

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM111824 SAS No.: BM111824 SDG No.: BM111824

Instrument ID: BNA_M Calibration Date/Time: 11/18/2024 : 10:32

Lab File ID: BM048769.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4089 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	0.624	0.010	12.4754	40.0
1,4-Dioxane-d8	0.483	0.560	0.010	16.0519	40.0
Naphthalene	1.002	1.070	0.600	6.8329	30.0
1-Methylnaphthalene	0.646	0.710	0.300	9.9881	30.0
2-Methylnaphthalene	0.630	0.578	0.300	-8.3372	30.0
Acenaphthylene	1.519	1.573	0.900	3.5649	30.0
Acenaphthene	1.215	1.288	0.500	5.9808	30.0
Fluorene	1.320	1.310	0.700	-0.7848	30.0
Pentachlorophenol	0.147	0.112	0.010	-23.8535	50.0
Phenanthrene	1.051	0.973	0.300	-7.3941	30.0
Anthracene	0.978	0.857	0.400	-12.3844	30.0
Fluoranthene	1.481	1.529	0.400	3.2173	30.0
Pyrene	1.607	1.656	0.500	3.0191	30.0
Benzo (a) anthracene	1.310	1.051	0.400	-19.7493	30.0
Chrysene	1.571	1.836	0.400	16.8392	30.0
Benzo (b) fluoranthene	1.246	1.171	0.200	-6.0313	30.0
Benzo (k) fluoranthene	1.462	1.648	0.200	12.7601	30.0
Benzo (a) pyrene	1.217	1.248	0.200	2.6099	30.0
Indeno (1,2,3-cd) pyrene	1.699	1.651	0.200	-2.7988	30.0
Dibenzo (a,h) anthracene	1.322	1.200	0.200	-9.2486	30.0
Benzo (g,h,i) perylene	1.426	1.478	0.200	3.5773	30.0
Fluoranthene-d10	1.123	1.121	0.400	-0.1872	30.0
2-Methylnaphthalene-d10	0.517	0.494	0.300	-4.5424	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.: BM111824 SAS No.: BM111824 SDG No.: BM111824

Instrument ID: BNA_M Calibration Date/Time: 11/18/2024 : 20:52

Lab File ID: BM048785.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4090 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	0.667	0.010	20.2695	40.0
1,4-Dioxane-d8	0.483	0.533	0.010	10.4302	40.0
Naphthalene	1.002	1.025	0.600	2.3388	30.0
1-Methylnaphthalene	0.646	0.711	0.300	10.0779	30.0
2-Methylnaphthalene	0.630	0.520	0.300	-17.5812	30.0
Acenaphthylene	1.519	1.531	0.900	0.8029	30.0
Acenaphthene	1.215	1.270	0.500	4.5643	30.0
Fluorene	1.320	1.303	0.700	-1.3252	30.0
Pentachlorophenol	0.147	0.093	0.010	-36.9368	50.0
Phenanthrene	1.051	0.950	0.300	-9.6263	30.0
Anthracene	0.978	0.813	0.400	-16.826	30.0
Fluoranthene	1.481	1.477	0.400	-0.249	30.0
Pyrene	1.607	1.626	0.500	1.1576	30.0
Benzo (a) anthracene	1.310	0.968	0.400	-26.0841	30.0
Chrysene	1.571	1.881	0.400	19.6976	30.0
Benzo (b) fluoranthene	1.246	1.099	0.200	-11.8232	30.0
Benzo (k) fluoranthene	1.462	1.664	0.200	13.837	30.0
Benzo (a) pyrene	1.217	1.227	0.200	0.8907	30.0
Indeno (1,2,3-cd) pyrene	1.699	1.582	0.200	-6.902	30.0
Dibenzo (a,h) anthracene	1.322	1.143	0.200	-13.5725	30.0
Benzo (g,h,i) perylene	1.426	1.473	0.200	3.249	30.0
Fluoranthene-d10	1.123	1.098	0.400	-2.2539	30.0
2-Methylnaphthalene-d10	0.517	0.477	0.300	-7.8209	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.: BM111824 SAS No.: BM111824 SDG No.: BM111824

Instrument ID: BNA_M Calibration Date/Time: 11/19/2024 : 04:42

Lab File ID: BM048797.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4091 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	0.714	0.010	28.6718	50.0
1,4-Dioxane-d8	0.483	0.573	0.010	18.701	50.0
Naphthalene	1.002	1.044	0.600	4.2022	50.0
1-Methylnaphthalene	0.646	0.714	0.300	10.5449	50.0
2-Methylnaphthalene	0.630	0.551	0.300	-12.5933	50.0
Acenaphthylene	1.519	1.568	0.900	3.2129	50.0
Acenaphthene	1.215	1.294	0.500	6.543	50.0
Fluorene	1.320	1.333	0.700	1.0014	50.0
Pentachlorophenol	0.147	0.090	0.010	-39.0328	50.0
Phenanthrene	1.051	0.950	0.300	-9.5378	50.0
Anthracene	0.978	0.833	0.400	-14.7927	50.0
Fluoranthene	1.481	1.543	0.400	4.1918	50.0
Pyrene	1.607	1.685	0.500	4.8363	50.0
Benzo (a) anthracene	1.310	1.029	0.400	-21.4256	50.0
Chrysene	1.571	1.872	0.400	19.1658	50.0
Benzo (b) fluoranthene	1.246	1.177	0.200	-5.5426	50.0
Benzo (k) fluoranthene	1.462	1.564	0.200	7.0038	50.0
Benzo (a) pyrene	1.217	1.232	0.200	1.2397	50.0
Indeno (1,2,3-cd) pyrene	1.699	1.614	0.200	-4.9988	50.0
Dibenzo (a,h) anthracene	1.322	1.175	0.200	-11.1592	50.0
Benzo (g,h,i) perylene	1.426	1.457	0.200	2.153	50.0
Fluoranthene-d10	1.123	1.153	0.400	2.6423	50.0
2-Methylnaphthalene-d10	0.517	0.493	0.300	-4.7561	50.0

All other compounds must meet a minimum RRF of 0.010.

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:	SBLK021	SDG No.:	BM111824
Lab Sample ID:	PB165021BL	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
BM048770.D	1	11/15/2024 12:00:00 AM	11/18/2024 12:00:00 AM	PB165021

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	5.514		15-120		69	SPK: -8
93951-69-0	Fluoranthene-d10	0.371		30-130		93	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.301		30-130		75	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3874	7.629				
1146-65-2	Naphthalene-d8	11481	10.41				
15067-26-2	Acenaphthene-d10	5638	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:	SBLK021	SDG No.:	BM111824
Lab Sample ID:	PB165021BL	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
BM048770.D	1	11/15/2024 12:00:00 AM	11/18/2024 12:00:00 AM	PB165021

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10495	17.024				
1719-03-5	Chrysene-d12	7578	21.243				
1520-96-3	Perylene-d12	5493	23.426				
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:	SBLK025	SDG No.:	BM111824
Lab Sample ID:	PB165025BL	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
BM048771.D	1	11/15/2024 12:00:00 AM	11/18/2024 12:00:00 AM	PB165025

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	5.836		15-120		73	SPK: -8
93951-69-0	Fluoranthene-d10	0.363		30-130		91	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.331		30-130		83	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4176	7.629				
1146-65-2	Naphthalene-d8	12338	10.404				
15067-26-2	Acenaphthene-d10	6156	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:	SBLK025	SDG No.:	BM111824
Lab Sample ID:	PB165025BL	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
BM048771.D	1	11/15/2024 12:00:00 AM	11/18/2024 12:00:00 AM	PB165025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11565	17.024				
1719-03-5	Chrysene-d12	8100	21.243				
1520-96-3	Perylene-d12	5304	23.429				
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:	E29S4	SDG No.:	BM111824
Lab Sample ID:	P4829-02	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
BM048772.D	1	11/15/2024 12:00:00 AM	11/18/2024 12:00:00 AM	PB165021

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.03	U	0.03	0	0.2	ug/L
91-20-3	Naphthalene	0	U	0	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.02	U	0.02	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.01	U	0.01	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.01	U	0.01	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.01	U	0.01	0.05	0.1	ug/L
86-73-7	Fluorene	0.01	U	0.01	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.06	U	0.06	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.01	U	0.01	0.05	0.1	ug/L
120-12-7	Anthracene	0.01	U	0.01	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
129-00-0	Pyrene	0.01	U	0.01	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0	U	0	0.05	0.1	ug/L
218-01-9	Chrysene	0.01	U	0.01	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.02	U	0.02	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.02	U	0.02	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.01	U	0.01	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.02	U	0.02	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.479		15-120		56	SPK: -8
93951-69-0	Fluoranthene-d10	0.408		30-130		102	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.263		30-130		66	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3259		7.629			
1146-65-2	Naphthalene-d8	9706		10.404			
15067-26-2	Acenaphthene-d10	4926		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:	E29S4	SDG No.:	BM111824
Lab Sample ID:	P4829-02	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	
Injection Volume :		Level :	LOW
		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048772.D	1	11/15/2024 12:00:00 AM	11/18/2024 12:00:00 AM	PB165021

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	9998	17.024				
1719-03-5	Chrysene-d12	7584	21.24				
1520-96-3	Perylene-d12	5965	23.424				
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:	E29S4MS	SDG No.:	BM111824
Lab Sample ID:	P4829-03MS	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
BM048773.D	1	11/15/2024 12:00:00 AM	11/18/2024 12:00:00 AM	PB165021

