

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM111624 SAS No.: BM111624 SDG No.: BM111624

Instrument ID: BNA_M Calibration Date/Time: 11/16/2024 : 11:35

Lab File ID: BM048736.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4086 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.555	0.690	0.010	24.4664	40.0
1,4-Dioxane-d8	0.483	0.627	0.010	30.0251	40.0
Naphthalene	1.002	1.087	0.600	8.4835	30.0
1-Methylnaphthalene	0.646	0.699	0.300	8.2238	30.0
2-Methylnaphthalene	0.630	0.630	0.300	-0.0135	30.0
Acenaphthylene	1.519	1.731	0.900	13.9242	30.0
Acenaphthene	1.215	1.325	0.500	9.0995	30.0
Fluorene	1.320	1.378	0.700	4.3486	30.0
Pentachlorophenol	0.147	0.102	0.010	-30.7675	50.0
Phenanthrene	1.051	1.029	0.300	-2.0673	30.0
Anthracene	0.978	0.933	0.400	-4.5722	30.0
Fluoranthene	1.481	1.476	0.400	-0.3793	30.0
Pyrene	1.607	1.575	0.500	-1.9917	30.0
Benzo (a) anthracene	1.310	1.133	0.400	-13.456	30.0
Chrysene	1.571	1.630	0.400	3.7175	30.0
Benzo (b) fluoranthene	1.246	1.286	0.200	3.1325	30.0
Benzo (k) fluoranthene	1.462	1.602	0.200	9.6394	30.0
Benzo (a) pyrene	1.217	1.290	0.200	6.0698	30.0
Indeno (1,2,3-cd) pyrene	1.699	1.844	0.200	8.5399	30.0
Dibenzo (a,h) anthracene	1.322	1.406	0.200	6.3683	30.0
Benzo (g,h,i) perylene	1.426	1.564	0.200	9.6466	30.0
Fluoranthene-d10	1.123	1.071	0.400	-4.5945	30.0
2-Methylnaphthalene-d10	0.517	0.508	0.300	-1.8501	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.: BM111624 SAS No.: BM111624 SDG No.: BM111624

Instrument ID: BNA_M Calibration Date/Time: 11/16/2024 : 22:30

Lab File ID: BM048753.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4087 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.555	0.674	0.010	21.5123	40.0
1,4-Dioxane-d8	0.483	0.582	0.010	20.6955	40.0
Naphthalene	1.002	1.072	0.600	6.9437	30.0
1-Methylnaphthalene	0.646	0.707	0.300	9.4263	30.0
2-Methylnaphthalene	0.630	0.602	0.300	-4.5592	30.0
Acenaphthylene	1.519	1.639	0.900	7.89	30.0
Acenaphthene	1.215	1.301	0.500	7.0925	30.0
Fluorene	1.320	1.332	0.700	0.8805	30.0
Pentachlorophenol	0.147	0.130	0.010	-11.1738	50.0
Phenanthrene	1.051	1.001	0.300	-4.6949	30.0
Anthracene	0.978	0.902	0.400	-7.8021	30.0
Fluoranthene	1.481	1.463	0.400	-1.1979	30.0
Pyrene	1.607	1.586	0.500	-1.3225	30.0
Benzo (a) anthracene	1.310	1.135	0.400	-13.3398	30.0
Chrysene	1.571	1.736	0.400	10.4854	30.0
Benzo (b) fluoranthene	1.246	1.247	0.200	0.0088	30.0
Benzo (k) fluoranthene	1.462	1.597	0.200	9.2512	30.0
Benzo (a) pyrene	1.217	1.273	0.200	4.6188	30.0
Indeno (1,2,3-cd) pyrene	1.699	1.793	0.200	5.5365	30.0
Dibenzo (a,h) anthracene	1.322	1.358	0.200	2.6968	30.0
Benzo (g,h,i) perylene	1.426	1.539	0.200	7.9196	30.0
Fluoranthene-d10	1.123	1.083	0.400	-3.604	30.0
2-Methylnaphthalene-d10	0.517	0.501	0.300	-3.0649	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.: BM111624 SAS No.: BM111624 SDG No.: BM111624

Instrument ID: BNA_M Calibration Date/Time: 11/17/2024 : 07:34

Lab File ID: BM048767.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4088 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.555	0.745	0.010	34.3367	50.0
1,4-Dioxane-d8	0.483	0.625	0.010	29.5663	50.0
Naphthalene	1.002	1.061	0.600	5.9068	50.0
1-Methylnaphthalene	0.646	0.727	0.300	12.6502	50.0
2-Methylnaphthalene	0.630	0.589	0.300	-6.629	50.0
Acenaphthylene	1.519	1.625	0.900	6.9752	50.0
Acenaphthene	1.215	1.311	0.500	7.9408	50.0
Fluorene	1.320	1.355	0.700	2.5973	50.0
Pentachlorophenol	0.147	0.141	0.010	-3.8497	50.0
Phenanthrene	1.051	1.011	0.300	-3.7378	50.0
Anthracene	0.978	0.906	0.400	-7.3723	50.0
Fluoranthene	1.481	1.468	0.400	-0.8806	50.0
Pyrene	1.607	1.605	0.500	-0.1547	50.0
Benzo (a) anthracene	1.310	1.111	0.400	-15.1853	50.0
Chrysene	1.571	1.805	0.400	14.8796	50.0
Benzo (b) fluoranthene	1.246	1.214	0.200	-2.6199	50.0
Benzo (k) fluoranthene	1.462	1.617	0.200	10.664	50.0
Benzo (a) pyrene	1.217	1.274	0.200	4.6739	50.0
Indeno (1,2,3-cd) pyrene	1.699	1.742	0.200	2.5285	50.0
Dibenzo (a,h) anthracene	1.322	1.306	0.200	-1.2231	50.0
Benzo (g,h,i) perylene	1.426	1.502	0.200	5.2906	50.0
Fluoranthene-d10	1.123	1.081	0.400	-3.7341	50.0
2-Methylnaphthalene-d10	0.517	0.499	0.300	-3.4307	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	SBLK979	SDG No.:	BM111624
Lab Sample ID:	PB164979BL	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
BM048737.D	1	11/14/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164979

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	6.503		15-120		81	SPK: -8
93951-69-0	Fluoranthene-d10	0.355		30-130		89	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	3322	7.629				
1146-65-2	Naphthalene-d8	10024	10.41				
15067-26-2	Acenaphthene-d10	5079	14.281				

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	SBLK979	SDG No.:	BM111624
Lab Sample ID:	PB164979BL	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
BM048737.D	1	11/14/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164979

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	9578	17.024				
1719-03-5	Chrysene-d12	7739	21.24				
1520-96-3	Perylene-d12	5488	23.432				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	SBLK981	SDG No.:	BM111624
Lab Sample ID:	PB164981BL	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
BM048738.D	1	11/14/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164981

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	5.691		15-120		71	SPK: -8
93951-69-0	Fluoranthene-d10	0.335		30-130		84	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.31		30-130		77	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3930	7.629				
1146-65-2	Naphthalene-d8	11824	10.41				
15067-26-2	Acenaphthene-d10	6009	14.281				

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	SBLK981	SDG No.:	BM111624
Lab Sample ID:	PB164981BL	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
BM048738.D	1	11/14/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164981

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11324	17.024				
1719-03-5	Chrysene-d12	8650	21.24				
1520-96-3	Perylene-d12	6280	23.429				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/8/2024 12:00:00 AM
Project:		Date Received:	11/8/2024 12:00:00 AM
Client Sample ID:	A0AP2	SDG No.:	BM111624
Lab Sample ID:	P4803-02	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048739.D	1	11/14/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164979

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	0.03	J	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	3.592		15-120		45	SPK: -8
93951-69-0	Fluoranthene-d10	0.39		30-130		97	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.305		30-130		76	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5041		7.625			
1146-65-2	Naphthalene-d8	15963		10.41			
15067-26-2	Acenaphthene-d10	9990		14.277			

Report of Analysis

Client:		Date Collected:	11/8/2024 12:00:00 AM
Project:		Date Received:	11/8/2024 12:00:00 AM
Client Sample ID:	A0AP2	SDG No.:	BM111624
Lab Sample ID:	P4803-02	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048739.D	1	11/14/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164979

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	19193	17.024				
1719-03-5	Chrysene-d12	14092	21.235				
1520-96-3	Perylene-d12	8626	23.429				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/8/2024 12:00:00 AM
Project:		Date Received:	11/8/2024 12:00:00 AM
Client Sample ID:	A0AP4	SDG No.:	BM111624
Lab Sample ID:	P4803-03	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048740.D	1	11/14/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164979

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	0.04	J	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	J	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.02	J	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	4.568		15-120		57	SPK: -8
93951-69-0	Fluoranthene-d10	0.39		30-130		97	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.283		30-130		71	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4144		7.629			
1146-65-2	Naphthalene-d8	12908		10.41			
15067-26-2	Acenaphthene-d10	6575		14.276			

Report of Analysis

Client:		Date Collected:	11/8/2024 12:00:00 AM
Project:		Date Received:	11/8/2024 12:00:00 AM
Client Sample ID:	A0AP4	SDG No.:	BM111624
Lab Sample ID:	P4803-03	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
BM048740.D	1	11/14/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164979

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12309	17.024				
1719-03-5	Chrysene-d12	9124	21.223				
1520-96-3	Perylene-d12	6862	23.426				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/8/2024 12:00:00 AM
Project:		Date Received:	11/8/2024 12:00:00 AM
Client Sample ID:	A0AP6	SDG No.:	BM111624
Lab Sample ID:	P4803-04	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048741.D	1	11/14/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164979

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.03	U	0.03	0	0.2	ug/L
91-20-3	Naphthalene	0	U	0	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.02	U	0.02	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.01	U	0.01	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.01	U	0.01	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.01	U	0.01	0.05	0.1	ug/L
86-73-7	Fluorene	0.01	U	0.01	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.06	U	0.06	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.01	U	0.01	0.05	0.1	ug/L
120-12-7	Anthracene	0.01	U	0.01	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
129-00-0	Pyrene	0.01	U	0.01	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0	U	0	0.05	0.1	ug/L
218-01-9	Chrysene	0.03	J	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	4.588		15-120		57	SPK: -8
93951-69-0	Fluoranthene-d10	0.319		30-130		80	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.237		30-130		59	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4045		7.629			
1146-65-2	Naphthalene-d8	12312		10.41			
15067-26-2	Acenaphthene-d10	6671		14.276			

Report of Analysis

Client:		Date Collected:	11/8/2024 12:00:00 AM
Project:		Date Received:	11/8/2024 12:00:00 AM
Client Sample ID:	A0AP6	SDG No.:	BM111624
Lab Sample ID:	P4803-04	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
BM048741.D	1	11/14/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164979

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12162	17.024				
1719-03-5	Chrysene-d12	9648	21.223				
1520-96-3	Perylene-d12	7859	23.423				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/8/2024 12:00:00 AM
Project:		Date Received:	11/8/2024 12:00:00 AM
Client Sample ID:	A0AP8	SDG No.:	BM111624
Lab Sample ID:	P4803-05	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048742.D	1	11/14/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164979

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	0.16		0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	2.1	E	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.05	J	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.06	J	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.81		0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.58		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	0.61		0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.14		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.08	J	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.07	J	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	0.03	J	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	4.837		15-120		60	SPK: -8
93951-69-0	Fluoranthene-d10	0.363		30-130		91	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.324		30-130		81	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3356		7.629			
1146-65-2	Naphthalene-d8	10142		10.41			
15067-26-2	Acenaphthene-d10	5869		14.276			

