphthalene	4.3	U	4.3	50	100	ug/L
90-12-0	1-Methylnaphthalene	15	U	15	50	100	ug/L
91-57-6	2-Methylnaphthalene	5.3	U	5.3	50	100	ug/L
208-96-8	Acenaphthylene	12	U	12	50	100	ug/L
83-32-9	Acenaphthene	7.4	U	7.4	50	100	ug/L
86-73-7	Fluorene	6.7	U	6.7	50	100	ug/L
87-86-5	Pentachlorophenol	63	U	63	100	200	ug/L
85-01-8	Phenanthrene	6.8	U	6.8	50	100	ug/L
120-12-7	Anthracene	8	U	8	50	100	ug/L
206-44-0	Fluoranthene	7.9	U	7.9	50	100	ug/L
129-00-0	Pyrene	6	U	6	50	100	ug/L
56-55-3	Benzo(a)anthracene	3.6	U	3.6	50	100	ug/L
218-01-9	Chrysene	7.7	U	7.7	50	100	ug/L
205-99-2	Benzo(b)fluoranthene	13	U	13	50	100	ug/L
207-08-9	Benzo(k)fluoranthene	9.8	U	9.8	50	100	ug/L
50-32-8	Benzo(a)pyrene	17	U	17	50	100	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	17	U	17	50	100	ug/L
53-70-3	Dibenzo(a,h)anthracene	14	U	14	50	100	ug/L
191-24-2	Benzo(g,h,i)perylene	22	U	22	50	100	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	14046	*	15-120		175575	SPK: -8
93951-69-0	Fluoranthene-d10	903	*	30-130		225750	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	832	*	30-130		208000	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1893		7.644			
1146-65-2	Naphthalene-d8	6079		10.419			
15067-26-2	Acenaphthene-d10	3469		14.294			

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	SP6474			SDG No.:	BM040424		
Lab Sample ID:	SP6474			Matrix:	Water		
Analytical Method:	SFAM_SVOASIM			% Moisture:	100		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000		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
BM044936.D	1		4/5/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	7880	17.052				
1719-03-5	Chrysene-d12	6134	21.268				
1520-96-3	Perylene-d12	6552	23.489				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	29	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/4/2024 12:00:00 AM
Project:		Date Received:	4/4/2024 12:00:00 AM
Client Sample ID:	SBLK015	SDG No.:	BM040424
Lab Sample ID:	PB160015BL	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
BM044938.D	1	4/4/2024 12:00:00 AM	4/5/2024 12:00:00 AM	PB160015

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	4.91		15-120		61	SPK: -8
93951-69-0	Fluoranthene-d10	0.29		30-130		72	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.284		30-130		71	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1930		7.644			
1146-65-2	Naphthalene-d8	6062		10.418			
15067-26-2	Acenaphthene-d10	3550		14.293			

Report of Analysis

Client:		Date Collected:	4/4/2024 12:00:00 AM
Project:		Date Received:	4/4/2024 12:00:00 AM
Client Sample ID:	SBLK015	SDG No.:	BM040424
Lab Sample ID:	PB160015BL	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
BM044938.D	1	4/4/2024 12:00:00 AM	4/5/2024 12:00:00 AM	PB160015

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	8478	17.051				
1719-03-5	Chrysene-d12	7737	21.272				
1520-96-3	Perylene-d12	7555	23.496				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	3/28/2024 12:00:00 AM
Project:		Date Received:	3/28/2024 12:00:00 AM
Client Sample ID:	SLCS840	SDG No.:	BM040424
Lab Sample ID:	PB159840BS	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
BM044939.D	1	3/28/2024 12:00:00 AM	4/5/2024 12:00:00 AM	PB159840

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	74		0.89	0	6.6	ug/Kg
91-20-3	Naphthalene	14		0.2	0.83	3.3	ug/Kg
90-12-0	1-Methylnaphthalene	14		0.52	0.83	3.3	ug/Kg
91-57-6	2-Methylnaphthalene	14		0.19	0.83	3.3	ug/Kg
208-96-8	Acenaphthylene	14		0.33	0.83	3.3	ug/Kg
83-32-9	Acenaphthene	14		0.18	0.83	3.3	ug/Kg
86-73-7	Fluorene	14		0.22	0.83	3.3	ug/Kg
87-86-5	Pentachlorophenol	35		2	1.7	6.7	ug/Kg
85-01-8	Phenanthrene	15		0.18	0.83	3.3	ug/Kg
120-12-7	Anthracene	15		0.17	0.83	3.3	ug/Kg
206-44-0	Fluoranthene	16		0.18	0.83	3.3	ug/Kg
129-00-0	Pyrene	16		0.24	0.83	3.3	ug/Kg
56-55-3	Benzo(a)anthracene	16		0.09	0.83	3.3	ug/Kg
218-01-9	Chrysene	15		0.25	0.83	3.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	15		0.47	0.83	3.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	15		0.32	0.83	3.3	ug/Kg
50-32-8	Benzo(a)pyrene	15		0.32	0.83	3.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	15		0.52	0.83	3.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	15		0.47	0.83	3.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	15		0.75	0.83	3.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.771		15-120		96	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.472		30-130		118	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.394		20-140		98	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1568		7.652			
1146-65-2	Naphthalene-d8	4847		10.43			
15067-26-2	Acenaphthene-d10	2770		14.297			

Report of Analysis

Client:		Date Collected:	3/28/2024 12:00:00 AM
Project:		Date Received:	3/28/2024 12:00:00 AM
Client Sample ID:	SLCS840	SDG No.:	BM040424
Lab Sample ID:	PB159840BS	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
BM044939.D	1	3/28/2024 12:00:00 AM	4/5/2024 12:00:00 AM	PB159840

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	6276	17.056				
1719-03-5	Chrysene-d12	5661	21.263				
1520-96-3	Perylene-d12	7209	23.49				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.89	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	4/3/2024 12:00:00 AM
Project:		Date Received:	4/3/2024 12:00:00 AM
Client Sample ID:	C0AJ3	SDG No.:	BM040424
Lab Sample ID:	P1970-03	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
BM044940.D	1	4/4/2024 12:00:00 AM	4/5/2024 12:00:00 AM	PB160015

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.1	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	3.459		15-120		43	SPK: -8
93951-69-0	Fluoranthene-d10	0.329		30-130		82	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.256		30-130		64	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1806		7.644			
1146-65-2	Naphthalene-d8	5853		10.419			
15067-26-2	Acenaphthene-d10	3475		14.293			

Report of Analysis

Client:		Date Collected:	4/3/2024 12:00:00 AM
Project:		Date Received:	4/3/2024 12:00:00 AM
Client Sample ID:	C0AJ3	SDG No.:	BM040424
Lab Sample ID:	P1970-03	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
BM044940.D	1	4/4/2024 12:00:00 AM	4/5/2024 12:00:00 AM	PB160015

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	8507	17.048				
1719-03-5	Chrysene-d12	8291	21.258				
1520-96-3	Perylene-d12	8447	23.485				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/3/2024 12:00:00 AM
Project:		Date Received:	4/3/2024 12:00:00 AM
Client Sample ID:	C0AJ5	SDG No.:	BM040424
Lab Sample ID:	P1970-04	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
BM044941.D	1	4/4/2024 12:00:00 AM	4/5/2024 12:00:00 AM	PB160015

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	3.7	E	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	4.064		15-120		51	SPK: -8
93951-69-0	Fluoranthene-d10	0.414		30-130		103	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.327		30-130		82	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1658		7.644			
1146-65-2	Naphthalene-d8	5394		10.419			
15067-26-2	Acenaphthene-d10	3199		14.293			

Report of Analysis

Client:		Date Collected:	4/3/2024 12:00:00 AM
Project:		Date Received:	4/3/2024 12:00:00 AM
Client Sample ID:	C0AJ5	SDG No.:	BM040424
Lab Sample ID:	P1970-04	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
BM044941.D	1	4/4/2024 12:00:00 AM	4/5/2024 12:00:00 AM	PB160015

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	7601	17.047				
1719-03-5	Chrysene-d12	7685	21.261				
1520-96-3	Perylene-d12	7784	23.485				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/3/2024 12:00:00 AM
Project:		Date Received:	4/3/2024 12:00:00 AM
Client Sample ID:	C0AJ6	SDG No.:	BM040424
Lab Sample ID:	P1970-05	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
BM044942.D	1	4/4/2024 12:00:00 AM	4/5/2024 12:00:00 AM	PB160015

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.52		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	4.245		15-120		53	SPK: -8
93951-69-0	Fluoranthene-d10	0.152		30-130		38	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.129		30-130		32	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1453		7.644			
1146-65-2	Naphthalene-d8	4413		10.424			
15067-26-2	Acenaphthene-d10	2465		14.294			

Report of Analysis

Client:		Date Collected:	4/3/2024 12:00:00 AM
Project:		Date Received:	4/3/2024 12:00:00 AM
Client Sample ID:	C0AJ6	SDG No.:	BM040424
Lab Sample ID:	P1970-05	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
BM044942.D	1	4/4/2024 12:00:00 AM	4/5/2024 12:00:00 AM	PB160015

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	5711	17.048				
1719-03-5	Chrysene-d12	5326	21.268				
1520-96-3	Perylene-d12	6029	23.489				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/3/2024 12:00:00 AM
Project:		Date Received:	4/3/2024 12:00:00 AM
Client Sample ID:	C0AJ7	SDG No.:	BM040424
Lab Sample ID:	P1970-06	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
BM044943.D	1	4/4/2024 12:00:00 AM	4/5/2024 12:00:00 AM	PB160015

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	18	E	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	4.405		15-120		55	SPK: -8
93951-69-0	Fluoranthene-d10	0.438		30-130		109	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.367		30-130		92	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1580		7.644			
1146-65-2	Naphthalene-d8	4928		10.419			
15067-26-2	Acenaphthene-d10	2736		14.293			

Report of Analysis

Client:		Date Collected:	4/3/2024 12:00:00 AM
Project:		Date Received:	4/3/2024 12:00:00 AM
Client Sample ID:	C0AJ7	SDG No.:	BM040424
Lab Sample ID:	P1970-06	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
BM044943.D	1	4/4/2024 12:00:00 AM	4/5/2024 12:00:00 AM	PB160015

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	6156	17.047				
1719-03-5	Chrysene-d12	5763	21.263				
1520-96-3	Perylene-d12	5503	23.487				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/3/2024 12:00:00 AM
Project:		Date Received:	4/3/2024 12:00:00 AM
Client Sample ID:	C0AJ8	SDG No.:	BM040424
Lab Sample ID:	P1970-07	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
BM044944.D	1	4/4/2024 12:00:00 AM	4/5/2024 12:00:00 AM	PB160017

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	58	E	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	4.475		15-120		56	SPK: -8
93951-69-0	Fluoranthene-d10	0.457		30-130		114	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.357		30-130		89	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1572		7.643			
1146-65-2	Naphthalene-d8	4899		10.418			
15067-26-2	Acenaphthene-d10	2696		14.293			

Report of Analysis

Client:		Date Collected:	4/3/2024 12:00:00 AM
Project:		Date Received:	4/3/2024 12:00:00 AM
Client Sample ID:	C0AJ8	SDG No.:	BM040424
Lab Sample ID:	P1970-07	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
BM044944.D	1	4/4/2024 12:00:00 AM	4/5/2024 12:00:00 AM	PB160017

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	6147	17.047				
1719-03-5	Chrysene-d12	5633	21.263				
1520-96-3	Perylene-d12	5560	23.49				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/3/2024 12:00:00 AM
Project:		Date Received:	4/3/2024 12:00:00 AM
Client Sample ID:	C0AJ9	SDG No.:	BM040424
Lab Sample ID:	P1970-08	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
BM044945.D	1	4/4/2024 12:00:00 AM	4/5/2024 12:00:00 AM	PB160017

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	28	E	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	3.926		15-120		49	SPK: -8
93951-69-0	Fluoranthene-d10	0.419		30-130		105	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.346		30-130		86	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1648		7.644			
1146-65-2	Naphthalene-d8	5052		10.419			
15067-26-2	Acenaphthene-d10	2774		14.293			

