

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM102124 SAS No.: BM102124 SDG No.: BM102124

Instrument ID: BNA_M Calibration Date/Time: 10/21/2024 : 10:22

Lab File ID: BM048147.D Init. Calib. Date(s): _____

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

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.639	0.730	0.010	14.3093	40.0
1,4-Dioxane-d8	0.544	0.590	0.010	8.5328	40.0
Naphthalene	1.087	1.030	0.600	-5.2246	30.0
1-Methylnaphthalene	0.716	0.661	0.300	-7.7161	30.0
2-Methylnaphthalene	0.622	0.575	0.300	-7.5644	30.0
Acenaphthylene	1.848	1.753	0.900	-5.1206	30.0
Acenaphthene	1.321	1.273	0.500	-3.6208	30.0
Fluorene	1.415	1.347	0.700	-4.8101	30.0
Pentachlorophenol	0.134	0.123	0.010	-8.1319	50.0
Phenanthrene	1.011	0.961	0.300	-4.9428	30.0
Anthracene	0.956	0.886	0.400	-7.3269	30.0
Fluoranthene	1.570	1.631	0.400	3.9039	30.0
Pyrene	1.688	1.779	0.500	5.3581	30.0
Benzo (a) anthracene	1.232	1.107	0.400	-10.12	30.0
Chrysene	1.876	1.928	0.400	2.7868	30.0
Benzo (b) fluoranthene	1.533	1.303	0.200	-14.975	30.0
Benzo (k) fluoranthene	1.855	1.589	0.200	-14.3639	30.0
Benzo (a) pyrene	1.276	1.169	0.200	-8.4557	30.0
Indeno (1,2,3-cd) pyrene	1.913	1.719	0.200	-10.1205	30.0
Dibenzo (a,h) anthracene	1.461	1.273	0.200	-12.8626	30.0
Benzo (g,h,i) perylene	1.598	1.496	0.200	-6.3792	30.0
Fluoranthene-d10	1.164	1.268	0.400	8.9691	30.0
2-Methylnaphthalene-d10	0.558	0.518	0.300	-7.0919	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.: BM102124 SAS No.: BM102124 SDG No.: BM102124

Instrument ID: BNA_M Calibration Date/Time: 10/21/2024 : 21:14

Lab File ID: BM048164.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4063 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.639	0.814	0.010	27.4867	40.0
1,4-Dioxane-d8	0.544	0.657	0.010	20.9189	40.0
Naphthalene	1.087	1.026	0.600	-5.585	30.0
1-Methylnaphthalene	0.716	0.687	0.300	-3.9638	30.0
2-Methylnaphthalene	0.622	0.572	0.300	-7.9574	30.0
Acenaphthylene	1.848	1.723	0.900	-6.7528	30.0
Acenaphthene	1.321	1.268	0.500	-3.9462	30.0
Fluorene	1.415	1.328	0.700	-6.1185	30.0
Pentachlorophenol	0.134	0.125	0.010	-6.6004	50.0
Phenanthrene	1.011	0.933	0.300	-7.7505	30.0
Anthracene	0.956	0.836	0.400	-12.626	30.0
Fluoranthene	1.570	1.564	0.400	-0.4153	30.0
Pyrene	1.688	1.716	0.500	1.6345	30.0
Benzo (a) anthracene	1.232	1.000	0.400	-18.8371	30.0
Chrysene	1.876	1.926	0.400	2.6436	30.0
Benzo (b) fluoranthene	1.533	1.212	0.200	-20.9382	30.0
Benzo (k) fluoranthene	1.855	1.631	0.200	-12.0778	30.0
Benzo (a) pyrene	1.276	1.167	0.200	-8.576	30.0
Indeno (1,2,3-cd) pyrene	1.913	1.611	0.200	-15.8	30.0
Dibenzo (a,h) anthracene	1.461	1.145	0.200	-21.6227	30.0
Benzo (g,h,i) perylene	1.598	1.435	0.200	-10.2001	30.0
Fluoranthene-d10	1.164	1.228	0.400	5.4517	30.0
2-Methylnaphthalene-d10	0.558	0.517	0.300	-7.1915	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.: BM102124 SAS No.: BM102124 SDG No.: BM102124

Instrument ID: BNA_M Calibration Date/Time: 10/22/2024 : 08:42

Lab File ID: BM048182.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4064 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.639	0.754	0.010	18.0347	40.0
1,4-Dioxane-d8	0.544	0.557	0.010	2.4608	40.0
Naphthalene	1.087	1.059	0.600	-2.6139	30.0
1-Methylnaphthalene	0.716	0.694	0.300	-3.0666	30.0
2-Methylnaphthalene	0.622	0.607	0.300	-2.4311	30.0
Acenaphthylene	1.848	1.769	0.900	-4.2522	30.0
Acenaphthene	1.321	1.296	0.500	-1.8865	30.0
Fluorene	1.415	1.397	0.700	-1.2354	30.0
Pentachlorophenol	0.134	0.128	0.010	-4.7665	50.0
Phenanthrene	1.011	0.973	0.300	-3.7398	30.0
Anthracene	0.956	0.893	0.400	-6.6737	30.0
Fluoranthene	1.570	1.668	0.400	6.2328	30.0
Pyrene	1.688	1.804	0.500	6.8664	30.0
Benzo (a) anthracene	1.232	1.182	0.400	-4.101	30.0
Chrysene	1.876	1.865	0.400	-0.6226	30.0
Benzo (b) fluoranthene	1.533	1.318	0.200	-14.01	30.0
Benzo (k) fluoranthene	1.855	1.573	0.200	-15.2279	30.0
Benzo (a) pyrene	1.276	1.180	0.200	-7.5404	30.0
Indeno (1,2,3-cd) pyrene	1.913	1.745	0.200	-8.7854	30.0
Dibenzo (a,h) anthracene	1.461	1.293	0.200	-11.4757	30.0
Benzo (g,h,i) perylene	1.598	1.493	0.200	-6.5409	30.0
Fluoranthene-d10	1.164	1.275	0.400	9.521	30.0
2-Methylnaphthalene-d10	0.558	0.526	0.300	-5.715	30.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	10/10/2024 12:00:00 AM
Project:		Date Received:	10/10/2024 12:00:00 AM
Client Sample ID:	SBLK042	SDG No.:	BM102124
Lab Sample ID:	PB164042BL	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
BM048148.D	1	10/10/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164042

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	4.216		15-120		53	SPK: -8
93951-69-0	Fluoranthene-d10	0.33		30-130		83	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.23		30-130		57	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7505	7.771				
1146-65-2	Naphthalene-d8	23239	10.557				
15067-26-2	Acenaphthene-d10	11686	14.405				

Report of Analysis

Client:		Date Collected:	10/10/2024 12:00:00 AM
Project:		Date Received:	10/10/2024 12:00:00 AM
Client Sample ID:	SBLK042	SDG No.:	BM102124
Lab Sample ID:	PB164042BL	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
BM048148.D	1	10/10/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164042

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	22391	17.146				
1719-03-5	Chrysene-d12	14983	21.353				
1520-96-3	Perylene-d12	12059	23.589				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/15/2024 12:00:00 AM
Project:		Date Received:	10/15/2024 12:00:00 AM
Client Sample ID:	SBLK164	SDG No.:	BM102124
Lab Sample ID:	PB164164BL	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
BM048149.D	1	10/15/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164164

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	4.669		15-120		58	SPK: -8
93951-69-0	Fluoranthene-d10	0.357		30-130		89	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.253		30-130		63	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7045	7.771				
1146-65-2	Naphthalene-d8	21885	10.557				
15067-26-2	Acenaphthene-d10	10940	14.405				

Report of Analysis

Client:		Date Collected:	10/15/2024 12:00:00 AM
Project:		Date Received:	10/15/2024 12:00:00 AM
Client Sample ID:	SBLK164	SDG No.:	BM102124
Lab Sample ID:	PB164164BL	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
BM048149.D	1	10/15/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164164

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	21010	17.146				
1719-03-5	Chrysene-d12	14118	21.35				
1520-96-3	Perylene-d12	10619	23.589				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/11/2024 12:00:00 AM
Project:		Date Received:	10/11/2024 12:00:00 AM
Client Sample ID:	SBLK095	SDG No.:	BM102124
Lab Sample ID:	PB164095BL	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
BM048150.D	1	10/11/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164095

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	5.646		15-120		71	SPK: -8
93951-69-0	Fluoranthene-d10	0.442		30-130		111	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.31		30-130		77	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6055	7.771				
1146-65-2	Naphthalene-d8	18643	10.557				
15067-26-2	Acenaphthene-d10	9383	14.405				

Report of Analysis

Client:		Date Collected:	10/11/2024 12:00:00 AM
Project:		Date Received:	10/11/2024 12:00:00 AM
Client Sample ID:	SBLK095	SDG No.:	BM102124
Lab Sample ID:	PB164095BL	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
BM048150.D	1	10/11/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164095

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	18071	17.146				
1719-03-5	Chrysene-d12	11852	21.353				
1520-96-3	Perylene-d12	7629	23.586				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	E27J4	SDG No.:	BM102124
Lab Sample ID:	P4389-03	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
BM048151.D	1	10/15/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164164

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	0.09	J	0	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.03	J	0.02	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.05	J	0.01	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.01	U	0.01	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.01	U	0.01	0.05	0.1	ug/L
86-73-7	Fluorene	0.01	U	0.01	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.06	U	0.06	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.03	J	0.01	0.05	0.1	ug/L
120-12-7	Anthracene	0.01	U	0.01	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.01	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	0.04	J	0.01	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.03	J	0.01	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.02	U	0.02	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.03	J	0.02	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.01	U	0.01	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.02	J	0.02	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.257		15-120		53	SPK: -8
93951-69-0	Fluoranthene-d10	0.52		30-130		130	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.395		30-130		99	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6268	7.771				
1146-65-2	Naphthalene-d8	19356	10.557				
15067-26-2	Acenaphthene-d10	10220	14.405				

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	E27J4	SDG No.:	BM102124
Lab Sample ID:	P4389-03	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
BM048151.D	1	10/15/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164164

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	19578	17.145				
1719-03-5	Chrysene-d12	13526	21.341				
1520-96-3	Perylene-d12	9645	23.589				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	E27J8	SDG No.:	BM102124
Lab Sample ID:	P4389-04	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
BM048152.D	1	10/15/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164164

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	0.07	J	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.131		15-120		52	SPK: -8
93951-69-0	Fluoranthene-d10	0.514		30-130		128	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.367		30-130		92	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6138	7.771				
1146-65-2	Naphthalene-d8	18936	10.556				
15067-26-2	Acenaphthene-d10	9835	14.404				

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	E27J8	SDG No.:	BM102124
Lab Sample ID:	P4389-04	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048152.D	1	10/15/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164164

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	19118	17.144				
1719-03-5	Chrysene-d12	12924	21.345				
1520-96-3	Perylene-d12	9187	23.589				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	E27G7	SDG No.:	BM102124
Lab Sample ID:	P4380-22	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
BM048153.D	1	10/11/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164095

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	170	E	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	6.7	E	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	15	E	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	8.1	E	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	4.9	E	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	5.7	E	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.14	J	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	13	E	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	1.5		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	1.6	E	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.81		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	4.1		15-120		51	SPK: -8
93951-69-0	Fluoranthene-d10	0.43		30-130		108	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.4		30-130		100	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6629		7.771			
1146-65-2	Naphthalene-d8	20548		10.556			
15067-26-2	Acenaphthene-d10	15743		14.399			

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	E27G7	SDG No.:	BM102124
Lab Sample ID:	P4380-22	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
BM048153.D	1	10/11/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164095

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	23539	17.144				
1719-03-5	Chrysene-d12	17749	21.316				
1520-96-3	Perylene-d12	15165	23.575				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	E27G6	SDG No.:	BM102124
Lab Sample ID:	P4380-21	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
BM048154.D	1	10/11/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164095

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.14		0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.08	J	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.04	J	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.07	J	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.1		0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.08	J	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.12	J	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.13		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	0.12		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	4.068		15-120		51	SPK: -8
93951-69-0	Fluoranthene-d10	0.461		30-130		115	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.407		30-130		102	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6878	7.771				
1146-65-2	Naphthalene-d8	20729	10.557				
15067-26-2	Acenaphthene-d10	13091	14.405				

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	E27G6	SDG No.:	BM102124
Lab Sample ID:	P4380-21	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
BM048154.D	1	10/11/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164095

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	25066	17.145				
1719-03-5	Chrysene-d12	18082	21.315				
1520-96-3	Perylene-d12	15638	23.577				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	E27H1	SDG No.:	BM102124
Lab Sample ID:	P4389-02	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048155.D	1	10/15/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164164

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	0.17		0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.45		0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.35		0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.03	J	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.14		0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.06	J	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.13		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	0.08	J	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.04	J	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	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	3.84		15-120		48	SPK: -8
93951-69-0	Fluoranthene-d10	0.425		30-130		106	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.373		30-130		93	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7463	7.771				
1146-65-2	Naphthalene-d8	23004	10.557				
15067-26-2	Acenaphthene-d10	15884	14.4				

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	E27H1	SDG No.:	BM102124
Lab Sample ID:	P4389-02	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048155.D	1	10/15/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164164