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.75		0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.32		0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.34		0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.29		0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.36		0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.36		0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.37		0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.66		0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.38		0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.36		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.41		0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.41		0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.31		0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.46		0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.4		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	0.41		0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.41		0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.39		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	0.268		15-120		34	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.416		30-130		104	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.319		30-130		80	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2741	7.734				
1146-65-2	Naphthalene-d8	7713	10.476				
15067-26-2	Acenaphthene-d10	4852	14.295				

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:	E29S4MS	SDG No.:	BM111824
Lab Sample ID:	P4829-03MS	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
BM048773.D	1	11/15/2024 12:00:00 AM	11/18/2024 12:00:00 AM	PB165021

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	8681	17.054				
1719-03-5	Chrysene-d12	7962	21.234				
1520-96-3	Perylene-d12	8831	23.441				
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:	E29S4MSD	SDG No.:	BM111824
Lab Sample ID:	P4829-04MSD	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
BM048774.D	1	11/15/2024 12:00:00 AM	11/18/2024 12:00:00 AM	PB165021

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.86		0.03	0	0.2	ug/L
91-20-3	Naphthalene	0.34		0	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.35		0.02	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.3		0.01	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.37		0.01	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.37		0.01	0.05	0.1	ug/L
86-73-7	Fluorene	0.39		0.01	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.69		0.06	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.4		0.01	0.05	0.1	ug/L
120-12-7	Anthracene	0.37		0.01	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.43		0.01	0.05	0.1	ug/L
129-00-0	Pyrene	0.43		0.01	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.33		0	0.05	0.1	ug/L
218-01-9	Chrysene	0.48		0.01	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.4		0.01	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.47		0.01	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.42		0.02	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.42		0.02	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.4		0.01	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.44		0.02	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.296		15-120		37	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.424		30-130		106	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.317		30-130		79	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2506		7.755			
1146-65-2	Naphthalene-d8	7740		10.476			
15067-26-2	Acenaphthene-d10	4806		14.295			

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:	E29S4MSD	SDG No.:	BM111824
Lab Sample ID:	P4829-04MSD	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048774.D	1	11/15/2024 12:00:00 AM	11/18/2024 12:00:00 AM	PB165021

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	8650	17.058				
1719-03-5	Chrysene-d12	7942	21.234				
1520-96-3	Perylene-d12	8929	23.438				
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:	E29T4	SDG No.:	BM111824
Lab Sample ID:	P4829-06	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
BM048775.D	1	11/15/2024 12:00:00 AM	11/18/2024 12:00:00 AM	PB165025

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	4.148		15-120		52	SPK: -8
93951-69-0	Fluoranthene-d10	0.401		30-130		100	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.239		30-130		60	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3193		7.629			
1146-65-2	Naphthalene-d8	9414		10.41			
15067-26-2	Acenaphthene-d10	4739		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:	E29T4	SDG No.:	BM111824
Lab Sample ID:	P4829-06	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048775.D	1	11/15/2024 12:00:00 AM	11/18/2024 12:00:00 AM	PB165025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	9257	17.024				
1719-03-5	Chrysene-d12	7410	21.24				
1520-96-3	Perylene-d12	5556	23.423				
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:	E29W0	SDG No.:	BM111824
Lab Sample ID:	P4829-08	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
BM048776.D	1	11/15/2024 12:00:00 AM	11/18/2024 12:00:00 AM	PB165025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.03	U	0.03	0	0.2	ug/L
91-20-3	Naphthalene	0	U	0	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.02	U	0.02	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.01	U	0.01	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.01	U	0.01	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.01	U	0.01	0.05	0.1	ug/L
86-73-7	Fluorene	0.01	U	0.01	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.06	U	0.06	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.01	U	0.01	0.05	0.1	ug/L
120-12-7	Anthracene	0.01	U	0.01	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
129-00-0	Pyrene	0.01	U	0.01	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0	U	0	0.05	0.1	ug/L
218-01-9	Chrysene	0.01	U	0.01	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.02	U	0.02	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.02	U	0.02	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.01	U	0.01	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.02	U	0.02	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.961		15-120		50	SPK: -8
93951-69-0	Fluoranthene-d10	0.419		30-130		105	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.275		30-130		69	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3121		7.629			
1146-65-2	Naphthalene-d8	9136		10.404			
15067-26-2	Acenaphthene-d10	4807		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:	E29W0	SDG No.:	BM111824
Lab Sample ID:	P4829-08	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048776.D	1	11/15/2024 12:00:00 AM	11/18/2024 12:00:00 AM	PB165025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	9736	17.024				
1719-03-5	Chrysene-d12	7572	21.24				
1520-96-3	Perylene-d12	5172	23.429				
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:	E29W1	SDG No.:	BM111824
Lab Sample ID:	P4829-09	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
BM048777.D	1	11/15/2024 12:00:00 AM	11/18/2024 12:00:00 AM	PB165025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.03	U	0.03	0	0.2	ug/L
91-20-3	Naphthalene	0	U	0	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.02	U	0.02	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.01	U	0.01	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.01	U	0.01	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.01	U	0.01	0.05	0.1	ug/L
86-73-7	Fluorene	0.01	U	0.01	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.06	U	0.06	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.01	U	0.01	0.05	0.1	ug/L
120-12-7	Anthracene	0.01	U	0.01	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
129-00-0	Pyrene	0.01	U	0.01	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0	U	0	0.05	0.1	ug/L
218-01-9	Chrysene	0.01	U	0.01	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.02	U	0.02	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.02	U	0.02	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.01	U	0.01	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.02	U	0.02	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.184		15-120		52	SPK: -8
93951-69-0	Fluoranthene-d10	0.406		30-130		101	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.282		30-130		70	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3084	7.629				
1146-65-2	Naphthalene-d8	8948	10.404				
15067-26-2	Acenaphthene-d10	4782	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:	E29W1	SDG No.:	BM111824
Lab Sample ID:	P4829-09	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
BM048777.D	1	11/15/2024 12:00:00 AM	11/18/2024 12:00:00 AM	PB165025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	9669	17.024				
1719-03-5	Chrysene-d12	7703	21.24				
1520-96-3	Perylene-d12	5138	23.429				
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:	E29W4	SDG No.:	BM111824
Lab Sample ID:	P4829-10	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
BM048778.D	1	11/15/2024 12:00:00 AM	11/18/2024 12:00:00 AM	PB165025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.921		15-120		49	SPK: -8
93951-69-0	Fluoranthene-d10	0.393		30-130		98	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	3026		7.629			
1146-65-2	Naphthalene-d8	8951		10.404			
15067-26-2	Acenaphthene-d10	4875		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:	E29W4	SDG No.:	BM111824
Lab Sample ID:	P4829-10	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
BM048778.D	1	11/15/2024 12:00:00 AM	11/18/2024 12:00:00 AM	PB165025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	9959	17.024				
1719-03-5	Chrysene-d12	7915	21.243				
1520-96-3	Perylene-d12	5013	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:	E29W5	SDG No.:	BM111824
Lab Sample ID:	P4829-11	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 :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048779.D	1	11/15/2024 12:00:00 AM	11/18/2024 12:00:00 AM	PB165025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.03	U	0.03	0	0.2	ug/L
91-20-3	Naphthalene	0	U	0	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.02	U	0.02	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.01	U	0.01	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.01	U	0.01	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.01	U	0.01	0.05	0.1	ug/L
86-73-7	Fluorene	0.01	U	0.01	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.06	U	0.06	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.01	U	0.01	0.05	0.1	ug/L
120-12-7	Anthracene	0.01	U	0.01	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
129-00-0	Pyrene	0.01	U	0.01	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0	U	0	0.05	0.1	ug/L
218-01-9	Chrysene	0.01	U	0.01	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.02	U	0.02	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.02	U	0.02	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.01	U	0.01	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.02	U	0.02	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.773		15-120		60	SPK: -8
93951-69-0	Fluoranthene-d10	0.457		30-130		114	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.315		30-130		79	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2928		7.629			
1146-65-2	Naphthalene-d8	8675		10.404			
15067-26-2	Acenaphthene-d10	4711		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:	E29W5	SDG No.:	BM111824
Lab Sample ID:	P4829-11	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
BM048779.D	1	11/15/2024 12:00:00 AM	11/18/2024 12:00:00 AM	PB165025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	9655	17.024				
1719-03-5	Chrysene-d12	7531	21.24				
1520-96-3	Perylene-d12	5353	23.424				
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:	E29T0	SDG No.:	BM111824
Lab Sample ID:	P4829-18	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
BM048780.D	1	11/16/2024 12:00:00 AM	11/18/2024 12:00:00 AM	PB165036

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	4.915		15-120		61	SPK: -8
93951-69-0	Fluoranthene-d10	0.455		30-130		114	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.328		30-130		82	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2755		7.629			
1146-65-2	Naphthalene-d8	8342		10.41			
15067-26-2	Acenaphthene-d10	4428		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:	E29T0	SDG No.:	BM111824
Lab Sample ID:	P4829-18	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048780.D	1	11/16/2024 12:00:00 AM	11/18/2024 12:00:00 AM	PB165036

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	9166	17.024				
1719-03-5	Chrysene-d12	7064	21.243				
1520-96-3	Perylene-d12	4861	23.426				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/13/2024 12:00:00 AM
Project:		Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	E29W2	SDG No.:	BM111824
Lab Sample ID:	P4829-21	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048781.D	1	11/16/2024 12:00:00 AM	11/18/2024 12:00:00 AM	PB165036