Report of Analysis

Client:		Date Collected:	11/8/2024 12:00:00 AM
Project:		Date Received:	11/8/2024 12:00:00 AM
Client Sample ID:	A0AP8	SDG No.:	BM111624
Lab Sample ID:	P4803-05	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
BM048742.D	1	11/14/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164979

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11906	17.024				
1719-03-5	Chrysene-d12	10601	21.217				
1520-96-3	Perylene-d12	8811	23.418				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/8/2024 12:00:00 AM
Project:		Date Received:	11/8/2024 12:00:00 AM
Client Sample ID:	A0AQ1	SDG No.:	BM111624
Lab Sample ID:	P4803-06	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
BM048743.D	1	11/14/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164979

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.03	U	0.03	0	0.2	ug/L
91-20-3	Naphthalene	0.46		0	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.55		0.02	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.19		0.01	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.12		0.01	0.05	0.1	ug/L
83-32-9	Acenaphthene	1.7	E	0.01	0.05	0.1	ug/L
86-73-7	Fluorene	1.6	E	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	1		0.01	0.05	0.1	ug/L
120-12-7	Anthracene	0.55		0.01	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.97		0.01	0.05	0.1	ug/L
129-00-0	Pyrene	0.66		0.01	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.12		0	0.05	0.1	ug/L
218-01-9	Chrysene	0.1		0.01	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.04	J	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	4.988		15-120		62	SPK: -8
93951-69-0	Fluoranthene-d10	0.388		30-130		97	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	3596		7.625			
1146-65-2	Naphthalene-d8	10600		10.41			
15067-26-2	Acenaphthene-d10	5798		14.277			

Report of Analysis

Client:		Date Collected:	11/8/2024 12:00:00 AM
Project:		Date Received:	11/8/2024 12:00:00 AM
Client Sample ID:	A0AQ1	SDG No.:	BM111624
Lab Sample ID:	P4803-06	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
BM048743.D	1	11/14/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164979

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11486	17.024				
1719-03-5	Chrysene-d12	9940	21.217				
1520-96-3	Perylene-d12	8668	23.421				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/11/2024 12:00:00 AM
Project:		Date Received:	11/11/2024 12:00:00 AM
Client Sample ID:	A0AQ3	SDG No.:	BM111624
Lab Sample ID:	P4803-11	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
BM048744.D	1	11/14/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164981

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.02	J	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	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	0.03	J	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	4.897		15-120		61	SPK: -8
93951-69-0	Fluoranthene-d10	0.402		30-130		100	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	3298		7.629			
1146-65-2	Naphthalene-d8	9782		10.41			
15067-26-2	Acenaphthene-d10	5233		14.276			

Report of Analysis

Client:		Date Collected:	11/11/2024 12:00:00 AM
Project:		Date Received:	11/11/2024 12:00:00 AM
Client Sample ID:	A0AQ3	SDG No.:	BM111624
Lab Sample ID:	P4803-11	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
BM048744.D	1	11/14/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164981

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10036	17.024				
1719-03-5	Chrysene-d12	8538	21.237				
1520-96-3	Perylene-d12	6580	23.429				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/11/2024 12:00:00 AM
Project:		Date Received:	11/11/2024 12:00:00 AM
Client Sample ID:	A0AQ5	SDG No.:	BM111624
Lab Sample ID:	P4803-12	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
BM048745.D	1	11/14/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164981

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.03	U	0.03	0	0.2	ug/L
91-20-3	Naphthalene	0.03	J	0	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.02	U	0.02	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.03	J	0.01	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.02	J	0.01	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.02	J	0.01	0.05	0.1	ug/L
86-73-7	Fluorene	0.04	J	0.01	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.06	U	0.06	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.04	J	0.01	0.05	0.1	ug/L
120-12-7	Anthracene	0.04	J	0.01	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.04	J	0.01	0.05	0.1	ug/L
129-00-0	Pyrene	0.01	U	0.01	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.04	J	0	0.05	0.1	ug/L
218-01-9	Chrysene	0.06	J	0.01	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.06	J	0.01	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.05	J	0.01	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.04	J	0.02	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	J	0.02	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.03	J	0.01	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	J	0.02	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.789		15-120		72	SPK: -8
93951-69-0	Fluoranthene-d10	0.449		30-130		112	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.334		30-130		83	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3263		7.629			
1146-65-2	Naphthalene-d8	9766		10.41			
15067-26-2	Acenaphthene-d10	5421		14.281			

Report of Analysis

Client:		Date Collected:	11/11/2024 12:00:00 AM
Project:		Date Received:	11/11/2024 12:00:00 AM
Client Sample ID:	A0AQ5	SDG No.:	BM111624
Lab Sample ID:	P4803-12	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
BM048745.D	1	11/14/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164981

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11244	17.024				
1719-03-5	Chrysene-d12	8648	21.226				
1520-96-3	Perylene-d12	7128	23.424				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/11/2024 12:00:00 AM
Project:		Date Received:	11/11/2024 12:00:00 AM
Client Sample ID:	A0AQ7	SDG No.:	BM111624
Lab Sample ID:	P4803-13	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048746.D	1	11/14/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164981

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.03	U	0.03	0	0.2	ug/L
91-20-3	Naphthalene	0.02	J	0	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.02	U	0.02	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.02	J	0.01	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.02	J	0.01	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.02	J	0.01	0.05	0.1	ug/L
86-73-7	Fluorene	0.03	J	0.01	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.06	U	0.06	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.03	J	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	0.02	J	0.01	0.05	0.1	ug/L
129-00-0	Pyrene	0.01	U	0.01	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.03	J	0	0.05	0.1	ug/L
218-01-9	Chrysene	0.04	J	0.01	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.04	J	0.01	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.03	J	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	J	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	J	0.02	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.382		15-120		67	SPK: -8
93951-69-0	Fluoranthene-d10	0.386		30-130		97	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.289		30-130		72	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3246		7.629			
1146-65-2	Naphthalene-d8	9679		10.41			
15067-26-2	Acenaphthene-d10	5167		14.276			

Report of Analysis

Client:		Date Collected:	11/11/2024 12:00:00 AM
Project:		Date Received:	11/11/2024 12:00:00 AM
Client Sample ID:	A0AQ7	SDG No.:	BM111624
Lab Sample ID:	P4803-13	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
BM048746.D	1	11/14/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164981

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10058	17.024				
1719-03-5	Chrysene-d12	8438	21.226				
1520-96-3	Perylene-d12	7270	23.423				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/11/2024 12:00:00 AM
Project:		Date Received:	11/11/2024 12:00:00 AM
Client Sample ID:	A0AQ9	SDG No.:	BM111624
Lab Sample ID:	P4803-14	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048747.D	1	11/14/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164981

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	0.03	J	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	6.286		15-120		79	SPK: -8
93951-69-0	Fluoranthene-d10	0.43		30-130		108	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.379		30-130		95	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3109		7.629			
1146-65-2	Naphthalene-d8	9207		10.41			
15067-26-2	Acenaphthene-d10	4900		14.276			

Report of Analysis

Client:		Date Collected:	11/11/2024 12:00:00 AM
Project:		Date Received:	11/11/2024 12:00:00 AM
Client Sample ID:	A0AQ9	SDG No.:	BM111624
Lab Sample ID:	P4803-14	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
BM048747.D	1	11/14/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164981

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	9466	17.024				
1719-03-5	Chrysene-d12	8213	21.223				
1520-96-3	Perylene-d12	7048	23.42				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/12/2024 12:00:00 AM
Project:		Date Received:	11/12/2024 12:00:00 AM
Client Sample ID:	A0AR9	SDG No.:	BM111624
Lab Sample ID:	P4803-16	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048748.D	1	11/15/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164998

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	0.03	J	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	J	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.02	J	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	4.861		15-120		61	SPK: -8
93951-69-0	Fluoranthene-d10	0.43		30-130		108	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.352		30-130		88	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3665		7.629			
1146-65-2	Naphthalene-d8	10782		10.41			
15067-26-2	Acenaphthene-d10	5720		14.276			

Report of Analysis

Client:		Date Collected:	11/12/2024 12:00:00 AM
Project:		Date Received:	11/12/2024 12:00:00 AM
Client Sample ID:	A0AR9	SDG No.:	BM111624
Lab Sample ID:	P4803-16	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048748.D	1	11/15/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164998

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10697	17.024				
1719-03-5	Chrysene-d12	8280	21.24				
1520-96-3	Perylene-d12	6354	23.432				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/12/2024 12:00:00 AM
Project:		Date Received:	11/12/2024 12:00:00 AM
Client Sample ID:	A0AS1	SDG No.:	BM111624
Lab Sample ID:	P4803-17	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048749.D	1	11/15/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164998

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	0.14		0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.11		0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.09	J	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.03	J	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.03	J	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	0.04	J	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.04	J	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.02	J	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	0.02	J	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.03	J	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	J	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.03	J	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	0.02	J	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	3.973		15-120		50	SPK: -8
93951-69-0	Fluoranthene-d10	0.232		30-130		58	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.184		30-130		46	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3475	7.629				
1146-65-2	Naphthalene-d8	10530	10.41				
15067-26-2	Acenaphthene-d10	5844	14.276				

Report of Analysis

Client:		Date Collected:	11/12/2024 12:00:00 AM
Project:		Date Received:	11/12/2024 12:00:00 AM
Client Sample ID:	A0AS1	SDG No.:	BM111624
Lab Sample ID:	P4803-17	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048749.D	1	11/15/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164998

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11675	17.024				
1719-03-5	Chrysene-d12	10011	21.223				
1520-96-3	Perylene-d12	9188	23.423				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/12/2024 12:00:00 AM
Project:		Date Received:	11/12/2024 12:00:00 AM
Client Sample ID:	A0AS3	SDG No.:	BM111624
Lab Sample ID:	P4803-18	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048750.D	1	11/15/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164998

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.03	U	0.03	0	0.2	ug/L
91-20-3	Naphthalene	0	U	0	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.02	U	0.02	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.01	U	0.01	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.01	U	0.01	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.01	U	0.01	0.05	0.1	ug/L
86-73-7	Fluorene	0.01	U	0.01	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.06	U	0.06	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.01	U	0.01	0.05	0.1	ug/L
120-12-7	Anthracene	0.01	U	0.01	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
129-00-0	Pyrene	0.01	U	0.01	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	J	0	0.05	0.1	ug/L
218-01-9	Chrysene	0.03	J	0.01	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	J	0.01	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.02	J	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	5.327		15-120		67	SPK: -8
93951-69-0	Fluoranthene-d10	0.399		30-130		100	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.339		30-130		85	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3300		7.629			
1146-65-2	Naphthalene-d8	9920		10.41			
15067-26-2	Acenaphthene-d10	5531		14.277			

Report of Analysis

Client:		Date Collected:	11/12/2024 12:00:00 AM
Project:		Date Received:	11/12/2024 12:00:00 AM
Client Sample ID:	A0AS3	SDG No.:	BM111624
Lab Sample ID:	P4803-18	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	
Injection Volume :		Level :	LOW
		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048750.D	1	11/15/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164998

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10021	17.024				
1719-03-5	Chrysene-d12	8809	21.22				
1520-96-3	Perylene-d12	8002	23.421				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	SLCS981	SDG No.:	BM111624
Lab Sample ID:	PB164981BS	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
BM048751.D	1	11/14/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164981

