

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM103124 SAS No.: BM103124 SDG No.: BM103124

Instrument ID: BNA_M Calibration Date/Time: 10/31/2024 : 20:13

Lab File ID: BM048366.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4066 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.533	0.669	0.010	25.473	40.0
1,4-Dioxane-d8	0.491	0.592	0.010	20.4288	40.0
Naphthalene	1.045	1.017	0.600	-2.7061	30.0
1-Methylnaphthalene	0.663	0.659	0.300	-0.5343	30.0
2-Methylnaphthalene	0.622	0.582	0.300	-6.3741	30.0
Acenaphthylene	1.546	1.499	0.900	-3.0823	30.0
Acenaphthene	1.239	1.245	0.500	0.4599	30.0
Fluorene	1.378	1.377	0.700	-0.0941	30.0
Pentachlorophenol	0.111	0.088	0.010	-21.1757	50.0
Phenanthrene	0.994	0.955	0.300	-3.9494	30.0
Anthracene	0.931	0.886	0.400	-4.7846	30.0
Fluoranthene	1.379	1.411	0.400	2.2792	30.0
Pyrene	1.480	1.515	0.500	2.3865	30.0
Benzo (a) anthracene	1.198	1.134	0.400	-5.372	30.0
Chrysene	1.649	1.689	0.400	2.4301	30.0
Benzo (b) fluoranthene	1.367	1.319	0.200	-3.5401	30.0
Benzo (k) fluoranthene	1.618	1.647	0.200	1.7399	30.0
Benzo (a) pyrene	1.284	1.262	0.200	-1.6822	30.0
Indeno (1,2,3-cd) pyrene	1.795	1.693	0.200	-5.683	30.0
Dibenzo (a,h) anthracene	1.400	1.319	0.200	-5.7828	30.0
Benzo (g,h,i) perylene	1.513	1.452	0.200	-4.0354	30.0
Fluoranthene-d10	1.016	1.063	0.400	4.7234	30.0
2-Methylnaphthalene-d10	0.509	0.495	0.300	-2.8188	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.: BM103124 SAS No.: BM103124 SDG No.: BM103124

Instrument ID: BNA_M Calibration Date/Time: 11/1/2024 1:07:43

Lab File ID: BM048384.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4067 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.533	0.649	0.010	21.8053	40.0
1,4-Dioxane-d8	0.491	0.575	0.010	17.0352	40.0
Naphthalene	1.045	1.023	0.600	-2.1171	30.0
1-Methylnaphthalene	0.663	0.669	0.300	0.9373	30.0
2-Methylnaphthalene	0.622	0.600	0.300	-3.5653	30.0
Acenaphthylene	1.546	1.546	0.900	-0.0398	30.0
Acenaphthene	1.239	1.252	0.500	1.0043	30.0
Fluorene	1.378	1.379	0.700	0.1007	30.0
Pentachlorophenol	0.111	0.082	0.010	-26.5049	50.0
Phenanthrene	0.994	0.964	0.300	-3.0164	30.0
Anthracene	0.931	0.882	0.400	-5.2681	30.0
Fluoranthene	1.379	1.475	0.400	6.9436	30.0
Pyrene	1.480	1.579	0.500	6.6938	30.0
Benzo (a) anthracene	1.198	1.186	0.400	-1.0	30.0
Chrysene	1.649	1.689	0.400	2.3969	30.0
Benzo (b) fluoranthene	1.367	1.295	0.200	-5.2648	30.0
Benzo (k) fluoranthene	1.618	1.608	0.200	-0.6593	30.0
Benzo (a) pyrene	1.284	1.264	0.200	-1.526	30.0
Indeno (1,2,3-cd) pyrene	1.795	1.711	0.200	-4.6937	30.0
Dibenzo (a,h) anthracene	1.400	1.337	0.200	-4.479	30.0
Benzo (g,h,i) perylene	1.513	1.455	0.200	-3.8459	30.0
Fluoranthene-d10	1.016	1.099	0.400	8.2624	30.0
2-Methylnaphthalene-d10	0.509	0.501	0.300	-1.5761	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.: BM103124 SAS No.: BM103124 SDG No.: BM103124

Instrument ID: BNA_M Calibration Date/Time: 11/1/2024 1:18:39

Lab File ID: BM048401.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4068 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.533	0.614	0.010	15.1483	40.0
1,4-Dioxane-d8	0.491	0.567	0.010	15.4058	40.0
Naphthalene	1.045	1.017	0.600	-2.739	30.0
1-Methylnaphthalene	0.663	0.670	0.300	1.1441	30.0
2-Methylnaphthalene	0.622	0.599	0.300	-3.652	30.0
Acenaphthylene	1.546	1.520	0.900	-1.7122	30.0
Acenaphthene	1.239	1.256	0.500	1.3601	30.0
Fluorene	1.378	1.362	0.700	-1.1956	30.0
Pentachlorophenol	0.111	0.074	0.010	-33.4505	50.0
Phenanthrene	0.994	0.952	0.300	-4.2926	30.0
Anthracene	0.931	0.868	0.400	-6.6997	30.0
Fluoranthene	1.379	1.547	0.400	12.1778	30.0
Pyrene	1.480	1.647	0.500	11.2823	30.0
Benzo (a) anthracene	1.198	1.116	0.400	-6.8365	30.0
Chrysene	1.649	1.739	0.400	5.4584	30.0
Benzo (b) fluoranthene	1.367	1.312	0.200	-4.0355	30.0
Benzo (k) fluoranthene	1.618	1.649	0.200	1.8689	30.0
Benzo (a) pyrene	1.284	1.264	0.200	-1.5622	30.0
Indeno (1,2,3-cd) pyrene	1.795	1.643	0.200	-8.4731	30.0
Dibenzo (a,h) anthracene	1.400	1.270	0.200	-9.3064	30.0
Benzo (g,h,i) perylene	1.513	1.426	0.200	-5.7453	30.0
Fluoranthene-d10	1.016	1.168	0.400	15.0416	30.0
2-Methylnaphthalene-d10	0.509	0.502	0.300	-1.2931	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.: BM103124 SAS No.: BM103124 SDG No.: BM103124