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	4.917		15-120		61	SPK: -8
93951-69-0	Fluoranthene-d10	0.437		30-130		109	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.292		30-130		73	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2640	7.629				
1146-65-2	Naphthalene-d8	7752	10.404				
15067-26-2	Acenaphthene-d10	4148	14.277				

Report of Analysis

Client:		Date Collected:	11/13/2024 12:00:00 AM
Project:		Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	E29W2	SDG No.:	BM111824
Lab Sample ID:	P4829-21	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048781.D	1	11/16/2024 12:00:00 AM	11/18/2024 12:00:00 AM	PB165036

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	8405	17.024				
1719-03-5	Chrysene-d12	6725	21.244				
1520-96-3	Perylene-d12	4534	23.427				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/13/2024 12:00:00 AM
Project:		Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	E29W6	SDG No.:	BM111824
Lab Sample ID:	P4829-22	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
BM048782.D	1	11/16/2024 12:00:00 AM	11/18/2024 12:00:00 AM	PB165036

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.03	U	0.03	0	0.2	ug/L
91-20-3	Naphthalene	0	U	0	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.02	U	0.02	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.01	U	0.01	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.01	U	0.01	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.01	U	0.01	0.05	0.1	ug/L
86-73-7	Fluorene	0.01	U	0.01	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.06	U	0.06	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.01	U	0.01	0.05	0.1	ug/L
120-12-7	Anthracene	0.01	U	0.01	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
129-00-0	Pyrene	0.01	U	0.01	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0	U	0	0.05	0.1	ug/L
218-01-9	Chrysene	0.01	U	0.01	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.02	U	0.02	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.02	U	0.02	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.01	U	0.01	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.02	U	0.02	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.94		15-120		62	SPK: -8
93951-69-0	Fluoranthene-d10	0.424		30-130		106	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.304		30-130		76	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2744		7.629			
1146-65-2	Naphthalene-d8	8063		10.404			
15067-26-2	Acenaphthene-d10	4488		14.277			

Report of Analysis

Client:		Date Collected:	11/13/2024 12:00:00 AM
Project:		Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	E29W6	SDG No.:	BM111824
Lab Sample ID:	P4829-22	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048782.D	1	11/16/2024 12:00:00 AM	11/18/2024 12:00:00 AM	PB165036

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	9247	17.024				
1719-03-5	Chrysene-d12	7333	21.243				
1520-96-3	Perylene-d12	4697	23.426				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	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:	SLCS021	SDG No.:	BM111824
Lab Sample ID:	PB165021BS	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
BM048783.D	1	11/15/2024 12:00:00 AM	11/18/2024 12:00:00 AM	PB165021

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	0.35		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	0.28		0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.35		0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.37		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	0.48		0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.31		0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.29		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.36		0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.37		0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.26		0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.44		0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.33		0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.41		0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.38		0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.35		0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.32		0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.38		0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.866		15-120		108	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.385		30-130		96	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	2194	7.81				
1146-65-2	Naphthalene-d8	7062	10.509				
15067-26-2	Acenaphthene-d10	4367	14.309				

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:	SLCS021	SDG No.:	BM111824
Lab Sample ID:	PB165021BS	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
BM048783.D	1	11/15/2024 12:00:00 AM	11/18/2024 12:00:00 AM	PB165021

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	8370	17.083				
1719-03-5	Chrysene-d12	7233	21.252				
1520-96-3	Perylene-d12	8186	23.453				
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:	SLCS025	SDG No.:	BM111824
Lab Sample ID:	PB165025BS	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
BM048784.D	1	11/15/2024 12:00:00 AM	11/18/2024 12:00:00 AM	PB165025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	2		0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.35		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	0.29		0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.34		0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.36		0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.34		0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.48		0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.31		0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.28		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.35		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	0.26		0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.43		0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.31		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	0.36		0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.34		0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.31		0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.37		0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.806		15-120		101	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.376		30-130		94	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.347		30-130		87	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2370	7.81				
1146-65-2	Naphthalene-d8	7025	10.503				
15067-26-2	Acenaphthene-d10	4415	14.309				

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:	SLCS025	SDG No.:	BM111824
Lab Sample ID:	PB165025BS	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
BM048784.D	1	11/15/2024 12:00:00 AM	11/18/2024 12:00:00 AM	PB165025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	8569	17.079				
1719-03-5	Chrysene-d12	7579	21.249				
1520-96-3	Perylene-d12	8805	23.456				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/16/2024 12:00:00 AM
Project:		Date Received:	11/16/2024 12:00:00 AM
Client Sample ID:	SBLK036	SDG No.:	BM111824
Lab Sample ID:	PB165036BL	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
BM048786.D	1	11/16/2024 12:00:00 AM	11/18/2024 12:00:00 AM	PB165036

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	200	E	0.029	0	0.2	ug/L
91-20-3	Naphthalene	3.5	E	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	1		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	0.17		0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.08	J	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.1		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	0.21		0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	2.1	E	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.24		0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.29		0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	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	11794	*	15-120		147425	SPK: -8
93951-69-0	Fluoranthene-d10	19.027	*	30-130		4757	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	87.587	*	30-130		21897	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2		7.747			
1146-65-2	Naphthalene-d8	42		10.531			
15067-26-2	Acenaphthene-d10	246		14.277			

Report of Analysis

Client:		Date Collected:	11/16/2024 12:00:00 AM
Project:		Date Received:	11/16/2024 12:00:00 AM
Client Sample ID:	SBLK036	SDG No.:	BM111824
Lab Sample ID:	PB165036BL	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
BM048786.D	1	11/16/2024 12:00:00 AM	11/18/2024 12:00:00 AM	PB165036

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	770450	17.121				
1719-03-5	Chrysene-d12	153	21.255				
1520-96-3	Perylene-d12	0	0				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/16/2024 12:00:00 AM
Project:		Date Received:	11/16/2024 12:00:00 AM
Client Sample ID:	SBLK031	SDG No.:	BM111824
Lab Sample ID:	PB165031BL	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
BM048787.D	1	11/16/2024 12:00:00 AM	11/18/2024 12:00:00 AM	PB165031

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	6.385		15-120		80	SPK: -8
93951-69-0	Fluoranthene-d10	0.362		30-130		90	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.313		30-130		78	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2910	7.629				
1146-65-2	Naphthalene-d8	8734	10.404				
15067-26-2	Acenaphthene-d10	4407	14.276				

Report of Analysis

Client:		Date Collected:	11/16/2024 12:00:00 AM
Project:		Date Received:	11/16/2024 12:00:00 AM
Client Sample ID:	SBLK031	SDG No.:	BM111824
Lab Sample ID:	PB165031BL	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
BM048787.D	1	11/16/2024 12:00:00 AM	11/18/2024 12:00:00 AM	PB165031

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	8999	17.024				
1719-03-5	Chrysene-d12	7398	21.246				
1520-96-3	Perylene-d12	4378	23.426				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/13/2024 12:00:00 AM
Project:		Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	E29R6	SDG No.:	BM111824
Lab Sample ID:	P4829-13	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
BM048788.D	1	11/16/2024 12:00:00 AM	11/18/2024 12:00:00 AM	PB165031

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.03	U	0.03	0	0.2	ug/L
91-20-3	Naphthalene	0	U	0	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.02	U	0.02	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.01	U	0.01	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.01	U	0.01	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.01	U	0.01	0.05	0.1	ug/L
86-73-7	Fluorene	0.01	U	0.01	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.06	U	0.06	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.01	U	0.01	0.05	0.1	ug/L
120-12-7	Anthracene	0.01	U	0.01	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
129-00-0	Pyrene	0.01	U	0.01	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0	U	0	0.05	0.1	ug/L
218-01-9	Chrysene	0.01	U	0.01	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.02	U	0.02	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.02	U	0.02	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.01	U	0.01	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.02	U	0.02	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.637		15-120		58	SPK: -8
93951-69-0	Fluoranthene-d10	0.395		30-130		99	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.288		30-130		72	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3101		7.629			
1146-65-2	Naphthalene-d8	8878		10.41			
15067-26-2	Acenaphthene-d10	4552		14.276			

Report of Analysis

Client:		Date Collected:	11/13/2024 12:00:00 AM
Project:		Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	E29R6	SDG No.:	BM111824
Lab Sample ID:	P4829-13	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
BM048788.D	1	11/16/2024 12:00:00 AM	11/18/2024 12:00:00 AM	PB165031

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	9300	17.024				
1719-03-5	Chrysene-d12	7522	21.246				
1520-96-3	Perylene-d12	5088	23.423				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/13/2024 12:00:00 AM
Project:		Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	E29S0	SDG No.:	BM111824
Lab Sample ID:	P4829-14	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
BM048789.D	1	11/16/2024 12:00:00 AM	11/18/2024 12:00:00 AM	PB165031

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	0.04	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	0.017	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	4.633		15-120		58	SPK: -8
93951-69-0	Fluoranthene-d10	0.373		30-130		93	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.249		30-130		62	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3603		7.629			
1146-65-2	Naphthalene-d8	10876		10.404			
15067-26-2	Acenaphthene-d10	5622		14.276			

Report of Analysis

Client:		Date Collected:	11/13/2024 12:00:00 AM
Project:		Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	E29S0	SDG No.:	BM111824
Lab Sample ID:	P4829-14	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
BM048789.D	1	11/16/2024 12:00:00 AM	11/18/2024 12:00:00 AM	PB165031