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	0.38		0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.33		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	0.38		0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.35		0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.59		0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.33		0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.33		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.34		0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.35		0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.33		0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.41		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	0.4		0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.4		0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.4		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	0.4		0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.732		15-120		91	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.352		30-130		88	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.361		30-130		90	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3147	7.704				
1146-65-2	Naphthalene-d8	9441	10.459				
15067-26-2	Acenaphthene-d10	5308	14.295				

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	SLCS981	SDG No.:	BM111624
Lab Sample ID:	PB164981BS	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
BM048751.D	1	11/14/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164981

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	9607	17.058				
1719-03-5	Chrysene-d12	8781	21.237				
1520-96-3	Perylene-d12	10224	23.441				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	SLCS979	SDG No.:	BM111624
Lab Sample ID:	PB164979BS	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
BM048752.D	1	11/14/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164979

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	0.39		0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.33		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	0.38		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	0.55		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	0.33		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	0.36		0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.32		0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.42		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	0.42		0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.4		0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.4		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	0.41		0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.745		15-120		93	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.364		30-130		91	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.37		30-130		93	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2932	7.713				
1146-65-2	Naphthalene-d8	8543	10.465				
15067-26-2	Acenaphthene-d10	4883	14.295				

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	SLCS979	SDG No.:	BM111624
Lab Sample ID:	PB164979BS	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
BM048752.D	1	11/14/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164979

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	8779	17.062				
1719-03-5	Chrysene-d12	7861	21.237				
1520-96-3	Perylene-d12	8861	23.444				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/15/2024 12:00:00 AM
Project:		Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	SBLK000	SDG No.:	BM111624
Lab Sample ID:	PB165000BL	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
BM048754.D	1	11/15/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB165000

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	6.305		15-120		79	SPK: -8
93951-69-0	Fluoranthene-d10	0.399		30-130		100	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	3917	7.629				
1146-65-2	Naphthalene-d8	11917	10.41				
15067-26-2	Acenaphthene-d10	6014	14.276				

Report of Analysis

Client:		Date Collected:	11/15/2024 12:00:00 AM
Project:		Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	SBLK000	SDG No.:	BM111624
Lab Sample ID:	PB165000BL	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
BM048754.D	1	11/15/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB165000

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11052	17.024				
1719-03-5	Chrysene-d12	7906	21.243				
1520-96-3	Perylene-d12	6028	23.429				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/15/2024 12:00:00 AM
Project:		Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	SBLK998	SDG No.:	BM111624
Lab Sample ID:	PB164998BL	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
BM048755.D	1	11/15/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164998

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	6.566		15-120		82	SPK: -8
93951-69-0	Fluoranthene-d10	0.375		30-130		94	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.345		30-130		86	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3285	7.629				
1146-65-2	Naphthalene-d8	9806	10.41				
15067-26-2	Acenaphthene-d10	4968	14.277				

Report of Analysis

Client:		Date Collected:	11/15/2024 12:00:00 AM
Project:		Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	SBLK998	SDG No.:	BM111624
Lab Sample ID:	PB164998BL	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
BM048755.D	1	11/15/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164998

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	9325	17.028				
1719-03-5	Chrysene-d12	7671	21.243				
1520-96-3	Perylene-d12	5904	23.426				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/10/2024 12:00:00 AM
Project:		Date Received:	11/10/2024 12:00:00 AM
Client Sample ID:	SBLK843	SDG No.:	BM111624
Lab Sample ID:	PB164843BL	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
BM048756.D	1	11/10/2024 12:00:00 AM	11/17/2024 12:00:00 AM	PB164843

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	6.857		15-120		86	SPK: -8
93951-69-0	Fluoranthene-d10	0.396		30-130		99	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.358		30-130		90	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2911	7.629				
1146-65-2	Naphthalene-d8	8633	10.41				
15067-26-2	Acenaphthene-d10	4361	14.276				

Report of Analysis

Client:		Date Collected:	11/10/2024 12:00:00 AM
Project:		Date Received:	11/10/2024 12:00:00 AM
Client Sample ID:	SBLK843	SDG No.:	BM111624
Lab Sample ID:	PB164843BL	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
BM048756.D	1	11/10/2024 12:00:00 AM	11/17/2024 12:00:00 AM	PB164843

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	8424	17.028				
1719-03-5	Chrysene-d12	7178	21.243				
1520-96-3	Perylene-d12	5711	23.429				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/6/2024 12:00:00 AM
Project:		Date Received:	11/6/2024 12:00:00 AM
Client Sample ID:	A0AN0DL	SDG No.:	BM111624
Lab Sample ID:	P4761-09DL	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048757.D	5	11/10/2024 12:00:00 AM	11/17/2024 12:00:00 AM	PB164843

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.15	U	0.15	0	1	ug/L
91-20-3	Naphthalene	0.95	D	0.02	0.25	0.51	ug/L
90-12-0	1-Methylnaphthalene	0.29	JD	0.08	0.25	0.51	ug/L
91-57-6	2-Methylnaphthalene	0.2	JD	0.03	0.25	0.51	ug/L
208-96-8	Acenaphthylene	0.06	U	0.06	0.25	0.51	ug/L
83-32-9	Acenaphthene	1.6	D	0.04	0.25	0.51	ug/L
86-73-7	Fluorene	2	D	0.03	0.25	0.51	ug/L
87-86-5	Pentachlorophenol	0.32	U	0.32	0.51	1	ug/L
85-01-8	Phenanthrene	9.4	ED	0.03	0.25	0.51	ug/L
120-12-7	Anthracene	2.2	D	0.04	0.25	0.51	ug/L
206-44-0	Fluoranthene	3.5	D	0.04	0.25	0.51	ug/L
129-00-0	Pyrene	2.2	D	0.03	0.25	0.51	ug/L
56-55-3	Benzo(a)anthracene	0.2	JD	0.02	0.25	0.51	ug/L
218-01-9	Chrysene	0.18	JD	0.04	0.25	0.51	ug/L
205-99-2	Benzo(b)fluoranthene	0.07	U	0.07	0.25	0.51	ug/L
207-08-9	Benzo(k)fluoranthene	0.05	U	0.05	0.25	0.51	ug/L
50-32-8	Benzo(a)pyrene	0.09	U	0.09	0.25	0.51	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.09	U	0.09	0.25	0.51	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.07	U	0.07	0.25	0.51	ug/L
191-24-2	Benzo(g,h,i)perylene	0.11	U	0.11	0.25	0.51	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.24		15-120		78	SPK: -8
93951-69-0	Fluoranthene-d10	0.47		30-130		117	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.425		30-130		106	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3404		7.633			
1146-65-2	Naphthalene-d8	9999		10.421			
15067-26-2	Acenaphthene-d10	5748		14.281			

Report of Analysis

Client:		Date Collected:	11/6/2024 12:00:00 AM
Project:		Date Received:	11/6/2024 12:00:00 AM
Client Sample ID:	A0AN0DL	SDG No.:	BM111624
Lab Sample ID:	P4761-09DL	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
BM048757.D	5	11/10/2024 12:00:00 AM	11/17/2024 12:00:00 AM	PB164843

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11455	17.028				
1719-03-5	Chrysene-d12	10239	21.226				
1520-96-3	Perylene-d12	9642	23.424				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.15	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/12/2024 12:00:00 AM
Project:		Date Received:	11/12/2024 12:00:00 AM
Client Sample ID:	A0AS8	SDG No.:	BM111624
Lab Sample ID:	P4803-19	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048758.D	1	11/15/2024 12:00:00 AM	11/17/2024 12:00:00 AM	PB164998

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	0.19		0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.4		0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.11		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	0.1		0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.05	J	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	5.078		15-120		63	SPK: -8
93951-69-0	Fluoranthene-d10	0.357		30-130		89	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	3269		7.629			
1146-65-2	Naphthalene-d8	9912		10.41			
15067-26-2	Acenaphthene-d10	5687		14.276			

Report of Analysis

Client:		Date Collected:	11/12/2024 12:00:00 AM
Project:		Date Received:	11/12/2024 12:00:00 AM
Client Sample ID:	A0AS8	SDG No.:	BM111624
Lab Sample ID:	P4803-19	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
BM048758.D	1	11/15/2024 12:00:00 AM	11/17/2024 12:00:00 AM	PB164998

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10866	17.024				
1719-03-5	Chrysene-d12	9605	21.22				
1520-96-3	Perylene-d12	8450	23.421				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/12/2024 12:00:00 AM
Project:		Date Received:	11/12/2024 12:00:00 AM
Client Sample ID:	A0AS9	SDG No.:	BM111624
Lab Sample ID:	P4803-20	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
BM048759.D	1	11/15/2024 12:00:00 AM	11/17/2024 12:00:00 AM	PB164998

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.03	U	0.03	0	0.2	ug/L
91-20-3	Naphthalene	0.16		0	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.33		0.02	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.09	J	0.01	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.01	U	0.01	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.09	J	0.01	0.05	0.1	ug/L
86-73-7	Fluorene	0.05	J	0.01	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.06	U	0.06	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.01	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	4.083		15-120		51	SPK: -8
93951-69-0	Fluoranthene-d10	0.306		30-130		76	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.258		30-130		64	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4151		7.625			
1146-65-2	Naphthalene-d8	12546		10.41			
15067-26-2	Acenaphthene-d10	7260		14.276			

Report of Analysis

Client:		Date Collected:	11/12/2024 12:00:00 AM
Project:		Date Received:	11/12/2024 12:00:00 AM
Client Sample ID:	A0AS9	SDG No.:	BM111624
Lab Sample ID:	P4803-20	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
BM048759.D	1	11/15/2024 12:00:00 AM	11/17/2024 12:00:00 AM	PB164998

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14573	17.024				
1719-03-5	Chrysene-d12	12649	21.217				
1520-96-3	Perylene-d12	11612	23.42				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/12/2024 12:00:00 AM
Project:		Date Received:	11/12/2024 12:00:00 AM
Client Sample ID:	CBA04	SDG No.:	BM111624
Lab Sample ID:	P4828-01	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
BM048760.D	1	11/15/2024 12:00:00 AM	11/17/2024 12:00:00 AM	PB165000

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	3.657		15-120		46	SPK: -8
93951-69-0	Fluoranthene-d10	0.25		30-130		63	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.194		30-130		49	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4951		7.629			
1146-65-2	Naphthalene-d8	15323		10.41			
15067-26-2	Acenaphthene-d10	7968		14.276			

Report of Analysis

Client:		Date Collected:	11/12/2024 12:00:00 AM
Project:		Date Received:	11/12/2024 12:00:00 AM
Client Sample ID:	CBA04	SDG No.:	BM111624
Lab Sample ID:	P4828-01	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
BM048760.D	1	11/15/2024 12:00:00 AM	11/17/2024 12:00:00 AM	PB165000

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15517	17.024				
1719-03-5	Chrysene-d12	11043	21.217				
1520-96-3	Perylene-d12	10731	23.42				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/12/2024 12:00:00 AM
Project:		Date Received:	11/12/2024 12:00:00 AM
Client Sample ID:	CBA06	SDG No.:	BM111624
Lab Sample ID:	P4828-02	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
BM048761.D	1	11/15/2024 12:00:00 AM	11/17/2024 12:00:00 AM	PB165000

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	4.625		15-120		58	SPK: -8
93951-69-0	Fluoranthene-d10	0.448		30-130		112	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.388		30-130		97	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3408		7.629			
1146-65-2	Naphthalene-d8	10442		10.41			
15067-26-2	Acenaphthene-d10	5762		14.277			