Report of Analysis

Client:		Date Collected:	4/3/2024 12:00:00 AM
Project:		Date Received:	4/3/2024 12:00:00 AM
Client Sample ID:	C0AJ9	SDG No.:	BM040424
Lab Sample ID:	P1970-08	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
BM044945.D	1	4/4/2024 12:00:00 AM	4/5/2024 12:00:00 AM	PB160017

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	6215	17.047				
1719-03-5	Chrysene-d12	5768	21.269				
1520-96-3	Perylene-d12	5631	23.49				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/3/2024 12:00:00 AM
Project:		Date Received:	4/3/2024 12:00:00 AM
Client Sample ID:	C0AK0	SDG No.:	BM040424
Lab Sample ID:	P1970-09	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
BM044946.D	1	4/4/2024 12:00:00 AM	4/5/2024 12:00:00 AM	PB160017

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	2.3		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	4.289		15-120		54	SPK: -8
93951-69-0	Fluoranthene-d10	0.417		30-130		104	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.374		30-130		94	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1730		7.644			
1146-65-2	Naphthalene-d8	5326		10.419			
15067-26-2	Acenaphthene-d10	2909		14.293			

Report of Analysis

Client:		Date Collected:	4/3/2024 12:00:00 AM
Project:		Date Received:	4/3/2024 12:00:00 AM
Client Sample ID:	C0AK0	SDG No.:	BM040424
Lab Sample ID:	P1970-09	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
BM044946.D	1	4/4/2024 12:00:00 AM	4/5/2024 12:00:00 AM	PB160017

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	6557	17.047				
1719-03-5	Chrysene-d12	6227	21.26				
1520-96-3	Perylene-d12	6207	23.487				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/3/2024 12:00:00 AM
Project:		Date Received:	4/3/2024 12:00:00 AM
Client Sample ID:	C0AJ9	SDG No.:	BM040424
Lab Sample ID:	P1992-01	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
BM044947.D	1	4/4/2024 12:00:00 AM	4/5/2024 12:00:00 AM	PB160017

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	9.1	E	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	1.9	E	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.51		0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.95		0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	110	E	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	34	E	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.17	J	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	1		0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	3.3	E	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	11	E	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	5.4	E	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.26		0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.11		0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.04	J	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	3.975		15-120		50	SPK: -8
93951-69-0	Fluoranthene-d10	0.467		30-130		117	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.351		30-130		88	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2031		7.643			
1146-65-2	Naphthalene-d8	6538		10.413			
15067-26-2	Acenaphthene-d10	4535		14.288			

Report of Analysis

Client:		Date Collected:	4/3/2024 12:00:00 AM
Project:		Date Received:	4/3/2024 12:00:00 AM
Client Sample ID:	C0AJ9	SDG No.:	BM040424
Lab Sample ID:	P1992-01	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
BM044947.D	1	4/4/2024 12:00:00 AM	4/5/2024 12:00:00 AM	PB160017

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10307	17.047				
1719-03-5	Chrysene-d12	9111	21.257				
1520-96-3	Perylene-d12	8747	23.481				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/4/2024 12:00:00 AM
Project:		Date Received:	4/4/2024 12:00:00 AM
Client Sample ID:	SLCS015	SDG No.:	BM040424
Lab Sample ID:	PB160015BS	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
BM044948.D	1	4/4/2024 12:00:00 AM	4/5/2024 12:00:00 AM	PB160015

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	2		0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.38		0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.37		0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.38		0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.38		0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.39		0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.39		0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.94		0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.39		0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.4		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.42		0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.42		0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.42		0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.39		0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.39		0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.37		0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.39		0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.39		0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.39		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	0.702		15-120		88	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.435		30-130		109	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.375		30-130		94	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1772	7.648				
1146-65-2	Naphthalene-d8	5249	10.43				
15067-26-2	Acenaphthene-d10	2988	14.294				

Report of Analysis

Client:		Date Collected:	4/4/2024 12:00:00 AM
Project:		Date Received:	4/4/2024 12:00:00 AM
Client Sample ID:	SLCS015	SDG No.:	BM040424
Lab Sample ID:	PB160015BS	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
BM044948.D	1	4/4/2024 12:00:00 AM	4/5/2024 12:00:00 AM	PB160015

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	6999	17.057				
1719-03-5	Chrysene-d12	6495	21.262				
1520-96-3	Perylene-d12	8398	23.492				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/4/2024 12:00:00 AM
Project:		Date Received:	4/4/2024 12:00:00 AM
Client Sample ID:	SLCS017	SDG No.:	BM040424
Lab Sample ID:	PB160017BS	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
BM044949.D	1	4/4/2024 12:00:00 AM	4/5/2024 12:00:00 AM	PB160017

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	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	0.32		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	0.35		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	0.72		0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.34		0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.35		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.36		0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.37		0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.37		0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.36		0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.35		0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.34		0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.36		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	0.36		0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.35		0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.708		15-120		88	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.374		30-130		94	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.332		30-130		83	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1487	7.648				
1146-65-2	Naphthalene-d8	4561	10.435				
15067-26-2	Acenaphthene-d10	2435	14.297				

Report of Analysis

Client:		Date Collected:	4/4/2024 12:00:00 AM
Project:		Date Received:	4/4/2024 12:00:00 AM
Client Sample ID:	SLCS017	SDG No.:	BM040424
Lab Sample ID:	PB160017BS	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
BM044949.D	1	4/4/2024 12:00:00 AM	4/5/2024 12:00:00 AM	PB160017

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	5627	17.06				
1719-03-5	Chrysene-d12	5384	21.266				
1520-96-3	Perylene-d12	7072	23.493				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/4/2024 12:00:00 AM
Project:		Date Received:	4/4/2024 12:00:00 AM
Client Sample ID:	SBLK017	SDG No.:	BM040424
Lab Sample ID:	PB160017BL	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
BM044951.D	1	4/4/2024 12:00:00 AM	4/5/2024 12:00:00 AM	PB160017

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	5.598		15-120		70	SPK: -8
93951-69-0	Fluoranthene-d10	0.308		30-130		77	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.298		30-130		75	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1752		7.639			
1146-65-2	Naphthalene-d8	5334		10.413			
15067-26-2	Acenaphthene-d10	2910		14.293			

Report of Analysis

Client:		Date Collected:	4/4/2024 12:00:00 AM
Project:		Date Received:	4/4/2024 12:00:00 AM
Client Sample ID:	SBLK017	SDG No.:	BM040424
Lab Sample ID:	PB160017BL	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
BM044951.D	1	4/4/2024 12:00:00 AM	4/5/2024 12:00:00 AM	PB160017

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	6467	17.047				
1719-03-5	Chrysene-d12	5987	21.272				
1520-96-3	Perylene-d12	5749	23.49				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/3/2024 12:00:00 AM
Project:		Date Received:	4/3/2024 12:00:00 AM
Client Sample ID:	C0AJ9DL	SDG No.:	BM040424
Lab Sample ID:	P1992-01DL	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
BM044952.D	5	4/4/2024 12:00:00 AM	4/5/2024 12:00:00 AM	PB160017

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.145	U	0.145	0	1	ug/L
91-20-3	Naphthalene	9.8	ED	0.0215	0.25	0.5	ug/L
90-12-0	1-Methylnaphthalene	2	D	0.075	0.25	0.5	ug/L
91-57-6	2-Methylnaphthalene	0.52	D	0.0265	0.25	0.5	ug/L
208-96-8	Acenaphthylene	1.2	D	0.06	0.25	0.5	ug/L
83-32-9	Acenaphthene	140	ED	0.037	0.25	0.5	ug/L
86-73-7	Fluorene	41	ED	0.0335	0.25	0.5	ug/L
87-86-5	Pentachlorophenol	0.315	U	0.315	0.5	1	ug/L
85-01-8	Phenanthrene	1.1	D	0.034	0.25	0.5	ug/L
120-12-7	Anthracene	4.1	D	0.04	0.25	0.5	ug/L
206-44-0	Fluoranthene	13	ED	0.0395	0.25	0.5	ug/L
129-00-0	Pyrene	6.8	D	0.03	0.25	0.5	ug/L
56-55-3	Benzo(a)anthracene	0.3	JD	0.018	0.25	0.5	ug/L
218-01-9	Chrysene	0.0385	U	0.0385	0.25	0.5	ug/L
205-99-2	Benzo(b)fluoranthene	0.065	U	0.065	0.25	0.5	ug/L
207-08-9	Benzo(k)fluoranthene	0.049	U	0.049	0.25	0.5	ug/L
50-32-8	Benzo(a)pyrene	0.085	U	0.085	0.25	0.5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.085	U	0.085	0.25	0.5	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.07	U	0.07	0.25	0.5	ug/L
191-24-2	Benzo(g,h,i)perylene	0.11	U	0.11	0.25	0.5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.495		15-120		56	SPK: -8
93951-69-0	Fluoranthene-d10	0.515		30-130		129	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.36		30-130		90	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1864		7.643			
1146-65-2	Naphthalene-d8	5664		10.418			
15067-26-2	Acenaphthene-d10	3457		14.289			

Report of Analysis

Client:		Date Collected:	4/3/2024 12:00:00 AM
Project:		Date Received:	4/3/2024 12:00:00 AM
Client Sample ID:	C0AJ9DL	SDG No.:	BM040424
Lab Sample ID:	P1992-01DL	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
BM044952.D	5	4/4/2024 12:00:00 AM	4/5/2024 12:00:00 AM	PB160017

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	7752	17.048				
1719-03-5	Chrysene-d12	6982	21.256				
1520-96-3	Perylene-d12	8623	23.483				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.145	U			99	ug/L



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

Hit Summary Sheet SW-846

SDG No.: BM040424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : E0LY5								
P1849-01	E0LY5	Solid	Total Alkanes	*	0.000	1.1	8.1	ug/Kg
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID : E0LY8								
P1849-04	E0LY8	Solid	Total Alkanes	*	0.000	1.5	11	ug/Kg
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID : E0LY9								
P1849-05	E0LY9	Solid	Total Alkanes	*	0.000	1.6	12	ug/Kg
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID : C0AH3								
P1948-01	C0AH3	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
			Total Tics :			0.00		
P1948-01	C0AH3	Water	1,4-Dioxane		0.580	0.03	0.2	ug/L
			Total Svoc :			0.58		
			Total Concentration:			0.58		
Client ID : C0AH4								
P1948-02	C0AH4	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
			Total Tics :			0.00		
P1948-02	C0AH4	Water	1,4-Dioxane		1.100	0.03	0.2	ug/L
			Total Svoc :			1.10		
			Total Concentration:			1.10		
Client ID : C0AH5								
P1948-03	C0AH5	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
P1948-03	C0AH5	Water	1,4-Dioxane		1.100	0.029	0.2	ug/L
			Total Svoc :			1.10		
			Total Concentration:			1.10		
Client ID : C0AH6								
P1948-04	C0AH6	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
			Total Tics :			0.00		
P1948-04	C0AH6	Water	1,4-Dioxane		1.200	0.03	0.2	ug/L
			Total Svoc :			1.20		
			Total Concentration:			1.20		

Hit Summary Sheet SW-846

SDG No.: BM040424

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : C0AH7								
P1948-05	C0AH7	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
P1948-05	C0AH7	Water	1,4-Dioxane		0.570	0.029	0.2	ug/L
			Total Svoc :			0.57		
			Total Concentration:			0.57		
Client ID : C0AJ0								
P1948-12	C0AJ0	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
P1948-12	C0AJ0	Water	1,4-Dioxane		24.000	E 0.029	0.2	ug/L
			Total Svoc :			24.00		
			Total Concentration:			24.00		
Client ID : C0AJ1								
P1948-13	C0AJ1	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
			Total Tics :			0.00		
P1948-13	C0AJ1	Water	1,4-Dioxane		11.000	E 0.03	0.2	ug/L
			Total Svoc :			11.00		
			Total Concentration:			11.00		
Client ID : C0AJ2								
P1948-14	C0AJ2	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
P1948-14	C0AJ2	Water	1,4-Dioxane		7.800	E 0.029	0.2	ug/L
			Total Svoc :			7.80		
			Total Concentration:			7.80		
Client ID : C0AJ4								
P1948-15	C0AJ4	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
P1948-15	C0AJ4	Water	1,4-Dioxane		92.000	E 0.029	0.2	ug/L
			Total Svoc :			92.00		
			Total Concentration:			92.00		
Client ID : C0AK5								
P1948-16	C0AK5	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
			Total Tics :			0.00		
P1948-16	C0AK5	Water	1,4-Dioxane		85.000	E 0.03	0.2	ug/L
			Total Svoc :			85.00		
			Total Concentration:			85.00		
Client ID : C0AK8								
P1948-17	C0AK8	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
			Total Tics :			0.00		