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11453	17.024				
1719-03-5	Chrysene-d12	8602	21.246				
1520-96-3	Perylene-d12	5656	23.429				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/13/2024 12:00:00 AM
Project:		Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	E29S2	SDG No.:	BM111824
Lab Sample ID:	P4829-15	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
BM048790.D	1	11/16/2024 12:00:00 AM	11/18/2024 12:00:00 AM	PB165031

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	4.739		15-120		59	SPK: -8
93951-69-0	Fluoranthene-d10	0.364		30-130		91	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.24		30-130		60	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3387		7.629			
1146-65-2	Naphthalene-d8	10375		10.404			
15067-26-2	Acenaphthene-d10	5475		14.276			

Report of Analysis

Client:		Date Collected:	11/13/2024 12:00:00 AM
Project:		Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	E29S2	SDG No.:	BM111824
Lab Sample ID:	P4829-15	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048790.D	1	11/16/2024 12:00:00 AM	11/18/2024 12:00:00 AM	PB165031

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11396	17.024				
1719-03-5	Chrysene-d12	8658	21.246				
1520-96-3	Perylene-d12	5769	23.429				
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:	E29S6	SDG No.:	BM111824
Lab Sample ID:	P4829-16	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
BM048791.D	1	11/16/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165031

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.03	U	0.03	0	0.2	ug/L
91-20-3	Naphthalene	0.04	J	0	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.02	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	4.56		15-120		57	SPK: -8
93951-69-0	Fluoranthene-d10	0.372		30-130		93	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.267		30-130		67	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2938		7.629			
1146-65-2	Naphthalene-d8	8720		10.404			
15067-26-2	Acenaphthene-d10	4506		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:	E29S6	SDG No.:	BM111824
Lab Sample ID:	P4829-16	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
BM048791.D	1	11/16/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165031

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	9427	17.024				
1719-03-5	Chrysene-d12	8088	21.24				
1520-96-3	Perylene-d12	5997	23.426				
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:	E29S8	SDG No.:	BM111824
Lab Sample ID:	P4829-17	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
BM048792.D	1	11/16/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165031

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	4.422		15-120		55	SPK: -8
93951-69-0	Fluoranthene-d10	0.34		30-130		85	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.245		30-130		61	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3253		7.629			
1146-65-2	Naphthalene-d8	9828		10.404			
15067-26-2	Acenaphthene-d10	5170		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:	E29S8	SDG No.:	BM111824
Lab Sample ID:	P4829-17	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
BM048792.D	1	11/16/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165031

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10807	17.024				
1719-03-5	Chrysene-d12	8545	21.243				
1520-96-3	Perylene-d12	6142	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:	A0AP8DL	SDG No.:	BM111824
Lab Sample ID:	P4803-05DL	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
BM048793.D	5	11/14/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB164979

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.145	U	0.145	0	1	ug/L
91-20-3	Naphthalene	0.19	JD	0.0215	0.25	0.5	ug/L
90-12-0	1-Methylnaphthalene	2.2	D	0.075	0.25	0.5	ug/L
91-57-6	2-Methylnaphthalene	0.0265	U	0.0265	0.25	0.5	ug/L
208-96-8	Acenaphthylene	0.06	U	0.06	0.25	0.5	ug/L
83-32-9	Acenaphthene	0.9	D	0.037	0.25	0.5	ug/L
86-73-7	Fluorene	0.62	D	0.0335	0.25	0.5	ug/L
87-86-5	Pentachlorophenol	0.315	U	0.315	0.5	1	ug/L
85-01-8	Phenanthrene	0.67	D	0.034	0.25	0.5	ug/L
120-12-7	Anthracene	0.15	JD	0.04	0.25	0.5	ug/L
206-44-0	Fluoranthene	0.0395	U	0.0395	0.25	0.5	ug/L
129-00-0	Pyrene	0.03	U	0.03	0.25	0.5	ug/L
56-55-3	Benzo(a)anthracene	0.018	U	0.018	0.25	0.5	ug/L
218-01-9	Chrysene	0.0385	U	0.0385	0.25	0.5	ug/L
205-99-2	Benzo(b)fluoranthene	0.065	U	0.065	0.25	0.5	ug/L
207-08-9	Benzo(k)fluoranthene	0.049	U	0.049	0.25	0.5	ug/L
50-32-8	Benzo(a)pyrene	0.085	U	0.085	0.25	0.5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.085	U	0.085	0.25	0.5	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.07	U	0.07	0.25	0.5	ug/L
191-24-2	Benzo(g,h,i)perylene	0.11	U	0.11	0.25	0.5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.395		15-120		67	SPK: -8
93951-69-0	Fluoranthene-d10	0.435		30-130		109	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.325		30-130		81	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3164	7.637				
1146-65-2	Naphthalene-d8	9409	10.421				
15067-26-2	Acenaphthene-d10	5580	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:	A0AP8DL	SDG No.:	BM111824
Lab Sample ID:	P4803-05DL	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
BM048793.D	5	11/14/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB164979

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11223	17.024				
1719-03-5	Chrysene-d12	9046	21.229				
1520-96-3	Perylene-d12	8210	23.426				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.145	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:	A0AQ1DL	SDG No.:	BM111824
Lab Sample ID:	P4803-06DL	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	980	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
BM048794.D	2	11/14/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB164979

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.06	U	0.06	0	0.41	ug/L
91-20-3	Naphthalene	0.44	D	0.01	0.1	0.2	ug/L
90-12-0	1-Methylnaphthalene	0.47	D	0.03	0.1	0.2	ug/L
91-57-6	2-Methylnaphthalene	0.14	JD	0.01	0.1	0.2	ug/L
208-96-8	Acenaphthylene	0.12	JD	0.02	0.1	0.2	ug/L
83-32-9	Acenaphthene	1.6	D	0.02	0.1	0.2	ug/L
86-73-7	Fluorene	1.5	D	0.01	0.1	0.2	ug/L
87-86-5	Pentachlorophenol	0.13	U	0.13	0.2	0.41	ug/L
85-01-8	Phenanthrene	0.92	D	0.01	0.1	0.2	ug/L
120-12-7	Anthracene	0.5	D	0.02	0.1	0.2	ug/L
206-44-0	Fluoranthene	0.94	D	0.02	0.1	0.2	ug/L
129-00-0	Pyrene	0.69	D	0.01	0.1	0.2	ug/L
56-55-3	Benzo(a)anthracene	0.11	JD	0.01	0.1	0.2	ug/L
218-01-9	Chrysene	0.07	JD	0.02	0.1	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	U	0.03	0.1	0.2	ug/L
207-08-9	Benzo(k)fluoranthene	0.02	U	0.02	0.1	0.2	ug/L
50-32-8	Benzo(a)pyrene	0.03	U	0.03	0.1	0.2	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.03	U	0.03	0.1	0.2	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.03	U	0.03	0.1	0.2	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.1	0.2	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.156		15-120		64	SPK: -8
93951-69-0	Fluoranthene-d10	0.376		30-130		94	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.29		30-130		72	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3380		7.629			
1146-65-2	Naphthalene-d8	10260		10.41			
15067-26-2	Acenaphthene-d10	5614		14.272			

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:	A0AQ1DL	SDG No.:	BM111824
Lab Sample ID:	P4803-06DL	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048794.D	2	11/14/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB164979

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11981	17.02				
1719-03-5	Chrysene-d12	10097	21.22				
1520-96-3	Perylene-d12	9448	23.418				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.06	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/16/2024 12:00:00 AM
Project:		Date Received:	11/16/2024 12:00:00 AM
Client Sample ID:	SLCS031	SDG No.:	BM111824
Lab Sample ID:	PB165031BS	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
BM048795.D	1	11/16/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165031

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	2		0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.38		0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.4		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	0.37		0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.52		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	0.31		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.38		0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.38		0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.3		0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.42		0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.35		0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.41		0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.38		0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.36		0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.35		0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.38		0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.806		15-120		101	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.407		30-130		102	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.381		30-130		95	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2810	7.755				
1146-65-2	Naphthalene-d8	8642	10.481				
15067-26-2	Acenaphthene-d10	5500	14.3				

Report of Analysis

Client:		Date Collected:	11/16/2024 12:00:00 AM
Project:		Date Received:	11/16/2024 12:00:00 AM
Client Sample ID:	SLCS031	SDG No.:	BM111824
Lab Sample ID:	PB165031BS	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
BM048795.D	1	11/16/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165031

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10949	17.066				
1719-03-5	Chrysene-d12	9208	21.243				
1520-96-3	Perylene-d12	10500	23.447				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/16/2024 12:00:00 AM
Project:		Date Received:	11/16/2024 12:00:00 AM
Client Sample ID:	SLCS036	SDG No.:	BM111824
Lab Sample ID:	PB165036BS	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
BM048796.D	1	11/16/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165036

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	2.2		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	0.42		0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.34		0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.4		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	0.38		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	0.32		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.4		0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.4		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	0.45		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	0.45		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	0.39		0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.36		0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.41		0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.916		15-120		114	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.42		30-130		105	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.389		30-130		97	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2578	7.755				
1146-65-2	Naphthalene-d8	7736	10.487				
15067-26-2	Acenaphthene-d10	4795	14.3				