Report of Analysis

Client:		Date Collected:	11/12/2024 12:00:00 AM
Project:		Date Received:	11/12/2024 12:00:00 AM
Client Sample ID:	CBA06	SDG No.:	BM111624
Lab Sample ID:	P4828-02	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048761.D	1	11/15/2024 12:00:00 AM	11/17/2024 12:00:00 AM	PB165000

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11868	17.024				
1719-03-5	Chrysene-d12	10043	21.24				
1520-96-3	Perylene-d12	8195	23.424				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/12/2024 12:00:00 AM
Project:		Date Received:	11/12/2024 12:00:00 AM
Client Sample ID:	CBA07	SDG No.:	BM111624
Lab Sample ID:	P4828-03	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
BM048762.D	1	11/15/2024 12:00:00 AM	11/17/2024 12:00:00 AM	PB165000

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	36	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	4.698		15-120		59	SPK: -8
93951-69-0	Fluoranthene-d10	0.117	*	30-130		29	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.115	*	30-130		29	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3057		7.629			
1146-65-2	Naphthalene-d8	9584		10.41			
15067-26-2	Acenaphthene-d10	5495		14.276			

Report of Analysis

Client:		Date Collected:	11/12/2024 12:00:00 AM
Project:		Date Received:	11/12/2024 12:00:00 AM
Client Sample ID:	CBA07	SDG No.:	BM111624
Lab Sample ID:	P4828-03	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
BM048762.D	1	11/15/2024 12:00:00 AM	11/17/2024 12:00:00 AM	PB165000

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11300	17.024				
1719-03-5	Chrysene-d12	9589	21.22				
1520-96-3	Perylene-d12	8861	23.42				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/12/2024 12:00:00 AM
Project:		Date Received:	11/12/2024 12:00:00 AM
Client Sample ID:	CBA09	SDG No.:	BM111624
Lab Sample ID:	P4828-04	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048763.D	1	11/15/2024 12:00:00 AM	11/17/2024 12:00:00 AM	PB165000

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	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	4.681		15-120		59	SPK: -8
93951-69-0	Fluoranthene-d10	0.335		30-130		84	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.32		30-130		80	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3892		7.629			
1146-65-2	Naphthalene-d8	11721		10.404			
15067-26-2	Acenaphthene-d10	6735		14.272			

Report of Analysis

Client:		Date Collected:	11/12/2024 12:00:00 AM
Project:		Date Received:	11/12/2024 12:00:00 AM
Client Sample ID:	CBA09	SDG No.:	BM111624
Lab Sample ID:	P4828-04	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
BM048763.D	1	11/15/2024 12:00:00 AM	11/17/2024 12:00:00 AM	PB165000

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14876	17.024				
1719-03-5	Chrysene-d12	12081	21.217				
1520-96-3	Perylene-d12	11874	23.415				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/11/2024 12:00:00 AM
Project:		Date Received:	11/11/2024 12:00:00 AM
Client Sample ID:	E29T2	SDG No.:	BM111624
Lab Sample ID:	P4829-05	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
BM048764.D	1	11/15/2024 12:00:00 AM	11/17/2024 12:00:00 AM	PB165000

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.06	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	4.259		15-120		53	SPK: -8
93951-69-0	Fluoranthene-d10	0.413		30-130		103	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.283		30-130		71	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3622		7.629			
1146-65-2	Naphthalene-d8	10961		10.41			
15067-26-2	Acenaphthene-d10	5815		14.277			

Report of Analysis

Client:		Date Collected:	11/11/2024 12:00:00 AM
Project:		Date Received:	11/11/2024 12:00:00 AM
Client Sample ID:	E29T2	SDG No.:	BM111624
Lab Sample ID:	P4829-05	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
BM048764.D	1	11/15/2024 12:00:00 AM	11/17/2024 12:00:00 AM	PB165000

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11900	17.024				
1719-03-5	Chrysene-d12	9673	21.234				
1520-96-3	Perylene-d12	8553	23.421				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/15/2024 12:00:00 AM
Project:		Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	SLCS000	SDG No.:	BM111624
Lab Sample ID:	PB165000BS	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
BM048765.D	1	11/15/2024 12:00:00 AM	11/17/2024 12:00:00 AM	PB165000

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.9		0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.4		0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.41		0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.36		0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.4		0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.4		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	0.63		0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.36		0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.34		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.39		0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.39		0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.34		0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.45		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	0.44		0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.42		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	0.4		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	0.783		15-120		98	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.396		30-130		99	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.39		30-130		97	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2878	7.717				
1146-65-2	Naphthalene-d8	8818	10.465				
15067-26-2	Acenaphthene-d10	5310	14.295				

Report of Analysis

Client:		Date Collected:	11/15/2024 12:00:00 AM
Project:		Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	SLCS000	SDG No.:	BM111624
Lab Sample ID:	PB165000BS	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
BM048765.D	1	11/15/2024 12:00:00 AM	11/17/2024 12:00:00 AM	PB165000

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10295	17.058				
1719-03-5	Chrysene-d12	9189	21.234				
1520-96-3	Perylene-d12	10639	23.438				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/15/2024 12:00:00 AM
Project:		Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	SLCS998	SDG No.:	BM111624
Lab Sample ID:	PB164998BS	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
BM048766.D	1	11/15/2024 12:00:00 AM	11/17/2024 12:00:00 AM	PB164998

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	0.4		0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.41		0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.35		0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.4		0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.4		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	0.61		0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.36		0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.34		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.39		0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.39		0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.35		0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.45		0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.38		0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.43		0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.42		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	0.4		0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.42		0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.839		15-120		105	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.395		30-130		99	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.385		30-130		96	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2724	7.73				
1146-65-2	Naphthalene-d8	8676	10.47				
15067-26-2	Acenaphthene-d10	5205	14.295				

Report of Analysis

Client:		Date Collected:	11/15/2024 12:00:00 AM
Project:		Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	SLCS998	SDG No.:	BM111624
Lab Sample ID:	PB164998BS	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
BM048766.D	1	11/15/2024 12:00:00 AM	11/17/2024 12:00:00 AM	PB164998

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10054	17.062				
1719-03-5	Chrysene-d12	9153	21.237				
1520-96-3	Perylene-d12	10544	23.438				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	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.: BM111624

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID :	A0AN0DL							
P4761-09DL	A0AN0DL	Water	Total Alkanes	*	0.000	D 0.15	1	ug/L
			Total Tics :			0.00		
P4761-09DL	A0AN0DL	Water	1-Methylnaphthalene		0.290	JD 0.08	0.51	ug/L
P4761-09DL	A0AN0DL	Water	2-Methylnaphthalene		0.200	JD 0.03	0.51	ug/L
P4761-09DL	A0AN0DL	Water	Acenaphthene		1.600	D 0.04	0.51	ug/L
P4761-09DL	A0AN0DL	Water	Anthracene		2.200	D 0.04	0.51	ug/L
P4761-09DL	A0AN0DL	Water	Benzo(a)anthracene		0.200	JD 0.02	0.51	ug/L
P4761-09DL	A0AN0DL	Water	Chrysene		0.180	JD 0.04	0.51	ug/L
P4761-09DL	A0AN0DL	Water	Fluoranthene		3.500	D 0.04	0.51	ug/L
P4761-09DL	A0AN0DL	Water	Fluorene		2.000	D 0.03	0.51	ug/L
P4761-09DL	A0AN0DL	Water	Naphthalene		0.950	D 0.02	0.51	ug/L
P4761-09DL	A0AN0DL	Water	Phenanthrene		9.400	ED 0.03	0.51	ug/L
P4761-09DL	A0AN0DL	Water	Pyrene		2.200	D 0.03	0.51	ug/L
			Total Svoc :			22.72		
			Total Concentration:			22.72		
Client ID :	A0AP2							
P4803-02	A0AP2	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
P4803-02	A0AP2	Water	Chrysene		0.030	J 0.0077	0.1	ug/L
			Total Svoc :			0.03		
			Total Concentration:			0.03		
Client ID :	A0AP4							
P4803-03	A0AP4	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
P4803-03	A0AP4	Water	Benzo(b)fluoranthene		0.030	J 0.013	0.1	ug/L
P4803-03	A0AP4	Water	Benzo(k)fluoranthene		0.020	J 0.0098	0.1	ug/L
P4803-03	A0AP4	Water	Chrysene		0.040	J 0.0077	0.1	ug/L
			Total Svoc :			0.09		
			Total Concentration:			0.09		
Client ID :	A0AP6							
P4803-04	A0AP6	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
			Total Tics :			0.00		
P4803-04	A0AP6	Water	Chrysene		0.030	J 0.01	0.1	ug/L
			Total Svoc :			0.03		
			Total Concentration:			0.03		
Client ID :	A0AP8							

Hit Summary Sheet SW-846

SDG No.: BM111624

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P4803-05	A0AP8	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
Total Tics :				0.00				
P4803-05	A0AP8	Water	1-Methylnaphthalene		2.100 E	0.015	0.1	ug/L
P4803-05	A0AP8	Water	2-Methylnaphthalene		0.050 J	0.0053	0.1	ug/L
P4803-05	A0AP8	Water	Acenaphthene		0.810	0.0074	0.1	ug/L
P4803-05	A0AP8	Water	Acenaphthylene		0.060 J	0.012	0.1	ug/L
P4803-05	A0AP8	Water	Anthracene		0.140	0.008	0.1	ug/L
P4803-05	A0AP8	Water	Chrysene		0.030 J	0.0077	0.1	ug/L
P4803-05	A0AP8	Water	Fluoranthene		0.080 J	0.0079	0.1	ug/L
P4803-05	A0AP8	Water	Fluorene		0.580	0.0067	0.1	ug/L
P4803-05	A0AP8	Water	Naphthalene		0.160	0.0043	0.1	ug/L
P4803-05	A0AP8	Water	Phenanthrene		0.610	0.0068	0.1	ug/L
P4803-05	A0AP8	Water	Pyrene		0.070 J	0.006	0.1	ug/L
Total Svoc :				4.69				
Total Concentration:				4.69				
Client ID : A0AQ1								
P4803-06	A0AQ1	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
Total Tics :				0.00				
P4803-06	A0AQ1	Water	1-Methylnaphthalene		0.550	0.02	0.1	ug/L
P4803-06	A0AQ1	Water	2-Methylnaphthalene		0.190	0.01	0.1	ug/L
P4803-06	A0AQ1	Water	Acenaphthene		1.700 E	0.01	0.1	ug/L
P4803-06	A0AQ1	Water	Acenaphthylene		0.120	0.01	0.1	ug/L
P4803-06	A0AQ1	Water	Anthracene		0.550	0.01	0.1	ug/L
P4803-06	A0AQ1	Water	Benzo(a)anthracene		0.120	0	0.1	ug/L
P4803-06	A0AQ1	Water	Benzo(b)fluoranthene		0.040 J	0.01	0.1	ug/L
P4803-06	A0AQ1	Water	Chrysene		0.100	0.01	0.1	ug/L
P4803-06	A0AQ1	Water	Fluoranthene		0.970	0.01	0.1	ug/L
P4803-06	A0AQ1	Water	Fluorene		1.600 E	0.01	0.1	ug/L
P4803-06	A0AQ1	Water	Naphthalene		0.460	0	0.1	ug/L
P4803-06	A0AQ1	Water	Phenanthrene		1.000	0.01	0.1	ug/L
P4803-06	A0AQ1	Water	Pyrene		0.660	0.01	0.1	ug/L
Total Svoc :				8.06				
Total Concentration:				8.06				
Client ID : A0AQ3								
P4803-11	A0AQ3	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
Total Tics :				0.00				
P4803-11	A0AQ3	Water	Chrysene		0.030 J	0.0077	0.1	ug/L
P4803-11	A0AQ3	Water	Naphthalene		0.020 J	0.0043	0.1	ug/L
Total Svoc :				0.05				