SDG No.: BM040424

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P1948-17	C0AK8	Water	1,4-Dioxane	2.400		0.03	0.2	ug/L
			Total Svoc :			2.40		
			Total Concentration:			2.40		
Client ID :	C0AK9							
P1948-18	C0AK9	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
P1948-18	C0AK9	Water	1,4-Dioxane		2.400	0.029	0.2	ug/L
			Total Svoc :			2.40		
			Total Concentration:			2.40		
Client ID :	C0AL1							
P1948-19	C0AL1	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
P1948-19	C0AL1	Water	1,4-Dioxane		89.000	E 0.029	0.2	ug/L
			Total Svoc :			89.00		
			Total Concentration:			89.00		
Client ID :	C0AL5							
P1948-20	C0AL5	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
			Total Tics :			0.00		
P1948-20	C0AL5	Water	1,4-Dioxane		3.200	E 0.03	0.2	ug/L
			Total Svoc :			3.20		
			Total Concentration:			3.20		
Client ID :	C0AL7							
P1948-21	C0AL7	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	C0AJ3							
P1970-03	C0AJ3	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
P1970-03	C0AJ3	Water	1,4-Dioxane		0.100	J 0.029	0.2	ug/L
			Total Svoc :			0.10		
			Total Concentration:			0.10		
Client ID :	C0AJ5							
P1970-04	C0AJ5	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
P1970-04	C0AJ5	Water	1,4-Dioxane		3.700	E 0.029	0.2	ug/L
			Total Svoc :			3.70		
			Total Concentration:			3.70		
Client ID :	C0AJ6							

Hit Summary Sheet SW-846

SDG No.: BM040424

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P1970-05	C0AJ6	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
P1970-05	C0AJ6	Water	1,4-Dioxane		0.520	0.029	0.2	ug/L
			Total Svoc :			0.52		
			Total Concentration:			0.52		
Client ID : C0AJ7								
P1970-06	C0AJ7	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
P1970-06	C0AJ7	Water	1,4-Dioxane		18.000	E 0.029	0.2	ug/L
			Total Svoc :			18.00		
			Total Concentration:			18.00		
Client ID : C0AJ8								
P1970-07	C0AJ8	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
P1970-07	C0AJ8	Water	1,4-Dioxane		58.000	E 0.029	0.2	ug/L
			Total Svoc :			58.00		
			Total Concentration:			58.00		
Client ID : C0AJ9								
P1970-08	C0AJ9	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
P1970-08	C0AJ9	Water	1,4-Dioxane		28.000	E 0.029	0.2	ug/L
			Total Svoc :			28.00		
			Total Concentration:			28.00		
Client ID : C0AK0								
P1970-09	C0AK0	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
P1970-09	C0AK0	Water	1,4-Dioxane		2.300	0.029	0.2	ug/L
			Total Svoc :			2.30		
			Total Concentration:			2.30		
Client ID : C0AJ9								
P1992-01	C0AJ9	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
P1992-01	C0AJ9	Water	1-Methylnaphthalene		1.900	E 0.015	0.1	ug/L
P1992-01	C0AJ9	Water	2-Methylnaphthalene		0.510	0.0053	0.1	ug/L
P1992-01	C0AJ9	Water	Acenaphthene		110.000	E 0.0074	0.1	ug/L
P1992-01	C0AJ9	Water	Acenaphthylene		0.950	0.012	0.1	ug/L
P1992-01	C0AJ9	Water	Anthracene		3.300	E 0.008	0.1	ug/L
P1992-01	C0AJ9	Water	Benzo(a)anthracene		0.260	0.0036	0.1	ug/L
P1992-01	C0AJ9	Water	Benzo(b)fluoranthene		0.040	J 0.013	0.1	ug/L

Hit Summary Sheet SW-846

SDG No.: BM040424

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P1992-01	C0AJ9	Water	Chrysene	0.110		0.0077	0.1	ug/L
P1992-01	C0AJ9	Water	Fluoranthene	11.000	E	0.0079	0.1	ug/L
P1992-01	C0AJ9	Water	Fluorene	34.000	E	0.0067	0.1	ug/L
P1992-01	C0AJ9	Water	Naphthalene	9.100	E	0.0043	0.1	ug/L
P1992-01	C0AJ9	Water	Pentachlorophenol	0.170	J	0.063	0.2	ug/L
P1992-01	C0AJ9	Water	Phenanthrene	1.000		0.0068	0.1	ug/L
P1992-01	C0AJ9	Water	Pyrene	5.400	E	0.006	0.1	ug/L
Total Svoc :				177.74				
Total Concentration:				177.74				
Client ID :	C0AJ9DL							
P1992-01DL	C0AJ9DL	Water	Total Alkanes	*	0.000	D 0.145	1	ug/L
Total Tics :				0.00				
P1992-01DL	C0AJ9DL	Water	1-Methylnaphthalene	2.000	D	0.075	0.5	ug/L
P1992-01DL	C0AJ9DL	Water	2-Methylnaphthalene	0.520	D	0.0265	0.5	ug/L
P1992-01DL	C0AJ9DL	Water	Acenaphthene	140.000	ED	0.037	0.5	ug/L
P1992-01DL	C0AJ9DL	Water	Acenaphthylene	1.200	D	0.06	0.5	ug/L
P1992-01DL	C0AJ9DL	Water	Anthracene	4.100	D	0.04	0.5	ug/L
P1992-01DL	C0AJ9DL	Water	Benzo(a)anthracene	0.300	JD	0.018	0.5	ug/L
P1992-01DL	C0AJ9DL	Water	Fluoranthene	13.000	ED	0.0395	0.5	ug/L
P1992-01DL	C0AJ9DL	Water	Fluorene	41.000	ED	0.0335	0.5	ug/L
P1992-01DL	C0AJ9DL	Water	Naphthalene	9.800	ED	0.0215	0.5	ug/L
P1992-01DL	C0AJ9DL	Water	Phenanthrene	1.100	D	0.034	0.5	ug/L
P1992-01DL	C0AJ9DL	Water	Pyrene	6.800	D	0.03	0.5	ug/L
Total Svoc :				219.82				
Total Concentration:				219.82				
Client ID :	SP6474							
SP6474	SP6474	Water	Total Alkanes	*	0.000	29	200	ug/L
Total Tics :				0.00				
Total Concentration:				0.00				



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BM040424 SAS No.: BM040424 SDG No.: BM040424
Instrument ID: _____ Calibration Date(s): 4/3/2024 1: _____
Calibration Time(s): 18:13 _____

LAB FILE ID:		RRFAL1 = BM044896.D			RRFAL2 = BM044897.D		RRFAL3 = BM044898.D	
		RRFAL4 = BM044899.D			RRFAL5 = BM044900.D		RRFAL6 = BM044901.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane		0.509	0.494	0.529	0.503	0.484	0.504	3.4
1,4-Dioxane-d8		0.619	0.529	0.518	0.481	0.480	0.525	10.8
Naphthalene	1.077	1.058	1.085	1.055	1.032		1.061	1.9
1-Methylnaphthalene	0.683	0.672	0.715	0.698	0.693		0.692	2.3
2-Methylnaphthalene	0.597	0.614	0.659	0.650	0.648		0.634	4.3
Acenaphthylene	2.089	1.988	2.018	1.988	1.897		1.996	3.5
Acenaphthene	1.438	1.419	1.478	1.432	1.376		1.429	2.6
Fluorene	1.633	1.594	1.656	1.588	1.536		1.601	2.9
Pentachlorophenol		0.085	0.095	0.089	0.094	0.106	0.094	8.4
Phenanthrene	1.140	1.109	1.143	1.125	1.115		1.126	1.3
Anthracene	1.185	1.061	1.131	1.088	1.081		1.109	4.5
Fluoranthene	1.502	1.397	1.424	1.424	1.400		1.429	3.0
Pyrene	1.600	1.494	1.514	1.489	1.451		1.509	3.7
Benzo(a)anthracene	1.421	1.311	1.420	1.409	1.401		1.392	3.3
Chrysene	2.000	1.819	1.741	1.610	1.520		1.738	10.7
Benzo(b)fluoranthene	1.599	1.414	1.449	1.404	1.357		1.445	6.4
Benzo(k)fluoranthene	1.731	1.689	1.627	1.546	1.497		1.618	6.0
Benzo(a)pyrene	1.458	1.394	1.392	1.347	1.306		1.379	4.2
Indeno(1,2,3-cd)pyrene	1.989	1.841	1.913	1.877	1.833		1.891	3.4
Dibenzo(a,h)anthracene	1.557	1.469	1.518	1.485	1.456		1.497	2.7
Benzo(g,h,i)perylene	1.751	1.628	1.634	1.593	1.546		1.630	4.7
Fluoranthene-d10	0.995	0.980	1.032	1.031	1.017		1.011	2.3
2-Methylnaphthalene-d10	0.529	0.526	0.562	0.550	0.543		0.542	2.8

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.: BM040424 SAS No.: BM040424 SDG NO.: BM040424

EPA Sample No.: SSTD0.4024

Date Analyzed: Apr 3 2024 12:00AM

Lab File ID: BM044898.D

Time Analyzed: 21:51

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	1937	7.656	5585	10.44	3022	14.31
	UPPER LIMIT	3874	8.156	11170	10.94	6044	14.807
	LOWER LIMIT	968.5	7.156	2792.5	9.94	1511	13.807
	EPA SAMPLE NO.						
01	SICV028	2436	7.65	7178	10.44	3919	14.30
02	SBLK946	1872	7.65	5884	10.42	3282	14.30
03	SBLK948	1992	7.65	6306	10.42	3472	14.30
04	C0AH3	1676	7.65	5084	10.42	2851	14.30
05	C0AH4	1714	7.65	5346	10.42	3082	14.30
06	C0AH5	1792	7.65	5480	10.42	3053	14.30
07	C0AH6	1765	7.65	5431	10.42	3120	14.30
08	C0AH7	1678	7.65	5162	10.42	2849	14.29
09	SBLK840	1990	7.65	5998	10.42	3317	14.29
10	E0LY5	2578	7.65	8148	10.42	4683	14.29
11	E0LY5MS	2545	7.65	8256	10.42	4907	14.29
12	E0LY5MSD	2524	7.65	8183	10.42	4847	14.29
13	E0LY8	3121	7.65	10061	10.42	5426	14.30
14	E0LY9	2435	7.65	8010	10.42	4348	14.29
15	SLCS946	2305	7.65	7759	10.43	4065	14.30
16	SLCS948	2440	7.65	8362	10.43	4377	14.30
17	SLCS840	0 *	0.00 *	0 *	0.00 *	0 *	0.00 *
18	SBLK988	2882	7.65	9416	10.42	4827	14.30
19	SBLK990	1877	7.65	5739	10.42	2938	14.29
20	C0AJ0	2157	7.65	6566	10.42	3572	14.29
21	C0AJ1	2235	7.65	6730	10.42	3529	14.29
22	C0AJ2	2041	7.65	6526	10.42	3606	14.29
23	C0AJ4	2201	7.65	6877	10.42	3771	14.29

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM040424 SAS No.: BM040424 SDG NO.: BM040424