Instrument ID: BNA_M Calibration Date/Time: 11/2/2024 1:06:13

Lab File ID: BM048419.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD0.4069 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane-d8	0.491	0.615	0.010	25.2415	50.0
1,4-Dioxane	0.533	0.692	0.010	29.785	50.0
Naphthalene	1.045	1.013	0.600	-3.0412	50.0
1-Methylnaphthalene	0.663	0.652	0.300	-1.6245	50.0
2-Methylnaphthalene	0.622	0.582	0.300	-6.4421	50.0
Acenaphthylene	1.546	1.504	0.900	-2.7051	50.0
Acenaphthene	1.239	1.265	0.500	2.0329	50.0
Fluorene	1.378	1.360	0.700	-1.2957	50.0
Pentachlorophenol	0.111	0.077	0.010	-30.8733	50.0
Phenanthrene	0.994	0.951	0.300	-4.3769	50.0
Anthracene	0.931	0.844	0.400	-9.3097	50.0
Fluoranthene	1.379	1.475	0.400	6.9542	50.0
Pyrene	1.480	1.600	0.500	8.1186	50.0
Benzo (a) anthracene	1.198	1.071	0.400	-10.6136	50.0
Chrysene	1.649	1.780	0.400	7.9743	50.0
Benzo (b) fluoranthene	1.367	1.324	0.200	-3.1788	50.0
Benzo (k) fluoranthene	1.618	1.644	0.200	1.599	50.0
Benzo (a) pyrene	1.284	1.248	0.200	-2.7701	50.0
Indeno (1,2,3-cd) pyrene	1.795	1.630	0.200	-9.192	50.0
Dibenzo (a,h) anthracene	1.400	1.252	0.200	-10.5953	50.0
Benzo (g,h,i) perylene	1.513	1.440	0.200	-4.8489	50.0
Fluoranthene-d10	1.016	1.115	0.400	9.805	50.0
2-Methylnaphthalene-d10	0.509	0.483	0.300	-5.1807	50.0

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.: BM103124 SAS No.: BM103124 SDG No.: BM103124

Instrument ID: BNA_M Calibration Date/Time: 10/31/2024 : 14:45

Lab File ID: BM048357.D Init. Calib. Date(s): _____

EPA Sample No.: SICV033 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFICV	MIN RRF	%D	MAX%D
1,4-Dioxane-d8	0.491	0.488	0.010	-0.6127	40.0
1,4-Dioxane	0.533	0.581	0.010	9.0462	40.0
Naphthalene	1.045	1.089	0.600	4.1907	30.0
1-Methylnaphthalene	0.663	0.646	0.300	-2.5944	30.0
2-Methylnaphthalene	0.622	0.648	0.300	4.0939	30.0
Acenaphthylene	1.546	1.727	0.900	11.7119	30.0
Acenaphthene	1.239	1.258	0.500	1.5392	30.0
Fluorene	1.378	1.440	0.700	4.4656	30.0
Pentachlorophenol	0.111	0.111	0.010	0.0842	50.0
Phenanthrene	0.994	1.105	0.300	11.0849	30.0
Anthracene	0.931	1.028	0.400	10.4692	30.0
Fluoranthene	1.379	1.437	0.400	4.1968	30.0
Pyrene	1.480	1.537	0.500	3.8797	30.0
Benzo (a) anthracene	1.198	1.167	0.400	-2.6275	30.0
Chrysene	1.649	1.705	0.400	3.4098	30.0
Benzo (b) fluoranthene	1.367	1.443	0.200	5.5638	30.0
Benzo (k) fluoranthene	1.618	1.731	0.200	6.9832	30.0
Benzo (a) pyrene	1.284	1.373	0.200	6.9893	30.0
Indeno (1,2,3-cd) pyrene	1.795	1.830	0.200	1.9151	30.0
Dibenzo (a,h) anthracene	1.400	1.427	0.200	1.9653	30.0
Benzo (g,h,i) perylene	1.513	1.561	0.200	3.1954	30.0
Fluoranthene-d10	1.016	1.088	0.400	7.1087	30.0
2-Methylnaphthalene-d10	0.509	0.548	0.300	7.7676	30.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	10/26/2024 12:00:00 AM
Project:		Date Received:	10/26/2024 12:00:00 AM
Client Sample ID:	SBLK434	SDG No.:	BM103124
Lab Sample ID:	PB164434BL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048358.D	1	10/26/2024 12:00:00 AM	10/31/2024 12:00:00 AM	PB164434

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.89	U	0.89	0	6.7	ug/Kg
91-20-3	Naphthalene	0.2	U	0.2	0.83	3.3	ug/Kg
90-12-0	1-Methylnaphthalene	0.52	U	0.52	0.83	3.3	ug/Kg
91-57-6	2-Methylnaphthalene	0.19	U	0.19	0.83	3.3	ug/Kg
208-96-8	Acenaphthylene	0.33	U	0.33	0.83	3.3	ug/Kg
83-32-9	Acenaphthene	0.18	U	0.18	0.83	3.3	ug/Kg
86-73-7	Fluorene	0.22	U	0.22	0.83	3.3	ug/Kg
87-86-5	Pentachlorophenol	2	U	2	1.7	6.7	ug/Kg
85-01-8	Phenanthrene	0.18	U	0.18	0.83	3.3	ug/Kg
120-12-7	Anthracene	0.17	U	0.17	0.83	3.3	ug/Kg
206-44-0	Fluoranthene	0.18	U	0.18	0.83	3.3	ug/Kg
129-00-0	Pyrene	0.24	U	0.24	0.83	3.3	ug/Kg
56-55-3	Benzo(a)anthracene	0.09	U	0.09	0.83	3.3	ug/Kg
218-01-9	Chrysene	0.25	U	0.25	0.83	3.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.47	U	0.47	0.83	3.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.32	U	0.32	0.83	3.3	ug/Kg
50-32-8	Benzo(a)pyrene	0.32	U	0.32	0.83	3.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.52	U	0.52	0.83	3.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.47	U	0.47	0.83	3.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	0.75	U	0.75	0.83	3.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.86		15-120		61	SPK: -8
93951-69-0	Fluoranthene-d10	0.338		30-130		84	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.285		20-140		71	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4576		7.712			
1146-65-2	Naphthalene-d8	14380		10.497			
15067-26-2	Acenaphthene-d10	7814		14.354			

Report of Analysis

Client:		Date Collected:	10/26/2024 12:00:00 AM
Project:		Date Received:	10/26/2024 12:00:00 AM
Client Sample ID:	SBLK434	SDG No.:	BM103124
Lab Sample ID:	PB164434BL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048358.D	1	10/26/2024 12:00:00 AM	10/31/2024 12:00:00 AM	PB164434

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15895	17.095				
1719-03-5	Chrysene-d12	13218	21.307				
1520-96-3	Perylene-d12	9816	23.522				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.89	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H26	SDG No.:	BM103124
Lab Sample ID:	P4530-01	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	15.1
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		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
BM048359.D	1	10/26/2024 12:00:00 AM	10/31/2024 12:00:00 AM	PB164434