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	26066	17.145				
1719-03-5	Chrysene-d12	19593	21.315				
1520-96-3	Perylene-d12	17565	23.574				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	E27H0	SDG No.:	BM102124
Lab Sample ID:	P4389-01	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048156.D	1	10/15/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164164

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	0.05	J	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.03	J	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	0.59		0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.08	J	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.03	J	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.11		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.07	J	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.04	J	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	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	3.839		15-120		48	SPK: -8
93951-69-0	Fluoranthene-d10	0.469		30-130		117	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.365		30-130		91	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6767	7.771				
1146-65-2	Naphthalene-d8	20883	10.557				
15067-26-2	Acenaphthene-d10	11139	14.405				

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	E27H0	SDG No.:	BM102124
Lab Sample ID:	P4389-01	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048156.D	1	10/15/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164164

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	23483	17.145				
1719-03-5	Chrysene-d12	16149	21.318				
1520-96-3	Perylene-d12	15206	23.577				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	E27H4	SDG No.:	BM102124
Lab Sample ID:	P4380-01	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048157.D	1	10/10/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164042

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	0.05	J	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.32		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	3.663		15-120		46	SPK: -8
93951-69-0	Fluoranthene-d10	0.414		30-130		103	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.353		30-130		88	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7989	7.771				
1146-65-2	Naphthalene-d8	22706	10.556				
15067-26-2	Acenaphthene-d10	16372	14.404				

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	E27H4	SDG No.:	BM102124
Lab Sample ID:	P4380-01	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048157.D	1	10/10/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164042

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	27306	17.144				
1719-03-5	Chrysene-d12	19494	21.315				
1520-96-3	Perylene-d12	17529	23.578				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	E27H4MS	SDG No.:	BM102124
Lab Sample ID:	P4380-02MS	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
BM048158.D	1	10/10/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164042

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.64		0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.48		0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.54		0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.49		0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.26		0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.31		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	1.7		0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.52		0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.55		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.51		0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.5		0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.58		0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.37		0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.44		0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.37		0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.45		0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.43		0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.44		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	0.244		15-120		31	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.505		30-130		126	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.441		30-130		110	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5861	7.775				
1146-65-2	Naphthalene-d8	18565	10.563				
15067-26-2	Acenaphthene-d10	15460	14.4				

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	E27H4MS	SDG No.:	BM102124
Lab Sample ID:	P4380-02MS	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
BM048158.D	1	10/10/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164042

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	22229	17.146				
1719-03-5	Chrysene-d12	16810	21.315				
1520-96-3	Perylene-d12	16812	23.577				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	E27H4MSD	SDG No.:	BM102124
Lab Sample ID:	P4380-03MSD	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
BM048159.D	1	10/10/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164042

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.65		0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.42		0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.47		0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.43		0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.24		0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.28		0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.3		0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	1.5		0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.45		0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.48		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.45		0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.43		0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.51		0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.33		0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.38		0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.33		0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.39		0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.37		0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.38		0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.36		0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.226		15-120		28	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.444		30-130		111	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.384		30-130		96	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6732	7.775				
1146-65-2	Naphthalene-d8	21417	10.563				
15067-26-2	Acenaphthene-d10	17149	14.405				

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	E27H4MSD	SDG No.:	BM102124
Lab Sample ID:	P4380-03MSD	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
BM048159.D	1	10/10/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164042

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	25571	17.146				
1719-03-5	Chrysene-d12	19470	21.315				
1520-96-3	Perylene-d12	19662	23.577				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	E27G7DL	SDG No.:	BM102124
Lab Sample ID:	P4380-22DL	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
BM048160.D	5	10/11/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164095

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	210	ED	0.0215	0.25	0.5	ug/L
90-12-0	1-Methylnaphthalene	6.5	D	0.075	0.25	0.5	ug/L
91-57-6	2-Methylnaphthalene	14	ED	0.0265	0.25	0.5	ug/L
208-96-8	Acenaphthylene	11	ED	0.06	0.25	0.5	ug/L
83-32-9	Acenaphthene	6.4	D	0.037	0.25	0.5	ug/L
86-73-7	Fluorene	7.3	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	12	ED	0.034	0.25	0.5	ug/L
120-12-7	Anthracene	1.4	D	0.04	0.25	0.5	ug/L
206-44-0	Fluoranthene	1.5	D	0.0395	0.25	0.5	ug/L
129-00-0	Pyrene	0.78	D	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	4.135		15-120		52	SPK: -8
93951-69-0	Fluoranthene-d10	0.4		30-130		100	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.375		30-130		94	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6510	7.771				
1146-65-2	Naphthalene-d8	20483	10.557				
15067-26-2	Acenaphthene-d10	12098	14.405				

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	E27G7DL	SDG No.:	BM102124
Lab Sample ID:	P4380-22DL	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
BM048160.D	5	10/11/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164095

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	24473	17.145				
1719-03-5	Chrysene-d12	20005	21.318				
1520-96-3	Perylene-d12	18689	23.58				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.145	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/10/2024 12:00:00 AM
Project:		Date Received:	10/10/2024 12:00:00 AM
Client Sample ID:	SLCS042	SDG No.:	BM102124
Lab Sample ID:	PB164042BS	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
BM048161.D	1	10/10/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164042

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.6		0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.31		0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.36		0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.32		0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.31		0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.33		0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.32		0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.62		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	0.31		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.36		0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.36		0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.32		0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.34		0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.29		0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.31		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	0.31		0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.3		0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.32		0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.672		15-120		84	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.372		30-130		93	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	5303	7.813				
1146-65-2	Naphthalene-d8	17773	10.583				
15067-26-2	Acenaphthene-d10	10114	14.418				

Report of Analysis

Client:		Date Collected:	10/10/2024 12:00:00 AM
Project:		Date Received:	10/10/2024 12:00:00 AM
Client Sample ID:	SLCS042	SDG No.:	BM102124
Lab Sample ID:	PB164042BS	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
BM048161.D	1	10/10/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164042

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	20059	17.17				
1719-03-5	Chrysene-d12	15656	21.333				
1520-96-3	Perylene-d12	16549	23.595				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/15/2024 12:00:00 AM
Project:		Date Received:	10/15/2024 12:00:00 AM
Client Sample ID:	SLCS164	SDG No.:	BM102124
Lab Sample ID:	PB164164BS	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
BM048162.D	1	10/15/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164164

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	0.45		0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.52		0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.46		0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.43		0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.46		0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.45		0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.8		0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.44		0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.43		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.49		0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.5		0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.45		0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.48		0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.41		0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.42		0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.49		0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.44		0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.42		0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.45		0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.868		15-120		108	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.506		30-130		126	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.441		30-130		110	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5414	7.8				
1146-65-2	Naphthalene-d8	18235	10.579				
15067-26-2	Acenaphthene-d10	10344	14.414				

Report of Analysis

Client:		Date Collected:	10/15/2024 12:00:00 AM
Project:		Date Received:	10/15/2024 12:00:00 AM
Client Sample ID:	SLCS164	SDG No.:	BM102124
Lab Sample ID:	PB164164BS	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
BM048162.D	1	10/15/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164164

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	20513	17.167				
1719-03-5	Chrysene-d12	15719	21.33				
1520-96-3	Perylene-d12	16448	23.595				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/11/2024 12:00:00 AM
Project:		Date Received:	10/11/2024 12:00:00 AM
Client Sample ID:	SLCS095	SDG No.:	BM102124
Lab Sample ID:	PB164095BS	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
BM048163.D	1	10/11/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164095

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	0.41		0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.48		0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.42		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	0.44		0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.42		0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.75		0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.41		0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.4		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.47		0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.48		0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.41		0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.45		0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.38		0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.41		0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.46		0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.41		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	0.43		0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.854		15-120		107	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.482		30-130		120	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.405		30-130		101	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4687	7.822				
1146-65-2	Naphthalene-d8	16494	10.589				
15067-26-2	Acenaphthene-d10	9030	14.418				

Report of Analysis

Client:		Date Collected:	10/11/2024 12:00:00 AM
Project:		Date Received:	10/11/2024 12:00:00 AM
Client Sample ID:	SLCS095	SDG No.:	BM102124
Lab Sample ID:	PB164095BS	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
BM048163.D	1	10/11/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164095

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	17593	17.174				
1719-03-5	Chrysene-d12	13571	21.336				
1520-96-3	Perylene-d12	14285	23.598				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/10/2024 12:00:00 AM
Project:		Date Received:	10/10/2024 12:00:00 AM
Client Sample ID:	SBLK049	SDG No.:	BM102124
Lab Sample ID:	PB164049BL	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
BM048165.D	1	10/10/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164049

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	4.369		15-120		55	SPK: -8
93951-69-0	Fluoranthene-d10	0.36		30-130		90	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.254		30-130		63	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7466	7.771				
1146-65-2	Naphthalene-d8	23449	10.557				
15067-26-2	Acenaphthene-d10	11889	14.405				

Report of Analysis

Client:		Date Collected:	10/10/2024 12:00:00 AM
Project:		Date Received:	10/10/2024 12:00:00 AM
Client Sample ID:	SBLK049	SDG No.:	BM102124
Lab Sample ID:	PB164049BL	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
BM048165.D	1	10/10/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164049

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	23280	17.145				
1719-03-5	Chrysene-d12	15788	21.35				
1520-96-3	Perylene-d12	12186	23.589				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/10/2024 12:00:00 AM
Project:		Date Received:	10/10/2024 12:00:00 AM
Client Sample ID:	SBLK051	SDG No.:	BM102124
Lab Sample ID:	PB164051BL	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
BM048166.D	1	10/10/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164051

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	4.601		15-120		58	SPK: -8
93951-69-0	Fluoranthene-d10	0.382		30-130		95	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.246		30-130		62	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7749	7.771				
1146-65-2	Naphthalene-d8	24619	10.556				
15067-26-2	Acenaphthene-d10	12581	14.404				

Report of Analysis

Client:		Date Collected:	10/10/2024 12:00:00 AM
Project:		Date Received:	10/10/2024 12:00:00 AM
Client Sample ID:	SBLK051	SDG No.:	BM102124
Lab Sample ID:	PB164051BL	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
BM048166.D	1	10/10/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164051

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	24596	17.144				
1719-03-5	Chrysene-d12	15361	21.351				
1520-96-3	Perylene-d12	11978	23.589				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	E27J6	SDG No.:	BM102124
Lab Sample ID:	P4380-10	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
BM048167.D	1	10/10/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164049

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	0.1		0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.03	J	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	0.012	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	4.269		15-120		53	SPK: -8
93951-69-0	Fluoranthene-d10	0.516		30-130		129	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.411		30-130		103	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6219	7.767				
1146-65-2	Naphthalene-d8	19421	10.557				
15067-26-2	Acenaphthene-d10	10509	14.405				

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	E27J6	SDG No.:	BM102124
Lab Sample ID:	P4380-10	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
BM048167.D	1	10/10/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164049

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	20601	17.141				
1719-03-5	Chrysene-d12	14547	21.339				
1520-96-3	Perylene-d12	10603	23.586				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	E27G9	SDG No.:	BM102124
Lab Sample ID:	P4380-12	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048168.D	1	10/10/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164049

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	270	E	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	11	E	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	19	E	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	12	E	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	3.5	E	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	5	E	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.51		0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	9	E	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	1.2		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	1.4		0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.74		0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.08	J	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.05	J	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	J	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	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	4.186		15-120		52	SPK: -8
93951-69-0	Fluoranthene-d10	0.459		30-130		115	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.409		30-130		102	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6554	7.767				
1146-65-2	Naphthalene-d8	20136	10.561				
15067-26-2	Acenaphthene-d10	17774	14.399				

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	E27G9	SDG No.:	BM102124
Lab Sample ID:	P4380-12	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048168.D	1	10/10/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164049

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	22637	17.14				
1719-03-5	Chrysene-d12	16927	21.316				
1520-96-3	Perylene-d12	14593	23.575				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	E27H2	SDG No.:	BM102124
Lab Sample ID:	P4380-13	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048169.D	1	10/10/2024 12:00:00 AM	10/22/2024 12:00:00 AM	PB164049

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	0.55		0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.32		0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.09	J	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.14		0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.34		0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.19		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	0.78		0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.14		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.47		0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.25		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	4.059		15-120		51	SPK: -8
93951-69-0	Fluoranthene-d10	0.5		30-130		125	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.411		30-130		103	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6225	7.771				
1146-65-2	Naphthalene-d8	18972	10.552				
15067-26-2	Acenaphthene-d10	13408	14.4				

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	E27H2	SDG No.:	BM102124
Lab Sample ID:	P4380-13	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048169.D	1	10/10/2024 12:00:00 AM	10/22/2024 12:00:00 AM	PB164049

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	22487	17.141				
1719-03-5	Chrysene-d12	16574	21.315				
1520-96-3	Perylene-d12	14903	23.574				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	E27H3	SDG No.:	BM102124
Lab Sample ID:	P4380-14	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
BM048170.D	1	10/10/2024 12:00:00 AM	10/22/2024 12:00:00 AM	PB164051