Hit Summary Sheet SW-846

SDG No.: BM111624

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
			Total Concentration:	0.05				
Client ID :	A0AQ5							
P4803-12	A0AQ5	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
			Total Tics :	0.00				
P4803-12	A0AQ5	Water	2-Methylnaphthalene		0.030	J 0.01	0.1	ug/L
P4803-12	A0AQ5	Water	Acenaphthene		0.020	J 0.01	0.1	ug/L
P4803-12	A0AQ5	Water	Acenaphthylene		0.020	J 0.01	0.1	ug/L
P4803-12	A0AQ5	Water	Anthracene		0.040	J 0.01	0.1	ug/L
P4803-12	A0AQ5	Water	Benzo(a)anthracene		0.040	J 0	0.1	ug/L
P4803-12	A0AQ5	Water	Benzo(a)pyrene		0.040	J 0.02	0.1	ug/L
P4803-12	A0AQ5	Water	Benzo(b)fluoranthene		0.060	J 0.01	0.1	ug/L
P4803-12	A0AQ5	Water	Benzo(g,h,i)perylene		0.040	J 0.02	0.1	ug/L
P4803-12	A0AQ5	Water	Benzo(k)fluoranthene		0.050	J 0.01	0.1	ug/L
P4803-12	A0AQ5	Water	Chrysene		0.060	J 0.01	0.1	ug/L
P4803-12	A0AQ5	Water	Dibenzo(a,h)anthracene		0.030	J 0.01	0.1	ug/L
P4803-12	A0AQ5	Water	Fluoranthene		0.040	J 0.01	0.1	ug/L
P4803-12	A0AQ5	Water	Fluorene		0.040	J 0.01	0.1	ug/L
P4803-12	A0AQ5	Water	Indeno(1,2,3-cd)pyrene		0.040	J 0.02	0.1	ug/L
P4803-12	A0AQ5	Water	Naphthalene		0.030	J 0	0.1	ug/L
P4803-12	A0AQ5	Water	Phenanthrene		0.040	J 0.01	0.1	ug/L
			Total Svoc :	0.62				
			Total Concentration:	0.62				
Client ID :	A0AQ7							
P4803-13	A0AQ7	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
			Total Tics :	0.00				
P4803-13	A0AQ7	Water	2-Methylnaphthalene		0.020	J 0.01	0.1	ug/L
P4803-13	A0AQ7	Water	Acenaphthene		0.020	J 0.01	0.1	ug/L
P4803-13	A0AQ7	Water	Acenaphthylene		0.020	J 0.01	0.1	ug/L
P4803-13	A0AQ7	Water	Benzo(a)anthracene		0.030	J 0	0.1	ug/L
P4803-13	A0AQ7	Water	Benzo(b)fluoranthene		0.040	J 0.01	0.1	ug/L
P4803-13	A0AQ7	Water	Benzo(g,h,i)perylene		0.020	J 0.02	0.1	ug/L
P4803-13	A0AQ7	Water	Benzo(k)fluoranthene		0.030	J 0.01	0.1	ug/L
P4803-13	A0AQ7	Water	Chrysene		0.040	J 0.01	0.1	ug/L
P4803-13	A0AQ7	Water	Fluoranthene		0.020	J 0.01	0.1	ug/L
P4803-13	A0AQ7	Water	Fluorene		0.030	J 0.01	0.1	ug/L
P4803-13	A0AQ7	Water	Indeno(1,2,3-cd)pyrene		0.020	J 0.02	0.1	ug/L
P4803-13	A0AQ7	Water	Naphthalene		0.020	J 0	0.1	ug/L
P4803-13	A0AQ7	Water	Phenanthrene		0.030	J 0.01	0.1	ug/L
			Total Svoc :	0.34				

Hit Summary Sheet SW-846

SDG No.: BM111624

Client:

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
Total Concentration:							0.34		
Client ID : A0AQ9									
P4803-14	A0AQ9	Water	Total Alkanes	*	0.000		0.029	0.2	ug/L
Total Tics :							0.00		
P4803-14	A0AQ9	Water	Chrysene		0.030	J	0.0077	0.1	ug/L
Total Svoc :							0.03		
Total Concentration:							0.03		
Client ID : A0AR9									
P4803-16	A0AR9	Water	Total Alkanes	*	0.000		0.029	0.2	ug/L
Total Tics :							0.00		
P4803-16	A0AR9	Water	Benzo(b)fluoranthene		0.030	J	0.013	0.1	ug/L
P4803-16	A0AR9	Water	Benzo(k)fluoranthene		0.020	J	0.0098	0.1	ug/L
P4803-16	A0AR9	Water	Chrysene		0.030	J	0.0077	0.1	ug/L
Total Svoc :							0.08		
Total Concentration:							0.08		
Client ID : A0AS1									
P4803-17	A0AS1	Water	Total Alkanes	*	0.000		0.029	0.2	ug/L
Total Tics :							0.00		
P4803-17	A0AS1	Water	1-Methylnaphthalene		0.110		0.015	0.1	ug/L
P4803-17	A0AS1	Water	2-Methylnaphthalene		0.090	J	0.0053	0.1	ug/L
P4803-17	A0AS1	Water	Acenaphthene		0.030	J	0.0074	0.1	ug/L
P4803-17	A0AS1	Water	Anthracene		0.040	J	0.008	0.1	ug/L
P4803-17	A0AS1	Water	Benzo(a)anthracene		0.020	J	0.0036	0.1	ug/L
P4803-17	A0AS1	Water	Benzo(b)fluoranthene		0.030	J	0.013	0.1	ug/L
P4803-17	A0AS1	Water	Benzo(k)fluoranthene		0.030	J	0.0098	0.1	ug/L
P4803-17	A0AS1	Water	Chrysene		0.030	J	0.0077	0.1	ug/L
P4803-17	A0AS1	Water	Fluoranthene		0.020	J	0.0079	0.1	ug/L
P4803-17	A0AS1	Water	Fluorene		0.030	J	0.0067	0.1	ug/L
P4803-17	A0AS1	Water	Indeno(1,2,3-cd)pyrene		0.020	J	0.017	0.1	ug/L
P4803-17	A0AS1	Water	Naphthalene		0.140		0.0043	0.1	ug/L
P4803-17	A0AS1	Water	Phenanthrene		0.040	J	0.0068	0.1	ug/L
Total Svoc :							0.63		
Total Concentration:							0.63		
Client ID : A0AS3									
P4803-18	A0AS3	Water	Total Alkanes	*	0.000		0.03	0.2	ug/L
Total Tics :							0.00		
P4803-18	A0AS3	Water	Benzo(a)anthracene		0.020	J	0	0.1	ug/L
P4803-18	A0AS3	Water	Benzo(b)fluoranthene		0.030	J	0.01	0.1	ug/L
P4803-18	A0AS3	Water	Benzo(k)fluoranthene		0.020	J	0.01	0.1	ug/L

Hit Summary Sheet SW-846

SDG No.: BM111624

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P4803-18	A0AS3	Water	Chrysene	0.030	J	0.01	0.1	ug/L
Total Svoc :				0.10				
Total Concentration:				0.10				
Client ID : A0AS8								
P4803-19	A0AS8	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
Total Tics :				0.00				
P4803-19	A0AS8	Water	1-Methylnaphthalene	0.400		0.015	0.1	ug/L
P4803-19	A0AS8	Water	2-Methylnaphthalene	0.110		0.0053	0.1	ug/L
P4803-19	A0AS8	Water	Acenaphthene	0.100		0.0074	0.1	ug/L
P4803-19	A0AS8	Water	Fluorene	0.050	J	0.0067	0.1	ug/L
P4803-19	A0AS8	Water	Naphthalene	0.190		0.0043	0.1	ug/L
Total Svoc :				0.85				
Total Concentration:				0.85				
Client ID : A0AS9								
P4803-20	A0AS9	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
Total Tics :				0.00				
P4803-20	A0AS9	Water	1-Methylnaphthalene	0.330		0.02	0.1	ug/L
P4803-20	A0AS9	Water	2-Methylnaphthalene	0.090	J	0.01	0.1	ug/L
P4803-20	A0AS9	Water	Acenaphthene	0.090	J	0.01	0.1	ug/L
P4803-20	A0AS9	Water	Fluorene	0.050	J	0.01	0.1	ug/L
P4803-20	A0AS9	Water	Naphthalene	0.160		0	0.1	ug/L
Total Svoc :				0.72				
Total Concentration:				0.72				
Client ID : CBA04								
P4828-01	CBA04	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
Total Tics :				0.00				
P4828-01	CBA04	Water	1,4-Dioxane	11.000	E	0.03	0.2	ug/L
Total Svoc :				11.00				
Total Concentration:				11.00				
Client ID : CBA06								
P4828-02	CBA06	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
Total Tics :				0.00				
Total Concentration:				0.00				
Client ID : CBA07								
P4828-03	CBA07	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
Total Tics :				0.00				
P4828-03	CBA07	Water	1,4-Dioxane	36.000	E	0.029	0.2	ug/L
Total Svoc :				36.00				

Hit Summary Sheet
SW-846

SDG No.: BM111624

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
			Total Concentration:			36.00		
Client ID : CBA09								
P4828-04	CBA09	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
			Total Tics :			0.00		
P4828-04	CBA09	Water	1,4-Dioxane		15.000	E 0.03	0.2	ug/L
			Total Svoc :			15.00		
			Total Concentration:			15.00		
Client ID : E29T2								
P4829-05	E29T2	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
P4829-05	E29T2	Water	1,4-Dioxane		0.060	J 0.029	0.2	ug/L
			Total Svoc :			0.06		
			Total Concentration:			0.06		



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BM110624 SAS No.: BM110624 SDG No.: BM110624
Instrument ID: _____ Calibration Date(s): 11/6/2024 : _____
Calibration Time(s): 11:03 _____

LAB FILE ID:		RRFAL1 = BM048471.D			RRFAL2 = BM048472.D		RRFAL3 = BM048473.D	
		RRFAL4 = BM048474.D			RRFAL5 = BM048475.D		RRFAL6 = BM048476.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane		0.590	0.590	0.558	0.533	0.503	0.555	6.7
1,4-Dioxane-d8		0.467	0.498	0.505	0.481	0.462	0.483	3.8
Naphthalene	1.013	1.018	1.037	0.985	0.957		1.002	3.1
1-Methylnaphthalene	0.670	0.659	0.655	0.630	0.615		0.646	3.5
2-Methylnaphthalene	0.671	0.634	0.636	0.611	0.601		0.630	4.3
Acenaphthylene	1.505	1.520	1.529	1.536	1.505		1.519	0.9
Acenaphthene	1.262	1.217	1.222	1.205	1.170		1.215	2.7
Fluorene	1.342	1.348	1.305	1.322	1.285		1.320	2.0
Pentachlorophenol		0.146	0.136	0.148	0.151	0.152	0.147	4.4
Phenanthrene	1.121	1.052	1.020	1.040	1.021		1.051	3.9
Anthracene	1.030	0.990	0.949	0.967	0.954		0.978	3.4
Fluoranthene	1.516	1.531	1.499	1.443	1.416		1.481	3.3
Pyrene	1.640	1.668	1.642	1.566	1.521		1.607	3.8
Benzo(a)anthracene	1.426	1.306	1.269	1.266	1.281		1.310	5.1
Chrysene	1.563	1.649	1.613	1.569	1.463		1.571	4.4
Benzo(b)fluoranthene	1.324	1.219	1.180	1.253	1.257		1.246	4.3
Benzo(k)fluoranthene	1.455	1.530	1.478	1.452	1.394		1.462	3.4
Benzo(a)pyrene	1.225	1.209	1.225	1.228	1.197		1.217	1.1
Indeno(1,2,3-cd)pyrene	1.766	1.683	1.655	1.700	1.690		1.699	2.4
Dibenzo(a,h)anthracene	1.388	1.302	1.293	1.317	1.311		1.322	2.9
Benzo(g,h,i)perylene	1.477	1.440	1.394	1.420	1.401		1.426	2.3
Fluoranthene-d10	1.154	1.151	1.141	1.095	1.074		1.123	3.2
2-Methylnaphthalene-d10	0.552	0.538	0.514	0.497	0.485		0.517	5.4