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1	U	1	0	7.9	ug/Kg
91-20-3	Naphthalene	0.23	U	0.23	0.97	3.9	ug/Kg
90-12-0	1-Methylnaphthalene	0.61	U	0.61	0.97	3.9	ug/Kg
91-57-6	2-Methylnaphthalene	0.22	U	0.22	0.97	3.9	ug/Kg
208-96-8	Acenaphthylene	0.39	U	0.39	0.97	3.9	ug/Kg
83-32-9	Acenaphthene	0.21	U	0.21	0.97	3.9	ug/Kg
86-73-7	Fluorene	0.26	U	0.26	0.97	3.9	ug/Kg
87-86-5	Pentachlorophenol	2.3	U	2.3	2	7.9	ug/Kg
85-01-8	Phenanthrene	0.21	U	0.21	0.97	3.9	ug/Kg
120-12-7	Anthracene	0.2	U	0.2	0.97	3.9	ug/Kg
206-44-0	Fluoranthene	0.21	U	0.21	0.97	3.9	ug/Kg
129-00-0	Pyrene	0.28	U	0.28	0.97	3.9	ug/Kg
56-55-3	Benzo(a)anthracene	0.11	U	0.11	0.97	3.9	ug/Kg
218-01-9	Chrysene	0.29	U	0.29	0.97	3.9	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.55	U	0.55	0.97	3.9	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.38	U	0.38	0.97	3.9	ug/Kg
50-32-8	Benzo(a)pyrene	0.38	U	0.38	0.97	3.9	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.61	U	0.61	0.97	3.9	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.55	U	0.55	0.97	3.9	ug/Kg
191-24-2	Benzo(g,h,i)perylene	0.88	U	0.88	0.97	3.9	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.218		15-120		65	SPK: -8
93951-69-0	Fluoranthene-d10	0.459		30-130		115	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.375		20-140		94	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4905		7.712			
1146-65-2	Naphthalene-d8	15334		10.497			
15067-26-2	Acenaphthene-d10	8137		14.354			

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H26	SDG No.:	BM103124
Lab Sample ID:	P4530-01	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	15.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048359.D	1	10/26/2024 12:00:00 AM	10/31/2024 12:00:00 AM	PB164434

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	16505	17.095				
1719-03-5	Chrysene-d12	14312	21.295				
1520-96-3	Perylene-d12	11630	23.519				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H27	SDG No.:	BM103124
Lab Sample ID:	P4530-02	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	12.3
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		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
BM048360.D	1	10/26/2024 12:00:00 AM	10/31/2024 12:00:00 AM	PB164434

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1	U	1	0	7.6	ug/Kg
91-20-3	Naphthalene	0.23	U	0.23	0.94	3.8	ug/Kg
90-12-0	1-Methylnaphthalene	0.59	U	0.59	0.94	3.8	ug/Kg
91-57-6	2-Methylnaphthalene	0.22	U	0.22	0.94	3.8	ug/Kg
208-96-8	Acenaphthylene	0.38	U	0.38	0.94	3.8	ug/Kg
83-32-9	Acenaphthene	0.21	U	0.21	0.94	3.8	ug/Kg
86-73-7	Fluorene	0.25	U	0.25	0.94	3.8	ug/Kg
87-86-5	Pentachlorophenol	2.3	U	2.3	1.9	7.6	ug/Kg
85-01-8	Phenanthrene	0.21	U	0.21	0.94	3.8	ug/Kg
120-12-7	Anthracene	0.19	U	0.19	0.94	3.8	ug/Kg
206-44-0	Fluoranthene	2.9	J	0.21	0.94	3.8	ug/Kg
129-00-0	Pyrene	3.2	J	0.27	0.94	3.8	ug/Kg
56-55-3	Benzo(a)anthracene	2.1	J	0.11	0.94	3.8	ug/Kg
218-01-9	Chrysene	2.4	J	0.29	0.94	3.8	ug/Kg
205-99-2	Benzo(b)fluoranthene	6.2		0.54	0.94	3.8	ug/Kg
207-08-9	Benzo(k)fluoranthene	2.3	J	0.36	0.94	3.8	ug/Kg
50-32-8	Benzo(a)pyrene	2.3	J	0.36	0.94	3.8	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1.9	J	0.59	0.94	3.8	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.91	J	0.54	0.94	3.8	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2.1	J	0.86	0.94	3.8	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.172		15-120		40	SPK: -8
93951-69-0	Fluoranthene-d10	0.258		30-130		64	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.215		20-140		54	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4781		7.712			
1146-65-2	Naphthalene-d8	15129		10.497			
15067-26-2	Acenaphthene-d10	8203		14.354			

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H27	SDG No.:	BM103124
Lab Sample ID:	P4530-02	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	12.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048360.D	1	10/26/2024 12:00:00 AM	10/31/2024 12:00:00 AM	PB164434

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	16605	17.095				
1719-03-5	Chrysene-d12	15380	21.289				
1520-96-3	Perylene-d12	12627	23.522				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	F7H28	SDG No.:	BM103124
Lab Sample ID:	P4530-04	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	10.4
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		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
BM048361.D	1	10/26/2024 12:00:00 AM	10/31/2024 12:00:00 AM	PB164434

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.99	U	0.99	0	7.5	ug/Kg
91-20-3	Naphthalene	0.22	U	0.22	0.92	3.7	ug/Kg
90-12-0	1-Methylnaphthalene	1.1	J	0.58	0.92	3.7	ug/Kg
91-57-6	2-Methylnaphthalene	2.1	J	0.21	0.92	3.7	ug/Kg
208-96-8	Acenaphthylene	0.37	U	0.37	0.92	3.7	ug/Kg
83-32-9	Acenaphthene	0.2	U	0.2	0.92	3.7	ug/Kg
86-73-7	Fluorene	0.25	U	0.25	0.92	3.7	ug/Kg
87-86-5	Pentachlorophenol	2.2	U	2.2	1.9	7.5	ug/Kg
85-01-8	Phenanthrene	0.2	U	0.2	0.92	3.7	ug/Kg
120-12-7	Anthracene	0.19	U	0.19	0.92	3.7	ug/Kg
206-44-0	Fluoranthene	2.5	J	0.2	0.92	3.7	ug/Kg
129-00-0	Pyrene	4.1		0.27	0.92	3.7	ug/Kg
56-55-3	Benzo(a)anthracene	3.6	J	0.1	0.92	3.7	ug/Kg
218-01-9	Chrysene	2.1	J	0.28	0.92	3.7	ug/Kg
205-99-2	Benzo(b)fluoranthene	7.6		0.52	0.92	3.7	ug/Kg
207-08-9	Benzo(k)fluoranthene	3.2	J	0.36	0.92	3.7	ug/Kg
50-32-8	Benzo(a)pyrene	3.7		0.36	0.92	3.7	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2.3	J	0.58	0.92	3.7	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.82	J	0.52	0.92	3.7	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2.6	J	0.84	0.92	3.7	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.781		15-120		60	SPK: -8
93951-69-0	Fluoranthene-d10	0.411		30-130		103	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.342		20-140		86	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5006		7.712			
1146-65-2	Naphthalene-d8	16087		10.497			
15067-26-2	Acenaphthene-d10	8718		14.354			

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	F7H28	SDG No.:	BM103124
Lab Sample ID:	P4530-04	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	10.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048361.D	1	10/26/2024 12:00:00 AM	10/31/2024 12:00:00 AM	PB164434

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	18048	17.095				
1719-03-5	Chrysene-d12	16109	21.286				
1520-96-3	Perylene-d12	13720	23.519				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	F7H29	SDG No.:	BM103124
Lab Sample ID:	P4530-05	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	13.5
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	Level :
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048362.D	1	10/26/2024 12:00:00 AM	10/31/2024 12:00:00 AM	PB164434