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	21	E	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	2.9	E	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	3.2	E	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	1.4		0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	1.3		0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	1.8	E	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.17	J	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	3.4	E	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.5		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.57		0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.3		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	3.699		15-120		46	SPK: -8
93951-69-0	Fluoranthene-d10	0.412		30-130		103	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.392		30-130		98	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6537	7.767				
1146-65-2	Naphthalene-d8	20241	10.552				
15067-26-2	Acenaphthene-d10	16753	14.396				

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	E27H3	SDG No.:	BM102124
Lab Sample ID:	P4380-14	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
BM048170.D	1	10/10/2024 12:00:00 AM	10/22/2024 12:00:00 AM	PB164051

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	22384	17.141				
1719-03-5	Chrysene-d12	17682	21.315				
1520-96-3	Perylene-d12	14208	23.574				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	E27H8	SDG No.:	BM102124
Lab Sample ID:	P4380-15	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
BM048171.D	1	10/10/2024 12:00:00 AM	10/22/2024 12:00:00 AM	PB164051

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.02	J	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.07	J	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	0.05	J	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.05	J	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	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	3.17		15-120		40	SPK: -8
93951-69-0	Fluoranthene-d10	0.435		30-130		109	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.324		30-130		81	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	7685		7.767			
1146-65-2	Naphthalene-d8	23820		10.556			
15067-26-2	Acenaphthene-d10	12449		14.404			

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	E27H8	SDG No.:	BM102124
Lab Sample ID:	P4380-15	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
BM048171.D	1	10/10/2024 12:00:00 AM	10/22/2024 12:00:00 AM	PB164051

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	25413	17.144				
1719-03-5	Chrysene-d12	18747	21.316				
1520-96-3	Perylene-d12	17504	23.575				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	E27J1	SDG No.:	BM102124
Lab Sample ID:	P4380-16	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
BM048172.D	1	10/10/2024 12:00:00 AM	10/22/2024 12:00:00 AM	PB164051

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	27	E	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	3.4	E	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	3.9	E	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	1.6	E	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	1.4		0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	1.8	E	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.18	J	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	3.7	E	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.57		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.61		0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.33		0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	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	4.426		15-120		55	SPK: -8
93951-69-0	Fluoranthene-d10	0.49		30-130		123	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.483		30-130		121	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6490		7.767			
1146-65-2	Naphthalene-d8	19782		10.556			
15067-26-2	Acenaphthene-d10	17912		14.399			

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	E27J1	SDG No.:	BM102124
Lab Sample ID:	P4380-16	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048172.D	1	10/10/2024 12:00:00 AM	10/22/2024 12:00:00 AM	PB164051

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	22949	17.14				
1719-03-5	Chrysene-d12	17737	21.313				
1520-96-3	Perylene-d12	15076	23.575				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	E27J3	SDG No.:	BM102124
Lab Sample ID:	P4380-17	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
BM048173.D	1	10/10/2024 12:00:00 AM	10/22/2024 12:00:00 AM	PB164051

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	0.13		0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.04	J	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.06	J	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.917		15-120		49	SPK: -8
93951-69-0	Fluoranthene-d10	0.476		30-130		119	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.398		30-130		100	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6556	7.771				
1146-65-2	Naphthalene-d8	20030	10.557				
15067-26-2	Acenaphthene-d10	10891	14.4				

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	E27J3	SDG No.:	BM102124
Lab Sample ID:	P4380-17	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
BM048173.D	1	10/10/2024 12:00:00 AM	10/22/2024 12:00:00 AM	PB164051

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	21417	17.141				
1719-03-5	Chrysene-d12	15836	21.327				
1520-96-3	Perylene-d12	13065	23.58				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	E27J7	SDG No.:	BM102124
Lab Sample ID:	P4380-18	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
BM048174.D	1	10/10/2024 12:00:00 AM	10/22/2024 12:00:00 AM	PB164051

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	0.1		0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.03	J	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	0.012	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	4.168		15-120		52	SPK: -8
93951-69-0	Fluoranthene-d10	0.54	*	30-130		135	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.445		30-130		111	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5878		7.767			
1146-65-2	Naphthalene-d8	17814		10.557			
15067-26-2	Acenaphthene-d10	9675		14.4			

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	E27J7	SDG No.:	BM102124
Lab Sample ID:	P4380-18	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
BM048174.D	1	10/10/2024 12:00:00 AM	10/22/2024 12:00:00 AM	PB164051

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	18705	17.141				
1719-03-5	Chrysene-d12	13440	21.333				
1520-96-3	Perylene-d12	11869	23.58				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	E27H5	SDG No.:	BM102124
Lab Sample ID:	P4380-04	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048175.D	1	10/10/2024 12:00:00 AM	10/22/2024 12:00:00 AM	PB164044

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	7.6	E	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	3.3	E	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	2.9	E	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.37		0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	2.3	E	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	1		0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.08	J	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	5.3	E	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.66		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	1.2		0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.6		0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.05	J	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.05	J	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.511		15-120		44	SPK: -8
93951-69-0	Fluoranthene-d10	0.468		30-130		117	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.395		30-130		99	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6073	7.767				
1146-65-2	Naphthalene-d8	17800	10.551				
15067-26-2	Acenaphthene-d10	16417	14.396				

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	E27H5	SDG No.:	BM102124
Lab Sample ID:	P4380-04	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048175.D	1	10/10/2024 12:00:00 AM	10/22/2024 12:00:00 AM	PB164044

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	20938	17.141				
1719-03-5	Chrysene-d12	15841	21.312				
1520-96-3	Perylene-d12	13367	23.571				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	E27H6	SDG No.:	BM102124
Lab Sample ID:	P4380-05	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048176.D	1	10/10/2024 12:00:00 AM	10/22/2024 12:00:00 AM	PB164044

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	57	E	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	5.3	E	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	7.7	E	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	2.6	E	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	1.1		0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	1.8	E	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.12	J	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	4.8	E	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.65		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.9		0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.48		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	3.667		15-120		46	SPK: -8
93951-69-0	Fluoranthene-d10	0.427		30-130		107	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.413		30-130		103	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5818	7.767				
1146-65-2	Naphthalene-d8	18416	10.552				
15067-26-2	Acenaphthene-d10	14782	14.4				

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	E27H6	SDG No.:	BM102124
Lab Sample ID:	P4380-05	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048176.D	1	10/10/2024 12:00:00 AM	10/22/2024 12:00:00 AM	PB164044

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	20266	17.141				
1719-03-5	Chrysene-d12	15746	21.312				
1520-96-3	Perylene-d12	13715	23.575				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	E27H7	SDG No.:	BM102124
Lab Sample ID:	P4380-06	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048177.D	1	10/10/2024 12:00:00 AM	10/22/2024 12:00:00 AM	PB164044

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	120	E	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	3.5	E	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	5.4	E	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	1.7	E	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	1.2		0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	2	E	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	2.4	E	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.41		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.21		0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.1		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	3.838		15-120		48	SPK: -8
93951-69-0	Fluoranthene-d10	0.42		30-130		105	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.327		30-130		82	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	6225		7.767			
1146-65-2	Naphthalene-d8	19500		10.552			
15067-26-2	Acenaphthene-d10	12678		14.4			

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	E27H7	SDG No.:	BM102124
Lab Sample ID:	P4380-06	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
BM048177.D	1	10/10/2024 12:00:00 AM	10/22/2024 12:00:00 AM	PB164044

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	22015	17.141				
1719-03-5	Chrysene-d12	17188	21.312				
1520-96-3	Perylene-d12	15133	23.571				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	E27H9	SDG No.:	BM102124
Lab Sample ID:	P4380-07	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048178.D	1	10/10/2024 12:00:00 AM	10/22/2024 12:00:00 AM	PB164044

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	160	E	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	4.3	E	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	7.8	E	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	1.1		0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	18	E	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	6.8	E	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	5.9	E	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	1.7	E	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	3.5	E	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	2	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	0.1		0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.11		0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.04	J	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.08	J	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	J	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.05	J	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.428		15-120		43	SPK: -8
93951-69-0	Fluoranthene-d10	0.377		30-130		94	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.282		30-130		70	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5975	7.767				
1146-65-2	Naphthalene-d8	19085	10.557				
15067-26-2	Acenaphthene-d10	10343	14.4				

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	E27H9	SDG No.:	BM102124
Lab Sample ID:	P4380-07	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048178.D	1	10/10/2024 12:00:00 AM	10/22/2024 12:00:00 AM	PB164044

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	20345	17.141				
1719-03-5	Chrysene-d12	15366	21.315				
1520-96-3	Perylene-d12	14477	23.574				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/10/2024 12:00:00 AM
Project:		Date Received:	10/10/2024 12:00:00 AM
Client Sample ID:	SLCS051	SDG No.:	BM102124
Lab Sample ID:	PB164051BS	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
BM048179.D	1	10/10/2024 12:00:00 AM	10/22/2024 12:00:00 AM	PB164051

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.9		0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.4		0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.46		0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.41		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	0.41		0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.4		0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.68		0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.39		0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.39		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.44		0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.45		0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.45		0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.41		0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.38		0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.37		0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.45		0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.4		0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.4		0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.4		0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.815		15-120		102	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.464		30-130		116	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.408		30-130		102	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4889	7.8				
1146-65-2	Naphthalene-d8	16354	10.578				
15067-26-2	Acenaphthene-d10	9320	14.413				

Report of Analysis

Client:		Date Collected:	10/10/2024 12:00:00 AM
Project:		Date Received:	10/10/2024 12:00:00 AM
Client Sample ID:	SLCS051	SDG No.:	BM102124
Lab Sample ID:	PB164051BS	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
BM048179.D	1	10/10/2024 12:00:00 AM	10/22/2024 12:00:00 AM	PB164051

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	19068	17.161				
1719-03-5	Chrysene-d12	14632	21.327				
1520-96-3	Perylene-d12	15273	23.589				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/10/2024 12:00:00 AM
Project:		Date Received:	10/10/2024 12:00:00 AM
Client Sample ID:	SLCS049	SDG No.:	BM102124
Lab Sample ID:	PB164049BS	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
BM048180.D	1	10/10/2024 12:00:00 AM	10/22/2024 12:00:00 AM	PB164049

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.8		0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.35		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	0.36		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	0.36		0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.61		0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.35		0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.35		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.39		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	0.39		0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.37		0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.33		0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.33		0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.4		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	0.36		0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.739		15-120		92	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.416		30-130		104	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.363		30-130		91	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5336	7.8				
1146-65-2	Naphthalene-d8	18236	10.579				
15067-26-2	Acenaphthene-d10	10415	14.414				

Report of Analysis

Client:		Date Collected:	10/10/2024 12:00:00 AM
Project:		Date Received:	10/10/2024 12:00:00 AM
Client Sample ID:	SLCS049	SDG No.:	BM102124
Lab Sample ID:	PB164049BS	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
BM048180.D	1	10/10/2024 12:00:00 AM	10/22/2024 12:00:00 AM	PB164049

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	21036	17.167				
1719-03-5	Chrysene-d12	16234	21.33				
1520-96-3	Perylene-d12	17082	23.592				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/10/2024 12:00:00 AM
Project:		Date Received:	10/10/2024 12:00:00 AM
Client Sample ID:	SLCS044	SDG No.:	BM102124
Lab Sample ID:	PB164044BS	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
BM048181.D	1	10/10/2024 12:00:00 AM	10/22/2024 12:00:00 AM	PB164044

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.6		0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.34		0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.39		0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.36		0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.33		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	0.36		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	0.35		0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.35		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.39		0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.39		0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.39		0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.35		0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.33		0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.32		0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.39		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	0.34		0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.35		0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.659		15-120		82	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.408		30-130		102	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.356		30-130		89	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	8298	7.788				
1146-65-2	Naphthalene-d8	27658	10.568				
15067-26-2	Acenaphthene-d10	15461	14.409				

Report of Analysis

Client:		Date Collected:	10/10/2024 12:00:00 AM
Project:		Date Received:	10/10/2024 12:00:00 AM
Client Sample ID:	SLCS044	SDG No.:	BM102124
Lab Sample ID:	PB164044BS	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
BM048181.D	1	10/10/2024 12:00:00 AM	10/22/2024 12:00:00 AM	PB164044

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	31357	17.158				
1719-03-5	Chrysene-d12	23792	21.327				
1520-96-3	Perylene-d12	25126	23.592				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Hit Summary Sheet SW-846