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.: BM111624 SAS No.: BM111624 SDG NO.: BM111624

EPA Sample No.: SSTD0.4036

Date Analyzed: Nov 16 2024 12:00AM

Lab File ID: BM048473.D

Time Analyzed: 12:11

Instrument ID: BNA_M

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	3648	7.683	11347	10.47	6385	14.33
	UPPER LIMIT	7296	8.183	22694	10.973	12770	14.825
	LOWER LIMIT	1824	7.183	5673.5	9.973	3192.5	13.825
	EPA SAMPLE NO.						
01	SBLK979	3322	7.63	10024	10.41	5079	14.28
02	SBLK981	3930	7.63	11824	10.41	6009	14.28
03	A0AP2	5041	7.63	15963	10.41	9990	14.28
04	A0AP4	4144	7.63	12908	10.41	6575	14.28
05	A0AP6	4045	7.63	12312	10.41	6671	14.28
06	A0AP8	3356	7.63	10142	10.41	5869	14.28
07	A0AQ1	3596	7.63	10600	10.41	5798	14.28
08	A0AQ3	3298	7.63	9782	10.41	5233	14.28
09	A0AQ5	3263	7.63	9766	10.41	5421	14.28
10	A0AQ7	3246	7.63	9679	10.41	5167	14.28
11	A0AQ9	3109	7.63	9207	10.41	4900	14.28
12	A0AR9	3665	7.63	10782	10.41	5720	14.28
13	A0AS1	3475	7.63	10530	10.41	5844	14.28
14	A0AS3	3300	7.63	9920	10.41	5531	14.28
15	SLCS981	3147	7.70	9441	10.46	5308	14.30
16	SLCS979	2932	7.71	8543	10.47	4883	14.30
17	SBLK000	3917	7.63	11917	10.41	6014	14.28
18	SBLK998	3285	7.63	9806	10.41	4968	14.28
19	SBLK843	2911	7.63	8633	10.41	4361	14.28
20	A0AN0DL	3404	7.63	9999	10.42	5748	14.28
21	A0AS8	3269	7.63	9912	10.41	5687	14.28
22	A0AS9	4151	7.63	12546	10.41	7260	14.28
23	CBA04	4951	7.63	15323	10.41	7968	14.28

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM111624 SAS No.: BM111624 SDG NO.: BM111624

EPA Sample No.: SSTD0.4036 Date Analyzed: Nov 17 2024 12:00AM

Lab File ID: BM048473.D Time Analyzed: 03:21

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	3648	7.683	11347	10.47	6385	14.33
UPPER LIMIT	7296	8.183	22694	10.973	12770	14.825
LOWER LIMIT	1824	7.183	5673.5	9.973	3192.5	13.825
EPA SAMPLE NO.						
24 CBA06	3408	7.63	10442	10.41	5762	14.28
25 CBA07	3057	7.63	9584	10.41	5495	14.28
26 CBA09	3892	7.63	11721	10.40	6735	14.27
27 E29T2	3622	7.63	10961	10.41	5815	14.28
28 SLCS000	2878	7.72	8818	10.47	5310	14.30
29 SLCS998	2724	7.73	8676	10.47	5205	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.: BM111624 SAS No.: BM111624 SDG NO.: BM111624

EPA Sample No.: SSTD0.4086 Date Analyzed: Nov 16 2024 12:00AM

Lab File ID: BM048736.D Time Analyzed: 12:11

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	2746	7.679	9502	10.44	5285	14.29
	UPPER LIMIT	5492	8.179	19004	10.943	10570	14.786
	LOWER LIMIT	1373	7.179	4751	9.943	2642.5	13.786
	EPA SAMPLE NO.						
01	SBLK979	3322	7.63	10024	10.41	5079	14.28
02	SBLK981	3930	7.63	11824	10.41	6009	14.28
03	A0AP2	5041	7.63	15963	10.41	9990	14.28
04	A0AP4	4144	7.63	12908	10.41	6575	14.28
05	A0AP6	4045	7.63	12312	10.41	6671	14.28
06	A0AP8	3356	7.63	10142	10.41	5869	14.28
07	A0AQ1	3596	7.63	10600	10.41	5798	14.28
08	A0AQ3	3298	7.63	9782	10.41	5233	14.28
09	A0AQ5	3263	7.63	9766	10.41	5421	14.28
10	A0AQ7	3246	7.63	9679	10.41	5167	14.28
11	A0AQ9	3109	7.63	9207	10.41	4900	14.28
12	A0AR9	3665	7.63	10782	10.41	5720	14.28
13	A0AS1	3475	7.63	10530	10.41	5844	14.28
14	A0AS3	3300	7.63	9920	10.41	5531	14.28
15	SLCS981	3147	7.70	9441	10.46	5308	14.30
16	SLCS979	2932	7.71	8543	10.47	4883	14.30

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM111624 SAS No.: BM111624 SDG NO.: BM111624

EPA Sample No.: SSTD0.4086 Date Analyzed: Nov 16 2024 12:00AM

Lab File ID: BM048736.D Time Analyzed: 21:17

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	2746	7.679	9502	10.44	5285	14.29
UPPER LIMIT	5492	8.179	19004	10.943	10570	14.786
LOWER LIMIT	1373	7.179	4751	9.943	2642.5	13.786
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.: BM111624 SAS No.: BM111624 SDG NO.: BM111624

EPA Sample No.: SSTD0.4087 Date Analyzed: Nov 16 2024 12:00AM

Lab File ID: BM048753.D Time Analyzed: 23:06

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	2881	7.709	8881	10.46	5062	14.30
UPPER LIMIT	5762	8.209	17762	10.959	10124	14.795
LOWER LIMIT	1440.5	7.209	4440.5	9.959	2531	13.795
EPA SAMPLE NO.						
01 SBLK000	3917	7.63	11917	10.41	6014	14.28
02 SBLK998	3285	7.63	9806	10.41	4968	14.28
03 SBLK843	2911	7.63	8633	10.41	4361	14.28
04 A0AN0DL	3404	7.63	9999	10.42	5748	14.28
05 A0AS8	3269	7.63	9912	10.41	5687	14.28
06 A0AS9	4151	7.63	12546	10.41	7260	14.28
07 CBA04	4951	7.63	15323	10.41	7968	14.28
08 CBA06	3408	7.63	10442	10.41	5762	14.28
09 CBA07	3057	7.63	9584	10.41	5495	14.28
10 CBA09	3892	7.63	11721	10.40	6735	14.27
11 E29T2	3622	7.63	10961	10.41	5815	14.28
12 SLCS000	2878	7.72	8818	10.47	5310	14.30
13 SLCS998	2724	7.73	8676	10.47	5205	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.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM111624 SAS No.: BM111624 SDG NO.: BM111624

EPA Sample No.: SSTD0.4036 Date Analyzed: Nov 16 2024 12:00AM

Lab File ID: BM048473.D Time Analyzed: 12:11

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	12342	17.081	10303	21.263	11327	23.496
	UPPER LIMIT	24684	17.581	20606	21.763	22654	23.996
	LOWER LIMIT	6171	16.581	5151.5	20.763	5663.5	22.996
	EPA SAMPLE NO.						
01	SBLK979	9578	17.02	7739	21.24	5488 *	23.43
02	SBLK981	11324	17.02	8650	21.24	6280	23.43
03	A0AP2	19193	17.02	14092	21.24	8626	23.43
04	A0AP4	12309	17.02	9124	21.22	6862	23.43
05	A0AP6	12162	17.02	9648	21.22	7859	23.42
06	A0AP8	11906	17.02	10601	21.22	8811	23.42
07	A0AQ1	11486	17.02	9940	21.22	8668	23.42
08	A0AQ3	10036	17.02	8538	21.24	6580	23.43
09	A0AQ5	11244	17.02	8648	21.23	7128	23.42
10	A0AQ7	10058	17.02	8438	21.23	7270	23.42
11	A0AQ9	9466	17.02	8213	21.22	7048	23.42
12	A0AR9	10697	17.02	8280	21.24	6354	23.43
13	A0AS1	11675	17.02	10011	21.22	9188	23.42
14	A0AS3	10021	17.02	8809	21.22	8002	23.42
15	SLCS981	9607	17.06	8781	21.24	10224	23.44
16	SLCS979	8779	17.06	7861	21.24	8861	23.44
17	SBLK000	11052	17.02	7906	21.24	6028	23.43
18	SBLK998	9325	17.03	7671	21.24	5904	23.43
19	SBLK843	8424	17.03	7178	21.24	5711	23.43
20	A0AN0DL	11455	17.03	10239	21.23	9642	23.42
21	A0AS8	10866	17.02	9605	21.22	8450	23.42

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM111624 SAS No.: BM111624 SDG NO.: BM111624

EPA Sample No.: SSTD0.4036 Date Analyzed: Nov 17 2024 12:00AM

Lab File ID: BM048473.D Time Analyzed: 02:08

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	12342	17.081	10303	21.263	11327	23.496
	UPPER LIMIT	24684	17.581	20606	21.763	22654	23.996
	LOWER LIMIT	6171	16.581	5151.5	20.763	5663.5	22.996
	EPA SAMPLE NO.						
22	A0AS9	14573	17.02	12649	21.22	11612	23.42
23	CBA04	15517	17.02	11043	21.22	10731	23.42
24	CBA06	11868	17.02	10043	21.24	8195	23.42
25	CBA07	11300	17.02	9589	21.22	8861	23.42
26	CBA09	14876	17.02	12081	21.22	11874	23.42
27	E29T2	11900	17.02	9673	21.23	8553	23.42
28	SLCS000	10295	17.06	9189	21.23	10639	23.44
29	SLCS998	10054	17.06	9153	21.24	10544	23.44

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.: BM111624 SAS No.: BM111624 SDG NO.: BM111624