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1	U	1	0	7.7	ug/Kg
91-20-3	Naphthalene	0.23	U	0.23	0.95	3.8	ug/Kg
90-12-0	1-Methylnaphthalene	0.6	U	0.6	0.95	3.8	ug/Kg
91-57-6	2-Methylnaphthalene	0.22	U	0.22	0.95	3.8	ug/Kg
208-96-8	Acenaphthylene	0.38	U	0.38	0.95	3.8	ug/Kg
83-32-9	Acenaphthene	0.21	U	0.21	0.95	3.8	ug/Kg
86-73-7	Fluorene	0.25	U	0.25	0.95	3.8	ug/Kg
87-86-5	Pentachlorophenol	2.3	U	2.3	1.9	7.7	ug/Kg
85-01-8	Phenanthrene	0.21	U	0.21	0.95	3.8	ug/Kg
120-12-7	Anthracene	0.2	U	0.2	0.95	3.8	ug/Kg
206-44-0	Fluoranthene	0.21	U	0.21	0.95	3.8	ug/Kg
129-00-0	Pyrene	0.28	U	0.28	0.95	3.8	ug/Kg
56-55-3	Benzo(a)anthracene	0.11	U	0.11	0.95	3.8	ug/Kg
218-01-9	Chrysene	0.29	U	0.29	0.95	3.8	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.54	U	0.54	0.95	3.8	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.37	U	0.37	0.95	3.8	ug/Kg
50-32-8	Benzo(a)pyrene	0.37	U	0.37	0.95	3.8	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.6	U	0.6	0.95	3.8	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.54	U	0.54	0.95	3.8	ug/Kg
191-24-2	Benzo(g,h,i)perylene	0.86	U	0.86	0.95	3.8	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.487		15-120		44	SPK: -8
93951-69-0	Fluoranthene-d10	0.275		30-130		69	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.235		20-140		59	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4375		7.712			
1146-65-2	Naphthalene-d8	14058		10.495			
15067-26-2	Acenaphthene-d10	7706		14.353			

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	F7H29	SDG No.:	BM103124
Lab Sample ID:	P4530-05	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	13.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048362.D	1	10/26/2024 12:00:00 AM	10/31/2024 12:00:00 AM	PB164434

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15720	17.098				
1719-03-5	Chrysene-d12	14065	21.295				
1520-96-3	Perylene-d12	11406	23.522				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	F7H30	SDG No.:	BM103124
Lab Sample ID:	P4530-06	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	17.9
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		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
BM048363.D	1	10/26/2024 12:00:00 AM	10/31/2024 12:00:00 AM	PB164434

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.1	U	1.1	0	8.2	ug/Kg
91-20-3	Naphthalene	0.24	U	0.24	1	4	ug/Kg
90-12-0	1-Methylnaphthalene	0.63	U	0.63	1	4	ug/Kg
91-57-6	2-Methylnaphthalene	0.23	U	0.23	1	4	ug/Kg
208-96-8	Acenaphthylene	0.4	U	0.4	1	4	ug/Kg
83-32-9	Acenaphthene	0.22	U	0.22	1	4	ug/Kg
86-73-7	Fluorene	0.27	U	0.27	1	4	ug/Kg
87-86-5	Pentachlorophenol	2.4	U	2.4	2	8.2	ug/Kg
85-01-8	Phenanthrene	0.22	U	0.22	1	4	ug/Kg
120-12-7	Anthracene	0.21	U	0.21	1	4	ug/Kg
206-44-0	Fluoranthene	0.22	U	0.22	1	4	ug/Kg
129-00-0	Pyrene	0.29	U	0.29	1	4	ug/Kg
56-55-3	Benzo(a)anthracene	0.11	U	0.11	1	4	ug/Kg
218-01-9	Chrysene	0.3	U	0.3	1	4	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.57	U	0.57	1	4	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.39	U	0.39	1	4	ug/Kg
50-32-8	Benzo(a)pyrene	0.39	U	0.39	1	4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.63	U	0.63	1	4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.57	U	0.57	1	4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	0.91	U	0.91	1	4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.198		15-120		65	SPK: -8
93951-69-0	Fluoranthene-d10	0.414		30-130		103	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.366		20-140		91	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4625		7.712			
1146-65-2	Naphthalene-d8	14740		10.497			
15067-26-2	Acenaphthene-d10	8070		14.354			

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	F7H30	SDG No.:	BM103124
Lab Sample ID:	P4530-06	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	17.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048363.D	1	10/26/2024 12:00:00 AM	10/31/2024 12:00:00 AM	PB164434

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	16687	17.095				
1719-03-5	Chrysene-d12	14426	21.295				
1520-96-3	Perylene-d12	11742	23.522				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	F7H31	SDG No.:	BM103124
Lab Sample ID:	P4530-07	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	11.1
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048364.D	1	10/26/2024 12:00:00 AM	10/31/2024 12:00:00 AM	PB164434

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1	U	1	0	7.5	ug/Kg
91-20-3	Naphthalene	0.22	U	0.22	0.92	3.7	ug/Kg
90-12-0	1-Methylnaphthalene	0.58	U	0.58	0.92	3.7	ug/Kg
91-57-6	2-Methylnaphthalene	0.21	U	0.21	0.92	3.7	ug/Kg
208-96-8	Acenaphthylene	0.37	U	0.37	0.92	3.7	ug/Kg
83-32-9	Acenaphthene	0.2	U	0.2	0.92	3.7	ug/Kg
86-73-7	Fluorene	0.25	U	0.25	0.92	3.7	ug/Kg
87-86-5	Pentachlorophenol	2.2	U	2.2	1.9	7.5	ug/Kg
85-01-8	Phenanthrene	0.2	U	0.2	0.92	3.7	ug/Kg
120-12-7	Anthracene	0.19	U	0.19	0.92	3.7	ug/Kg
206-44-0	Fluoranthene	2	J	0.2	0.92	3.7	ug/Kg
129-00-0	Pyrene	3.2	J	0.27	0.92	3.7	ug/Kg
56-55-3	Benzo(a)anthracene	2.7	J	0.1	0.92	3.7	ug/Kg
218-01-9	Chrysene	1.8	J	0.28	0.92	3.7	ug/Kg
205-99-2	Benzo(b)fluoranthene	6.2		0.53	0.92	3.7	ug/Kg
207-08-9	Benzo(k)fluoranthene	2.4	J	0.36	0.92	3.7	ug/Kg
50-32-8	Benzo(a)pyrene	3.1	J	0.36	0.92	3.7	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2.1	J	0.58	0.92	3.7	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.9	J	0.53	0.92	3.7	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2.4	J	0.84	0.92	3.7	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.057		15-120		38	SPK: -8
93951-69-0	Fluoranthene-d10	0.275		30-130		69	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.222		20-140		56	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4556		7.712			
1146-65-2	Naphthalene-d8	14390		10.497			
15067-26-2	Acenaphthene-d10	7803		14.354			

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	F7H31	SDG No.:	BM103124
Lab Sample ID:	P4530-07	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	11.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048364.D	1	10/26/2024 12:00:00 AM	10/31/2024 12:00:00 AM	PB164434