Report of Analysis

Client:		Date Collected:	11/16/2024 12:00:00 AM
Project:		Date Received:	11/16/2024 12:00:00 AM
Client Sample ID:	SLCS036	SDG No.:	BM111824
Lab Sample ID:	PB165036BS	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
BM048796.D	1	11/16/2024 12:00:00 AM	11/19/2024 12:00:00 AM	PB165036

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	9225	17.075				
1719-03-5	Chrysene-d12	7920	21.246				
1520-96-3	Perylene-d12	9140	23.453				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Hit Summary Sheet SW-846

SDG No.: BM111824

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : A0AP8DL								
P4803-05DL	A0AP8DL	Water	Total Alkanes	*	0.000	D 0.145	1	ug/L
			Total Tics :			0.00		
P4803-05DL	A0AP8DL	Water	1-Methylnaphthalene		2.200	D 0.075	0.5	ug/L
P4803-05DL	A0AP8DL	Water	Acenaphthene		0.900	D 0.037	0.5	ug/L
P4803-05DL	A0AP8DL	Water	Anthracene		0.150	JD 0.04	0.5	ug/L
P4803-05DL	A0AP8DL	Water	Fluorene		0.620	D 0.0335	0.5	ug/L
P4803-05DL	A0AP8DL	Water	Naphthalene		0.190	JD 0.0215	0.5	ug/L
P4803-05DL	A0AP8DL	Water	Phenanthrene		0.670	D 0.034	0.5	ug/L
			Total Svoc :			4.73		
			Total Concentration:			4.73		
Client ID : A0AQ1DL								
P4803-06DL	A0AQ1DL	Water	Total Alkanes	*	0.000	D 0.06	0.41	ug/L
			Total Tics :			0.00		
P4803-06DL	A0AQ1DL	Water	1-Methylnaphthalene		0.470	D 0.03	0.2	ug/L
P4803-06DL	A0AQ1DL	Water	2-Methylnaphthalene		0.140	JD 0.01	0.2	ug/L
P4803-06DL	A0AQ1DL	Water	Acenaphthene		1.600	D 0.02	0.2	ug/L
P4803-06DL	A0AQ1DL	Water	Acenaphthylene		0.120	JD 0.02	0.2	ug/L
P4803-06DL	A0AQ1DL	Water	Anthracene		0.500	D 0.02	0.2	ug/L
P4803-06DL	A0AQ1DL	Water	Benzo(a)anthracene		0.110	JD 0.01	0.2	ug/L
P4803-06DL	A0AQ1DL	Water	Chrysene		0.070	JD 0.02	0.2	ug/L
P4803-06DL	A0AQ1DL	Water	Fluoranthene		0.940	D 0.02	0.2	ug/L
P4803-06DL	A0AQ1DL	Water	Fluorene		1.500	D 0.01	0.2	ug/L
P4803-06DL	A0AQ1DL	Water	Naphthalene		0.440	D 0.01	0.2	ug/L
P4803-06DL	A0AQ1DL	Water	Phenanthrene		0.920	D 0.01	0.2	ug/L
P4803-06DL	A0AQ1DL	Water	Pyrene		0.690	D 0.01	0.2	ug/L
			Total Svoc :			7.50		
			Total Concentration:			7.50		
Client ID : E29S4								
P4829-02	E29S4	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID : E29T4								
P4829-06	E29T4	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID : E29W0								



Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P4829-08	E29W0	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	E29W1							
P4829-09	E29W1	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	E29W4							
P4829-10	E29W4	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	E29W5							
P4829-11	E29W5	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	E29R6							
P4829-13	E29R6	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	E29S0							
P4829-14	E29S0	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
P4829-14	E29S0	Water	Benzo(b)fluoranthene		0.040	J 0.013	0.1	ug/L
P4829-14	E29S0	Water	Benzo(k)fluoranthene		0.030	J 0.0098	0.1	ug/L
			Total Svoc :			0.07		
			Total Concentration:			0.07		
Client ID :	E29S2							
P4829-15	E29S2	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	E29S6							
P4829-16	E29S6	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
			Total Tics :			0.00		
P4829-16	E29S6	Water	Naphthalene		0.040	J 0	0.1	ug/L
			Total Svoc :			0.04		
			Total Concentration:			0.04		
Client ID :	E29S8							

Hit Summary Sheet
SW-846

SDG No.: BM111824

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P4829-17	E29S8	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
Total Tics :						0.00		
Total Concentration:						0.00		
Client ID : E29T0								
P4829-18	E29T0	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
Total Tics :						0.00		
Total Concentration:						0.00		
Client ID : E29W2								
P4829-21	E29W2	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
Total Tics :						0.00		
Total Concentration:						0.00		
Client ID : E29W6								
P4829-22	E29W6	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
Total Tics :						0.00		
Total Concentration:						0.00		



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: 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.: BM111824 SAS No.: BM111824 SDG NO.: BM111824

EPA Sample No.: SSTD0.4036 Date Analyzed: Nov 18 2024 12:00AM

Lab File ID: BM048473.D Time Analyzed: 11:08

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	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	SBLK021	3874	7.63	11481	10.41	5638	14.28
02	SBLK025	4176	7.63	12338	10.40	6156	14.28
03	E29S4	3259	7.63	9706	10.40	4926	14.28
04	E29S4MS	2741	7.73	7713	10.48	4852	14.30
05	E29S4MSD	2506	7.76	7740	10.48	4806	14.30
06	E29T4	3193	7.63	9414	10.41	4739	14.28
07	E29W0	3121	7.63	9136	10.40	4807	14.28
08	E29W1	3084	7.63	8948	10.40	4782	14.28
09	E29W4	3026	7.63	8951	10.40	4875	14.28
10	E29W5	2928	7.63	8675	10.40	4711	14.28
11	E29T0	2755	7.63	8342	10.41	4428	14.28
12	E29W2	2640	7.63	7752	10.40	4148	14.28
13	E29W6	2744	7.63	8063	10.40	4488	14.28
14	SLCS021	2194	7.81	7062	10.51	4367	14.31
15	SLCS025	2370	7.81	7025	10.50	4415	14.31
16	SBLK036	2 *	7.75	42 *	10.53	246 *	14.28
17	SBLK031	2910	7.63	8734	10.40	4407	14.28
18	E29R6	3101	7.63	8878	10.41	4552	14.28
19	E29S0	3603	7.63	10876	10.40	5622	14.28
20	E29S2	3387	7.63	10375	10.40	5475	14.28
21	E29S6	2938	7.63	8720	10.40	4506	14.28
22	E29S8	3253	7.63	9828	10.40	5170	14.28
23	A0AP8DL	3164	7.64	9409	10.42	5580	14.28

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM111824 SAS No.: BM111824 SDG NO.: BM111824

EPA Sample No.: SSTD0.4036 Date Analyzed: Nov 19 2024 12:00AM

Lab File ID: BM048473.D Time Analyzed: 02:18

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 A0AQ1DL	3380	7.63	10260	10.41	5614	14.27
25 SLCS031	2810	7.76	8642	10.48	5500	14.30
26 SLCS036	2578	7.76	7736	10.49	4795	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.: BM111824 SAS No.: BM111824 SDG NO.: BM111824

EPA Sample No.: SSTD0.4089 Date Analyzed: Nov 18 2024 12:00AM

Lab File ID: BM048769.D Time Analyzed: 11:08

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	2832	7.751	7643	10.49	4566	14.30
	UPPER LIMIT	5664	8.251	15286	10.987	9132	14.8
	LOWER LIMIT	1416	7.251	3821.5	9.987	2283	13.8
	EPA SAMPLE NO.						
01	SBLK021	3874	7.63	11481	10.41	5638	14.28
02	SBLK025	4176	7.63	12338	10.40	6156	14.28
03	E29S4	3259	7.63	9706	10.40	4926	14.28
04	E29S4MS	2741	7.73	7713	10.48	4852	14.30
05	E29S4MSD	2506	7.76	7740	10.48	4806	14.30
06	E29T4	3193	7.63	9414	10.41	4739	14.28
07	E29W0	3121	7.63	9136	10.40	4807	14.28
08	E29W1	3084	7.63	8948	10.40	4782	14.28
09	E29W4	3026	7.63	8951	10.40	4875	14.28
10	E29W5	2928	7.63	8675	10.40	4711	14.28
11	E29T0	2755	7.63	8342	10.41	4428	14.28
12	E29W2	2640	7.63	7752	10.40	4148	14.28
13	E29W6	2744	7.63	8063	10.40	4488	14.28
14	SLCS021	2194	7.81	7062	10.51	4367	14.31
15	SLCS025	2370	7.81	7025	10.50	4415	14.31

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.: BM111824 SAS No.: BM111824 SDG NO.: BM111824

EPA Sample No.: SSTD0.4090 Date Analyzed: Nov 18 2024 12:00AM

Lab File ID: BM048785.D Time Analyzed: 21:28

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	2614	7.801	6545	10.51	3980	14.31
	UPPER LIMIT	5228	8.301	13090	11.009	7960	14.809
	LOWER LIMIT	1307	7.301	3272.5	10.009	1990	13.809
	EPA SAMPLE NO.						
01	SBLK036	2 *	7.75	42 *	10.53	246 *	14.28
02	SBLK031	2910	7.63	8734	10.40	4407	14.28
03	E29R6	3101	7.63	8878	10.41	4552	14.28
04	E29S0	3603	7.63	10876	10.40	5622	14.28
05	E29S2	3387	7.63	10375	10.40	5475	14.28
06	E29S6	2938	7.63	8720	10.40	4506	14.28
07	E29S8	3253	7.63	9828	10.40	5170	14.28
08	A0AP8DL	3164	7.64	9409	10.42	5580	14.28
09	A0AQ1DL	3380	7.63	10260	10.41	5614	14.27
10	SLCS031	2810	7.76	8642	10.48	5500	14.30
11	SLCS036	2578	7.76	7736	10.49	4795	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.: BM111824 SAS No.: BM111824 SDG NO.: BM111824