SDG No.: BM102124

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : E27H4								
P4380-01	E27H4	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
P4380-01	E27H4	Water	Naphthalene		0.050	J 0.0043	0.1	ug/L
P4380-01	E27H4	Water	Pentachlorophenol		0.320	0.063	0.2	ug/L
			Total Svoc :			0.37		
			Total Concentration:			0.37		
Client ID : E27H5								
P4380-04	E27H5	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
P4380-04	E27H5	Water	1-Methylnaphthalene		3.300	E 0.015	0.1	ug/L
P4380-04	E27H5	Water	2-Methylnaphthalene		2.900	E 0.0053	0.1	ug/L
P4380-04	E27H5	Water	Acenaphthene		2.300	E 0.0074	0.1	ug/L
P4380-04	E27H5	Water	Acenaphthylene		0.370	0.012	0.1	ug/L
P4380-04	E27H5	Water	Anthracene		0.660	0.008	0.1	ug/L
P4380-04	E27H5	Water	Benzo(a)anthracene		0.050	J 0.0036	0.1	ug/L
P4380-04	E27H5	Water	Chrysene		0.050	J 0.0077	0.1	ug/L
P4380-04	E27H5	Water	Fluoranthene		1.200	0.0079	0.1	ug/L
P4380-04	E27H5	Water	Fluorene		1.000	0.0067	0.1	ug/L
P4380-04	E27H5	Water	Naphthalene		7.600	E 0.0043	0.1	ug/L
P4380-04	E27H5	Water	Pentachlorophenol		0.080	J 0.063	0.2	ug/L
P4380-04	E27H5	Water	Phenanthrene		5.300	E 0.0068	0.1	ug/L
P4380-04	E27H5	Water	Pyrene		0.600	0.006	0.1	ug/L
			Total Svoc :			25.41		
			Total Concentration:			25.41		
Client ID : E27H6								
P4380-05	E27H6	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :			0.00		
P4380-05	E27H6	Water	1-Methylnaphthalene		5.300	E 0.015	0.1	ug/L
P4380-05	E27H6	Water	2-Methylnaphthalene		7.700	E 0.0053	0.1	ug/L
P4380-05	E27H6	Water	Acenaphthene		1.100	0.0074	0.1	ug/L
P4380-05	E27H6	Water	Acenaphthylene		2.600	E 0.012	0.1	ug/L
P4380-05	E27H6	Water	Anthracene		0.650	0.008	0.1	ug/L
P4380-05	E27H6	Water	Fluoranthene		0.900	0.0079	0.1	ug/L
P4380-05	E27H6	Water	Fluorene		1.800	E 0.0067	0.1	ug/L
P4380-05	E27H6	Water	Naphthalene		57.000	E 0.0043	0.1	ug/L
P4380-05	E27H6	Water	Pentachlorophenol		0.120	J 0.063	0.2	ug/L
P4380-05	E27H6	Water	Phenanthrene		4.800	E 0.0068	0.1	ug/L

Hit Summary Sheet SW-846

SDG No.: BM102124

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P4380-05	E27H6	Water	Pyrene	0.480		0.006	0.1	ug/L
Total Svoc :				82.45				
Total Concentration:				82.45				
Client ID : E27H7								
P4380-06	E27H7	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
Total Tics :				0.00				
P4380-06	E27H7	Water	1-Methylnaphthalene	3.500	E	0.015	0.1	ug/L
P4380-06	E27H7	Water	2-Methylnaphthalene	5.400	E	0.0053	0.1	ug/L
P4380-06	E27H7	Water	Acenaphthene	1.200		0.0074	0.1	ug/L
P4380-06	E27H7	Water	Acenaphthylene	1.700	E	0.012	0.1	ug/L
P4380-06	E27H7	Water	Anthracene	0.410		0.008	0.1	ug/L
P4380-06	E27H7	Water	Fluoranthene	0.210		0.0079	0.1	ug/L
P4380-06	E27H7	Water	Fluorene	2.000	E	0.0067	0.1	ug/L
P4380-06	E27H7	Water	Naphthalene	120.000	E	0.0043	0.1	ug/L
P4380-06	E27H7	Water	Phenanthrene	2.400	E	0.0068	0.1	ug/L
P4380-06	E27H7	Water	Pyrene	0.100		0.006	0.1	ug/L
Total Svoc :				136.92				
Total Concentration:				136.92				
Client ID : E27H9								
P4380-07	E27H9	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
Total Tics :				0.00				
P4380-07	E27H9	Water	1-Methylnaphthalene	4.300	E	0.015	0.1	ug/L
P4380-07	E27H9	Water	2-Methylnaphthalene	7.800	E	0.0053	0.1	ug/L
P4380-07	E27H9	Water	Acenaphthene	18.000	E	0.0074	0.1	ug/L
P4380-07	E27H9	Water	Acenaphthylene	1.100		0.012	0.1	ug/L
P4380-07	E27H9	Water	Anthracene	1.700	E	0.008	0.1	ug/L
P4380-07	E27H9	Water	Benzo(a)anthracene	0.240		0.0036	0.1	ug/L
P4380-07	E27H9	Water	Benzo(a)pyrene	0.080	J	0.017	0.1	ug/L
P4380-07	E27H9	Water	Benzo(b)fluoranthene	0.110		0.013	0.1	ug/L
P4380-07	E27H9	Water	Benzo(g,h,i)perylene	0.050	J	0.022	0.1	ug/L
P4380-07	E27H9	Water	Benzo(k)fluoranthene	0.040	J	0.0098	0.1	ug/L
P4380-07	E27H9	Water	Chrysene	0.100		0.0077	0.1	ug/L
P4380-07	E27H9	Water	Fluoranthene	3.500	E	0.0079	0.1	ug/L
P4380-07	E27H9	Water	Fluorene	6.800	E	0.0067	0.1	ug/L
P4380-07	E27H9	Water	Indeno(1,2,3-cd)pyrene	0.040	J	0.017	0.1	ug/L
P4380-07	E27H9	Water	Naphthalene	160.000	E	0.0043	0.1	ug/L
P4380-07	E27H9	Water	Phenanthrene	5.900	E	0.0068	0.1	ug/L
P4380-07	E27H9	Water	Pyrene	2.000	E	0.006	0.1	ug/L
Total Svoc :				211.76				

Hit Summary Sheet
SW-846

SDG No.: BM102124

Client:

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
			Total Concentration:				211.76		
Client ID : E27J6									
P4380-10	E27J6	Water	Total Alkanes	*	0.000		0.029	0.2	ug/L
			Total Tics :				0.00		
P4380-10	E27J6	Water	1-Methylnaphthalene		0.030	J	0.015	0.1	ug/L
P4380-10	E27J6	Water	2-Methylnaphthalene		0.050	J	0.0053	0.1	ug/L
P4380-10	E27J6	Water	Naphthalene		0.100		0.0043	0.1	ug/L
			Total Svoc :				0.18		
			Total Concentration:				0.18		
Client ID : E27G9									
P4380-12	E27G9	Water	Total Alkanes	*	0.000		0.029	0.2	ug/L
			Total Tics :				0.00		
P4380-12	E27G9	Water	1-Methylnaphthalene		11.000	E	0.015	0.1	ug/L
P4380-12	E27G9	Water	2-Methylnaphthalene		19.000	E	0.0053	0.1	ug/L
P4380-12	E27G9	Water	Acenaphthene		3.500	E	0.0074	0.1	ug/L
P4380-12	E27G9	Water	Acenaphthylene		12.000	E	0.012	0.1	ug/L
P4380-12	E27G9	Water	Anthracene		1.200		0.008	0.1	ug/L
P4380-12	E27G9	Water	Benzo(a)anthracene		0.080	J	0.0036	0.1	ug/L
P4380-12	E27G9	Water	Benzo(b)fluoranthene		0.030	J	0.013	0.1	ug/L
P4380-12	E27G9	Water	Chrysene		0.050	J	0.0077	0.1	ug/L
P4380-12	E27G9	Water	Fluoranthene		1.400		0.0079	0.1	ug/L
P4380-12	E27G9	Water	Fluorene		5.000	E	0.0067	0.1	ug/L
P4380-12	E27G9	Water	Naphthalene		270.000	E	0.0043	0.1	ug/L
P4380-12	E27G9	Water	Pentachlorophenol		0.510		0.063	0.2	ug/L
P4380-12	E27G9	Water	Phenanthrene		9.000	E	0.0068	0.1	ug/L
P4380-12	E27G9	Water	Pyrene		0.740		0.006	0.1	ug/L
			Total Svoc :				333.51		
			Total Concentration:				333.51		
Client ID : E27H2									
P4380-13	E27H2	Water	Total Alkanes	*	0.000		0.029	0.2	ug/L
			Total Tics :				0.00		
P4380-13	E27H2	Water	1-Methylnaphthalene		0.320		0.015	0.1	ug/L
P4380-13	E27H2	Water	2-Methylnaphthalene		0.090	J	0.0053	0.1	ug/L
P4380-13	E27H2	Water	Acenaphthene		0.340		0.0074	0.1	ug/L
P4380-13	E27H2	Water	Acenaphthylene		0.140		0.012	0.1	ug/L
P4380-13	E27H2	Water	Anthracene		0.140		0.008	0.1	ug/L
P4380-13	E27H2	Water	Fluoranthene		0.470		0.0079	0.1	ug/L
P4380-13	E27H2	Water	Fluorene		0.190		0.0067	0.1	ug/L
P4380-13	E27H2	Water	Naphthalene		0.550		0.0043	0.1	ug/L

Hit Summary Sheet SW-846

SDG No.: BM102124

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P4380-13	E27H2	Water	Phenanthrene	0.780		0.0068	0.1	ug/L
P4380-13	E27H2	Water	Pyrene	0.250		0.006	0.1	ug/L
Total Svoc :						3.27		
Total Concentration:						3.27		
Client ID : E27H3								
P4380-14	E27H3	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
Total Tics :						0.00		
P4380-14	E27H3	Water	1-Methylnaphthalene	2.900	E	0.015	0.1	ug/L
P4380-14	E27H3	Water	2-Methylnaphthalene	3.200	E	0.0053	0.1	ug/L
P4380-14	E27H3	Water	Acenaphthene	1.300		0.0074	0.1	ug/L
P4380-14	E27H3	Water	Acenaphthylene	1.400		0.012	0.1	ug/L
P4380-14	E27H3	Water	Anthracene	0.500		0.008	0.1	ug/L
P4380-14	E27H3	Water	Fluoranthene	0.570		0.0079	0.1	ug/L
P4380-14	E27H3	Water	Fluorene	1.800	E	0.0067	0.1	ug/L
P4380-14	E27H3	Water	Naphthalene	21.000	E	0.0043	0.1	ug/L
P4380-14	E27H3	Water	Pentachlorophenol	0.170	J	0.063	0.2	ug/L
P4380-14	E27H3	Water	Phenanthrene	3.400	E	0.0068	0.1	ug/L
P4380-14	E27H3	Water	Pyrene	0.300		0.006	0.1	ug/L
Total Svoc :						36.54		
Total Concentration:						36.54		
Client ID : E27H8								
P4380-15	E27H8	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
Total Tics :						0.00		
P4380-15	E27H8	Water	Acenaphthene	0.070	J	0.0074	0.1	ug/L
P4380-15	E27H8	Water	Fluoranthene	0.050	J	0.0079	0.1	ug/L
P4380-15	E27H8	Water	Naphthalene	0.020	J	0.0043	0.1	ug/L
P4380-15	E27H8	Water	Pyrene	0.050	J	0.006	0.1	ug/L
Total Svoc :						0.19		
Total Concentration:						0.19		
Client ID : E27J1								
P4380-16	E27J1	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
Total Tics :						0.00		
P4380-16	E27J1	Water	1-Methylnaphthalene	3.400	E	0.015	0.1	ug/L
P4380-16	E27J1	Water	2-Methylnaphthalene	3.900	E	0.0053	0.1	ug/L
P4380-16	E27J1	Water	Acenaphthene	1.400		0.0074	0.1	ug/L
P4380-16	E27J1	Water	Acenaphthylene	1.600	E	0.012	0.1	ug/L
P4380-16	E27J1	Water	Anthracene	0.570		0.008	0.1	ug/L
P4380-16	E27J1	Water	Fluoranthene	0.610		0.0079	0.1	ug/L
P4380-16	E27J1	Water	Fluorene	1.800	E	0.0067	0.1	ug/L

Hit Summary Sheet SW-846

SDG No.: BM102124

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P4380-16	E27J1	Water	Naphthalene	27.000	E	0.0043	0.1	ug/L
P4380-16	E27J1	Water	Pentachlorophenol	0.180	J	0.063	0.2	ug/L
P4380-16	E27J1	Water	Phenanthrene	3.700	E	0.0068	0.1	ug/L
P4380-16	E27J1	Water	Pyrene	0.330		0.006	0.1	ug/L
Total Svoc :						44.49		
Total Concentration:						44.49		
Client ID : E27J3								
P4380-17	E27J3	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
Total Tics :						0.00		
P4380-17	E27J3	Water	1-Methylnaphthalene	0.040	J	0.015	0.1	ug/L
P4380-17	E27J3	Water	2-Methylnaphthalene	0.060	J	0.0053	0.1	ug/L
P4380-17	E27J3	Water	Naphthalene	0.130		0.0043	0.1	ug/L
Total Svoc :						0.23		
Total Concentration:						0.23		
Client ID : E27J7								
P4380-18	E27J7	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
Total Tics :						0.00		
P4380-18	E27J7	Water	1-Methylnaphthalene	0.030	J	0.015	0.1	ug/L
P4380-18	E27J7	Water	2-Methylnaphthalene	0.050	J	0.0053	0.1	ug/L
P4380-18	E27J7	Water	Naphthalene	0.100		0.0043	0.1	ug/L
Total Svoc :						0.18		
Total Concentration:						0.18		
Client ID : E27G6								
P4380-21	E27G6	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
Total Tics :						0.00		
P4380-21	E27G6	Water	1-Methylnaphthalene	0.080	J	0.015	0.1	ug/L
P4380-21	E27G6	Water	2-Methylnaphthalene	0.040	J	0.0053	0.1	ug/L
P4380-21	E27G6	Water	Acenaphthene	0.100		0.0074	0.1	ug/L
P4380-21	E27G6	Water	Acenaphthylene	0.070	J	0.012	0.1	ug/L
P4380-21	E27G6	Water	Fluoranthene	0.210		0.0079	0.1	ug/L
P4380-21	E27G6	Water	Fluorene	0.080	J	0.0067	0.1	ug/L
P4380-21	E27G6	Water	Naphthalene	0.140		0.0043	0.1	ug/L
P4380-21	E27G6	Water	Pentachlorophenol	0.120	J	0.063	0.2	ug/L
P4380-21	E27G6	Water	Phenanthrene	0.130		0.0068	0.1	ug/L
P4380-21	E27G6	Water	Pyrene	0.120		0.006	0.1	ug/L
Total Svoc :						1.09		
Total Concentration:						1.09		
Client ID : E27G7								
P4380-22	E27G7	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L