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15818	17.095				
1719-03-5	Chrysene-d12	13899	21.292				
1520-96-3	Perylene-d12	11427	23.519				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/26/2024 12:00:00 AM
Project:		Date Received:	10/26/2024 12:00:00 AM
Client Sample ID:	SLCS434	SDG No.:	BM103124
Lab Sample ID:	PB164434BS	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048365.D	1	10/26/2024 12:00:00 AM	10/31/2024 12:00:00 AM	PB164434

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	65		0.89	0	6.7	ug/Kg
91-20-3	Naphthalene	9.8		0.2	0.83	3.3	ug/Kg
90-12-0	1-Methylnaphthalene	12		0.52	0.83	3.3	ug/Kg
91-57-6	2-Methylnaphthalene	8.9		0.19	0.83	3.3	ug/Kg
208-96-8	Acenaphthylene	9.4		0.33	0.83	3.3	ug/Kg
83-32-9	Acenaphthene	9.8		0.18	0.83	3.3	ug/Kg
86-73-7	Fluorene	9.2		0.22	0.83	3.3	ug/Kg
87-86-5	Pentachlorophenol	19		2	1.7	6.7	ug/Kg
85-01-8	Phenanthrene	9.2		0.18	0.83	3.3	ug/Kg
120-12-7	Anthracene	9.1		0.17	0.83	3.3	ug/Kg
206-44-0	Fluoranthene	11		0.18	0.83	3.3	ug/Kg
129-00-0	Pyrene	11		0.24	0.83	3.3	ug/Kg
56-55-3	Benzo(a)anthracene	10		0.09	0.83	3.3	ug/Kg
218-01-9	Chrysene	11		0.25	0.83	3.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	10		0.47	0.83	3.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	11		0.32	0.83	3.3	ug/Kg
50-32-8	Benzo(a)pyrene	10		0.32	0.83	3.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	10		0.52	0.83	3.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	10		0.47	0.83	3.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	11		0.75	0.83	3.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.734		15-120		92	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.36		30-130		90	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.318		20-140		79	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3125	7.771				
1146-65-2	Naphthalene-d8	11062	10.545				
15067-26-2	Acenaphthene-d10	6627	14.371				

Report of Analysis

Client:		Date Collected:	10/26/2024 12:00:00 AM
Project:		Date Received:	10/26/2024 12:00:00 AM
Client Sample ID:	SLCS434	SDG No.:	BM103124
Lab Sample ID:	PB164434BS	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048365.D	1	10/26/2024 12:00:00 AM	10/31/2024 12:00:00 AM	PB164434

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13935	17.132				
1719-03-5	Chrysene-d12	13180	21.295				
1520-96-3	Perylene-d12	13622	23.537				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.89	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/26/2024 12:00:00 AM
Project:		Date Received:	10/26/2024 12:00:00 AM
Client Sample ID:	SBLK434	SDG No.:	BM103124
Lab Sample ID:	PB164434BL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048367.D	1	10/26/2024 12:00:00 AM	10/31/2024 12:00:00 AM	PB164434

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.89	U	0.89	0	6.7	ug/Kg
91-20-3	Naphthalene	0.2	U	0.2	0.83	3.3	ug/Kg
90-12-0	1-Methylnaphthalene	0.52	U	0.52	0.83	3.3	ug/Kg
91-57-6	2-Methylnaphthalene	0.19	U	0.19	0.83	3.3	ug/Kg
208-96-8	Acenaphthylene	0.33	U	0.33	0.83	3.3	ug/Kg
83-32-9	Acenaphthene	0.18	U	0.18	0.83	3.3	ug/Kg
86-73-7	Fluorene	0.22	U	0.22	0.83	3.3	ug/Kg
87-86-5	Pentachlorophenol	2	U	2	1.7	6.7	ug/Kg
85-01-8	Phenanthrene	0.18	U	0.18	0.83	3.3	ug/Kg
120-12-7	Anthracene	0.17	U	0.17	0.83	3.3	ug/Kg
206-44-0	Fluoranthene	0.18	U	0.18	0.83	3.3	ug/Kg
129-00-0	Pyrene	0.24	U	0.24	0.83	3.3	ug/Kg
56-55-3	Benzo(a)anthracene	0.09	U	0.09	0.83	3.3	ug/Kg
218-01-9	Chrysene	0.25	U	0.25	0.83	3.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.47	U	0.47	0.83	3.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.32	U	0.32	0.83	3.3	ug/Kg
50-32-8	Benzo(a)pyrene	0.32	U	0.32	0.83	3.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.52	U	0.52	0.83	3.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.47	U	0.47	0.83	3.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	0.75	U	0.75	0.83	3.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.851		15-120		61	SPK: -8
93951-69-0	Fluoranthene-d10	0.343		30-130		86	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.284		20-140		71	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4589		7.712			
1146-65-2	Naphthalene-d8	14926		10.495			
15067-26-2	Acenaphthene-d10	8298		14.353			

Report of Analysis

Client:		Date Collected:	10/26/2024 12:00:00 AM
Project:		Date Received:	10/26/2024 12:00:00 AM
Client Sample ID:	SBLK434	SDG No.:	BM103124
Lab Sample ID:	PB164434BL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048367.D	1	10/26/2024 12:00:00 AM	10/31/2024 12:00:00 AM	PB164434

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	17254	17.094				
1719-03-5	Chrysene-d12	14264	21.301				
1520-96-3	Perylene-d12	10140	23.519				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.89	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	F7H32	SDG No.:	BM103124
Lab Sample ID:	P4530-08	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	20.3
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		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
BM048368.D	1	10/26/2024 12:00:00 AM	10/31/2024 12:00:00 AM	PB164434

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.1	U	1.1	0	8.4	ug/Kg
91-20-3	Naphthalene	0.25	U	0.25	1	4.1	ug/Kg
90-12-0	1-Methylnaphthalene	0.65	U	0.65	1	4.1	ug/Kg
91-57-6	2-Methylnaphthalene	0.24	U	0.24	1	4.1	ug/Kg
208-96-8	Acenaphthylene	0.41	U	0.41	1	4.1	ug/Kg
83-32-9	Acenaphthene	0.23	U	0.23	1	4.1	ug/Kg
86-73-7	Fluorene	0.28	U	0.28	1	4.1	ug/Kg
87-86-5	Pentachlorophenol	2.5	U	2.5	2.1	8.4	ug/Kg
85-01-8	Phenanthrene	0.23	U	0.23	1	4.1	ug/Kg
120-12-7	Anthracene	0.21	U	0.21	1	4.1	ug/Kg
206-44-0	Fluoranthene	0.23	U	0.23	1	4.1	ug/Kg
129-00-0	Pyrene	0.3	U	0.3	1	4.1	ug/Kg
56-55-3	Benzo(a)anthracene	0.12	U	0.12	1	4.1	ug/Kg
218-01-9	Chrysene	0.31	U	0.31	1	4.1	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.59	U	0.59	1	4.1	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.4	U	0.4	1	4.1	ug/Kg
50-32-8	Benzo(a)pyrene	0.4	U	0.4	1	4.1	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.65	U	0.65	1	4.1	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.59	U	0.59	1	4.1	ug/Kg
191-24-2	Benzo(g,h,i)perylene	0.94	U	0.94	1	4.1	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.99		15-120		37	SPK: -8
93951-69-0	Fluoranthene-d10	0.264		30-130		66	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.202		20-140		50	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4332		7.712			
1146-65-2	Naphthalene-d8	13652		10.495			
15067-26-2	Acenaphthene-d10	7554		14.353			