EPA Sample No.: SSTD0.4024

Date Analyzed: Apr 4 2024 12:00AM

Lab File ID: BM044898.D

Time Analyzed: 23:50

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	1937	7.656	5585	10.44	3022	14.31
	UPPER LIMIT	3874	8.156	11170	10.94	6044	14.807
	LOWER LIMIT	968.5	7.156	2792.5	9.94	1511	13.807
	EPA SAMPLE NO.						
24	C0AK5	2061	7.64	6338	10.42	3510	14.29
25	C0AK8	2107	7.65	6339	10.42	3390	14.29
26	C0AK9	1846	7.65	5591	10.42	3039	14.29
27	C0AL1	1871	7.65	5661	10.42	3111	14.29
28	C0AL5	1935	7.64	5891	10.42	3204	14.29
29	C0AL7	1821	7.64	5764	10.42	3349	14.29
30	SLCS988	1599	7.65	4728	10.44	2489	14.30
31	SLCS990	1495	7.65	4646	10.44	2673	14.30
32	SP6474	1893	7.64	6079	10.42	3469	14.29
33	SBLK015	1930	7.64	6062	10.42	3550	14.29
34	SLCS840	1568	7.65	4847	10.43	2770	14.30
35	C0AJ3	1806	7.64	5853	10.42	3475	14.29
36	C0AJ5	1658	7.64	5394	10.42	3199	14.29
37	C0AJ6	1453	7.64	4413	10.42	2465	14.29
38	C0AJ7	1580	7.64	4928	10.42	2736	14.29
39	C0AJ8	1572	7.64	4899	10.42	2696	14.29
40	C0AJ9	1648	7.64	5052	10.42	2774	14.29
41	C0AK0	1730	7.64	5326	10.42	2909	14.29
42	C0AJ9	2031	7.64	6538	10.41	4535	14.29
43	SLCS015	1772	7.65	5249	10.43	2988	14.29
44	SLCS017	1487	7.65	4561	10.44	2435	14.30
45	SBLK017	1752	7.64	5334	10.41	2910	14.29
46	C0AJ9DL	1864	7.64	5664	10.42	3457	14.29



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Fax : 908 789 8922

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM040424 SAS No.: BM040424 SDG NO.: BM040424

EPA Sample No.: SSTD0.4024 Date Analyzed: Apr 5 2024 12:00AM

Lab File ID: BM044898.D Time Analyzed: 16:44

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	1937	7.656	5585	10.44	3022	14.31
UPPER LIMIT	3874	8.156	11170	10.94	6044	14.807
LOWER LIMIT	968.5	7.156	2792.5	9.94	1511	13.807
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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Fax : 908 789 8922

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM040424 SAS No.: BM040424 SDG NO.: BM040424

EPA Sample No.: SSTD0.4060 Date Analyzed: Apr 4 2024 12:00AM

Lab File ID: BM044904.D Time Analyzed: 09:19

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	1736	7.66	5363	10.45	2920	14.30
	UPPER LIMIT	3472	8.16	10726	10.946	5840	14.803
	LOWER LIMIT	868	7.16	2681.5	9.946	1460	13.803
	EPA SAMPLE NO.						
01	SBLK946	1872	7.65	5884	10.42	3282	14.30
02	SBLK948	1992	7.65	6306	10.42	3472	14.30
03	C0AH3	1676	7.65	5084	10.42	2851	14.30
04	C0AH4	1714	7.65	5346	10.42	3082	14.30
05	C0AH5	1792	7.65	5480	10.42	3053	14.30
06	C0AH6	1765	7.65	5431	10.42	3120	14.30
07	C0AH7	1678	7.65	5162	10.42	2849	14.29
08	SBLK840	1990	7.65	5998	10.42	3317	14.29
09	E0LY5	2578	7.65	8148	10.42	4683	14.29
10	E0LY5MS	2545	7.65	8256	10.42	4907	14.29
11	E0LY5MSD	2524	7.65	8183	10.42	4847	14.29
12	E0LY8	3121	7.65	10061	10.42	5426	14.30
13	E0LY9	2435	7.65	8010	10.42	4348	14.29
14	SLCS946	2305	7.65	7759	10.43	4065	14.30
15	SLCS948	2440	7.65	8362	10.43	4377	14.30
16	SLCS840	0 *	0.00 *	0 *	0.00 *	0 *	0.00 *



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Fax : 908 789 8922

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM040424 SAS No.: BM040424 SDG NO.: BM040424

EPA Sample No.: SSTD0.4060 Date Analyzed: Apr 4 2024 12:00AM

Lab File ID: BM044904.D Time Analyzed: 18:25

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	1736	7.66	5363	10.45	2920	14.30
UPPER LIMIT	3472	8.16	10726	10.946	5840	14.803
LOWER LIMIT	868	7.16	2681.5	9.946	1460	13.803
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.: BM040424 SAS No.: BM040424 SDG NO.: BM040424

EPA Sample No.: SSTD0.4061 Date Analyzed: Apr 4 2024 12:00AM

Lab File ID: BM044921.D Time Analyzed: 20:13

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	2787	7.652	8958	10.43	4679	14.30
UPPER LIMIT	5574	8.152	17916	10.929	9358	14.798
LOWER LIMIT	1393.5	7.152	4479	9.929	2339.5	13.798
EPA SAMPLE NO.						
01 SBLK988	2882	7.65	9416	10.42	4827	14.30
02 SBLK990	1877	7.65	5739	10.42	2938	14.29
03 C0AJ0	2157	7.65	6566	10.42	3572	14.29
04 C0AJ1	2235	7.65	6730	10.42	3529	14.29
05 C0AJ2	2041	7.65	6526	10.42	3606	14.29
06 C0AJ4	2201	7.65	6877	10.42	3771	14.29
07 C0AK5	2061	7.64	6338	10.42	3510	14.29
08 C0AK8	2107	7.65	6339	10.42	3390	14.29
09 C0AK9	1846	7.65	5591	10.42	3039	14.29
10 C0AL1	1871	7.65	5661	10.42	3111	14.29
11 C0AL5	1935	7.64	5891	10.42	3204	14.29
12 C0AL7	1821	7.64	5764	10.42	3349	14.29
13 SLCS988	1599	7.65	4728	10.44	2489	14.30
14 SLCS990	1495	7.65	4646	10.44	2673	14.30
15 SP6474	1893	7.64	6079	10.42	3469	14.29

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.: BM040424 SAS No.: BM040424 SDG NO.: BM040424

EPA Sample No.: SSTD0.4062 Date Analyzed: Apr 5 2024 12:00AM

Lab File ID: BM044937.D Time Analyzed: 08:19

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	1946	7.652	5960	10.43	3439	14.29
UPPER LIMIT	3892	8.152	11920	10.93	6878	14.793
LOWER LIMIT	973	7.152	2980	9.93	1719.5	13.793
EPA SAMPLE NO.						
01 SBLK015	1930	7.64	6062	10.42	3550	14.29
02 SLCS840	1568	7.65	4847	10.43	2770	14.30
03 C0AJ3	1806	7.64	5853	10.42	3475	14.29
04 C0AJ5	1658	7.64	5394	10.42	3199	14.29
05 C0AJ6	1453	7.64	4413	10.42	2465	14.29
06 C0AJ7	1580	7.64	4928	10.42	2736	14.29
07 C0AJ8	1572	7.64	4899	10.42	2696	14.29
08 C0AJ9	1648	7.64	5052	10.42	2774	14.29
09 C0AK0	1730	7.64	5326	10.42	2909	14.29
10 C0AJ9	2031	7.64	6538	10.41	4535	14.29
11 SLCS015	1772	7.65	5249	10.43	2988	14.29
12 SLCS017	1487	7.65	4561	10.44	2435	14.30

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.: BM040424 SAS No.: BM040424 SDG NO.: BM040424

EPA Sample No.: SSTD0.4063 Date Analyzed: Apr 5 2024 12:00AM

Lab File ID: BM044950.D Time Analyzed: 16:08

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	2083	7.644	5961	10.43	3207	14.30
UPPER LIMIT	4166	8.144	11922	10.93	6414	14.797
LOWER LIMIT	1041.5	7.144	2980.5	9.93	1603.5	13.797
EPA SAMPLE NO.						
01 SBLK017	1752	7.64	5334	10.41	2910	14.29
02 C0AJ9DL	1864	7.64	5664	10.42	3457	14.29

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.: BM040424 SAS No.: BM040424 SDG NO.: BM040424

EPA Sample No.: SSTD0.4024 Date Analyzed: Apr 3 2024 12:00AM

Lab File ID: BM044898.D Time Analyzed: 21:51

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	6981	17.068	7240	21.272	9261	23.505
	UPPER LIMIT	13962	17.568	14480	21.772	18522	24.005
	LOWER LIMIT	3490.5	16.568	3620	20.772	4630.5	23.005
	EPA SAMPLE NO.						
01	SICV028	9138	17.06	9214	21.27	11847	23.50
02	SBLK946	7767	17.05	7289	21.28	7044	23.50
03	SBLK948	7753	17.05	6763	21.29	6106	23.50
04	C0AH3	6651	17.06	6453	21.28	5967	23.51
05	C0AH4	7438	17.05	7171	21.27	6704	23.50
06	C0AH5	6806	17.05	6285	21.28	5677	23.50
07	C0AH6	7341	17.05	7052	21.28	6623	23.50
08	C0AH7	6564	17.05	6078	21.28	5524	23.50
09	SBLK840	7661	17.05	7042	21.28	6752	23.50
10	E0LY5	11059	17.05	9222	21.26	10917	23.49
11	E0LY5MS	10530	17.05	7825	21.26	11084	23.49
12	E0LY5MSD	10012	17.05	7918	21.26	10253	23.50
13	E0LY8	11896	17.06	9847	21.26	12227	23.50
14	E0LY9	9172	17.06	7527	21.27	9947	23.50
15	SLCS946	8054	17.06	7473	21.27	9290	23.50
16	SLCS948	8659	17.06	8123	21.27	10201	23.50
17	SLCS840	0 *	0.00 *	0 *	0.00 *	0 *	0.00
18	SBLK988	10073	17.05	8100	21.27	9027	23.50
19	SBLK990	6468	17.05	5536	21.27	6163	23.50
20	C0AJ0	8082	17.05	7423	21.26	8290	23.49
21	C0AJ1	7644	17.05	6797	21.27	7602	23.49

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM040424 SAS No.: BM040424 SDG NO.: BM040424

EPA Sample No.: SSTD0.4024 Date Analyzed: Apr 4 2024 12:00AM

Lab File ID: BM044898.D Time Analyzed: 22:38

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	6981	17.068	7240	21.272	9261	23.505
	UPPER LIMIT	13962	17.568	14480	21.772	18522	24.005
	LOWER LIMIT	3490.5	16.568	3620	20.772	4630.5	23.005
	EPA SAMPLE NO.						
22	C0AJ2	8220	17.05	7475	21.27	8198	23.49
23	C0AJ4	8773	17.05	7989	21.26	8695	23.49
24	C0AK5	8343	17.05	7689	21.26	7800	23.49
25	C0AK8	7592	17.05	6531	21.26	7400	23.49
26	C0AK9	6776	17.05	5726	21.27	6315	23.49
27	C0AL1	7039	17.05	6178	21.26	6789	23.49
28	C0AL5	7197	17.05	5982	21.26	6667	23.49
29	C0AL7	7496	17.05	6280	21.27	6924	23.49
30	SLCS988	5282	17.06	4759	21.26	6321	23.49
31	SLCS990	5905	17.06	5381	21.26	7021	23.49
32	SP6474	7880	17.05	6134	21.27	6552	23.49
33	SBLK015	8478	17.05	7737	21.27	7555	23.50
34	SLCS840	6276	17.06	5661	21.26	7209	23.49
35	C0AJ3	8507	17.05	8291	21.26	8447	23.49
36	C0AJ5	7601	17.05	7685	21.26	7784	23.49
37	C0AJ6	5711	17.05	5326	21.27	6029	23.49
38	C0AJ7	6156	17.05	5763	21.26	5503	23.49
39	C0AJ8	6147	17.05	5633	21.26	5560	23.49
40	C0AJ9	6215	17.05	5768	21.27	5631	23.49
41	C0AK0	6557	17.05	6227	21.26	6207	23.49
42	C0AJ9	10307	17.05	9111	21.26	8747	23.48