EPA Sample No.: SSTD0.4086 Date Analyzed: Nov 16 2024 12:00AM

Lab File ID: BM048736.D Time Analyzed: 12:11

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	9710	17.045	8208	21.228	8231	23.435
	UPPER LIMIT	19420	17.545	16416	21.728	16462	23.935
	LOWER LIMIT	4855	16.545	4104	20.728	4115.5	22.935
	EPA SAMPLE NO.						
01	SBLK979	9578	17.02	7739	21.24	5488	23.43
02	SBLK981	11324	17.02	8650	21.24	6280	23.43
03	A0AP2	19193	17.02	14092	21.24	8626	23.43
04	A0AP4	12309	17.02	9124	21.22	6862	23.43
05	A0AP6	12162	17.02	9648	21.22	7859	23.42
06	A0AP8	11906	17.02	10601	21.22	8811	23.42
07	A0AQ1	11486	17.02	9940	21.22	8668	23.42
08	A0AQ3	10036	17.02	8538	21.24	6580	23.43
09	A0AQ5	11244	17.02	8648	21.23	7128	23.42
10	A0AQ7	10058	17.02	8438	21.23	7270	23.42
11	A0AQ9	9466	17.02	8213	21.22	7048	23.42
12	A0AR9	10697	17.02	8280	21.24	6354	23.43
13	A0AS1	11675	17.02	10011	21.22	9188	23.42
14	A0AS3	10021	17.02	8809	21.22	8002	23.42
15	SLCS981	9607	17.06	8781	21.24	10224	23.44
16	SLCS979	8779	17.06	7861	21.24	8861	23.44

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM111624 SAS No.: BM111624 SDG NO.: BM111624

EPA Sample No.: SSTD0.4086 Date Analyzed: Nov 16 2024 12:00AM

Lab File ID: BM048736.D Time Analyzed: 21:17

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	9710	17.045	8208	21.228	8231	23.435
UPPER LIMIT	19420	17.545	16416	21.728	16462	23.935
LOWER LIMIT	4855	16.545	4104	20.728	4115.5	22.935
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.: BM111624 SAS No.: BM111624 SDG NO.: BM111624

EPA Sample No.: SSTD0.4087 Date Analyzed: Nov 16 2024 12:00AM

Lab File ID: BM048753.D Time Analyzed: 23:06

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	9002	17.062	8071	21.237	9328	23.447
UPPER LIMIT	18004	17.562	16142	21.737	18656	23.947
LOWER LIMIT	4501	16.562	4035.5	20.737	4664	22.947
EPA SAMPLE NO.						
01 SBLK000	11052	17.02	7906	21.24	6028	23.43
02 SBLK998	9325	17.03	7671	21.24	5904	23.43
03 SBLK843	8424	17.03	7178	21.24	5711	23.43
04 A0AN0DL	11455	17.03	10239	21.23	9642	23.42
05 A0AS8	10866	17.02	9605	21.22	8450	23.42
06 A0AS9	14573	17.02	12649	21.22	11612	23.42
07 CBA04	15517	17.02	11043	21.22	10731	23.42
08 CBA06	11868	17.02	10043	21.24	8195	23.42
09 CBA07	11300	17.02	9589	21.22	8861	23.42
10 CBA09	14876	17.02	12081	21.22	11874	23.42
11 E29T2	11900	17.02	9673	21.23	8553	23.42
12 SLCS000	10295	17.06	9189	21.23	10639	23.44
13 SLCS998	10054	17.06	9153	21.24	10544	23.44

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.: BM111624

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB164979BS	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	0.39	ug/L	98				0	0		
	2-Methylnaphthalene	0.4	0.33	ug/L	83				0	0		
	Acenaphthylene	0.4	0.38	ug/L	95				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	0.55	ug/L	69				0	0		
	Phenanthrene	0.4	0.34	ug/L	85				0	0		
	Anthracene	0.4	0.33	ug/L	83				0	0		
	Fluoranthene	0.4	0.36	ug/L	90				0	0		
	Pyrene	0.4	0.36	ug/L	90				0	0		
	Benzo(a)anthracene	0.4	0.32	ug/L	80				0	0		
	Chrysene	0.4	0.42	ug/L	105				0	0		
	Benzo(b)fluoranthene	0.4	0.37	ug/L	93				0	0		
	Benzo(k)fluoranthene	0.4	0.42	ug/L	105				0	0		
	Benzo(a)pyrene	0.4	0.4	ug/L	100				0	0		
	Indeno(1,2,3-cd)pyrene	0.4	0.4	ug/L	100				0	0		
	Dibenzo(a,h)anthracene	0.4	0.39	ug/L	98				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.: BM111624

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB164981BS	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	0.38	ug/L	95				0	0		
	2-Methylnaphthalene	0.4	0.33	ug/L	83				0	0		
	Acenaphthylene	0.4	0.38	ug/L	95				0	0		
	Acenaphthene	0.4	0.38	ug/L	95				0	0		
	Fluorene	0.4	0.35	ug/L	88				0	0		
	Pentachlorophenol	0.8	0.59	ug/L	74				0	0		
	Phenanthrene	0.4	0.33	ug/L	83				0	0		
	Anthracene	0.4	0.33	ug/L	83				0	0		
	Fluoranthene	0.4	0.34	ug/L	85				0	0		
	Pyrene	0.4	0.35	ug/L	88				0	0		
	Benzo(a)anthracene	0.4	0.33	ug/L	83				0	0		
	Chrysene	0.4	0.41	ug/L	103				0	0		
	Benzo(b)fluoranthene	0.4	0.37	ug/L	93				0	0		
	Benzo(k)fluoranthene	0.4	0.4	ug/L	100				0	0		
	Benzo(a)pyrene	0.4	0.4	ug/L	100				0	0		
	Indeno(1,2,3-cd)pyrene	0.4	0.4	ug/L	100				0	0		
	Dibenzo(a,h)anthracene	0.4	0.39	ug/L	98				0	0		
	Benzo(g,h,i)perylene	0.4	0.4	ug/L	100				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM111624

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB164998BS	1,4-Dioxane	2	2.1	ug/L	105				0	0		
	Naphthalene	0.4	0.4	ug/L	100				0	0		
	1-Methylnaphthalene	0.4	0.41	ug/L	103				0	0		
	2-Methylnaphthalene	0.4	0.35	ug/L	88				0	0		
	Acenaphthylene	0.4	0.4	ug/L	100				0	0		
	Acenaphthene	0.4	0.4	ug/L	100				0	0		
	Fluorene	0.4	0.39	ug/L	98				0	0		
	Pentachlorophenol	0.8	0.61	ug/L	76				0	0		
	Phenanthrene	0.4	0.36	ug/L	90				0	0		
	Anthracene	0.4	0.34	ug/L	85				0	0		
	Fluoranthene	0.4	0.39	ug/L	98				0	0		
	Pyrene	0.4	0.39	ug/L	98				0	0		
	Benzo(a)anthracene	0.4	0.35	ug/L	88				0	0		
	Chrysene	0.4	0.45	ug/L	113				0	0		
	Benzo(b)fluoranthene	0.4	0.38	ug/L	95				0	0		
	Benzo(k)fluoranthene	0.4	0.43	ug/L	108				0	0		
	Benzo(a)pyrene	0.4	0.42	ug/L	105				0	0		
	Indeno(1,2,3-cd)pyrene	0.4	0.41	ug/L	103				0	0		
	Dibenzo(a,h)anthracene	0.4	0.4	ug/L	100				0	0		
	Benzo(g,h,i)perylene	0.4	0.42	ug/L	105				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM111624

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB165000BS	1,4-Dioxane	2	1.9	ug/L	95				0	0		
	Naphthalene	0.4	0.4	ug/L	100				0	0		
	1-Methylnaphthalene	0.4	0.41	ug/L	103				0	0		
	2-Methylnaphthalene	0.4	0.36	ug/L	90				0	0		
	Acenaphthylene	0.4	0.4	ug/L	100				0	0		
	Acenaphthene	0.4	0.4	ug/L	100				0	0		
	Fluorene	0.4	0.39	ug/L	98				0	0		
	Pentachlorophenol	0.8	0.63	ug/L	79				0	0		
	Phenanthrene	0.4	0.36	ug/L	90				0	0		
	Anthracene	0.4	0.34	ug/L	85				0	0		
	Fluoranthene	0.4	0.39	ug/L	98				0	0		
	Pyrene	0.4	0.39	ug/L	98				0	0		
	Benzo(a)anthracene	0.4	0.34	ug/L	85				0	0		
	Chrysene	0.4	0.45	ug/L	113				0	0		
	Benzo(b)fluoranthene	0.4	0.39	ug/L	98				0	0		
	Benzo(k)fluoranthene	0.4	0.44	ug/L	110				0	0		
	Benzo(a)pyrene	0.4	0.42	ug/L	105				0	0		
	Indeno(1,2,3-cd)pyrene	0.4	0.41	ug/L	103				0	0		
	Dibenzo(a,h)anthracene	0.4	0.4	ug/L	100				0	0		
	Benzo(g,h,i)perylene	0.4	0.41	ug/L	103				0	0		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK843

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM111624

SAS No.: BM111624 SDG NO.: BM111624

Lab File ID: BM048756.D

Lab Sample ID: PB164843BL

Instrument ID: BNA_M

Date Extracted: 11/10/2024

Matrix: (soil/water) Water

Date Analyzed: 11/17/2024

Level: (low/med) LOW

Time Analyzed: 00:19

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED

COMMENTS:

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK979

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM111624

SAS No.: BM111624 SDG NO.: BM111624

Lab File ID: BM048737.D

Lab Sample ID: PB164979BL

Instrument ID: BNA_M

Date Extracted: 11/14/2024

Matrix: (soil/water) Water

Date Analyzed: 11/16/2024

Level: (low/med) LOW

Time Analyzed: 12:11

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB164979BS	PB164979BS	BM048752.D	11/16/2024
A0AP2	P4803-02	BM048739.D	11/16/2024
A0AP4	P4803-03	BM048740.D	11/16/2024
A0AP6	P4803-04	BM048741.D	11/16/2024
A0AP8	P4803-05	BM048742.D	11/16/2024
A0AQ1	P4803-06	BM048743.D	11/16/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK981

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM111624

SAS No.: BM111624 SDG NO.: BM111624

Lab File ID: BM048738.D

Lab Sample ID: PB164981BL

Instrument ID: BNA_M

Date Extracted: 11/14/2024

Matrix: (soil/water) Water

Date Analyzed: 11/16/2024

Level: (low/med) LOW

Time Analyzed: 12:47

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB164981BS	PB164981BS	BM048751.D	11/16/2024
A0AQ3	P4803-11	BM048744.D	11/16/2024
A0AQ5	P4803-12	BM048745.D	11/16/2024
A0AQ7	P4803-13	BM048746.D	11/16/2024
A0AQ9	P4803-14	BM048747.D	11/16/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK998

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM111624

SAS No.: BM111624 SDG NO.: BM111624

Lab File ID: BM048755.D

Lab Sample ID: PB164998BL

Instrument ID: BNA_M

Date Extracted: 11/15/2024

Matrix: (soil/water) Water

Date Analyzed: 11/16/2024

Level: (low/med) LOW

Time Analyzed: 23:43

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB164998BS	PB164998BS	BM048766.D	11/17/2024
A0AR9	P4803-16	BM048748.D	11/16/2024
A0AS1	P4803-17	BM048749.D	11/16/2024
A0AS3	P4803-18	BM048750.D	11/16/2024
A0AS8	P4803-19	BM048758.D	11/17/2024
A0AS9	P4803-20	BM048759.D	11/17/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK000