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	F7H32	SDG No.:	BM103124
Lab Sample ID:	P4530-08	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	20.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048368.D	1	10/26/2024 12:00:00 AM	10/31/2024 12:00:00 AM	PB164434

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15554	17.098				
1719-03-5	Chrysene-d12	13257	21.301				
1520-96-3	Perylene-d12	10453	23.519				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	F7H33	SDG No.:	BM103124
Lab Sample ID:	P4530-09	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	12.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048369.D	1	10/26/2024 12:00:00 AM	10/31/2024 12:00:00 AM	PB164434

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1	U	1	0	7.6	ug/Kg
91-20-3	Naphthalene	0.23	U	0.23	0.94	3.7	ug/Kg
90-12-0	1-Methylnaphthalene	0.59	U	0.59	0.94	3.7	ug/Kg
91-57-6	2-Methylnaphthalene	0.22	U	0.22	0.94	3.7	ug/Kg
208-96-8	Acenaphthylene	0.37	U	0.37	0.94	3.7	ug/Kg
83-32-9	Acenaphthene	0.2	U	0.2	0.94	3.7	ug/Kg
86-73-7	Fluorene	0.25	U	0.25	0.94	3.7	ug/Kg
87-86-5	Pentachlorophenol	2.3	U	2.3	1.9	7.6	ug/Kg
85-01-8	Phenanthrene	0.2	U	0.2	0.94	3.7	ug/Kg
120-12-7	Anthracene	0.19	U	0.19	0.94	3.7	ug/Kg
206-44-0	Fluoranthene	0.2	U	0.2	0.94	3.7	ug/Kg
129-00-0	Pyrene	0.27	U	0.27	0.94	3.7	ug/Kg
56-55-3	Benzo(a)anthracene	0.11	U	0.11	0.94	3.7	ug/Kg
218-01-9	Chrysene	0.28	U	0.28	0.94	3.7	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.53	U	0.53	0.94	3.7	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.36	U	0.36	0.94	3.7	ug/Kg
50-32-8	Benzo(a)pyrene	0.36	U	0.36	0.94	3.7	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.59	U	0.59	0.94	3.7	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.53	U	0.53	0.94	3.7	ug/Kg
191-24-2	Benzo(g,h,i)perylene	0.85	U	0.85	0.94	3.7	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.467		15-120		43	SPK: -8
93951-69-0	Fluoranthene-d10	0.289		30-130		72	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.235		20-140		59	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4476	7.712				
1146-65-2	Naphthalene-d8	14353	10.495				
15067-26-2	Acenaphthene-d10	7991	14.353				

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	F7H33	SDG No.:	BM103124
Lab Sample ID:	P4530-09	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	12.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048369.D	1	10/26/2024 12:00:00 AM	10/31/2024 12:00:00 AM	PB164434

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	16937	17.094				
1719-03-5	Chrysene-d12	15117	21.295				
1520-96-3	Perylene-d12	12778	23.519				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	F7H34	SDG No.:	BM103124
Lab Sample ID:	P4530-10	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	14
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048370.D	1	10/26/2024 12:00:00 AM	10/31/2024 12:00:00 AM	PB164434

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1	U	1	0	7.8	ug/Kg
91-20-3	Naphthalene	0.23	U	0.23	0.96	3.8	ug/Kg
90-12-0	1-Methylnaphthalene	0.6	U	0.6	0.96	3.8	ug/Kg
91-57-6	2-Methylnaphthalene	0.22	U	0.22	0.96	3.8	ug/Kg
208-96-8	Acenaphthylene	0.38	U	0.38	0.96	3.8	ug/Kg
83-32-9	Acenaphthene	0.21	U	0.21	0.96	3.8	ug/Kg
86-73-7	Fluorene	0.25	U	0.25	0.96	3.8	ug/Kg
87-86-5	Pentachlorophenol	2.3	U	2.3	1.9	7.8	ug/Kg
85-01-8	Phenanthrene	0.21	U	0.21	0.96	3.8	ug/Kg
120-12-7	Anthracene	0.2	U	0.2	0.96	3.8	ug/Kg
206-44-0	Fluoranthene	0.21	U	0.21	0.96	3.8	ug/Kg
129-00-0	Pyrene	0.28	U	0.28	0.96	3.8	ug/Kg
56-55-3	Benzo(a)anthracene	0.11	U	0.11	0.96	3.8	ug/Kg
218-01-9	Chrysene	0.29	U	0.29	0.96	3.8	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.54	U	0.54	0.96	3.8	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.37	U	0.37	0.96	3.8	ug/Kg
50-32-8	Benzo(a)pyrene	0.37	U	0.37	0.96	3.8	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.6	U	0.6	0.96	3.8	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.54	U	0.54	0.96	3.8	ug/Kg
191-24-2	Benzo(g,h,i)perylene	0.87	U	0.87	0.96	3.8	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.73		15-120		47	SPK: -8
93951-69-0	Fluoranthene-d10	0.313		30-130		78	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.262		20-140		65	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4153		7.712			
1146-65-2	Naphthalene-d8	13270		10.495			
15067-26-2	Acenaphthene-d10	7397		14.353			

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	F7H34	SDG No.:	BM103124
Lab Sample ID:	P4530-10	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	14
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048370.D	1	10/26/2024 12:00:00 AM	10/31/2024 12:00:00 AM	PB164434

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15612	17.094				
1719-03-5	Chrysene-d12	13605	21.298				
1520-96-3	Perylene-d12	12015	23.519				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H38	SDG No.:	BM103124
Lab Sample ID:	P4530-11	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	8.2
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048371.D	1	10/26/2024 12:00:00 AM	10/31/2024 12:00:00 AM	PB164434

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.97	U	0.97	0	7.3	ug/Kg
91-20-3	Naphthalene	0.22	U	0.22	0.9	3.6	ug/Kg
90-12-0	1-Methylnaphthalene	0.57	U	0.57	0.9	3.6	ug/Kg
91-57-6	2-Methylnaphthalene	0.21	U	0.21	0.9	3.6	ug/Kg
208-96-8	Acenaphthylene	0.36	U	0.36	0.9	3.6	ug/Kg
83-32-9	Acenaphthene	0.2	U	0.2	0.9	3.6	ug/Kg
86-73-7	Fluorene	0.24	U	0.24	0.9	3.6	ug/Kg
87-86-5	Pentachlorophenol	2.2	U	2.2	1.8	7.3	ug/Kg
85-01-8	Phenanthrene	0.2	U	0.2	0.9	3.6	ug/Kg
120-12-7	Anthracene	0.19	U	0.19	0.9	3.6	ug/Kg
206-44-0	Fluoranthene	0.2	U	0.2	0.9	3.6	ug/Kg
129-00-0	Pyrene	0.26	U	0.26	0.9	3.6	ug/Kg
56-55-3	Benzo(a)anthracene	0.1	U	0.1	0.9	3.6	ug/Kg
218-01-9	Chrysene	0.27	U	0.27	0.9	3.6	ug/Kg
205-99-2	Benzo(b)fluoranthene	1.4	J	0.51	0.9	3.6	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.87	J	0.35	0.9	3.6	ug/Kg
50-32-8	Benzo(a)pyrene	0.35	U	0.35	0.9	3.6	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.57	U	0.57	0.9	3.6	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.51	U	0.51	0.9	3.6	ug/Kg
191-24-2	Benzo(g,h,i)perylene	0.82	U	0.82	0.9	3.6	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.427		15-120		43	SPK: -8
93951-69-0	Fluoranthene-d10	0.277		30-130		69	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.231		20-140		58	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4594		7.708			
1146-65-2	Naphthalene-d8	14765		10.495			
15067-26-2	Acenaphthene-d10	8083		14.353			