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM040424 SAS No.: BM040424 SDG NO.: BM040424

EPA Sample No.: SSTD0.4024 Date Analyzed: Apr 5 2024 12:00AM

Lab File ID: BM044898.D Time Analyzed: 14:20

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	6981	17.068	7240	21.272	9261	23.505
UPPER LIMIT	13962	17.568	14480	21.772	18522	24.005
LOWER LIMIT	3490.5	16.568	3620	20.772	4630.5	23.005
EPA SAMPLE NO.						
43 SLCS015	6999	17.06	6495	21.26	8398	23.49
44 SLCS017	5627	17.06	5384	21.27	7072	23.49
45 SBLK017	6467	17.05	5987	21.27	5749	23.49
46 C0AJ9DL	7752	17.05	6982	21.26	8623	23.48

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.: BM040424 SAS No.: BM040424 SDG NO.: BM040424

EPA Sample No.: SSTD0.4060 Date Analyzed: Apr 4 2024 12:00AM

Lab File ID: BM044904.D Time Analyzed: 09:19

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	6801	17.069	6593	21.271	8587	23.507
	UPPER LIMIT	13602	17.569	13186	21.771	17174	24.007
	LOWER LIMIT	3400.5	16.569	3296.5	20.771	4293.5	23.007
	EPA SAMPLE NO.						
01	SBLK946	7767	17.05	7289	21.28	7044	23.50
02	SBLK948	7753	17.05	6763	21.29	6106	23.50
03	C0AH3	6651	17.06	6453	21.28	5967	23.51
04	C0AH4	7438	17.05	7171	21.27	6704	23.50
05	C0AH5	6806	17.05	6285	21.28	5677	23.50
06	C0AH6	7341	17.05	7052	21.28	6623	23.50
07	C0AH7	6564	17.05	6078	21.28	5524	23.50
08	SBLK840	7661	17.05	7042	21.28	6752	23.50
09	E0LY5	11059	17.05	9222	21.26	10917	23.49
10	E0LY5MS	10530	17.05	7825	21.26	11084	23.49
11	E0LY5MSD	10012	17.05	7918	21.26	10253	23.50
12	E0LY8	11896	17.06	9847	21.26	12227	23.50
13	E0LY9	9172	17.06	7527	21.27	9947	23.50
14	SLCS946	8054	17.06	7473	21.27	9290	23.50
15	SLCS948	8659	17.06	8123	21.27	10201	23.50
16	SLCS840	0 *	0.00 *	0 *	0.00 *	0 *	0.00 *

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM040424 SAS No.: BM040424 SDG NO.: BM040424

EPA Sample No.: SSTD0.4060 Date Analyzed: Apr 4 2024 12:00AM

Lab File ID: BM044904.D Time Analyzed: 18:25

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	6801	17.069	6593	21.271	8587	23.507
UPPER LIMIT	13602	17.569	13186	21.771	17174	24.007
LOWER LIMIT	3400.5	16.569	3296.5	20.771	4293.5	23.007
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.: BM040424 SAS No.: BM040424 SDG NO.: BM040424

EPA Sample No.: SSTD0.4061 Date Analyzed: Apr 4 2024 12:00AM

Lab File ID: BM044921.D Time Analyzed: 20:13

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	9444	17.061	8103	21.268	10738	23.498
	UPPER LIMIT	18888	17.561	16206	21.768	21476	23.998
	LOWER LIMIT	4722	16.561	4051.5	20.768	5369	22.998
	EPA SAMPLE NO.						
01	SBLK988	10073	17.05	8100	21.27	9027	23.50
02	SBLK990	6468	17.05	5536	21.27	6163	23.50
03	C0AJ0	8082	17.05	7423	21.26	8290	23.49
04	C0AJ1	7644	17.05	6797	21.27	7602	23.49
05	C0AJ2	8220	17.05	7475	21.27	8198	23.49
06	C0AJ4	8773	17.05	7989	21.26	8695	23.49
07	C0AK5	8343	17.05	7689	21.26	7800	23.49
08	C0AK8	7592	17.05	6531	21.26	7400	23.49
09	C0AK9	6776	17.05	5726	21.27	6315	23.49
10	C0AL1	7039	17.05	6178	21.26	6789	23.49
11	C0AL5	7197	17.05	5982	21.26	6667	23.49
12	C0AL7	7496	17.05	6280	21.27	6924	23.49
13	SLCS988	5282	17.06	4759	21.26	6321	23.49
14	SLCS990	5905	17.06	5381	21.26	7021	23.49
15	SP6474	7880	17.05	6134	21.27	6552	23.49

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM040424 SAS No.: BM040424 SDG NO.: BM040424

EPA Sample No.: SSTD0.4061 Date Analyzed: Apr 5 2024 12:00AM

Lab File ID: BM044921.D Time Analyzed: 04:38

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	9444	17.061	8103	21.268	10738	23.498
UPPER LIMIT	18888	17.561	16206	21.768	21476	23.998
LOWER LIMIT	4722	16.561	4051.5	20.768	5369	22.998
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.: BM040424 SAS No.: BM040424 SDG NO.: BM040424

EPA Sample No.: SSTD0.4062 Date Analyzed: Apr 5 2024 12:00AM

Lab File ID: BM044937.D Time Analyzed: 08:19

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	7870	17.06	6992	21.263	8991	23.493
UPPER LIMIT	15740	17.56	13984	21.763	17982	23.993
LOWER LIMIT	3935	16.56	3496	20.763	4495.5	22.993
EPA SAMPLE NO.						
01 SBLK015	8478	17.05	7737	21.27	7555	23.50
02 SLCS840	6276	17.06	5661	21.26	7209	23.49
03 C0AJ3	8507	17.05	8291	21.26	8447	23.49
04 C0AJ5	7601	17.05	7685	21.26	7784	23.49
05 C0AJ6	5711	17.05	5326	21.27	6029	23.49
06 C0AJ7	6156	17.05	5763	21.26	5503	23.49
07 C0AJ8	6147	17.05	5633	21.26	5560	23.49
08 C0AJ9	6215	17.05	5768	21.27	5631	23.49
09 C0AK0	6557	17.05	6227	21.26	6207	23.49
10 C0AJ9	10307	17.05	9111	21.26	8747	23.48
11 SLCS015	6999	17.06	6495	21.26	8398	23.49
12 SLCS017	5627	17.06	5384	21.27	7072	23.49

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.: BM040424 SAS No.: BM040424 SDG NO.: BM040424

EPA Sample No.: SSTD0.4063 Date Analyzed: Apr 5 2024 12:00AM

Lab File ID: BM044950.D Time Analyzed: 16:08

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	7531	17.056	7375	21.263	9619	23.49
UPPER LIMIT	15062	17.556	14750	21.763	19238	23.99
LOWER LIMIT	3765.5	16.556	3687.5	20.763	4809.5	22.99
EPA SAMPLE NO.						
01 SBLK017	6467	17.05	5987	21.27	5749	23.49
02 C0AJ9DL	7752	17.05	6982	21.26	8623	23.48

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.: BM040424

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
SSTDICV0.4	1,4-Dioxane	0.4	0	ug/L	0				0	0		
	Naphthalene	0.4	0	ug/L	0				0	0		
	1-Methylnaphthalene	0.4	0	ug/L	0				0	0		
	2-Methylnaphthalene	0.4	0	ug/L	0				0	0		
	Acenaphthylene	0.4	0	ug/L	0				0	0		
	Acenaphthene	0.4	0	ug/L	0				0	0		
	Fluorene	0.4	0	ug/L	0				0	0		
	Pentachlorophenol	0.4	0	ug/L	0				0	0		
	Phenanthrene	0.4	0	ug/L	0				0	0		
	Anthracene	0.4	0	ug/L	0				0	0		
	Fluoranthene	0.4	0	ug/L	0				0	0		
	Pyrene	0.4	0	ug/L	0				0	0		
	Benzo(a)anthracene	0.4	0	ug/L	0				0	0		
	Chrysene	0.4	0	ug/L	0				0	0		
	Benzo(b)fluoranthene	0.4	0	ug/L	0				0	0		
	Benzo(k)fluoranthene	0.4	0	ug/L	0				0	0		
	Benzo(a)pyrene	0.4	0	ug/L	0				0	0		
	Indeno(1,2,3-cd)pyrene	0.4	0	ug/L	0				0	0		
	Dibenzo(a,h)anthracene	0.4	0	ug/L	0				0	0		
	Benzo(g,h,i)perylene	0.4	0	ug/L	0				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM040424

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB159840BS	1,4-Dioxane	66.7		ug/Kg					0	0		
	1,4-Dioxane	66.7	74	ug/Kg	111				0	0		
	Naphthalene	13.3		ug/Kg					0	0		
	Naphthalene	13.3	14	ug/Kg	105				0	0		
	1-Methylnaphthalene	13.3	14	ug/Kg	105				0	0		
	1-Methylnaphthalene	13.3		ug/Kg					0	0		
	2-Methylnaphthalene	13.3		ug/Kg					0	0		
	2-Methylnaphthalene	13.3	14	ug/Kg	105				0	0		
	Acenaphthylene	13.3	14	ug/Kg	105				0	0		
	Acenaphthylene	13.3		ug/Kg					0	0		
	Acenaphthene	13.3	14	ug/Kg	105				0	0		
	Acenaphthene	13.3		ug/Kg					0	0		
	Fluorene	13.3		ug/Kg					0	0		
	Fluorene	13.3	14	ug/Kg	105				0	0		
	Pentachlorophenol	26.7	35	ug/Kg	131				0	0		
	Pentachlorophenol	26.7		ug/Kg					0	0		
	Phenanthrene	13.3		ug/Kg					0	0		
	Phenanthrene	13.3	15	ug/Kg	113				0	0		
	Anthracene	13.3		ug/Kg					0	0		
	Anthracene	13.3	15	ug/Kg	113				0	0		
	Fluoranthene	13.3		ug/Kg					0	0		
	Fluoranthene	13.3	16	ug/Kg	120				0	0		
	Pyrene	13.3	16	ug/Kg	120				0	0		
	Pyrene	13.3		ug/Kg					0	0		
	Benzo(a)anthracene	13.3		ug/Kg					0	0		
	Benzo(a)anthracene	13.3	16	ug/Kg	120				0	0		
	Chrysene	13.3		ug/Kg					0	0		
	Chrysene	13.3	15	ug/Kg	113				0	0		
	Benzo(b)fluoranthene	13.3	15	ug/Kg	113				0	0		
	Benzo(b)fluoranthene	13.3		ug/Kg					0	0		
	Benzo(k)fluoranthene	13.3		ug/Kg					0	0		
	Benzo(k)fluoranthene	13.3	15	ug/Kg	113				0	0		
	Benzo(a)pyrene	13.3		ug/Kg					0	0		
	Benzo(a)pyrene	13.3	15	ug/Kg	113				0	0		
	Indeno(1,2,3-cd)pyrene	13.3		ug/Kg					0	0		
	Indeno(1,2,3-cd)pyrene	13.3	15	ug/Kg	113				0	0		
	Dibenzo(a,h)anthracene	13.3	15	ug/Kg	113				0	0		
	Dibenzo(a,h)anthracene	13.3		ug/Kg					0	0		
	Benzo(g,h,i)perylene	13.3		ug/Kg					0	0		
	Benzo(g,h,i)perylene	13.3	15	ug/Kg	113				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM040424