Hit Summary Sheet SW-846

SDG No.: BM102124

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
			Total Tics :	0.00				
P4380-22	E27G7	Water	1-Methylnaphthalene	6.700	E	0.015	0.1	ug/L
P4380-22	E27G7	Water	2-Methylnaphthalene	15.000	E	0.0053	0.1	ug/L
P4380-22	E27G7	Water	Acenaphthene	4.900	E	0.0074	0.1	ug/L
P4380-22	E27G7	Water	Acenaphthylene	8.100	E	0.012	0.1	ug/L
P4380-22	E27G7	Water	Anthracene	1.500		0.008	0.1	ug/L
P4380-22	E27G7	Water	Fluoranthene	1.600	E	0.0079	0.1	ug/L
P4380-22	E27G7	Water	Fluorene	5.700	E	0.0067	0.1	ug/L
P4380-22	E27G7	Water	Naphthalene	170.000	E	0.0043	0.1	ug/L
P4380-22	E27G7	Water	Pentachlorophenol	0.140	J	0.063	0.2	ug/L
P4380-22	E27G7	Water	Phenanthrene	13.000	E	0.0068	0.1	ug/L
P4380-22	E27G7	Water	Pyrene	0.810		0.006	0.1	ug/L
			Total Svoc :	227.45				
			Total Concentration:	227.45				
Client ID : E27G7DL								
P4380-22DL	E27G7DL	Water	Total Alkanes	*	0.000	D 0.145	1	ug/L
			Total Tics :	0.00				
P4380-22DL	E27G7DL	Water	1-Methylnaphthalene	6.500	D	0.075	0.5	ug/L
P4380-22DL	E27G7DL	Water	2-Methylnaphthalene	14.000	ED	0.0265	0.5	ug/L
P4380-22DL	E27G7DL	Water	Acenaphthene	6.400	D	0.037	0.5	ug/L
P4380-22DL	E27G7DL	Water	Acenaphthylene	11.000	ED	0.06	0.5	ug/L
P4380-22DL	E27G7DL	Water	Anthracene	1.400	D	0.04	0.5	ug/L
P4380-22DL	E27G7DL	Water	Fluoranthene	1.500	D	0.0395	0.5	ug/L
P4380-22DL	E27G7DL	Water	Fluorene	7.300	D	0.0335	0.5	ug/L
P4380-22DL	E27G7DL	Water	Naphthalene	210.000	ED	0.0215	0.5	ug/L
P4380-22DL	E27G7DL	Water	Phenanthrene	12.000	ED	0.034	0.5	ug/L
P4380-22DL	E27G7DL	Water	Pyrene	0.780	D	0.03	0.5	ug/L
			Total Svoc :	270.88				
			Total Concentration:	270.88				
Client ID : E27H0								
P4389-01	E27H0	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :	0.00				
P4389-01	E27H0	Water	1-Methylnaphthalene	0.030	J	0.015	0.1	ug/L
P4389-01	E27H0	Water	Acenaphthene	0.590		0.0074	0.1	ug/L
P4389-01	E27H0	Water	Anthracene	0.110		0.008	0.1	ug/L
P4389-01	E27H0	Water	Fluoranthene	0.070	J	0.0079	0.1	ug/L
P4389-01	E27H0	Water	Fluorene	0.080	J	0.0067	0.1	ug/L
P4389-01	E27H0	Water	Naphthalene	0.050	J	0.0043	0.1	ug/L
P4389-01	E27H0	Water	Phenanthrene	0.030	J	0.0068	0.1	ug/L
P4389-01	E27H0	Water	Pyrene	0.040	J	0.006	0.1	ug/L

Hit Summary Sheet SW-846

SDG No.: BM102124

Client:

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
			Total Svoc :				1.00		
			Total Concentration:				1.00		
Client ID : E27H1									
P4389-02	E27H1	Water	Total Alkanes	*	0.000		0.029	0.2	ug/L
			Total Tics :				0.00		
P4389-02	E27H1	Water	1-Methylnaphthalene		0.450		0.015	0.1	ug/L
P4389-02	E27H1	Water	2-Methylnaphthalene		0.350		0.0053	0.1	ug/L
P4389-02	E27H1	Water	Acenaphthene		0.140		0.0074	0.1	ug/L
P4389-02	E27H1	Water	Acenaphthylene		0.030	J	0.012	0.1	ug/L
P4389-02	E27H1	Water	Fluoranthene		0.080	J	0.0079	0.1	ug/L
P4389-02	E27H1	Water	Fluorene		0.060	J	0.0067	0.1	ug/L
P4389-02	E27H1	Water	Naphthalene		0.170		0.0043	0.1	ug/L
P4389-02	E27H1	Water	Phenanthrene		0.130		0.0068	0.1	ug/L
P4389-02	E27H1	Water	Pyrene		0.040	J	0.006	0.1	ug/L
			Total Svoc :				1.45		
			Total Concentration:				1.45		
Client ID : E27J4									
P4389-03	E27J4	Water	Total Alkanes	*	0.000		0.03	0.2	ug/L
			Total Tics :				0.00		
P4389-03	E27J4	Water	1-Methylnaphthalene		0.030	J	0.02	0.1	ug/L
P4389-03	E27J4	Water	2-Methylnaphthalene		0.050	J	0.01	0.1	ug/L
P4389-03	E27J4	Water	Benzo(b)fluoranthene		0.040	J	0.01	0.1	ug/L
P4389-03	E27J4	Water	Benzo(g,h,i)perylene		0.020	J	0.02	0.1	ug/L
P4389-03	E27J4	Water	Benzo(k)fluoranthene		0.030	J	0.01	0.1	ug/L
P4389-03	E27J4	Water	Indeno(1,2,3-cd)pyrene		0.030	J	0.02	0.1	ug/L
P4389-03	E27J4	Water	Naphthalene		0.090	J	0	0.1	ug/L
P4389-03	E27J4	Water	Phenanthrene		0.030	J	0.01	0.1	ug/L
			Total Svoc :				0.32		
			Total Concentration:				0.32		
Client ID : E27J8									
P4389-04	E27J8	Water	Total Alkanes	*	0.000		0.029	0.2	ug/L
			Total Tics :				0.00		
P4389-04	E27J8	Water	Naphthalene		0.070	J	0.0043	0.1	ug/L
			Total Svoc :				0.07		
			Total Concentration:				0.07		



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BM101824 SAS No.: BM101824 SDG No.: BM101824
Instrument ID: _____ Calibration Date(s): 10/18/2024
Calibration Time(s): 17:20

LAB FILE ID:		RRFAL1 = BM048139.D			RRFAL2 = BM048140.D		RRFAL3 = BM048141.D	
		RRFAL4 = BM048142.D			RRFAL5 = BM048143.D		RRFAL6 = BM048144.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane		0.786	0.698	0.634	0.549	0.525	0.639	16.9
1,4-Dioxane-d8		0.627	0.575	0.550	0.491	0.476	0.544	11.4
Naphthalene	1.150	1.079	1.045	1.095	1.066		1.087	3.7
1-Methylnaphthalene	0.780	0.720	0.675	0.714	0.689		0.716	5.6
2-Methylnaphthalene	0.616	0.585	0.600	0.653	0.655		0.622	5.0
Acenaphthylene	1.860	1.817	1.770	1.934	1.857		1.848	3.3
Acenaphthene	1.357	1.314	1.287	1.362	1.282		1.321	2.9
Fluorene	1.424	1.380	1.373	1.472	1.425		1.415	2.8
Pentachlorophenol		0.139	0.123	0.131	0.132	0.147	0.134	6.6
Phenanthrene	1.019	0.960	0.944	1.060	1.072		1.011	5.7
Anthracene	0.977	0.909	0.900	0.994	1.003		0.956	5.1
Fluoranthene	1.647	1.552	1.463	1.601	1.587		1.570	4.4
Pyrene	1.791	1.684	1.583	1.715	1.669		1.688	4.5
Benzo(a)anthracene	1.375	1.132	1.083	1.268	1.302		1.232	9.8
Chrysene	2.312	2.014	1.763	1.713	1.578		1.876	15.5
Benzo(b)fluoranthene	1.887	1.538	1.348	1.435	1.455		1.533	13.7
Benzo(k)fluoranthene	2.275	1.954	1.686	1.754	1.607		1.855	14.4
Benzo(a)pyrene	1.339	1.293	1.198	1.291	1.261		1.276	4.1
Indeno(1,2,3-cd)pyrene	2.192	1.945	1.738	1.872	1.816		1.913	9.1
Dibenzo(a,h)anthracene	1.690	1.482	1.324	1.430	1.378		1.461	9.6
Benzo(g,h,i)perylene	1.859	1.629	1.474	1.552	1.475		1.598	10.0
Fluoranthene-d10	1.160	1.135	1.105	1.211	1.208		1.164	3.9
2-Methylnaphthalene-d10	0.574	0.554	0.535	0.566	0.558		0.558	2.7

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.: BM102124 SAS No.: BM102124 SDG NO.: BM102124

EPA Sample No.: SSTD0.4024 Date Analyzed: Oct 21 2024 12:00AM

Lab File ID: BM048141.D Time Analyzed: 10:58

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	5241	7.801	17248	10.59	9839	14.42
	UPPER LIMIT	10482	8.301	34496	11.089	19678	14.918
	LOWER LIMIT	2620.5	7.301	8624	10.089	4919.5	13.918
	EPA SAMPLE NO.						
01	SBLK042	7505	7.77	23239	10.56	11686	14.41
02	SBLK164	7045	7.77	21885	10.56	10940	14.41
03	SBLK095	6055	7.77	18643	10.56	9383	14.41
04	E27J4	6268	7.77	19356	10.56	10220	14.41
05	E27J8	6138	7.77	18936	10.56	9835	14.40
06	E27G7	6629	7.77	20548	10.56	15743	14.40
07	E27G6	6878	7.77	20729	10.56	13091	14.41
08	E27H1	7463	7.77	23004	10.56	15884	14.40
09	E27H0	6767	7.77	20883	10.56	11139	14.41
10	E27H4	7989	7.77	22706	10.56	16372	14.40
11	E27H4MS	5861	7.78	18565	10.56	15460	14.40
12	E27H4MSD	6732	7.78	21417	10.56	17149	14.41
13	E27G7DL	6510	7.77	20483	10.56	12098	14.41
14	SLCS042	5303	7.81	17773	10.58	10114	14.42
15	SLCS164	5414	7.80	18235	10.58	10344	14.41
16	SLCS095	4687	7.82	16494	10.59	9030	14.42
17	SBLK049	7466	7.77	23449	10.56	11889	14.41
18	SBLK051	7749	7.77	24619	10.56	12581	14.40
19	E27J6	6219	7.77	19421	10.56	10509	14.41
20	E27G9	6554	7.77	20136	10.56	17774	14.40
21	E27H2	6225	7.77	18972	10.55	13408	14.40
22	E27H3	6537	7.77	20241	10.55	16753	14.40
23	E27H8	7685	7.77	23820	10.56	12449	14.40

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM102124 SAS No.: BM102124 SDG NO.: BM102124

EPA Sample No.: SSTD0.4024 Date Analyzed: Oct 22 2024 12:00AM

Lab File ID: BM048141.D Time Analyzed: 02:04

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	5241	7.801	17248	10.59	9839	14.42
UPPER LIMIT	10482	8.301	34496	11.089	19678	14.918
LOWER LIMIT	2620.5	7.301	8624	10.089	4919.5	13.918
EPA SAMPLE NO.						
24 E27J1	6490	7.77	19782	10.56	17912	14.40
25 E27J3	6556	7.77	20030	10.56	10891	14.40
26 E27J7	5878	7.77	17814	10.56	9675	14.40
27 E27H5	6073	7.77	17800	10.55	16417	14.40
28 E27H6	5818	7.77	18416	10.55	14782	14.40
29 E27H7	6225	7.77	19500	10.55	12678	14.40
30 E27H9	5975	7.77	19085	10.56	10343	14.40
31 SLCS051	4889	7.80	16354	10.58	9320	14.41
32 SLCS049	5336	7.80	18236	10.58	10415	14.41
33 SLCS044	8298	7.79	27658	10.57	15461	14.41

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.: BM102124 SAS No.: BM102124 SDG NO.: BM102124

EPA Sample No.: SSTD0.4062 Date Analyzed: Oct 21 2024 12:00AM

Lab File ID: BM048147.D Time Analyzed: 10:58

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	4887	7.809	16439	10.59	9069	14.42
	UPPER LIMIT	9774	8.309	32878	11.09	18138	14.919
	LOWER LIMIT	2443.5	7.309	8219.5	10.09	4534.5	13.919
	EPA SAMPLE NO.						
01	SBLK042	7505	7.77	23239	10.56	11686	14.41
02	SBLK164	7045	7.77	21885	10.56	10940	14.41
03	SBLK095	6055	7.77	18643	10.56	9383	14.41
04	E27J4	6268	7.77	19356	10.56	10220	14.41
05	E27J8	6138	7.77	18936	10.56	9835	14.40
06	E27G7	6629	7.77	20548	10.56	15743	14.40
07	E27G6	6878	7.77	20729	10.56	13091	14.41
08	E27H1	7463	7.77	23004	10.56	15884	14.40
09	E27H0	6767	7.77	20883	10.56	11139	14.41
10	E27H4	7989	7.77	22706	10.56	16372	14.40
11	E27H4MS	5861	7.78	18565	10.56	15460	14.40
12	E27H4MSD	6732	7.78	21417	10.56	17149	14.41
13	E27G7DL	6510	7.77	20483	10.56	12098	14.41
14	SLCS042	5303	7.81	17773	10.58	10114	14.42
15	SLCS164	5414	7.80	18235	10.58	10344	14.41
16	SLCS095	4687	7.82	16494	10.59	9030	14.42

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM102124 SAS No.: BM102124 SDG NO.: BM102124

EPA Sample No.: SSTD0.4062 Date Analyzed: Oct 21 2024 12:00AM

Lab File ID: BM048147.D Time Analyzed: 20:02

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	4887	7.809	16439	10.59	9069	14.42
UPPER LIMIT	9774	8.309	32878	11.09	18138	14.919
LOWER LIMIT	2443.5	7.309	8219.5	10.09	4534.5	13.919
EPA SAMPLE NO.						