EPA Sample No.: SSTD0.4036 Date Analyzed: Nov 18 2024 12:00AM

Lab File ID: BM048473.D Time Analyzed: 11:08

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.						
01	SBLK021	10495	17.02	7578	21.24	5493 *	23.43
02	SBLK025	11565	17.02	8100	21.24	5304 *	23.43
03	E29S4	9998	17.02	7584	21.24	5965	23.42
04	E29S4MS	8681	17.05	7962	21.23	8831	23.44
05	E29S4MSD	8650	17.06	7942	21.23	8929	23.44
06	E29T4	9257	17.02	7410	21.24	5556 *	23.42
07	E29W0	9736	17.02	7572	21.24	5172 *	23.43
08	E29W1	9669	17.02	7703	21.24	5138 *	23.43
09	E29W4	9959	17.02	7915	21.24	5013 *	23.42
10	E29W5	9655	17.02	7531	21.24	5353 *	23.42
11	E29T0	9166	17.02	7064	21.24	4861 *	23.43
12	E29W2	8405	17.02	6725	21.24	4534 *	23.43
13	E29W6	9247	17.02	7333	21.24	4697 *	23.43
14	SLCS021	8370	17.08	7233	21.25	8186	23.45
15	SLCS025	8569	17.08	7579	21.25	8805	23.46
16	SBLK036	770450 *	17.12	153 *	21.26	0 *	0.00
17	SBLK031	8999	17.02	7398	21.25	4378 *	23.43
18	E29R6	9300	17.02	7522	21.25	5088 *	23.42
19	E29S0	11453	17.02	8602	21.25	5656 *	23.43
20	E29S2	11396	17.02	8658	21.25	5769	23.43
21	E29S6	9427	17.02	8088	21.24	5997	23.43

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM111824 SAS No.: BM111824 SDG NO.: BM111824

EPA Sample No.: SSTD0.4036 Date Analyzed: Nov 19 2024 12:00AM

Lab File ID: BM048473.D Time Analyzed: 01:05

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 E29S8	10807	17.02	8545	21.24	6142	23.43
23 A0AP8DL	11223	17.02	9046	21.23	8210	23.43
24 A0AQ1DL	11981	17.02	10097	21.22	9448	23.42
25 SLCS031	10949	17.07	9208	21.24	10500	23.45
26 SLCS036	9225	17.08	7920	21.25	9140	23.45

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.: BM111824 SAS No.: BM111824 SDG NO.: BM111824

EPA Sample No.: SSTD0.4089 Date Analyzed: Nov 18 2024 12:00AM

Lab File ID: BM048769.D Time Analyzed: 11:08

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	8399	17.071	7296	21.243	8559	23.447
	UPPER LIMIT	16798	17.571	14592	21.743	17118	23.947
	LOWER LIMIT	4199.5	16.571	3648	20.743	4279.5	22.947
	EPA SAMPLE NO.						
01	SBLK021	10495	17.02	7578	21.24	5493	23.43
02	SBLK025	11565	17.02	8100	21.24	5304	23.43
03	E29S4	9998	17.02	7584	21.24	5965	23.42
04	E29S4MS	8681	17.05	7962	21.23	8831	23.44
05	E29S4MSD	8650	17.06	7942	21.23	8929	23.44
06	E29T4	9257	17.02	7410	21.24	5556	23.42
07	E29W0	9736	17.02	7572	21.24	5172	23.43
08	E29W1	9669	17.02	7703	21.24	5138	23.43
09	E29W4	9959	17.02	7915	21.24	5013	23.42
10	E29W5	9655	17.02	7531	21.24	5353	23.42
11	E29T0	9166	17.02	7064	21.24	4861	23.43
12	E29W2	8405	17.02	6725	21.24	4534	23.43
13	E29W6	9247	17.02	7333	21.24	4697	23.43
14	SLCS021	8370	17.08	7233	21.25	8186	23.45
15	SLCS025	8569	17.08	7579	21.25	8805	23.46

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM111824 SAS No.: BM111824 SDG NO.: BM111824

EPA Sample No.: SSTD0.4089 Date Analyzed: Nov 18 2024 12:00AM

Lab File ID: BM048769.D Time Analyzed: 19:39

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	8399	17.071	7296	21.243	8559	23.447
UPPER LIMIT	16798	17.571	14592	21.743	17118	23.947
LOWER LIMIT	4199.5	16.571	3648	20.743	4279.5	22.947
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.: BM111824 SAS No.: BM111824 SDG NO.: BM111824

EPA Sample No.: SSTD0.4090 Date Analyzed: Nov 18 2024 12:00AM

Lab File ID: BM048785.D Time Analyzed: 21:28

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	7409	17.092	6849	21.255	8225	23.456
UPPER LIMIT	14818	17.592	13698	21.755	16450	23.956
LOWER LIMIT	3704.5	16.592	3424.5	20.755	4112.5	22.956
EPA SAMPLE NO.						
01 SBLK036	770450 *	17.12	153 *	21.26	0 *	0.00 *
02 SBLK031	8999	17.02	7398	21.25	4378	23.43
03 E29R6	9300	17.02	7522	21.25	5088	23.42
04 E29S0	11453	17.02	8602	21.25	5656	23.43
05 E29S2	11396	17.02	8658	21.25	5769	23.43
06 E29S6	9427	17.02	8088	21.24	5997	23.43
07 E29S8	10807	17.02	8545	21.24	6142	23.43
08 A0AP8DL	11223	17.02	9046	21.23	8210	23.43
09 A0AQ1DL	11981	17.02	10097	21.22	9448	23.42
10 SLCS031	10949	17.07	9208	21.24	10500	23.45
11 SLCS036	9225	17.08	7920	21.25	9140	23.45

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.: BM111824

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB165021BS	1,4-Dioxane	2	2.1	ug/L	105				0	0		
	Naphthalene	0.4	0.35	ug/L	88				0	0		
	1-Methylnaphthalene	0.4	0.38	ug/L	95				0	0		
	2-Methylnaphthalene	0.4	0.28	ug/L	70				0	0		
	Acenaphthylene	0.4	0.35	ug/L	88				0	0		
	Acenaphthene	0.4	0.37	ug/L	93				0	0		
	Fluorene	0.4	0.35	ug/L	88				0	0		
	Pentachlorophenol	0.8	0.48	ug/L	60				0	0		
	Phenanthrene	0.4	0.31	ug/L	78				0	0		
	Anthracene	0.4	0.29	ug/L	73				0	0		
	Fluoranthene	0.4	0.36	ug/L	90				0	0		
	Pyrene	0.4	0.37	ug/L	93				0	0		
	Benzo(a)anthracene	0.4	0.26	ug/L	65				0	0		
	Chrysene	0.4	0.44	ug/L	110				0	0		
	Benzo(b)fluoranthene	0.4	0.33	ug/L	83				0	0		
	Benzo(k)fluoranthene	0.4	0.41	ug/L	103				0	0		
	Benzo(a)pyrene	0.4	0.38	ug/L	95				0	0		
	Indeno(1,2,3-cd)pyrene	0.4	0.35	ug/L	88				0	0		
	Dibenzo(a,h)anthracene	0.4	0.32	ug/L	80				0	0		
	Benzo(g,h,i)perylene	0.4	0.38	ug/L	95				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM111824

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB165025BS	1,4-Dioxane	2	2	ug/L	100				0	0		
	Naphthalene	0.4	0.35	ug/L	88				0	0		
	1-Methylnaphthalene	0.4	0.38	ug/L	95				0	0		
	2-Methylnaphthalene	0.4	0.29	ug/L	73				0	0		
	Acenaphthylene	0.4	0.34	ug/L	85				0	0		
	Acenaphthene	0.4	0.36	ug/L	90				0	0		
	Fluorene	0.4	0.34	ug/L	85				0	0		
	Pentachlorophenol	0.8	0.48	ug/L	60				0	0		
	Phenanthrene	0.4	0.31	ug/L	78				0	0		
	Anthracene	0.4	0.28	ug/L	70				0	0		
	Fluoranthene	0.4	0.35	ug/L	88				0	0		
	Pyrene	0.4	0.36	ug/L	90				0	0		
	Benzo(a)anthracene	0.4	0.26	ug/L	65				0	0		
	Chrysene	0.4	0.43	ug/L	108				0	0		
	Benzo(b)fluoranthene	0.4	0.31	ug/L	78				0	0		
	Benzo(k)fluoranthene	0.4	0.4	ug/L	100				0	0		
	Benzo(a)pyrene	0.4	0.36	ug/L	90				0	0		
	Indeno(1,2,3-cd)pyrene	0.4	0.34	ug/L	85				0	0		
	Dibenzo(a,h)anthracene	0.4	0.31	ug/L	78				0	0		
	Benzo(g,h,i)perylene	0.4	0.37	ug/L	93				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM111824