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB159946BS	1,4-Dioxane	2	1.8	ug/L	90				0	0	
	Naphthalene	0.4	0.38	ug/L	95				0	0	
	1-Methylnaphthalene	0.4	0.38	ug/L	95				0	0	
	2-Methylnaphthalene	0.4	0.39	ug/L	98				0	0	
	Acenaphthylene	0.4	0.41	ug/L	103				0	0	
	Acenaphthene	0.4	0.38	ug/L	95				0	0	
	Fluorene	0.4	0.37	ug/L	93				0	0	
	Pentachlorophenol	0.8	0.94	ug/L	117				0	0	
	Phenanthrene	0.4	0.4	ug/L	100				0	0	
	Anthracene	0.4	0.42	ug/L	105				0	0	
	Fluoranthene	0.4	0.44	ug/L	110				0	0	
	Pyrene	0.4	0.44	ug/L	110				0	0	
	Benzo(a)anthracene	0.4	0.43	ug/L	108				0	0	
	Chrysene	0.4	0.38	ug/L	95				0	0	
	Benzo(b)fluoranthene	0.4	0.37	ug/L	93				0	0	
	Benzo(k)fluoranthene	0.4	0.36	ug/L	90				0	0	
	Benzo(a)pyrene	0.4	0.39	ug/L	98				0	0	
	Indeno(1,2,3-cd)pyrene	0.4	0.37	ug/L	93				0	0	
	Dibenzo(a,h)anthracene	0.4	0.37	ug/L	93				0	0	
	Benzo(g,h,i)perylene	0.4	0.35	ug/L	88				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM040424

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB159948BS	1,4-Dioxane	2	1.8	ug/L	90				0	0		
	Naphthalene	0.4	0.37	ug/L	93				0	0		
	1-Methylnaphthalene	0.4	0.37	ug/L	93				0	0		
	2-Methylnaphthalene	0.4	0.38	ug/L	95				0	0		
	Acenaphthylene	0.4	0.39	ug/L	98				0	0		
	Acenaphthene	0.4	0.38	ug/L	95				0	0		
	Fluorene	0.4	0.36	ug/L	90				0	0		
	Pentachlorophenol	0.8	0.93	ug/L	116				0	0		
	Phenanthrene	0.4	0.39	ug/L	98				0	0		
	Anthracene	0.4	0.4	ug/L	100				0	0		
	Fluoranthene	0.4	0.41	ug/L	103				0	0		
	Pyrene	0.4	0.42	ug/L	105				0	0		
	Benzo(a)anthracene	0.4	0.43	ug/L	108				0	0		
	Chrysene	0.4	0.37	ug/L	93				0	0		
	Benzo(b)fluoranthene	0.4	0.36	ug/L	90				0	0		
	Benzo(k)fluoranthene	0.4	0.36	ug/L	90				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	0.34	ug/L	85				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM040424

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB159988BS	1,4-Dioxane	2	2.1	ug/L	105				0	0	
	Naphthalene	0.4	0.39	ug/L	98				0	0	
	1-Methylnaphthalene	0.4	0.36	ug/L	90				0	0	
	2-Methylnaphthalene	0.4	0.38	ug/L	95				0	0	
	Acenaphthylene	0.4	0.38	ug/L	95				0	0	
	Acenaphthene	0.4	0.39	ug/L	98				0	0	
	Fluorene	0.4	0.37	ug/L	93				0	0	
	Pentachlorophenol	0.8	0.98	ug/L	123				0	0	
	Phenanthrene	0.4	0.4	ug/L	100				0	0	
	Anthracene	0.4	0.41	ug/L	103				0	0	
	Fluoranthene	0.4	0.45	ug/L	113				0	0	
	Pyrene	0.4	0.45	ug/L	113				0	0	
	Benzo(a)anthracene	0.4	0.44	ug/L	110				0	0	
	Chrysene	0.4	0.42	ug/L	105				0	0	
	Benzo(b)fluoranthene	0.4	0.41	ug/L	103				0	0	
	Benzo(k)fluoranthene	0.4	0.41	ug/L	103				0	0	
	Benzo(a)pyrene	0.4	0.41	ug/L	103				0	0	
	Indeno(1,2,3-cd)pyrene	0.4	0.41	ug/L	103				0	0	
	Dibenzo(a,h)anthracene	0.4	0.41	ug/L	103				0	0	
	Benzo(g,h,i)perylene	0.4	0.41	ug/L	103				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM040424

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB159990BS	1,4-Dioxane	2	2.3	ug/L	115				0	0	
	Naphthalene	0.4	0.42	ug/L	105				0	0	
	1-Methylnaphthalene	0.4	0.42	ug/L	105				0	0	
	2-Methylnaphthalene	0.4	0.43	ug/L	108				0	0	
	Acenaphthylene	0.4	0.42	ug/L	105				0	0	
	Acenaphthene	0.4	0.42	ug/L	105				0	0	
	Fluorene	0.4	0.42	ug/L	105				0	0	
	Pentachlorophenol	0.8	1.1	ug/L	138				0	0	
	Phenanthrene	0.4	0.44	ug/L	110				0	0	
	Anthracene	0.4	0.46	ug/L	115				0	0	
	Fluoranthene	0.4	0.49	ug/L	123				0	0	
	Pyrene	0.4	0.49	ug/L	123				0	0	
	Benzo(a)anthracene	0.4	0.49	ug/L	123				0	0	
	Chrysene	0.4	0.46	ug/L	115				0	0	
	Benzo(b)fluoranthene	0.4	0.45	ug/L	113				0	0	
	Benzo(k)fluoranthene	0.4	0.44	ug/L	110				0	0	
	Benzo(a)pyrene	0.4	0.46	ug/L	115				0	0	
	Indeno(1,2,3-cd)pyrene	0.4	0.46	ug/L	115				0	0	
	Dibenzo(a,h)anthracene	0.4	0.46	ug/L	115				0	0	
	Benzo(g,h,i)perylene	0.4	0.45	ug/L	113				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM040424

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB160015BS	1,4-Dioxane	2	2	ug/L	100				0	0		
	Naphthalene	0.4	0.38	ug/L	95				0	0		
	1-Methylnaphthalene	0.4	0.37	ug/L	93				0	0		
	2-Methylnaphthalene	0.4	0.38	ug/L	95				0	0		
	Acenaphthylene	0.4	0.38	ug/L	95				0	0		
	Acenaphthene	0.4	0.39	ug/L	98				0	0		
	Fluorene	0.4	0.39	ug/L	98				0	0		
	Pentachlorophenol	0.8	0.94	ug/L	117				0	0		
	Phenanthrene	0.4	0.39	ug/L	98				0	0		
	Anthracene	0.4	0.4	ug/L	100				0	0		
	Fluoranthene	0.4	0.42	ug/L	105				0	0		
	Pyrene	0.4	0.42	ug/L	105				0	0		
	Benzo(a)anthracene	0.4	0.42	ug/L	105				0	0		
	Chrysene	0.4	0.39	ug/L	98				0	0		
	Benzo(b)fluoranthene	0.4	0.39	ug/L	98				0	0		
	Benzo(k)fluoranthene	0.4	0.37	ug/L	93				0	0		
	Benzo(a)pyrene	0.4	0.39	ug/L	98				0	0		
	Indeno(1,2,3-cd)pyrene	0.4	0.39	ug/L	98				0	0		
	Dibenzo(a,h)anthracene	0.4	0.39	ug/L	98				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.: BM040424

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB160017BS	1,4-Dioxane	2	2	ug/L	100				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	0.34	ug/L	85				0	0	
	Acenaphthylene	0.4	0.35	ug/L	88				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	0.72	ug/L	90				0	0	
	Phenanthrene	0.4	0.34	ug/L	85				0	0	
	Anthracene	0.4	0.35	ug/L	88				0	0	
	Fluoranthene	0.4	0.36	ug/L	90				0	0	
	Pyrene	0.4	0.37	ug/L	93				0	0	
	Benzo(a)anthracene	0.4	0.37	ug/L	93				0	0	
	Chrysene	0.4	0.36	ug/L	90				0	0	
	Benzo(b)fluoranthene	0.4	0.35	ug/L	88				0	0	
	Benzo(k)fluoranthene	0.4	0.34	ug/L	85				0	0	
	Benzo(a)pyrene	0.4	0.36	ug/L	90				0	0	
	Indeno(1,2,3-cd)pyrene	0.4	0.36	ug/L	90				0	0	
	Dibenzo(a,h)anthracene	0.4	0.36	ug/L	90				0	0	
	Benzo(g,h,i)perylene	0.4	0.35	ug/L	88				0	0	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SP6474

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM040424

SAS No.: BM040424 SDG NO.: BM040424

Lab File ID: BM044936.D

Lab Sample ID: SP6474

Instrument ID: BNA_M

Date Extracted: _____

Matrix: (soil/water) Water

Date Analyzed: 04/05/2024

Level: (low/med) LOW

Time Analyzed: 04:38

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
SP6474	SP6474	BM044936.D	04/05/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK840

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM040424

SAS No.: BM040424 SDG NO.: BM040424

Lab File ID: BM044912.D

Lab Sample ID: PB159840BL

Instrument ID: BNA_M

Date Extracted: 03/28/2024

Matrix: (soil/water) Solid

Date Analyzed: 04/04/2024

Level: (low/med) LOW

Time Analyzed: 13:35

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E0LY5	P1849-01	BM044913.D	04/04/2024
E0LY5MS	P1849-02MS	BM044914.D	04/04/2024
E0LY5MSD	P1849-03MSD	BM044915.D	04/04/2024
E0LY8	P1849-04	BM044916.D	04/04/2024
E0LY9	P1849-05	BM044917.D	04/04/2024
PB159840BS	PB159840BS	BM044920.D	04/04/2024
PB159840BS	PB159840BS	BM044939.D	04/05/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK946

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM040424

SAS No.: BM040424 SDG NO.: BM040424

Lab File ID: BM044905.D

Lab Sample ID: PB159946BL

Instrument ID: BNA_M

Date Extracted: 04/02/2024

Matrix: (soil/water) Water

Date Analyzed: 04/04/2024

Level: (low/med) LOW

Time Analyzed: 09:19

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
C0AH3	P1948-01	BM044907.D	04/04/2024
C0AH4	P1948-02	BM044908.D	04/04/2024
C0AH5	P1948-03	BM044909.D	04/04/2024
C0AH6	P1948-04	BM044910.D	04/04/2024
C0AH7	P1948-05	BM044911.D	04/04/2024
PB159946BS	PB159946BS	BM044918.D	04/04/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK948

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM040424

SAS No.: BM040424 SDG NO.: BM040424

Lab File ID: BM044906.D

Lab Sample ID: PB159948BL

Instrument ID: BNA_M

Date Extracted: 04/02/2024

Matrix: (soil/water) Water

Date Analyzed: 04/04/2024

Level: (low/med) LOW

Time Analyzed: 09:55

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB159948BS	PB159948BS	BM044919.D	04/04/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK988

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM040424

SAS No.: BM040424 SDG NO.: BM040424

Lab File ID: BM044922.D

Lab Sample ID: PB159988BL

Instrument ID: BNA_M

Date Extracted: 04/03/2024

Matrix: (soil/water) Water

Date Analyzed: 04/04/2024

Level: (low/med) LOW

Time Analyzed: 20:13

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
C0AJ0	P1948-12	BM044924.D	04/04/2024
C0AJ1	P1948-13	BM044925.D	04/04/2024
C0AJ2	P1948-14	BM044926.D	04/04/2024
C0AJ4	P1948-15	BM044927.D	04/04/2024
C0AK5	P1948-16	BM044928.D	04/04/2024
PB159988BS	PB159988BS	BM044934.D	04/05/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK990

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM040424

SAS No.: BM040424 SDG NO.: BM040424

Lab File ID: BM044923.D

Lab Sample ID: PB159990BL

Instrument ID: BNA_M

Date Extracted: 04/03/2024

Matrix: (soil/water) Water

Date Analyzed: 04/04/2024

Level: (low/med) LOW

Time Analyzed: 20:50

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
C0AK8	P1948-17	BM044929.D	04/05/2024
C0AK9	P1948-18	BM044930.D	04/05/2024
C0AL1	P1948-19	BM044931.D	04/05/2024
C0AL5	P1948-20	BM044932.D	04/05/2024
C0AL7	P1948-21	BM044933.D	04/05/2024
PB159990BS	PB159990BS	BM044935.D	04/05/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK015