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H38	SDG No.:	BM103124
Lab Sample ID:	P4530-11	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	8.2
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048371.D	1	10/26/2024 12:00:00 AM	10/31/2024 12:00:00 AM	PB164434

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	17277	17.093				
1719-03-5	Chrysene-d12	14744	21.295				
1520-96-3	Perylene-d12	12049	23.519				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.97	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H39	SDG No.:	BM103124
Lab Sample ID:	P4530-12	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	14.8
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048372.D	1	10/26/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164434

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1	U	1	0	7.8	ug/Kg
91-20-3	Naphthalene	2	J	0.23	0.97	3.9	ug/Kg
90-12-0	1-Methylnaphthalene	0.61	U	0.61	0.97	3.9	ug/Kg
91-57-6	2-Methylnaphthalene	0.22	U	0.22	0.97	3.9	ug/Kg
208-96-8	Acenaphthylene	15		0.39	0.97	3.9	ug/Kg
83-32-9	Acenaphthene	0.21	U	0.21	0.97	3.9	ug/Kg
86-73-7	Fluorene	1.1	J	0.26	0.97	3.9	ug/Kg
87-86-5	Pentachlorophenol	2.3	U	2.3	2	7.8	ug/Kg
85-01-8	Phenanthrene	8.2		0.21	0.97	3.9	ug/Kg
120-12-7	Anthracene	56		0.2	0.97	3.9	ug/Kg
206-44-0	Fluoranthene	150	E	0.21	0.97	3.9	ug/Kg
129-00-0	Pyrene	170	E	0.28	0.97	3.9	ug/Kg
56-55-3	Benzo(a)anthracene	110	E	0.11	0.97	3.9	ug/Kg
218-01-9	Chrysene	100	E	0.29	0.97	3.9	ug/Kg
205-99-2	Benzo(b)fluoranthene	200	E	0.55	0.97	3.9	ug/Kg
207-08-9	Benzo(k)fluoranthene	56		0.37	0.97	3.9	ug/Kg
50-32-8	Benzo(a)pyrene	110	E	0.37	0.97	3.9	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	55		0.61	0.97	3.9	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	16		0.55	0.97	3.9	ug/Kg
191-24-2	Benzo(g,h,i)perylene	59		0.88	0.97	3.9	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.223		15-120		53	SPK: -8
93951-69-0	Fluoranthene-d10	0.328		30-130		82	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.294		20-140		74	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4344		7.712			
1146-65-2	Naphthalene-d8	13841		10.496			
15067-26-2	Acenaphthene-d10	7525		14.35			

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H39	SDG No.:	BM103124
Lab Sample ID:	P4530-12	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	14.8
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048372.D	1	10/26/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164434

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15871	17.096				
1719-03-5	Chrysene-d12	14709	21.272				
1520-96-3	Perylene-d12	12942	23.511				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H40	SDG No.:	BM103124
Lab Sample ID:	P4530-13	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	17.1
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048373.D	1	10/26/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164434

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.1	U	1.1	0	8.1	ug/Kg
91-20-3	Naphthalene	0.24	U	0.24	1	4	ug/Kg
90-12-0	1-Methylnaphthalene	0.63	U	0.63	1	4	ug/Kg
91-57-6	2-Methylnaphthalene	0.23	U	0.23	1	4	ug/Kg
208-96-8	Acenaphthylene	1.3	J	0.4	1	4	ug/Kg
83-32-9	Acenaphthene	0.22	U	0.22	1	4	ug/Kg
86-73-7	Fluorene	0.27	U	0.27	1	4	ug/Kg
87-86-5	Pentachlorophenol	2.4	U	2.4	2	8.1	ug/Kg
85-01-8	Phenanthrene	1.4	J	0.22	1	4	ug/Kg
120-12-7	Anthracene	8.4		0.21	1	4	ug/Kg
206-44-0	Fluoranthene	13		0.22	1	4	ug/Kg
129-00-0	Pyrene	15		0.29	1	4	ug/Kg
56-55-3	Benzo(a)anthracene	8.4		0.11	1	4	ug/Kg
218-01-9	Chrysene	6.4		0.3	1	4	ug/Kg
205-99-2	Benzo(b)fluoranthene	13		0.57	1	4	ug/Kg
207-08-9	Benzo(k)fluoranthene	4.1		0.39	1	4	ug/Kg
50-32-8	Benzo(a)pyrene	6.6		0.39	1	4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	3.8	J	0.63	1	4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1.3	J	0.57	1	4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	4.3		0.9	1	4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.595		15-120		45	SPK: -8
93951-69-0	Fluoranthene-d10	0.291		30-130		73	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.248		20-140		62	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4476		7.712			
1146-65-2	Naphthalene-d8	14393		10.497			
15067-26-2	Acenaphthene-d10	7823		14.349			

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H40	SDG No.:	BM103124
Lab Sample ID:	P4530-13	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	17.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048373.D	1	10/26/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164434

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	16235	17.095				
1719-03-5	Chrysene-d12	13999	21.283				
1520-96-3	Perylene-d12	12623	23.516				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	F7H41	SDG No.:	BM103124
Lab Sample ID:	P4530-14	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	9.2
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048374.D	1	10/26/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164434