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB165031BS	1,4-Dioxane	2	2	ug/L	100				0	0		
	Naphthalene	0.4	0.38	ug/L	95				0	0		
	1-Methylnaphthalene	0.4	0.4	ug/L	100				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	0.37	ug/L	93				0	0		
	Pentachlorophenol	0.8	0.52	ug/L	65				0	0		
	Phenanthrene	0.4	0.33	ug/L	83				0	0		
	Anthracene	0.4	0.31	ug/L	78				0	0		
	Fluoranthene	0.4	0.38	ug/L	95				0	0		
	Pyrene	0.4	0.38	ug/L	95				0	0		
	Benzo(a)anthracene	0.4	0.3	ug/L	75				0	0		
	Chrysene	0.4	0.42	ug/L	105				0	0		
	Benzo(b)fluoranthene	0.4	0.35	ug/L	88				0	0		
	Benzo(k)fluoranthene	0.4	0.41	ug/L	103				0	0		
	Benzo(a)pyrene	0.4	0.38	ug/L	95				0	0		
	Indeno(1,2,3-cd)pyrene	0.4	0.36	ug/L	90				0	0		
	Dibenzo(a,h)anthracene	0.4	0.35	ug/L	88				0	0		
	Benzo(g,h,i)perylene	0.4	0.38	ug/L	95				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM111824

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB165036BS	1,4-Dioxane	2	2.2	ug/L	110				0	0		
	Naphthalene	0.4	0.4	ug/L	100				0	0		
	1-Methylnaphthalene	0.4	0.42	ug/L	105				0	0		
	2-Methylnaphthalene	0.4	0.34	ug/L	85				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	0.38	ug/L	95				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	0.32	ug/L	80				0	0		
	Fluoranthene	0.4	0.4	ug/L	100				0	0		
	Pyrene	0.4	0.4	ug/L	100				0	0		
	Benzo(a)anthracene	0.4	0.32	ug/L	80				0	0		
	Chrysene	0.4	0.45	ug/L	113				0	0		
	Benzo(b)fluoranthene	0.4	0.37	ug/L	93				0	0		
	Benzo(k)fluoranthene	0.4	0.45	ug/L	113				0	0		
	Benzo(a)pyrene	0.4	0.4	ug/L	100				0	0		
	Indeno(1,2,3-cd)pyrene	0.4	0.39	ug/L	98				0	0		
	Dibenzo(a,h)anthracene	0.4	0.36	ug/L	90				0	0		
	Benzo(g,h,i)perylene	0.4	0.41	ug/L	103				0	0		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK021

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM111824

SAS No.: BM111824 SDG NO.: BM111824

Lab File ID: BM048770.D

Lab Sample ID: PB165021BL

Instrument ID: BNA_M

Date Extracted: 11/15/2024

Matrix: (soil/water) Water

Date Analyzed: 11/18/2024

Level: (low/med) LOW

Time Analyzed: 11:08

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB165021BS	PB165021BS	BM048783.D	11/18/2024
E29S4	P4829-02	BM048772.D	11/18/2024
E29S4MS	P4829-03MS	BM048773.D	11/18/2024
E29S4MSD	P4829-04MSD	BM048774.D	11/18/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK025

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM111824

SAS No.: BM111824 SDG NO.: BM111824

Lab File ID: BM048771.D

Lab Sample ID: PB165025BL

Instrument ID: BNA_M

Date Extracted: 11/15/2024

Matrix: (soil/water) Water

Date Analyzed: 11/18/2024

Level: (low/med) LOW

Time Analyzed: 11:49

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB165025BS	PB165025BS	BM048784.D	11/18/2024
E29T4	P4829-06	BM048775.D	11/18/2024
E29W0	P4829-08	BM048776.D	11/18/2024
E29W1	P4829-09	BM048777.D	11/18/2024
E29W4	P4829-10	BM048778.D	11/18/2024
E29W5	P4829-11	BM048779.D	11/18/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK031

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM111824

SAS No.: BM111824 SDG NO.: BM111824

Lab File ID: BM048787.D

Lab Sample ID: PB165031BL

Instrument ID: BNA_M

Date Extracted: 11/16/2024

Matrix: (soil/water) Water

Date Analyzed: 11/18/2024

Level: (low/med) LOW

Time Analyzed: 22:04

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E29R6	P4829-13	BM048788.D	11/18/2024
E29S0	P4829-14	BM048789.D	11/18/2024
E29S2	P4829-15	BM048790.D	11/18/2024
E29S6	P4829-16	BM048791.D	11/19/2024
E29S8	P4829-17	BM048792.D	11/19/2024
PB165031BS	PB165031BS	BM048795.D	11/19/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK036

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM111824

SAS No.: BM111824 SDG NO.: BM111824

Lab File ID: BM048786.D

Lab Sample ID: PB165036BL

Instrument ID: BNA_M

Date Extracted: 11/16/2024

Matrix: (soil/water) Water

Date Analyzed: 11/18/2024

Level: (low/med) LOW

Time Analyzed: 21:28

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB165036BS	PB165036BS	BM048796.D	11/19/2024
E29T0	P4829-18	BM048780.D	11/18/2024
E29W2	P4829-21	BM048781.D	11/18/2024
E29W6	P4829-22	BM048782.D	11/18/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM111824

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P4829-03MS	Client Sample ID:	E29S4MS					DataFile:	BM048773.D		
1,4-Dioxane	2		0.75	ug/L	38				15	120	
Naphthalene	0.4		0.32	ug/L	80				0	0	
1-Methylnaphthalene	0.4		0.34	ug/L	85				0	0	
2-Methylnaphthalene	0.4		0.29	ug/L	73				0	0	
Acenaphthylene	0.4		0.36	ug/L	90				0	0	
Acenaphthene	0.4		0.36	ug/L	90				46	118	
Fluorene	0.4		0.37	ug/L	93				0	0	
Pentachlorophenol	0.8		0.66	ug/L	83				9	103	
Phenanthrene	0.4		0.38	ug/L	95				0	0	
Anthracene	0.4		0.36	ug/L	90				0	0	
Fluoranthene	0.4		0.41	ug/L	103				0	0	
Pyrene	0.4		0.41	ug/L	103				26	127	
Benzo(a)anthracene	0.4		0.31	ug/L	78				0	0	
Chrysene	0.4		0.46	ug/L	115				0	0	
Benzo(b)fluoranthene	0.4		0.4	ug/L	100				0	0	
Benzo(k)fluoranthene	0.4		0.44	ug/L	110				0	0	
Benzo(a)pyrene	0.4		0.41	ug/L	103				0	0	
Indeno(1,2,3-cd)pyrene	0.4		0.41	ug/L	103				0	0	
Dibenzo(a,h)anthracene	0.4		0.39	ug/L	98				0	0	
Benzo(g,h,i)perylene	0.4		0.42	ug/L	105				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM111824

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P4829-04MSD		Client Sample ID: E29S4MSD		DataFile: BM048774.D							
1,4-Dioxane	2		0.86	ug/L	43		12		15	120	50
Naphthalene	0.41		0.34	ug/L	83		4	*	0	0	0
1-Methylnaphthalene	0.41		0.35	ug/L	85		0		0	0	0
2-Methylnaphthalene	0.41		0.3	ug/L	73		0		0	0	0
Acenaphthylene	0.41		0.37	ug/L	90		0		0	0	0
Acenaphthene	0.41		0.37	ug/L	90		0		46	118	31
Fluorene	0.41		0.39	ug/L	95		2	*	0	0	0
Pentachlorophenol	0.82		0.69	ug/L	84		1		9	103	50
Phenanthrene	0.41		0.4	ug/L	98		3	*	0	0	0
Anthracene	0.41		0.37	ug/L	90		0		0	0	0
Fluoranthene	0.41		0.43	ug/L	105		2	*	0	0	0
Pyrene	0.41		0.43	ug/L	105		2		26	127	31
Benzo(a)anthracene	0.41		0.33	ug/L	80		3	*	0	0	0
Chrysene	0.41		0.48	ug/L	117		2	*	0	0	0
Benzo(b)fluoranthene	0.41		0.4	ug/L	98		2	*	0	0	0
Benzo(k)fluoranthene	0.41		0.47	ug/L	115		4	*	0	0	0
Benzo(a)pyrene	0.41		0.42	ug/L	102		1	*	0	0	0
Indeno(1,2,3-cd)pyrene	0.41		0.42	ug/L	102		1	*	0	0	0
Dibenzo(a,h)anthracene	0.41		0.4	ug/L	98		0		0	0	0
Benzo(g,h,i)perylene	0.41		0.44	ug/L	107		2	*	0	0	0

Surrogate Summary

SW-846

SDG No.: BM111824

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4803-05DL	A0AP8DL	BM048793.D	1,4-Dioxane-d8	8	5.40	67		15	120
			Fluoranthene-d10	0.4	0.44	109		30	130
			2-Methylnaphthalene-d10	0.4	0.33	81		30	130
P4803-06DL	A0AQ1DL	BM048794.D	1,4-Dioxane-d8	8	5.16	64		15	120
			Fluoranthene-d10	0.4	0.38	94		30	130
			2-Methylnaphthalene-d10	0.4	0.29	72		30	130