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM040424

SAS No.: BM040424 SDG NO.: BM040424

Lab File ID: BM044938.D

Lab Sample ID: PB160015BL

Instrument ID: BNA_M

Date Extracted: 04/04/2024

Matrix: (soil/water) Water

Date Analyzed: 04/05/2024

Level: (low/med) LOW

Time Analyzed: 08:19

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB160015BS	PB160015BS	BM044948.D	04/05/2024
C0AJ3	P1970-03	BM044940.D	04/05/2024
C0AJ5	P1970-04	BM044941.D	04/05/2024
C0AJ6	P1970-05	BM044942.D	04/05/2024
C0AJ7	P1970-06	BM044943.D	04/05/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK017

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM040424

SAS No.: BM040424 SDG NO.: BM040424

Lab File ID: BM044951.D

Lab Sample ID: PB160017BL

Instrument ID: BNA_M

Date Extracted: 04/04/2024

Matrix: (soil/water) Water

Date Analyzed: 04/05/2024

Level: (low/med) LOW

Time Analyzed: 16:08

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB160017BS	PB160017BS	BM044949.D	04/05/2024
C0AJ8	P1970-07	BM044944.D	04/05/2024
C0AJ9	P1970-08	BM044945.D	04/05/2024
C0AK0	P1970-09	BM044946.D	04/05/2024
C0AJ9	P1992-01	BM044947.D	04/05/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM040424

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P1849-02MS	Client Sample ID:	E0LY5MS					DataFile:	BM044914.D		
1,4-Dioxane	81.6		20	ug/Kg	25				15	120	
Naphthalene	16.3		59	ug/Kg	362				0	0	
1-Methylnaphthalene	16.3		180	ug/Kg	1104				0	0	
2-Methylnaphthalene	16.3		260	ug/Kg	1595				0	0	
Acenaphthylene	16.3		13	ug/Kg	80				0	0	
Acenaphthene	16.3		140	ug/Kg	859	*			31	137	
Fluorene	16.3		170	ug/Kg	1043				0	0	
Pentachlorophenol	32.6		14	ug/Kg	43				17	109	
Phenanthrene	16.3		1600	ug/Kg	9816				0	0	
Anthracene	16.3		340	ug/Kg	2086				0	0	
Fluoranthene	16.3		2200	ug/Kg	13497				0	0	
Pyrene	16.3		1600	ug/Kg	9816	*			35	142	
Benzo(a)anthracene	16.3		750	ug/Kg	4601				0	0	
Chrysene	16.3		580	ug/Kg	3558				0	0	
Benzo(b)fluoranthene	16.3		620	ug/Kg	3804				0	0	
Benzo(k)fluoranthene	16.3		200	ug/Kg	1227				0	0	
Benzo(a)pyrene	16.3		390	ug/Kg	2393				0	0	
Indeno(1,2,3-cd)pyrene	16.3		210	ug/Kg	1288				0	0	
Dibenzo(a,h)anthracene	16.3		70	ug/Kg	429				0	0	
Benzo(g,h,i)perylene	16.3		220	ug/Kg	1350				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM040424

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P1849-03MSD	Client Sample ID:	E0LY5MSD					DataFile:	BM044915.D		
1,4-Dioxane	81.5		21	ug/Kg	26		4		15	120	50
Naphthalene	16.3		59	ug/Kg	362		0		0	0	0
1-Methylnaphthalene	16.3		180	ug/Kg	1104		0		0	0	0
2-Methylnaphthalene	16.3		260	ug/Kg	1595		0		0	0	0
Acenaphthylene	16.3		13	ug/Kg	80		0		0	0	0
Acenaphthene	16.3		140	ug/Kg	859	*	0		31	137	19
Fluorene	16.3		170	ug/Kg	1043		0		0	0	0
Pentachlorophenol	32.6		13	ug/Kg	40		7		17	109	47
Phenanthrene	16.3		1600	ug/Kg	9816		0		0	0	0
Anthracene	16.3		350	ug/Kg	2147		3	*	0	0	0
Fluoranthene	16.3		2000	ug/Kg	12270		10	*	0	0	0
Pyrene	16.3		1500	ug/Kg	9202	*	6		35	142	36
Benzo(a)anthracene	16.3		690	ug/Kg	4233		8	*	0	0	0
Chrysene	16.3		530	ug/Kg	3252		9	*	0	0	0
Benzo(b)fluoranthene	16.3		620	ug/Kg	3804		0		0	0	0
Benzo(k)fluoranthene	16.3		200	ug/Kg	1227		0		0	0	0
Benzo(a)pyrene	16.3		390	ug/Kg	2393		0		0	0	0
Indeno(1,2,3-cd)pyrene	16.3		210	ug/Kg	1288		0		0	0	0
Dibenzo(a,h)anthracene	16.3		71	ug/Kg	436		2	*	0	0	0
Benzo(g,h,i)perylene	16.3		220	ug/Kg	1350		0		0	0	0



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

Surrogate Summary

SW-846

SDG No.: BM040424

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
SP6474	SP6474	BM044936.D	1,4-Dioxane-d8	8	14,046.00	175575	*	15	120
			Fluoranthene-d10	0.4	903.00	225750	*	30	130
			2-Methylnaphthalene-d10	0.4	832.00	208000	*	30	130

Surrogate Summary

SW-846

SDG No.: **BM040424**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P1849-01	E0LY5	BM044913.D	1,4-Dioxane-d8	8	2.32	29		15	120
			Fluoranthene-d10	0.4	0.26	65		30	130
			2-Methylnaphthalene-d10	0.4	0.21	52		20	140
P1849-02MS	E0LY5MS	BM044914.D	1,4-Dioxane-d8	0.8	0.18	22		15	120
			Fluoranthene-d10	0.4	0.22	56		30	130
			2-Methylnaphthalene-d10	0.4	0.16	39		20	140
P1849-03MSD	E0LY5MSD	BM044915.D	1,4-Dioxane-d8	0.8	0.19	24		15	120
			Fluoranthene-d10	0.4	0.21	52		30	130
			2-Methylnaphthalene-d10	0.4	0.16	40		20	140
P1849-04	E0LY8	BM044916.D	1,4-Dioxane-d8	8	2.39	30		15	120
			Fluoranthene-d10	0.4	0.23	58		30	130
			2-Methylnaphthalene-d10	0.4	0.19	47		20	140
P1849-05	E0LY9	BM044917.D	1,4-Dioxane-d8	8	2.99	37		15	120
			Fluoranthene-d10	0.4	0.30	74		30	130
			2-Methylnaphthalene-d10	0.4	0.24	59		20	140
PB159840BL	PB159840BL	BM044912.D	1,4-Dioxane-d8	8	4.71	59		15	120
			Fluoranthene-d10	0.4	0.27	68		30	130
			2-Methylnaphthalene-d10	0.4	0.26	64		20	140
PB159840BS	PB159840BS	BM044920.D	1,4-Dioxane-d8	0.8	0.00	0	*	15	120
		BM044939.D	1,4-Dioxane-d8	0.8	0.77	96		15	120
			Fluoranthene-d10	0.4	0.47	118		30	130
		BM044920.D	Fluoranthene-d10	0.4	0.00	0	*	30	130
			2-Methylnaphthalene-d10	0.4	0.00	0	*	20	140
		BM044939.D	2-Methylnaphthalene-d10	0.4	0.39	98		20	140

Surrogate Summary

SW-846

SDG No.: **BM040424**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
				(PPM)	(PPM)			Low	High
P1948-01	C0AH3	BM044907.D	1,4-Dioxane-d8	8	4.06	51		15	120
			Fluoranthene-d10	0.4	0.34	84		30	130
			2-Methylnaphthalene-d10	0.4	0.32	79		30	130
P1948-02	C0AH4	BM044908.D	1,4-Dioxane-d8	8	4.32	54		15	120
			Fluoranthene-d10	0.4	0.45	113		30	130
			2-Methylnaphthalene-d10	0.4	0.37	92		30	130
P1948-03	C0AH5	BM044909.D	1,4-Dioxane-d8	8	3.92	49		15	120
			Fluoranthene-d10	0.4	0.45	112		30	130
			2-Methylnaphthalene-d10	0.4	0.35	86		30	130
P1948-04	C0AH6	BM044910.D	1,4-Dioxane-d8	8	4.25	53		15	120
			Fluoranthene-d10	0.4	0.42	106		30	130
			2-Methylnaphthalene-d10	0.4	0.37	92		30	130
P1948-05	C0AH7	BM044911.D	1,4-Dioxane-d8	8	4.43	55		15	120
			Fluoranthene-d10	0.4	0.45	113		30	130
			2-Methylnaphthalene-d10	0.4	0.34	86		30	130
PB159946BL	PB159946BL	BM044905.D	1,4-Dioxane-d8	8	5.64	71		15	120
			Fluoranthene-d10	0.4	0.33	83		30	130
			2-Methylnaphthalene-d10	0.4	0.31	77		30	130
PB159946BS	PB159946BS	BM044918.D	1,4-Dioxane-d8	0.8	0.62	77		15	120
			Fluoranthene-d10	0.4	0.42	105		30	130
			2-Methylnaphthalene-d10	0.4	0.37	93		30	130



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

Surrogate Summary

SW-846

SDG No.: BM040424

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
				(PPM)	(PPM)			Low	High
PB159948BL	PB159948BL	BM044906.D	1,4-Dioxane-d8	8	5.40	67		15	120
			Fluoranthene-d10	0.4	0.32	81		30	130
			2-Methylnaphthalene-d10	0.4	0.30	75		30	130
PB159948BS	PB159948BS	BM044919.D	1,4-Dioxane-d8	0.8	0.61	76		15	120
			Fluoranthene-d10	0.4	0.40	100		30	130
			2-Methylnaphthalene-d10	0.4	0.36	91		30	130

Surrogate Summary

SW-846

SDG No.: **BM040424**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
				(PPM)	(PPM)			Low	High
P1948-12	C0AJ0	BM044924.D	1,4-Dioxane-d8	8	4.36	55		15	120
			Fluoranthene-d10	0.4	0.35	88		30	130
			2-Methylnaphthalene-d10	0.4	0.26	64		30	130
P1948-13	C0AJ1	BM044925.D	1,4-Dioxane-d8	8	3.76	47		15	120
			Fluoranthene-d10	0.4	0.34	86		30	130
			2-Methylnaphthalene-d10	0.4	0.27	67		30	130
P1948-14	C0AJ2	BM044926.D	1,4-Dioxane-d8	8	4.24	53		15	120
			Fluoranthene-d10	0.4	0.47	116		30	130
			2-Methylnaphthalene-d10	0.4	0.37	91		30	130
P1948-15	C0AJ4	BM044927.D	1,4-Dioxane-d8	8	3.91	49		15	120
			Fluoranthene-d10	0.4	0.42	104		30	130
			2-Methylnaphthalene-d10	0.4	0.33	82		30	130
P1948-16	C0AK5	BM044928.D	1,4-Dioxane-d8	8	4.34	54		15	120
			Fluoranthene-d10	0.4	0.40	100		30	130
			2-Methylnaphthalene-d10	0.4	0.30	74		30	130
PB159988BL	PB159988BL	BM044922.D	1,4-Dioxane-d8	8	5.31	66		15	120
			Fluoranthene-d10	0.4	0.36	89		30	130
			2-Methylnaphthalene-d10	0.4	0.30	76		30	130
PB159988BS	PB159988BS	BM044934.D	1,4-Dioxane-d8	0.8	0.70	88		15	120
			Fluoranthene-d10	0.4	0.43	108		30	130
			2-Methylnaphthalene-d10	0.4	0.35	87		30	130