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM102124 SAS No.: BM102124 SDG NO.: BM102124

EPA Sample No.: SSTD0.4063 Date Analyzed: Oct 21 2024 12:00AM

Lab File ID: BM048164.D Time Analyzed: 21:50

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	4248	7.822	15241	10.60	8782	14.42
	UPPER LIMIT	8496	8.322	30482	11.1	17564	14.918
	LOWER LIMIT	2124	7.322	7620.5	10.1	4391	13.918
	EPA SAMPLE NO.						
01	SBLK049	7466	7.77	23449	10.56	11889	14.41
02	SBLK051	7749	7.77	24619	10.56	12581	14.40
03	E27J6	6219	7.77	19421	10.56	10509	14.41
04	E27G9	6554	7.77	20136	10.56	17774 *	14.40
05	E27H2	6225	7.77	18972	10.55	13408	14.40
06	E27H3	6537	7.77	20241	10.55	16753	14.40
07	E27H8	7685	7.77	23820	10.56	12449	14.40
08	E27J1	6490	7.77	19782	10.56	17912 *	14.40
09	E27J3	6556	7.77	20030	10.56	10891	14.40
10	E27J7	5878	7.77	17814	10.56	9675	14.40
11	E27H5	6073	7.77	17800	10.55	16417	14.40
12	E27H6	5818	7.77	18416	10.55	14782	14.40
13	E27H7	6225	7.77	19500	10.55	12678	14.40
14	E27H9	5975	7.77	19085	10.56	10343	14.40
15	SLCS051	4889	7.80	16354	10.58	9320	14.41
16	SLCS049	5336	7.80	18236	10.58	10415	14.41
17	SLCS044	8298	7.79	27658	10.57	15461	14.41

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM102124 SAS No.: BM102124 SDG NO.: BM102124

EPA Sample No.: SSTD0.4063 Date Analyzed: Oct 22 2024 12:00AM

Lab File ID: BM048164.D Time Analyzed: 07:30

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	4248	7.822	15241	10.60	8782	14.42
UPPER LIMIT	8496	8.322	30482	11.1	17564	14.918
LOWER LIMIT	2124	7.322	7620.5	10.1	4391	13.918
EPA SAMPLE NO.						

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM102124 SAS No.: BM102124 SDG NO.: BM102124

EPA Sample No.: SSTD0.4024 Date Analyzed: Oct 21 2024 12:00AM

Lab File ID: BM048141.D Time Analyzed: 10:58

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	19041	17.174	17049	21.336	16460	23.598
	UPPER LIMIT	38082	17.674	34098	21.836	32920	24.098
	LOWER LIMIT	9520.5	16.674	8524.5	20.836	8230	23.098
	EPA SAMPLE NO.						
01	SBLK042	22391	17.15	14983	21.35	12059	23.59
02	SBLK164	21010	17.15	14118	21.35	10619	23.59
03	SBLK095	18071	17.15	11852	21.35	7629 *	23.59
04	E27J4	19578	17.15	13526	21.34	9645	23.59
05	E27J8	19118	17.14	12924	21.35	9187	23.59
06	E27G7	23539	17.14	17749	21.32	15165	23.58
07	E27G6	25066	17.15	18082	21.32	15638	23.58
08	E27H1	26066	17.15	19593	21.32	17565	23.57
09	E27H0	23483	17.15	16149	21.32	15206	23.58
10	E27H4	27306	17.14	19494	21.32	17529	23.58
11	E27H4MS	22229	17.15	16810	21.32	16812	23.58
12	E27H4MSD	25571	17.15	19470	21.32	19662	23.58
13	E27G7DL	24473	17.15	20005	21.32	18689	23.58
14	SLCS042	20059	17.17	15656	21.33	16549	23.60
15	SLCS164	20513	17.17	15719	21.33	16448	23.60
16	SLCS095	17593	17.17	13571	21.34	14285	23.60
17	SBLK049	23280	17.15	15788	21.35	12186	23.59
18	SBLK051	24596	17.14	15361	21.35	11978	23.59
19	E27J6	20601	17.14	14547	21.34	10603	23.59
20	E27G9	22637	17.14	16927	21.32	14593	23.58
21	E27H2	22487	17.14	16574	21.32	14903	23.57

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM102124 SAS No.: BM102124 SDG NO.: BM102124

EPA Sample No.: SSTD0.4024 Date Analyzed: Oct 22 2024 12:00AM

Lab File ID: BM048141.D Time Analyzed: 00:51

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	19041	17.174	17049	21.336	16460	23.598
UPPER LIMIT	38082	17.674	34098	21.836	32920	24.098
LOWER LIMIT	9520.5	16.674	8524.5	20.836	8230	23.098
EPA SAMPLE NO.						
22 E27H3	22384	17.14	17682	21.32	14208	23.57
23 E27H8	25413	17.14	18747	21.32	17504	23.58
24 E27J1	22949	17.14	17737	21.31	15076	23.58
25 E27J3	21417	17.14	15836	21.33	13065	23.58
26 E27J7	18705	17.14	13440	21.33	11869	23.58
27 E27H5	20938	17.14	15841	21.31	13367	23.57
28 E27H6	20266	17.14	15746	21.31	13715	23.58
29 E27H7	22015	17.14	17188	21.31	15133	23.57
30 E27H9	20345	17.14	15366	21.32	14477	23.57
31 SLCS051	19068	17.16	14632	21.33	15273	23.59
32 SLCS049	21036	17.17	16234	21.33	17082	23.59
33 SLCS044	31357	17.16	23792	21.33	25126	23.59

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.: BM102124 SAS No.: BM102124 SDG NO.: BM102124

EPA Sample No.: SSTD0.4062 Date Analyzed: Oct 21 2024 12:00AM

Lab File ID: BM048147.D Time Analyzed: 10:58

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	16711	17.175	13202	21.339	14609	23.601
	UPPER LIMIT	33422	17.675	26404	21.839	29218	24.101
	LOWER LIMIT	8355.5	16.675	6601	20.839	7304.5	23.101
	EPA SAMPLE NO.						
01	SBLK042	22391	17.15	14983	21.35	12059	23.59
02	SBLK164	21010	17.15	14118	21.35	10619	23.59
03	SBLK095	18071	17.15	11852	21.35	7629	23.59
04	E27J4	19578	17.15	13526	21.34	9645	23.59
05	E27J8	19118	17.14	12924	21.35	9187	23.59
06	E27G7	23539	17.14	17749	21.32	15165	23.58
07	E27G6	25066	17.15	18082	21.32	15638	23.58
08	E27H1	26066	17.15	19593	21.32	17565	23.57
09	E27H0	23483	17.15	16149	21.32	15206	23.58
10	E27H4	27306	17.14	19494	21.32	17529	23.58
11	E27H4MS	22229	17.15	16810	21.32	16812	23.58
12	E27H4MSD	25571	17.15	19470	21.32	19662	23.58
13	E27G7DL	24473	17.15	20005	21.32	18689	23.58
14	SLCS042	20059	17.17	15656	21.33	16549	23.60
15	SLCS164	20513	17.17	15719	21.33	16448	23.60
16	SLCS095	17593	17.17	13571	21.34	14285	23.60

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM102124 SAS No.: BM102124 SDG NO.: BM102124

EPA Sample No.: SSTD0.4062 Date Analyzed: Oct 21 2024 12:00AM

Lab File ID: BM048147.D Time Analyzed: 20:02

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	16711	17.175	13202	21.339	14609	23.601
UPPER LIMIT	33422	17.675	26404	21.839	29218	24.101
LOWER LIMIT	8355.5	16.675	6601	20.839	7304.5	23.101
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.: BM102124 SAS No.: BM102124 SDG NO.: BM102124

EPA Sample No.: SSTD0.4063 Date Analyzed: Oct 21 2024 12:00AM

Lab File ID: BM048164.D Time Analyzed: 21:50

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	16158	17.182	13600	21.342	14917	23.601
	UPPER LIMIT	32316	17.682	27200	21.842	29834	24.101
	LOWER LIMIT	8079	16.682	6800	20.842	7458.5	23.101
	EPA SAMPLE NO.						
01	SBLK049	23280	17.15	15788	21.35	12186	23.59
02	SBLK051	24596	17.14	15361	21.35	11978	23.59
03	E27J6	20601	17.14	14547	21.34	10603	23.59
04	E27G9	22637	17.14	16927	21.32	14593	23.58
05	E27H2	22487	17.14	16574	21.32	14903	23.57
06	E27H3	22384	17.14	17682	21.32	14208	23.57
07	E27H8	25413	17.14	18747	21.32	17504	23.58
08	E27J1	22949	17.14	17737	21.31	15076	23.58
09	E27J3	21417	17.14	15836	21.33	13065	23.58
10	E27J7	18705	17.14	13440	21.33	11869	23.58
11	E27H5	20938	17.14	15841	21.31	13367	23.57
12	E27H6	20266	17.14	15746	21.31	13715	23.58
13	E27H7	22015	17.14	17188	21.31	15133	23.57
14	E27H9	20345	17.14	15366	21.32	14477	23.57
15	SLCS051	19068	17.16	14632	21.33	15273	23.59
16	SLCS049	21036	17.17	16234	21.33	17082	23.59
17	SLCS044	31357	17.16	23792	21.33	25126	23.59

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM102124 SAS No.: BM102124 SDG NO.: BM102124

EPA Sample No.: SSTD0.4063 Date Analyzed: Oct 22 2024 12:00AM

Lab File ID: BM048164.D Time Analyzed: 07:30

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	16158	17.182	13600	21.342	14917	23.601
UPPER LIMIT	32316	17.682	27200	21.842	29834	24.101
LOWER LIMIT	8079	16.682	6800	20.842	7458.5	23.101
EPA SAMPLE NO.						