Surrogate Summary

SW-846

SDG No.: **BM111824**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4829-02	E29S4	BM048772.D	1,4-Dioxane-d8	8	4.48	56		15	120
			Fluoranthene-d10	0.4	0.41	102		30	130
			2-Methylnaphthalene-d10	0.4	0.26	66		30	130
P4829-03MS	E29S4MS	BM048773.D	1,4-Dioxane-d8	0.8	0.27	34		15	120
			Fluoranthene-d10	0.4	0.42	104		30	130
			2-Methylnaphthalene-d10	0.4	0.32	80		30	130
P4829-04MSD	E29S4MSD	BM048774.D	1,4-Dioxane-d8	0.8	0.30	37		15	120
			Fluoranthene-d10	0.4	0.42	106		30	130
			2-Methylnaphthalene-d10	0.4	0.32	79		30	130
PB165021BL	PB165021BL	BM048770.D	1,4-Dioxane-d8	8	5.51	69		15	120
			Fluoranthene-d10	0.4	0.37	93		30	130
			2-Methylnaphthalene-d10	0.4	0.30	75		30	130
PB165021BS	PB165021BS	BM048783.D	1,4-Dioxane-d8	0.8	0.87	108		15	120
			Fluoranthene-d10	0.4	0.39	96		30	130
			2-Methylnaphthalene-d10	0.4	0.35	88		30	130

Surrogate Summary

SW-846

SDG No.: **BM111824**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4829-06	E29T4	BM048775.D	1,4-Dioxane-d8	8	4.15	52		15	120
			Fluoranthene-d10	0.4	0.40	100		30	130
			2-Methylnaphthalene-d10	0.4	0.24	60		30	130
P4829-08	E29W0	BM048776.D	1,4-Dioxane-d8	8	3.96	50		15	120
			Fluoranthene-d10	0.4	0.42	105		30	130
			2-Methylnaphthalene-d10	0.4	0.28	69		30	130
P4829-09	E29W1	BM048777.D	1,4-Dioxane-d8	8	4.18	52		15	120
			Fluoranthene-d10	0.4	0.41	101		30	130
			2-Methylnaphthalene-d10	0.4	0.28	70		30	130
P4829-10	E29W4	BM048778.D	1,4-Dioxane-d8	8	3.92	49		15	120
			Fluoranthene-d10	0.4	0.39	98		30	130
			2-Methylnaphthalene-d10	0.4	0.26	64		30	130
P4829-11	E29W5	BM048779.D	1,4-Dioxane-d8	8	4.77	60		15	120
			Fluoranthene-d10	0.4	0.46	114		30	130
			2-Methylnaphthalene-d10	0.4	0.32	79		30	130
PB165025BL	PB165025BL	BM048771.D	1,4-Dioxane-d8	8	5.84	73		15	120
			Fluoranthene-d10	0.4	0.36	91		30	130
			2-Methylnaphthalene-d10	0.4	0.33	83		30	130
PB165025BS	PB165025BS	BM048784.D	1,4-Dioxane-d8	0.8	0.81	101		15	120
			Fluoranthene-d10	0.4	0.38	94		30	130
			2-Methylnaphthalene-d10	0.4	0.35	87		30	130

Surrogate Summary

SW-846

SDG No.: **BM111824**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4829-13	E29R6	BM048788.D	1,4-Dioxane-d8	8	4.64	58		15	120
			Fluoranthene-d10	0.4	0.40	99		30	130
			2-Methylnaphthalene-d10	0.4	0.29	72		30	130
P4829-14	E29S0	BM048789.D	1,4-Dioxane-d8	8	4.63	58		15	120
			Fluoranthene-d10	0.4	0.37	93		30	130
			2-Methylnaphthalene-d10	0.4	0.25	62		30	130
P4829-15	E29S2	BM048790.D	1,4-Dioxane-d8	8	4.74	59		15	120
			Fluoranthene-d10	0.4	0.36	91		30	130
			2-Methylnaphthalene-d10	0.4	0.24	60		30	130
P4829-16	E29S6	BM048791.D	1,4-Dioxane-d8	8	4.56	57		15	120
			Fluoranthene-d10	0.4	0.37	93		30	130
			2-Methylnaphthalene-d10	0.4	0.27	67		30	130
P4829-17	E29S8	BM048792.D	1,4-Dioxane-d8	8	4.42	55		15	120
			Fluoranthene-d10	0.4	0.34	85		30	130
			2-Methylnaphthalene-d10	0.4	0.25	61		30	130
PB165031BL	PB165031BL	BM048787.D	1,4-Dioxane-d8	8	6.39	80		15	120
			Fluoranthene-d10	0.4	0.36	90		30	130
			2-Methylnaphthalene-d10	0.4	0.31	78		30	130
PB165031BS	PB165031BS	BM048795.D	1,4-Dioxane-d8	0.8	0.81	101		15	120
			Fluoranthene-d10	0.4	0.41	102		30	130
			2-Methylnaphthalene-d10	0.4	0.38	95		30	130

Surrogate Summary

SW-846

SDG No.: BM111824

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4829-18	E29T0	BM048780.D	1,4-Dioxane-d8	8	4.92	61		15	120
			Fluoranthene-d10	0.4	0.46	114		30	130
			2-Methylnaphthalene-d10	0.4	0.33	82		30	130
P4829-21	E29W2	BM048781.D	1,4-Dioxane-d8	8	4.92	61		15	120
			Fluoranthene-d10	0.4	0.44	109		30	130
			2-Methylnaphthalene-d10	0.4	0.29	73		30	130
P4829-22	E29W6	BM048782.D	1,4-Dioxane-d8	8	4.94	62		15	120
			Fluoranthene-d10	0.4	0.42	106		30	130
			2-Methylnaphthalene-d10	0.4	0.30	76		30	130
PB165036BL	PB165036BL	BM048786.D	1,4-Dioxane-d8	8	11,794.00	147425	*	15	120
			Fluoranthene-d10	0.4	19.03	4757	*	30	130
			2-Methylnaphthalene-d10	0.4	87.59	21897	*	30	130
PB165036BS	PB165036BS	BM048796.D	1,4-Dioxane-d8	0.8	0.92	114		15	120
			Fluoranthene-d10	0.4	0.42	105		30	130
			2-Methylnaphthalene-d10	0.4	0.39	97		30	130

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM111824

Lab Code: CHEM

SAS No.: BM111824

SDG NO.: BM111824

Lab File ID: BM048768.D

DFTPP Injection Date: 11/18/2024

Instrument ID: BNA_M

DFTPP Injection Time: 09:53

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	30
68	Less than 2.0% of mass 69	0.5 (1.5) 1
69	Mass 69 relative abundance	32
70	Less than 2.0% of mass 69	0.1 (0.4) 1
127	10.0 - 80.0% of mass 198	44.6
197	Less than 2.0% of mass 198	0.6
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	25.3
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	12.8
442	Greater than 50% of mass 198	80.4
443	15.0 - 24.0% of mass 442	15.9 (19.8) 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
SSTD0.4089	SSTDCCC0.4	BM048769.D	11/18/2024	10:32
SBLK021	PB165021BL	BM048770.D	11/18/2024	11:08
SBLK025	PB165025BL	BM048771.D	11/18/2024	11:49
E29S4	P4829-02	BM048772.D	11/18/2024	12:25
E29S4MS	P4829-03MS	BM048773.D	11/18/2024	13:01
E29S4MSD	P4829-04MSD	BM048774.D	11/18/2024	13:38
E29T4	P4829-06	BM048775.D	11/18/2024	14:14
E29W0	P4829-08	BM048776.D	11/18/2024	14:50
E29W1	P4829-09	BM048777.D	11/18/2024	15:26
E29W4	P4829-10	BM048778.D	11/18/2024	16:02
E29W5	P4829-11	BM048779.D	11/18/2024	16:38
E29T0	P4829-18	BM048780.D	11/18/2024	17:15
E29W2	P4829-21	BM048781.D	11/18/2024	17:51
E29W6	P4829-22	BM048782.D	11/18/2024	18:27
SLCS021	PB165021BS	BM048783.D	11/18/2024	19:03
SLCS025	PB165025BS	BM048784.D	11/18/2024	19:39
SSTD0.4090	SSTDCCC0.4	BM048785.D	11/18/2024	20:52
SBLK036	PB165036BL	BM048786.D	11/18/2024	21:28

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM111824

Lab Code: CHEM

SAS No.: BM111824

SDG NO.: BM111824

Lab File ID: BM048768.D

DFTPP Injection Date: 11/18/2024

Instrument ID: BNA_M

DFTPP Injection Time: 09:53

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	30
68	Less than 2.0% of mass 69	0.5 (1.5) 1
69	Mass 69 relative abundance	32
70	Less than 2.0% of mass 69	0.1 (0.4) 1
127	10.0 - 80.0% of mass 198	44.6
197	Less than 2.0% of mass 198	0.6
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	25.3
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	12.8
442	Greater than 50% of mass 198	80.4
443	15.0 - 24.0% of mass 442	15.9 (19.8) 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
SBLK031	PB165031BL	BM048787.D	11/18/2024	22:04
E29R6	P4829-13	BM048788.D	11/18/2024	22:40
E29S0	P4829-14	BM048789.D	11/18/2024	23:17
E29S2	P4829-15	BM048790.D	11/18/2024	23:53
E29S6	P4829-16	BM048791.D	11/19/2024	00:29
E29S8	P4829-17	BM048792.D	11/19/2024	01:05
A0AP8DL	P4803-05DL	BM048793.D	11/19/2024	01:42
A0AQ1DL	P4803-06DL	BM048794.D	11/19/2024	02:18
SLCS031	PB165031BS	BM048795.D	11/19/2024	02:54
SLCS036	PB165036BS	BM048796.D	11/19/2024	03:30
SSTD0.4091	SSTDCCC0.4EC	BM048797.D	11/19/2024	04:42