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM111624

SAS No.: BM111624 SDG NO.: BM111624

Lab File ID: BM048754.D

Lab Sample ID: PB165000BL

Instrument ID: BNA_M

Date Extracted: 11/15/2024

Matrix: (soil/water) Water

Date Analyzed: 11/16/2024

Level: (low/med) LOW

Time Analyzed: 23:06

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
CBA04	P4828-01	BM048760.D	11/17/2024
CBA06	P4828-02	BM048761.D	11/17/2024
CBA07	P4828-03	BM048762.D	11/17/2024
CBA09	P4828-04	BM048763.D	11/17/2024
E29T2	P4829-05	BM048764.D	11/17/2024
PB165000BS	PB165000BS	BM048765.D	11/17/2024

COMMENTS: _____

Surrogate Summary

SW-846

SDG No.: BM111624

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4761-09DL	A0AN0DL	BM048757.D	1,4-Dioxane-d8	8	6.24	78		15	120
			Fluoranthene-d10	0.4	0.47	117		30	130
			2-Methylnaphthalene-d10	0.4	0.43	106		30	130
PB164843BL	PB164843BL	BM048756.D	1,4-Dioxane-d8	8	6.86	86		15	120
			Fluoranthene-d10	0.4	0.40	99		30	130
			2-Methylnaphthalene-d10	0.4	0.36	90		30	130

Surrogate Summary

SW-846

SDG No.: **BM111624**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4803-02	A0AP2	BM048739.D	1,4-Dioxane-d8	8	3.59	45		15	120
			Fluoranthene-d10	0.4	0.39	97		30	130
			2-Methylnaphthalene-d10	0.4	0.31	76		30	130
P4803-03	A0AP4	BM048740.D	1,4-Dioxane-d8	8	4.57	57		15	120
			Fluoranthene-d10	0.4	0.39	97		30	130
			2-Methylnaphthalene-d10	0.4	0.28	71		30	130
P4803-04	A0AP6	BM048741.D	1,4-Dioxane-d8	8	4.59	57		15	120
			Fluoranthene-d10	0.4	0.32	80		30	130
			2-Methylnaphthalene-d10	0.4	0.24	59		30	130
P4803-05	A0AP8	BM048742.D	1,4-Dioxane-d8	8	4.84	60		15	120
			Fluoranthene-d10	0.4	0.36	91		30	130
			2-Methylnaphthalene-d10	0.4	0.32	81		30	130
P4803-06	A0AQ1	BM048743.D	1,4-Dioxane-d8	8	4.99	62		15	120
			Fluoranthene-d10	0.4	0.39	97		30	130
			2-Methylnaphthalene-d10	0.4	0.34	86		30	130
PB164979BL	PB164979BL	BM048737.D	1,4-Dioxane-d8	8	6.50	81		15	120
			Fluoranthene-d10	0.4	0.36	89		30	130
			2-Methylnaphthalene-d10	0.4	0.35	87		30	130
PB164979BS	PB164979BS	BM048752.D	1,4-Dioxane-d8	0.8	0.75	93		15	120
			Fluoranthene-d10	0.4	0.36	91		30	130
			2-Methylnaphthalene-d10	0.4	0.37	93		30	130

Surrogate Summary

SW-846

SDG No.: **BM111624**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4803-11	A0AQ3	BM048744.D	1,4-Dioxane-d8	8	4.90	61		15	120
			Fluoranthene-d10	0.4	0.40	100		30	130
			2-Methylnaphthalene-d10	0.4	0.33	83		30	130
P4803-12	A0AQ5	BM048745.D	1,4-Dioxane-d8	8	5.79	72		15	120
			Fluoranthene-d10	0.4	0.45	112		30	130
			2-Methylnaphthalene-d10	0.4	0.33	83		30	130
P4803-13	A0AQ7	BM048746.D	1,4-Dioxane-d8	8	5.38	67		15	120
			Fluoranthene-d10	0.4	0.39	97		30	130
			2-Methylnaphthalene-d10	0.4	0.29	72		30	130
P4803-14	A0AQ9	BM048747.D	1,4-Dioxane-d8	8	6.29	79		15	120
			Fluoranthene-d10	0.4	0.43	108		30	130
			2-Methylnaphthalene-d10	0.4	0.38	95		30	130
PB164981BL	PB164981BL	BM048738.D	1,4-Dioxane-d8	8	5.69	71		15	120
			Fluoranthene-d10	0.4	0.34	84		30	130
			2-Methylnaphthalene-d10	0.4	0.31	77		30	130
PB164981BS	PB164981BS	BM048751.D	1,4-Dioxane-d8	0.8	0.73	91		15	120
			Fluoranthene-d10	0.4	0.35	88		30	130
			2-Methylnaphthalene-d10	0.4	0.36	90		30	130

Surrogate Summary

SW-846

SDG No.: **BM111624**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4803-16	A0AR9	BM048748.D	1,4-Dioxane-d8	8	4.86	61		15	120
			Fluoranthene-d10	0.4	0.43	108		30	130
			2-Methylnaphthalene-d10	0.4	0.35	88		30	130
P4803-17	A0AS1	BM048749.D	1,4-Dioxane-d8	8	3.97	50		15	120
			Fluoranthene-d10	0.4	0.23	58		30	130
			2-Methylnaphthalene-d10	0.4	0.18	46		30	130
P4803-18	A0AS3	BM048750.D	1,4-Dioxane-d8	8	5.33	67		15	120
			Fluoranthene-d10	0.4	0.40	100		30	130
			2-Methylnaphthalene-d10	0.4	0.34	85		30	130
P4803-19	A0AS8	BM048758.D	1,4-Dioxane-d8	8	5.08	63		15	120
			Fluoranthene-d10	0.4	0.36	89		30	130
			2-Methylnaphthalene-d10	0.4	0.37	91		30	130
P4803-20	A0AS9	BM048759.D	1,4-Dioxane-d8	8	4.08	51		15	120
			Fluoranthene-d10	0.4	0.31	76		30	130
			2-Methylnaphthalene-d10	0.4	0.26	64		30	130
PB164998BL	PB164998BL	BM048755.D	1,4-Dioxane-d8	8	6.57	82		15	120
			Fluoranthene-d10	0.4	0.38	94		30	130
			2-Methylnaphthalene-d10	0.4	0.35	86		30	130
PB164998BS	PB164998BS	BM048766.D	1,4-Dioxane-d8	0.8	0.84	105		15	120
			Fluoranthene-d10	0.4	0.40	99		30	130
			2-Methylnaphthalene-d10	0.4	0.39	96		30	130

Surrogate Summary

SW-846

SDG No.: **BM111624**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4828-01	CBA04	BM048760.D	1,4-Dioxane-d8	8	3.66	46		15	120
			Fluoranthene-d10	0.4	0.25	63		30	130
			2-Methylnaphthalene-d10	0.4	0.19	49		30	130
P4828-02	CBA06	BM048761.D	1,4-Dioxane-d8	8	4.63	58		15	120
			Fluoranthene-d10	0.4	0.45	112		30	130
			2-Methylnaphthalene-d10	0.4	0.39	97		30	130
P4828-03	CBA07	BM048762.D	1,4-Dioxane-d8	8	4.70	59		15	120
			Fluoranthene-d10	0.4	0.12	29	*	30	130
			2-Methylnaphthalene-d10	0.4	0.12	29	*	30	130
P4828-04	CBA09	BM048763.D	1,4-Dioxane-d8	8	4.68	59		15	120
			Fluoranthene-d10	0.4	0.34	84		30	130
			2-Methylnaphthalene-d10	0.4	0.32	80		30	130
P4829-05	E29T2	BM048764.D	1,4-Dioxane-d8	8	4.26	53		15	120
			Fluoranthene-d10	0.4	0.41	103		30	130
			2-Methylnaphthalene-d10	0.4	0.28	71		30	130
PB165000BL	PB165000BL	BM048754.D	1,4-Dioxane-d8	8	6.31	79		15	120
			Fluoranthene-d10	0.4	0.40	100		30	130
			2-Methylnaphthalene-d10	0.4	0.34	85		30	130
PB165000BS	PB165000BS	BM048765.D	1,4-Dioxane-d8	0.8	0.78	98		15	120
			Fluoranthene-d10	0.4	0.40	99		30	130
			2-Methylnaphthalene-d10	0.4	0.39	97		30	130

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM111624

Lab Code: CHEM

SAS No.: BM111624 SDG NO.: BM111624

Lab File ID: BM048735.D

DFTPP Injection Date: 11/16/2024

Instrument ID: BNA_M

DFTPP Injection Time: 10:55

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	31.9
68	Less than 2.0% of mass 69	0.5 (1.5) 1
69	Mass 69 relative abundance	33.4
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	44.6
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	24.6
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	12.1
442	Greater than 50% of mass 198	76.5
443	15.0 - 24.0% of mass 442	15.1 (19.7) 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
SSTD0.4086	SSTDCCC0.4	BM048736.D	11/16/2024	11:35
SBLK979	PB164979BL	BM048737.D	11/16/2024	12:11
SBLK981	PB164981BL	BM048738.D	11/16/2024	12:47
A0AP2	P4803-02	BM048739.D	11/16/2024	13:27
A0AP4	P4803-03	BM048740.D	11/16/2024	14:03
A0AP6	P4803-04	BM048741.D	11/16/2024	14:39
A0AP8	P4803-05	BM048742.D	11/16/2024	15:15
A0AQ1	P4803-06	BM048743.D	11/16/2024	15:52
A0AQ3	P4803-11	BM048744.D	11/16/2024	16:28
A0AQ5	P4803-12	BM048745.D	11/16/2024	17:04
A0AQ7	P4803-13	BM048746.D	11/16/2024	17:40
A0AQ9	P4803-14	BM048747.D	11/16/2024	18:16
A0AR9	P4803-16	BM048748.D	11/16/2024	18:53
A0AS1	P4803-17	BM048749.D	11/16/2024	19:29
A0AS3	P4803-18	BM048750.D	11/16/2024	20:05
SLCS981	PB164981BS	BM048751.D	11/16/2024	20:41
SLCS979	PB164979BS	BM048752.D	11/16/2024	21:17
SSTD0.4087	SSTDCCC0.4	BM048753.D	11/16/2024	22:30

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM111624

Lab Code: CHEM

SAS No.: BM111624 SDG NO.: BM111624

Lab File ID: BM048735.D

DFTPP Injection Date: 11/16/2024

Instrument ID: BNA_M

DFTPP Injection Time: 10:55

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	31.9
68	Less than 2.0% of mass 69	0.5 (1.5) 1
69	Mass 69 relative abundance	33.4
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	44.6
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	24.6
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	12.1
442	Greater than 50% of mass 198	76.5
443	15.0 - 24.0% of mass 442	15.1 (19.7) 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
SBLK000	PB165000BL	BM048754.D	11/16/2024	23:06
SBLK998	PB164998BL	BM048755.D	11/16/2024	23:43
SBLK843	PB164843BL	BM048756.D	11/17/2024	00:19
A0AN0DL	P4761-09DL	BM048757.D	11/17/2024	00:55
A0AS8	P4803-19	BM048758.D	11/17/2024	01:32
A0AS9	P4803-20	BM048759.D	11/17/2024	02:08
CBA04	P4828-01	BM048760.D	11/17/2024	02:44
CBA06	P4828-02	BM048761.D	11/17/2024	03:21
CBA07	P4828-03	BM048762.D	11/17/2024	03:57
CBA09	P4828-04	BM048763.D	11/17/2024	04:34
E29T2	P4829-05	BM048764.D	11/17/2024	05:10
SLCS000	PB165000BS	BM048765.D	11/17/2024	05:46
SLCS998	PB164998BS	BM048766.D	11/17/2024	06:22
SSTD0.4088	SSTDCCC0.4EC	BM048767.D	11/17/2024	07:34