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM102124

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB164042BS	1,4-Dioxane	2	1.6	ug/L	80				0	0		
	Naphthalene	0.4	0.31	ug/L	78				0	0		
	1-Methylnaphthalene	0.4	0.36	ug/L	90				0	0		
	2-Methylnaphthalene	0.4	0.32	ug/L	80				0	0		
	Acenaphthylene	0.4	0.31	ug/L	78				0	0		
	Acenaphthene	0.4	0.33	ug/L	83				0	0		
	Fluorene	0.4	0.32	ug/L	80				0	0		
	Pentachlorophenol	0.8	0.62	ug/L	78				0	0		
	Phenanthrene	0.4	0.31	ug/L	78				0	0		
	Anthracene	0.4	0.31	ug/L	78				0	0		
	Fluoranthene	0.4	0.36	ug/L	90				0	0		
	Pyrene	0.4	0.36	ug/L	90				0	0		
	Benzo(a)anthracene	0.4	0.32	ug/L	80				0	0		
	Chrysene	0.4	0.34	ug/L	85				0	0		
	Benzo(b)fluoranthene	0.4	0.29	ug/L	73				0	0		
	Benzo(k)fluoranthene	0.4	0.31	ug/L	78				0	0		
	Benzo(a)pyrene	0.4	0.36	ug/L	90				0	0		
	Indeno(1,2,3-cd)pyrene	0.4	0.31	ug/L	78				0	0		
	Dibenzo(a,h)anthracene	0.4	0.3	ug/L	75				0	0		
	Benzo(g,h,i)perylene	0.4	0.32	ug/L	80				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM102124

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB164044BS	1,4-Dioxane	2	1.6	ug/L	80				0	0		
	Naphthalene	0.4	0.34	ug/L	85				0	0		
	1-Methylnaphthalene	0.4	0.39	ug/L	98				0	0		
	2-Methylnaphthalene	0.4	0.36	ug/L	90				0	0		
	Acenaphthylene	0.4	0.33	ug/L	83				0	0		
	Acenaphthene	0.4	0.36	ug/L	90				0	0		
	Fluorene	0.4	0.36	ug/L	90				0	0		
	Pentachlorophenol	0.8	0.66	ug/L	83				0	0		
	Phenanthrene	0.4	0.35	ug/L	88				0	0		
	Anthracene	0.4	0.35	ug/L	88				0	0		
	Fluoranthene	0.4	0.39	ug/L	98				0	0		
	Pyrene	0.4	0.39	ug/L	98				0	0		
	Benzo(a)anthracene	0.4	0.39	ug/L	98				0	0		
	Chrysene	0.4	0.35	ug/L	88				0	0		
	Benzo(b)fluoranthene	0.4	0.33	ug/L	83				0	0		
	Benzo(k)fluoranthene	0.4	0.32	ug/L	80				0	0		
	Benzo(a)pyrene	0.4	0.39	ug/L	98				0	0		
	Indeno(1,2,3-cd)pyrene	0.4	0.35	ug/L	88				0	0		
	Dibenzo(a,h)anthracene	0.4	0.34	ug/L	85				0	0		
	Benzo(g,h,i)perylene	0.4	0.35	ug/L	88				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM102124

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB164049BS	1,4-Dioxane	2	1.8	ug/L	90				0	0		
	Naphthalene	0.4	0.35	ug/L	88				0	0		
	1-Methylnaphthalene	0.4	0.4	ug/L	100				0	0		
	2-Methylnaphthalene	0.4	0.36	ug/L	90				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	0.36	ug/L	90				0	0		
	Pentachlorophenol	0.8	0.61	ug/L	76				0	0		
	Phenanthrene	0.4	0.35	ug/L	88				0	0		
	Anthracene	0.4	0.35	ug/L	88				0	0		
	Fluoranthene	0.4	0.39	ug/L	98				0	0		
	Pyrene	0.4	0.4	ug/L	100				0	0		
	Benzo(a)anthracene	0.4	0.39	ug/L	98				0	0		
	Chrysene	0.4	0.37	ug/L	93				0	0		
	Benzo(b)fluoranthene	0.4	0.33	ug/L	83				0	0		
	Benzo(k)fluoranthene	0.4	0.33	ug/L	83				0	0		
	Benzo(a)pyrene	0.4	0.4	ug/L	100				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	0.36	ug/L	90				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM102124

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB164051BS	1,4-Dioxane	2	1.9	ug/L	95				0	0		
	Naphthalene	0.4	0.4	ug/L	100				0	0		
	1-Methylnaphthalene	0.4	0.46	ug/L	115				0	0		
	2-Methylnaphthalene	0.4	0.41	ug/L	103				0	0		
	Acenaphthylene	0.4	0.38	ug/L	95				0	0		
	Acenaphthene	0.4	0.41	ug/L	103				0	0		
	Fluorene	0.4	0.4	ug/L	100				0	0		
	Pentachlorophenol	0.8	0.68	ug/L	85				0	0		
	Phenanthrene	0.4	0.39	ug/L	98				0	0		
	Anthracene	0.4	0.39	ug/L	98				0	0		
	Fluoranthene	0.4	0.44	ug/L	110				0	0		
	Pyrene	0.4	0.45	ug/L	113				0	0		
	Benzo(a)anthracene	0.4	0.45	ug/L	113				0	0		
	Chrysene	0.4	0.41	ug/L	103				0	0		
	Benzo(b)fluoranthene	0.4	0.38	ug/L	95				0	0		
	Benzo(k)fluoranthene	0.4	0.37	ug/L	93				0	0		
	Benzo(a)pyrene	0.4	0.45	ug/L	113				0	0		
	Indeno(1,2,3-cd)pyrene	0.4	0.4	ug/L	100				0	0		
	Dibenzo(a,h)anthracene	0.4	0.4	ug/L	100				0	0		
	Benzo(g,h,i)perylene	0.4	0.4	ug/L	100				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM102124

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB164095BS	1,4-Dioxane	2	2.1	ug/L	105				0	0		
	Naphthalene	0.4	0.41	ug/L	103				0	0		
	1-Methylnaphthalene	0.4	0.48	ug/L	120				0	0		
	2-Methylnaphthalene	0.4	0.42	ug/L	105				0	0		
	Acenaphthylene	0.4	0.4	ug/L	100				0	0		
	Acenaphthene	0.4	0.44	ug/L	110				0	0		
	Fluorene	0.4	0.42	ug/L	105				0	0		
	Pentachlorophenol	0.8	0.75	ug/L	94				0	0		
	Phenanthrene	0.4	0.41	ug/L	103				0	0		
	Anthracene	0.4	0.4	ug/L	100				0	0		
	Fluoranthene	0.4	0.47	ug/L	117				0	0		
	Pyrene	0.4	0.48	ug/L	120				0	0		
	Benzo(a)anthracene	0.4	0.41	ug/L	103				0	0		
	Chrysene	0.4	0.45	ug/L	113				0	0		
	Benzo(b)fluoranthene	0.4	0.38	ug/L	95				0	0		
	Benzo(k)fluoranthene	0.4	0.41	ug/L	103				0	0		
	Benzo(a)pyrene	0.4	0.46	ug/L	115				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	0.43	ug/L	108				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM102124

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB164164BS	1,4-Dioxane	2	2.1	ug/L	105				0	0		
	Naphthalene	0.4	0.45	ug/L	113				0	0		
	1-Methylnaphthalene	0.4	0.52	ug/L	130				0	0		
	2-Methylnaphthalene	0.4	0.46	ug/L	115				0	0		
	Acenaphthylene	0.4	0.43	ug/L	108				0	0		
	Acenaphthene	0.4	0.46	ug/L	115				0	0		
	Fluorene	0.4	0.45	ug/L	113				0	0		
	Pentachlorophenol	0.8	0.8	ug/L	100				0	0		
	Phenanthrene	0.4	0.44	ug/L	110				0	0		
	Anthracene	0.4	0.43	ug/L	108				0	0		
	Fluoranthene	0.4	0.49	ug/L	123				0	0		
	Pyrene	0.4	0.5	ug/L	125				0	0		
	Benzo(a)anthracene	0.4	0.45	ug/L	113				0	0		
	Chrysene	0.4	0.48	ug/L	120				0	0		
	Benzo(b)fluoranthene	0.4	0.41	ug/L	103				0	0		
	Benzo(k)fluoranthene	0.4	0.42	ug/L	105				0	0		
	Benzo(a)pyrene	0.4	0.49	ug/L	123				0	0		
	Indeno(1,2,3-cd)pyrene	0.4	0.44	ug/L	110				0	0		
	Dibenzo(a,h)anthracene	0.4	0.42	ug/L	105				0	0		
	Benzo(g,h,i)perylene	0.4	0.45	ug/L	113				0	0		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK042

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM102124

SAS No.: BM102124 SDG NO.: BM102124

Lab File ID: BM048148.D

Lab Sample ID: PB164042BL

Instrument ID: BNA_M

Date Extracted: 10/10/2024

Matrix: (soil/water) Water

Date Analyzed: 10/21/2024

Level: (low/med) LOW

Time Analyzed: 10:58

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E27H4	P4380-01	BM048157.D	10/21/2024
E27H4MS	P4380-02MS	BM048158.D	10/21/2024
E27H4MSD	P4380-03MSD	BM048159.D	10/21/2024
PB164042BS	PB164042BS	BM048161.D	10/21/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

E27H5

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM102124

SAS No.: BM102124 SDG NO.: BM102124

Lab File ID: BM048175.D

Lab Sample ID: P4380-04

Instrument ID: BNA_M

Date Extracted: 10/10/2024

Matrix: (soil/water) Water

Date Analyzed: 10/22/2024

Level: (low/med) LOW

Time Analyzed: 03:52

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E27H5	P4380-04	BM048175.D	10/22/2024
E27H6	P4380-05	BM048176.D	10/22/2024
E27H7	P4380-06	BM048177.D	10/22/2024
E27H9	P4380-07	BM048178.D	10/22/2024
PB164044BS	PB164044BS	BM048181.D	10/22/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK049

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM102124

SAS No.: BM102124 SDG NO.: BM102124

Lab File ID: BM048165.D

Lab Sample ID: PB164049BL

Instrument ID: BNA_M

Date Extracted: 10/10/2024

Matrix: (soil/water) Water

Date Analyzed: 10/21/2024

Level: (low/med) LOW

Time Analyzed: 21:50

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB164049BS	PB164049BS	BM048180.D	10/22/2024
E27J6	P4380-10	BM048167.D	10/21/2024
E27G9	P4380-12	BM048168.D	10/21/2024
E27H2	P4380-13	BM048169.D	10/22/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK051

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM102124

SAS No.: BM102124 SDG NO.: BM102124

Lab File ID: BM048166.D

Lab Sample ID: PB164051BL

Instrument ID: BNA_M

Date Extracted: 10/10/2024

Matrix: (soil/water) Water

Date Analyzed: 10/21/2024

Level: (low/med) LOW

Time Analyzed: 22:27

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB164051BS	PB164051BS	BM048179.D	10/22/2024
E27H3	P4380-14	BM048170.D	10/22/2024
E27H8	P4380-15	BM048171.D	10/22/2024
E27J1	P4380-16	BM048172.D	10/22/2024
E27J3	P4380-17	BM048173.D	10/22/2024
E27J7	P4380-18	BM048174.D	10/22/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK095

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM102124

SAS No.: BM102124 SDG NO.: BM102124

Lab File ID: BM048150.D

Lab Sample ID: PB164095BL

Instrument ID: BNA_M

Date Extracted: 10/11/2024

Matrix: (soil/water) Water

Date Analyzed: 10/21/2024

Level: (low/med) LOW

Time Analyzed: 12:10

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E27G7	P4380-22	BM048153.D	10/21/2024
E27G6	P4380-21	BM048154.D	10/21/2024
PB164095BS	PB164095BS	BM048163.D	10/21/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK164

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM102124

SAS No.: BM102124 SDG NO.: BM102124

Lab File ID: BM048149.D

Lab Sample ID: PB164164BL

Instrument ID: BNA_M

Date Extracted: 10/15/2024

Matrix: (soil/water) Water

Date Analyzed: 10/21/2024

Level: (low/med) LOW

Time Analyzed: 11:34

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E27J4	P4389-03	BM048151.D	10/21/2024
E27J8	P4389-04	BM048152.D	10/21/2024
E27H1	P4389-02	BM048155.D	10/21/2024
E27H0	P4389-01	BM048156.D	10/21/2024
PB164164BS	PB164164BS	BM048162.D	10/21/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM102124

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P4380-02MS	Client Sample ID:	E27H4MS					DataFile:	BM048158.D		
1,4-Dioxane	2		0.64	ug/L	32				15	120	
Naphthalene	0.4	0.05	0.48	ug/L	107				0	0	
1-Methylnaphthalene	0.4		0.54	ug/L	135				0	0	
2-Methylnaphthalene	0.4		0.49	ug/L	123				0	0	
Acenaphthylene	0.4		0.26	ug/L	65				0	0	
Acenaphthene	0.4		0.31	ug/L	78				46	118	
Fluorene	0.4		0.35	ug/L	88				0	0	
Pentachlorophenol	0.8	0.32	1.7	ug/L	173	*			9	103	
Phenanthrene	0.4		0.52	ug/L	130				0	0	
Anthracene	0.4		0.55	ug/L	138				0	0	
Fluoranthene	0.4		0.51	ug/L	128				0	0	
Pyrene	0.4		0.5	ug/L	125				26	127	
Benzo(a)anthracene	0.4		0.58	ug/L	145				0	0	
Chrysene	0.4		0.37	ug/L	93				0	0	
Benzo(b)fluoranthene	0.4		0.44	ug/L	110				0	0	
Benzo(k)fluoranthene	0.4		0.37	ug/L	93				0	0	
Benzo(a)pyrene	0.4		0.45	ug/L	113				0	0	
Indeno(1,2,3-cd)pyrene	0.4		0.43	ug/L	108				0	0	
Dibenzo(a,h)anthracene	0.4		0.44	ug/L	110				0	0	
Benzo(g,h,i)perylene	0.4		0.41	ug/L	103				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM102124