Surrogate Summary

SW-846

SDG No.: **BM040424**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P1948-17	C0AK8	BM044929.D	1,4-Dioxane-d8	8	4.22	53		15	120
			Fluoranthene-d10	0.4	0.44	111		30	130
			2-Methylnaphthalene-d10	0.4	0.34	84		30	130
P1948-18	C0AK9	BM044930.D	1,4-Dioxane-d8	8	4.31	54		15	120
			Fluoranthene-d10	0.4	0.50	124		30	130
			2-Methylnaphthalene-d10	0.4	0.37	93		30	130
P1948-19	C0AL1	BM044931.D	1,4-Dioxane-d8	8	5.52	69		15	120
			Fluoranthene-d10	0.4	0.49	123		30	130
			2-Methylnaphthalene-d10	0.4	0.39	98		30	130
P1948-20	C0AL5	BM044932.D	1,4-Dioxane-d8	8	3.90	49		15	120
			Fluoranthene-d10	0.4	0.44	109		30	130
			2-Methylnaphthalene-d10	0.4	0.31	77		30	130
P1948-21	C0AL7	BM044933.D	1,4-Dioxane-d8	8	4.71	59		15	120
			Fluoranthene-d10	0.4	0.53	132	*	30	130
			2-Methylnaphthalene-d10	0.4	0.41	103		30	130
PB159990BL	PB159990BL	BM044923.D	1,4-Dioxane-d8	8	6.37	80		15	120
			Fluoranthene-d10	0.4	0.38	95		30	130
			2-Methylnaphthalene-d10	0.4	0.34	85		30	130
PB159990BS	PB159990BS	BM044935.D	1,4-Dioxane-d8	0.8	0.78	97		15	120
			Fluoranthene-d10	0.4	0.47	118		30	130
			2-Methylnaphthalene-d10	0.4	0.41	102		30	130

Surrogate Summary

SW-846

SDG No.: **BM040424**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
				(PPM)	(PPM)			Low	High
P1970-03	C0AJ3	BM044940.D	1,4-Dioxane-d8	8	3.46	43		15	120
			Fluoranthene-d10	0.4	0.33	82		30	130
			2-Methylnaphthalene-d10	0.4	0.26	64		30	130
P1970-04	C0AJ5	BM044941.D	1,4-Dioxane-d8	8	4.06	51		15	120
			Fluoranthene-d10	0.4	0.41	103		30	130
			2-Methylnaphthalene-d10	0.4	0.33	82		30	130
P1970-05	C0AJ6	BM044942.D	1,4-Dioxane-d8	8	4.25	53		15	120
			Fluoranthene-d10	0.4	0.15	38		30	130
			2-Methylnaphthalene-d10	0.4	0.13	32		30	130
P1970-06	C0AJ7	BM044943.D	1,4-Dioxane-d8	8	4.41	55		15	120
			Fluoranthene-d10	0.4	0.44	109		30	130
			2-Methylnaphthalene-d10	0.4	0.37	92		30	130
PB160015BL	PB160015BL	BM044938.D	1,4-Dioxane-d8	8	4.91	61		15	120
			Fluoranthene-d10	0.4	0.29	72		30	130
			2-Methylnaphthalene-d10	0.4	0.28	71		30	130
PB160015BS	PB160015BS	BM044948.D	1,4-Dioxane-d8	0.8	0.70	88		15	120
			Fluoranthene-d10	0.4	0.44	109		30	130
			2-Methylnaphthalene-d10	0.4	0.38	94		30	130

Surrogate Summary

SW-846

SDG No.: **BM040424**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
				(PPM)	(PPM)			Low	High
P1970-07	C0AJ8	BM044944.D	1,4-Dioxane-d8	8	4.48	56		15	120
			Fluoranthene-d10	0.4	0.46	114		30	130
			2-Methylnaphthalene-d10	0.4	0.36	89		30	130
P1970-08	C0AJ9	BM044945.D	1,4-Dioxane-d8	8	3.93	49		15	120
			Fluoranthene-d10	0.4	0.42	105		30	130
			2-Methylnaphthalene-d10	0.4	0.35	86		30	130
P1970-09	C0AK0	BM044946.D	1,4-Dioxane-d8	8	4.29	54		15	120
			Fluoranthene-d10	0.4	0.42	104		30	130
			2-Methylnaphthalene-d10	0.4	0.37	94		30	130
P1992-01	C0AJ9	BM044947.D	1,4-Dioxane-d8	8	3.98	50		15	120
			Fluoranthene-d10	0.4	0.47	117		30	130
			2-Methylnaphthalene-d10	0.4	0.35	88		30	130
P1992-01DL	C0AJ9DL	BM044952.D	1,4-Dioxane-d8	8	4.50	56		15	120
			Fluoranthene-d10	0.4	0.52	129		30	130
			2-Methylnaphthalene-d10	0.4	0.36	90		30	130
PB160017BL	PB160017BL	BM044951.D	1,4-Dioxane-d8	8	5.60	70		15	120
			Fluoranthene-d10	0.4	0.31	77		30	130
			2-Methylnaphthalene-d10	0.4	0.30	75		30	130
PB160017BS	PB160017BS	BM044949.D	1,4-Dioxane-d8	0.8	0.71	88		15	120
			Fluoranthene-d10	0.4	0.37	94		30	130
			2-Methylnaphthalene-d10	0.4	0.33	83		30	130

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM040424

Lab Code: CHEM

SAS No.: BM040424

SDG NO.: BM040424

Lab File ID: BM044895.D

DFTPP Injection Date: 04/03/2024

Instrument ID: BNA_M

DFTPP Injection Time: 17:37

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	45.1
68	Less than 2.0% of mass 69	0.8 (1.6) 1
69	Mass 69 relative abundance	49.2
70	Less than 2.0% of mass 69	0.2 (0.4) 1
127	10.0 - 80.0% of mass 198	57.3
197	Less than 2.0% of mass 198	0.3
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	26.9
365	Greater than 1% of mass 198	4.3
441	Present, but less than mass 443	12.6
442	Greater than 50% of mass 198	77.5
443	15.0 - 24.0% of mass 442	15 (19.3) 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
SSTD0.1022	SSTD0.115	BM044896.D	04/03/2024	18:13
SSTD0.2023	SSTD0.216	BM044897.D	04/03/2024	18:50
SSTD0.4024	SSTD0.417	BM044898.D	04/03/2024	19:26
SSTD0.8025	SSTD0.818	BM044899.D	04/03/2024	20:02
SSTD1.6026	SSTD1.619	BM044900.D	04/03/2024	20:39
SSTD3.2027	SSTD3.220	BM044901.D	04/03/2024	21:15
SICV028	SSTDICV0.4	BM044902.D	04/03/2024	21:51

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM040424

Lab Code: CHEM

SAS No.: BM040424

SDG NO.: BM040424

Lab File ID: BM044903.D

DFTPP Injection Date: 04/04/2024

Instrument ID: BNA_M

DFTPP Injection Time: 08:07

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	42.1
68	Less than 2.0% of mass 69	0.8 (1.7) 1
69	Mass 69 relative abundance	46
70	Less than 2.0% of mass 69	0.2 (0.4) 1
127	10.0 - 80.0% of mass 198	55.9
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7.1
275	10.0 - 60.0% of mass 198	26.8
365	Greater than 1% of mass 198	4.5
441	Present, but less than mass 443	13.5
442	Greater than 50% of mass 198	80.7
443	15.0 - 24.0% of mass 442	15.5 (19.2) 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
SSTD0.4060	SSTDCCC0.4	BM044904.D	04/04/2024	08:43
SBLK946	PB159946BL	BM044905.D	04/04/2024	09:19
SBLK948	PB159948BL	BM044906.D	04/04/2024	09:55
C0AH3	P1948-01	BM044907.D	04/04/2024	10:35
C0AH4	P1948-02	BM044908.D	04/04/2024	11:11
C0AH5	P1948-03	BM044909.D	04/04/2024	11:47
C0AH6	P1948-04	BM044910.D	04/04/2024	12:23
C0AH7	P1948-05	BM044911.D	04/04/2024	12:59
SBLK840	PB159840BL	BM044912.D	04/04/2024	13:35
E0LY5	P1849-01	BM044913.D	04/04/2024	14:11
E0LY5MS	P1849-02MS	BM044914.D	04/04/2024	14:48
E0LY5MSD	P1849-03MSD	BM044915.D	04/04/2024	15:24
E0LY8	P1849-04	BM044916.D	04/04/2024	16:00
E0LY9	P1849-05	BM044917.D	04/04/2024	16:36
SLCS946	PB159946BS	BM044918.D	04/04/2024	17:12
SLCS948	PB159948BS	BM044919.D	04/04/2024	17:48
SLCS840	PB159840BS	BM044920.D	04/04/2024	18:25
SSTD0.4061	SSTDCCC0.4	BM044921.D	04/04/2024	19:37

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM040424

Lab Code: CHEM

SAS No.: BM040424

SDG NO.: BM040424

Lab File ID: BM044903.D

DFTPP Injection Date: 04/04/2024

Instrument ID: BNA_M

DFTPP Injection Time: 08:07

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	42.1
68	Less than 2.0% of mass 69	0.8 (1.7) 1
69	Mass 69 relative abundance	46
70	Less than 2.0% of mass 69	0.2 (0.4) 1
127	10.0 - 80.0% of mass 198	55.9
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7.1
275	10.0 - 60.0% of mass 198	26.8
365	Greater than 1% of mass 198	4.5
441	Present, but less than mass 443	13.5
442	Greater than 50% of mass 198	80.7
443	15.0 - 24.0% of mass 442	15.5 (19.2) 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
SBLK988	PB159988BL	BM044922.D	04/04/2024	20:13
SBLK990	PB159990BL	BM044923.D	04/04/2024	20:50
C0AJ0	P1948-12	BM044924.D	04/04/2024	21:26
C0AJ1	P1948-13	BM044925.D	04/04/2024	22:02
C0AJ2	P1948-14	BM044926.D	04/04/2024	22:38
C0AJ4	P1948-15	BM044927.D	04/04/2024	23:14
C0AK5	P1948-16	BM044928.D	04/04/2024	23:50
C0AK8	P1948-17	BM044929.D	04/05/2024	00:27
C0AK9	P1948-18	BM044930.D	04/05/2024	01:03
C0AL1	P1948-19	BM044931.D	04/05/2024	01:39
C0AL5	P1948-20	BM044932.D	04/05/2024	02:15
C0AL7	P1948-21	BM044933.D	04/05/2024	02:51
SLCS988	PB159988BS	BM044934.D	04/05/2024	03:27
SLCS990	PB159990BS	BM044935.D	04/05/2024	04:03
SP6474	SP6474	BM044936.D	04/05/2024	04:38
SSTD0.4062	SSTDCCC0.4	BM044937.D	04/05/2024	05:50
SBLK015	PB160015BL	BM044938.D	04/05/2024	08:19
SLCS840	PB159840BS	BM044939.D	04/05/2024	08:55

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM040424

Lab Code: CHEM

SAS No.: BM040424

SDG NO.: BM040424

Lab File ID: BM044903.D

DFTPP Injection Date: 04/04/2024

Instrument ID: BNA_M

DFTPP Injection Time: 08:07

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	42.1
68	Less than 2.0% of mass 69	0.8 (1.7) 1
69	Mass 69 relative abundance	46
70	Less than 2.0% of mass 69	0.2 (0.4) 1
127	10.0 - 80.0% of mass 198	55.9
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7.1
275	10.0 - 60.0% of mass 198	26.8
365	Greater than 1% of mass 198	4.5
441	Present, but less than mass 443	13.5
442	Greater than 50% of mass 198	80.7
443	15.0 - 24.0% of mass 442	15.5 (19.2) 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
C0AJ3	P1970-03	BM044940.D	04/05/2024	09:31
C0AJ5	P1970-04	BM044941.D	04/05/2024	10:07
C0AJ6	P1970-05	BM044942.D	04/05/2024	10:43
C0AJ7	P1970-06	BM044943.D	04/05/2024	11:19
C0AJ8	P1970-07	BM044944.D	04/05/2024	11:55
C0AJ9	P1970-08	BM044945.D	04/05/2024	12:31
C0AK0	P1970-09	BM044946.D	04/05/2024	13:07
C0AJ9	P1992-01	BM044947.D	04/05/2024	13:44
SLCS015	PB160015BS	BM044948.D	04/05/2024	14:20
SLCS017	PB160017BS	BM044949.D	04/05/2024	14:56
SSTD0.4063	SSTDCCC0.4	BM044950.D	04/05/2024	15:32
SBLK017	PB160017BL	BM044951.D	04/05/2024	16:08
C0AJ9DL	P1992-01DL	BM044952.D	04/05/2024	16:44
SSTD0.4064	SSTDCCC0.4EC	BM044953.D	04/05/2024	17:20