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P4380-03MSD		Client Sample ID: E27H4MSD					DataFile: BM048159.D				
1,4-Dioxane	2		0.65	ug/L	33		3		15	120	50
Naphthalene	0.4	0.05	0.42	ug/L	92		15	*	0	0	0
1-Methylnaphthalene	0.4		0.47	ug/L	117		14	*	0	0	0
2-Methylnaphthalene	0.4		0.43	ug/L	108		13	*	0	0	0
Acenaphthylene	0.4		0.24	ug/L	60		8	*	0	0	0
Acenaphthene	0.4		0.28	ug/L	70		11		46	118	31
Fluorene	0.4		0.3	ug/L	75		16	*	0	0	0
Pentachlorophenol	0.8	0.32	1.5	ug/L	148	*	16		9	103	50
Phenanthrene	0.4		0.45	ug/L	113		14	*	0	0	0
Anthracene	0.4		0.48	ug/L	120		14	*	0	0	0
Fluoranthene	0.4		0.45	ug/L	113		12	*	0	0	0
Pyrene	0.4		0.43	ug/L	108		15		26	127	31
Benzo(a)anthracene	0.4		0.51	ug/L	128		12	*	0	0	0
Chrysene	0.4		0.33	ug/L	83		11	*	0	0	0
Benzo(b)fluoranthene	0.4		0.38	ug/L	95		15	*	0	0	0
Benzo(k)fluoranthene	0.4		0.33	ug/L	83		11	*	0	0	0
Benzo(a)pyrene	0.4		0.39	ug/L	98		14	*	0	0	0
Indeno(1,2,3-cd)pyrene	0.4		0.37	ug/L	93		15	*	0	0	0
Dibenzo(a,h)anthracene	0.4		0.38	ug/L	95		15	*	0	0	0
Benzo(g,h,i)perylene	0.4		0.36	ug/L	90		13	*	0	0	0

Surrogate Summary

SW-846

SDG No.: **BM102124**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4380-01	E27H4	BM048157.D	1,4-Dioxane-d8	8	3.66	46		15	120
			Fluoranthene-d10	0.4	0.41	103		30	130
			2-Methylnaphthalene-d10	0.4	0.35	88		30	130
P4380-02MS	E27H4MS	BM048158.D	1,4-Dioxane-d8	0.8	0.24	31		15	120
			Fluoranthene-d10	0.4	0.51	126		30	130
			2-Methylnaphthalene-d10	0.4	0.44	110		30	130
P4380-03MSD	E27H4MSD	BM048159.D	1,4-Dioxane-d8	0.8	0.23	28		15	120
			Fluoranthene-d10	0.4	0.44	111		30	130
			2-Methylnaphthalene-d10	0.4	0.38	96		30	130
PB164042BL	PB164042BL	BM048148.D	1,4-Dioxane-d8	8	4.22	53		15	120
			Fluoranthene-d10	0.4	0.33	83		30	130
			2-Methylnaphthalene-d10	0.4	0.23	57		30	130
PB164042BS	PB164042BS	BM048161.D	1,4-Dioxane-d8	0.8	0.67	84		15	120
			Fluoranthene-d10	0.4	0.37	93		30	130
			2-Methylnaphthalene-d10	0.4	0.32	79		30	130

Surrogate Summary

SW-846

SDG No.: **BM102124**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4380-04	E27H5	BM048175.D	1,4-Dioxane-d8	8	3.51	44		15	120
			Fluoranthene-d10	0.4	0.47	117		30	130
			2-Methylnaphthalene-d10	0.4	0.40	99		30	130
P4380-05	E27H6	BM048176.D	1,4-Dioxane-d8	8	3.67	46		15	120
			Fluoranthene-d10	0.4	0.43	107		30	130
			2-Methylnaphthalene-d10	0.4	0.41	103		30	130
P4380-06	E27H7	BM048177.D	1,4-Dioxane-d8	8	3.84	48		15	120
			Fluoranthene-d10	0.4	0.42	105		30	130
			2-Methylnaphthalene-d10	0.4	0.33	82		30	130
P4380-07	E27H9	BM048178.D	1,4-Dioxane-d8	8	3.43	43		15	120
			Fluoranthene-d10	0.4	0.38	94		30	130
			2-Methylnaphthalene-d10	0.4	0.28	70		30	130
PB164044BS	PB164044BS	BM048181.D	1,4-Dioxane-d8	0.8	0.66	82		15	120
			Fluoranthene-d10	0.4	0.41	102		30	130
			2-Methylnaphthalene-d10	0.4	0.36	89		30	130

Surrogate Summary

SW-846

SDG No.: **BM102124**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4380-10	E27J6	BM048167.D	1,4-Dioxane-d8	8	4.27	53		15	120
			Fluoranthene-d10	0.4	0.52	129		30	130
			2-Methylnaphthalene-d10	0.4	0.41	103		30	130
P4380-12	E27G9	BM048168.D	1,4-Dioxane-d8	8	4.19	52		15	120
			Fluoranthene-d10	0.4	0.46	115		30	130
			2-Methylnaphthalene-d10	0.4	0.41	102		30	130
P4380-13	E27H2	BM048169.D	1,4-Dioxane-d8	8	4.06	51		15	120
			Fluoranthene-d10	0.4	0.50	125		30	130
			2-Methylnaphthalene-d10	0.4	0.41	103		30	130
PB164049BL	PB164049BL	BM048165.D	1,4-Dioxane-d8	8	4.37	55		15	120
			Fluoranthene-d10	0.4	0.36	90		30	130
			2-Methylnaphthalene-d10	0.4	0.25	63		30	130
PB164049BS	PB164049BS	BM048180.D	1,4-Dioxane-d8	0.8	0.74	92		15	120
			Fluoranthene-d10	0.4	0.42	104		30	130
			2-Methylnaphthalene-d10	0.4	0.36	91		30	130

Surrogate Summary

SW-846

SDG No.: **BM102124**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4380-14	E27H3	BM048170.D	1,4-Dioxane-d8	8	3.70	46		15	120
			Fluoranthene-d10	0.4	0.41	103		30	130
			2-Methylnaphthalene-d10	0.4	0.39	98		30	130
P4380-15	E27H8	BM048171.D	1,4-Dioxane-d8	8	3.17	40		15	120
			Fluoranthene-d10	0.4	0.44	109		30	130
			2-Methylnaphthalene-d10	0.4	0.32	81		30	130
P4380-16	E27J1	BM048172.D	1,4-Dioxane-d8	8	4.43	55		15	120
			Fluoranthene-d10	0.4	0.49	123		30	130
			2-Methylnaphthalene-d10	0.4	0.48	121		30	130
P4380-17	E27J3	BM048173.D	1,4-Dioxane-d8	8	3.92	49		15	120
			Fluoranthene-d10	0.4	0.48	119		30	130
			2-Methylnaphthalene-d10	0.4	0.40	100		30	130
P4380-18	E27J7	BM048174.D	1,4-Dioxane-d8	8	4.17	52		15	120
			Fluoranthene-d10	0.4	0.54	135	*	30	130
			2-Methylnaphthalene-d10	0.4	0.45	111		30	130
PB164051BL	PB164051BL	BM048166.D	1,4-Dioxane-d8	8	4.60	58		15	120
			Fluoranthene-d10	0.4	0.38	95		30	130
			2-Methylnaphthalene-d10	0.4	0.25	62		30	130
PB164051BS	PB164051BS	BM048179.D	1,4-Dioxane-d8	0.8	0.82	102		15	120
			Fluoranthene-d10	0.4	0.46	116		30	130
			2-Methylnaphthalene-d10	0.4	0.41	102		30	130

Surrogate Summary

SW-846

SDG No.: **BM102124**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4380-21	E27G6	BM048154.D	1,4-Dioxane-d8	8	4.07	51		15	120
			Fluoranthene-d10	0.4	0.46	115		30	130
			2-Methylnaphthalene-d10	0.4	0.41	102		30	130
P4380-22	E27G7	BM048153.D	1,4-Dioxane-d8	8	4.10	51		15	120
			Fluoranthene-d10	0.4	0.43	108		30	130
			2-Methylnaphthalene-d10	0.4	0.40	100		30	130
P4380-22DL	E27G7DL	BM048160.D	1,4-Dioxane-d8	8	4.14	52		15	120
			Fluoranthene-d10	0.4	0.40	100		30	130
			2-Methylnaphthalene-d10	0.4	0.38	94		30	130
PB164095BL	PB164095BL	BM048150.D	1,4-Dioxane-d8	8	5.65	71		15	120
			Fluoranthene-d10	0.4	0.44	111		30	130
			2-Methylnaphthalene-d10	0.4	0.31	77		30	130
PB164095BS	PB164095BS	BM048163.D	1,4-Dioxane-d8	0.8	0.85	107		15	120
			Fluoranthene-d10	0.4	0.48	120		30	130
			2-Methylnaphthalene-d10	0.4	0.41	101		30	130

Surrogate Summary

SW-846

SDG No.: **BM102124**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4389-01	E27H0	BM048156.D	1,4-Dioxane-d8	8	3.84	48		15	120
			Fluoranthene-d10	0.4	0.47	117		30	130
			2-Methylnaphthalene-d10	0.4	0.37	91		30	130
P4389-02	E27H1	BM048155.D	1,4-Dioxane-d8	8	3.84	48		15	120
			Fluoranthene-d10	0.4	0.43	106		30	130
			2-Methylnaphthalene-d10	0.4	0.37	93		30	130
P4389-03	E27J4	BM048151.D	1,4-Dioxane-d8	8	4.26	53		15	120
			Fluoranthene-d10	0.4	0.52	130		30	130
			2-Methylnaphthalene-d10	0.4	0.40	99		30	130
P4389-04	E27J8	BM048152.D	1,4-Dioxane-d8	8	4.13	52		15	120
			Fluoranthene-d10	0.4	0.51	128		30	130
			2-Methylnaphthalene-d10	0.4	0.37	92		30	130
PB164164BL	PB164164BL	BM048149.D	1,4-Dioxane-d8	8	4.67	58		15	120
			Fluoranthene-d10	0.4	0.36	89		30	130
			2-Methylnaphthalene-d10	0.4	0.25	63		30	130
PB164164BS	PB164164BS	BM048162.D	1,4-Dioxane-d8	0.8	0.87	108		15	120
			Fluoranthene-d10	0.4	0.51	126		30	130
			2-Methylnaphthalene-d10	0.4	0.44	110		30	130

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM102124

Lab Code: CHEM

SAS No.: BM102124 SDG NO.: BM102124

Lab File ID: BM048146.D

DFTPP Injection Date: 10/21/2024

Instrument ID: BNA_M

DFTPP Injection Time: 09:42

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	31.3
68	Less than 2.0% of mass 69	0.4 (1.4) 1
69	Mass 69 relative abundance	32.8
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	43.3
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	25.5
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	14
442	Greater than 50% of mass 198	87
443	15.0 - 24.0% of mass 442	16.7 (19.2) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTD0.4062	SSTDCCC0.4	BM048147.D	10/21/2024	10:22
SBLK042	PB164042BL	BM048148.D	10/21/2024	10:58
SBLK164	PB164164BL	BM048149.D	10/21/2024	11:34
SBLK095	PB164095BL	BM048150.D	10/21/2024	12:10
E27J4	P4389-03	BM048151.D	10/21/2024	12:47
E27J8	P4389-04	BM048152.D	10/21/2024	13:23
E27G7	P4380-22	BM048153.D	10/21/2024	13:59
E27G6	P4380-21	BM048154.D	10/21/2024	14:35
E27H1	P4389-02	BM048155.D	10/21/2024	15:12
E27H0	P4389-01	BM048156.D	10/21/2024	15:48
E27H4	P4380-01	BM048157.D	10/21/2024	16:24
E27H4MS	P4380-02MS	BM048158.D	10/21/2024	17:00
E27H4MSD	P4380-03MSD	BM048159.D	10/21/2024	17:37
E27G7DL	P4380-22DL	BM048160.D	10/21/2024	18:13
SLCS042	PB164042BS	BM048161.D	10/21/2024	18:49
SLCS164	PB164164BS	BM048162.D	10/21/2024	19:26
SLCS095	PB164095BS	BM048163.D	10/21/2024	20:02
SSTD0.4063	SSTDCCC0.4	BM048164.D	10/21/2024	21:14

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM102124

Lab Code: CHEM

SAS No.: BM102124 SDG NO.: BM102124

Lab File ID: BM048146.D

DFTPP Injection Date: 10/21/2024

Instrument ID: BNA_M

DFTPP Injection Time: 09:42

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	31.3
68	Less than 2.0% of mass 69	0.4 (1.4) 1
69	Mass 69 relative abundance	32.8
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	43.3
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	25.5
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	14
442	Greater than 50% of mass 198	87
443	15.0 - 24.0% of mass 442	16.7 (19.2) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SBLK049	PB164049BL	BM048165.D	10/21/2024	21:50
SBLK051	PB164051BL	BM048166.D	10/21/2024	22:27
E27J6	P4380-10	BM048167.D	10/21/2024	23:03
E27G9	P4380-12	BM048168.D	10/21/2024	23:39
E27H2	P4380-13	BM048169.D	10/22/2024	00:15
E27H3	P4380-14	BM048170.D	10/22/2024	00:51
E27H8	P4380-15	BM048171.D	10/22/2024	01:28
E27J1	P4380-16	BM048172.D	10/22/2024	02:04
E27J3	P4380-17	BM048173.D	10/22/2024	02:40
E27J7	P4380-18	BM048174.D	10/22/2024	03:16
E27H5	P4380-04	BM048175.D	10/22/2024	03:52
E27H6	P4380-05	BM048176.D	10/22/2024	04:29
E27H7	P4380-06	BM048177.D	10/22/2024	05:05
E27H9	P4380-07	BM048178.D	10/22/2024	05:41
SLCS051	PB164051BS	BM048179.D	10/22/2024	06:17
SLCS049	PB164049BS	BM048180.D	10/22/2024	06:53
SLCS044	PB164044BS	BM048181.D	10/22/2024	07:30
SSTD0.4064	SSTDCCC0.4	BM048182.D	10/22/2024	08:42