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.98	U	0.98	0	7.4	ug/Kg
91-20-3	Naphthalene	0.22	U	0.22	0.91	3.6	ug/Kg
90-12-0	1-Methylnaphthalene	0.57	U	0.57	0.91	3.6	ug/Kg
91-57-6	2-Methylnaphthalene	0.21	U	0.21	0.91	3.6	ug/Kg
208-96-8	Acenaphthylene	0.36	U	0.36	0.91	3.6	ug/Kg
83-32-9	Acenaphthene	0.2	U	0.2	0.91	3.6	ug/Kg
86-73-7	Fluorene	0.24	U	0.24	0.91	3.6	ug/Kg
87-86-5	Pentachlorophenol	2.2	U	2.2	1.8	7.4	ug/Kg
85-01-8	Phenanthrene	0.2	U	0.2	0.91	3.6	ug/Kg
120-12-7	Anthracene	0.19	U	0.19	0.91	3.6	ug/Kg
206-44-0	Fluoranthene	0.84	J	0.2	0.91	3.6	ug/Kg
129-00-0	Pyrene	0.26	U	0.26	0.91	3.6	ug/Kg
56-55-3	Benzo(a)anthracene	0.1	U	0.1	0.91	3.6	ug/Kg
218-01-9	Chrysene	0.28	U	0.28	0.91	3.6	ug/Kg
205-99-2	Benzo(b)fluoranthene	1.3	J	0.52	0.91	3.6	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.35	U	0.35	0.91	3.6	ug/Kg
50-32-8	Benzo(a)pyrene	0.35	U	0.35	0.91	3.6	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.57	U	0.57	0.91	3.6	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.52	U	0.52	0.91	3.6	ug/Kg
191-24-2	Benzo(g,h,i)perylene	0.83	U	0.83	0.91	3.6	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.681		15-120		46	SPK: -8
93951-69-0	Fluoranthene-d10	0.319		30-130		80	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.256		20-140		64	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4476		7.712			
1146-65-2	Naphthalene-d8	14301		10.497			
15067-26-2	Acenaphthene-d10	7676		14.349			

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	F7H41	SDG No.:	BM103124
Lab Sample ID:	P4530-14	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	9.2
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048374.D	1	10/26/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164434

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15719	17.095				
1719-03-5	Chrysene-d12	13553	21.292				
1520-96-3	Perylene-d12	11773	23.519				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.98	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	F7H42	SDG No.:	BM103124
Lab Sample ID:	P4530-15	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	11.2
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048375.D	1	10/26/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164434

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1	U	1	0	7.5	ug/Kg
91-20-3	Naphthalene	0.22	U	0.22	0.93	3.7	ug/Kg
90-12-0	1-Methylnaphthalene	0.58	U	0.58	0.93	3.7	ug/Kg
91-57-6	2-Methylnaphthalene	0.21	U	0.21	0.93	3.7	ug/Kg
208-96-8	Acenaphthylene	3.7		0.37	0.93	3.7	ug/Kg
83-32-9	Acenaphthene	0.2	U	0.2	0.93	3.7	ug/Kg
86-73-7	Fluorene	0.25	U	0.25	0.93	3.7	ug/Kg
87-86-5	Pentachlorophenol	2.2	U	2.2	1.9	7.5	ug/Kg
85-01-8	Phenanthrene	2.1	J	0.2	0.93	3.7	ug/Kg
120-12-7	Anthracene	3.2	J	0.19	0.93	3.7	ug/Kg
206-44-0	Fluoranthene	20		0.2	0.93	3.7	ug/Kg
129-00-0	Pyrene	27		0.27	0.93	3.7	ug/Kg
56-55-3	Benzo(a)anthracene	16		0.1	0.93	3.7	ug/Kg
218-01-9	Chrysene	15		0.28	0.93	3.7	ug/Kg
205-99-2	Benzo(b)fluoranthene	34		0.53	0.93	3.7	ug/Kg
207-08-9	Benzo(k)fluoranthene	9.7		0.36	0.93	3.7	ug/Kg
50-32-8	Benzo(a)pyrene	19		0.36	0.93	3.7	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	10		0.58	0.93	3.7	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	3.1	J	0.53	0.93	3.7	ug/Kg
191-24-2	Benzo(g,h,i)perylene	12		0.84	0.93	3.7	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.005		15-120		38	SPK: -8
93951-69-0	Fluoranthene-d10	0.281		30-130		70	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.218		20-140		54	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4606		7.708			
1146-65-2	Naphthalene-d8	14797		10.495			
15067-26-2	Acenaphthene-d10	8289		14.353			

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	F7H42	SDG No.:	BM103124
Lab Sample ID:	P4530-15	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	11.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048375.D	1	10/26/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164434

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	17176	17.093				
1719-03-5	Chrysene-d12	16018	21.275				
1520-96-3	Perylene-d12	14536	23.513				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	F7H43	SDG No.:	BM103124
Lab Sample ID:	P4530-16	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	12.2
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		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
BM048376.D	1	10/26/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164434

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1	U	1	0	7.6	ug/Kg
91-20-3	Naphthalene	0.23	U	0.23	0.94	3.8	ug/Kg
90-12-0	1-Methylnaphthalene	0.59	U	0.59	0.94	3.8	ug/Kg
91-57-6	2-Methylnaphthalene	0.22	U	0.22	0.94	3.8	ug/Kg
208-96-8	Acenaphthylene	0.38	U	0.38	0.94	3.8	ug/Kg
83-32-9	Acenaphthene	0.21	U	0.21	0.94	3.8	ug/Kg
86-73-7	Fluorene	0.25	U	0.25	0.94	3.8	ug/Kg
87-86-5	Pentachlorophenol	2.3	U	2.3	1.9	7.6	ug/Kg
85-01-8	Phenanthrene	0.21	U	0.21	0.94	3.8	ug/Kg
120-12-7	Anthracene	0.19	U	0.19	0.94	3.8	ug/Kg
206-44-0	Fluoranthene	1.2	J	0.21	0.94	3.8	ug/Kg
129-00-0	Pyrene	1.5	J	0.27	0.94	3.8	ug/Kg
56-55-3	Benzo(a)anthracene	1.2	J	0.11	0.94	3.8	ug/Kg
218-01-9	Chrysene	1	J	0.28	0.94	3.8	ug/Kg
205-99-2	Benzo(b)fluoranthene	2.5	J	0.54	0.94	3.8	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.99	J	0.36	0.94	3.8	ug/Kg
50-32-8	Benzo(a)pyrene	0.95	J	0.36	0.94	3.8	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.87	J	0.59	0.94	3.8	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.54	U	0.54	0.94	3.8	ug/Kg
191-24-2	Benzo(g,h,i)perylene	0.95	J	0.85	0.94	3.8	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.085		15-120		51	SPK: -8
93951-69-0	Fluoranthene-d10	0.335		30-130		84	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.285		20-140		71	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4493		7.708			
1146-65-2	Naphthalene-d8	14349		10.495			
15067-26-2	Acenaphthene-d10	7772		14.353			

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	F7H43	SDG No.:	BM103124
Lab Sample ID:	P4530-16	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	12.2
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048376.D	1	10/26/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164434

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15824	17.093				
1719-03-5	Chrysene-d12	13763	21.289				
1520-96-3	Perylene-d12	11681	23.516				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	F7H44	SDG No.:	BM103124
Lab Sample ID:	P4530-17	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	10.9
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		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
BM048377.D	1	10/26/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164434

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1	U	1	0	7.5	ug/Kg
91-20-3	Naphthalene	0.22	U	0.22	0.92	3.7	ug/Kg
90-12-0	1-Methylnaphthalene	0.58	U	0.58	0.92	3.7	ug/Kg
91-57-6	2-Methylnaphthalene	0.21	U	0.21	0.92	3.7	ug/Kg
208-96-8	Acenaphthylene	0.37	U	0.37	0.92	3.7	ug/Kg
83-32-9	Acenaphthene	0.2	U	0.2	0.92	3.7	ug/Kg
86-73-7	Fluorene	0.25	U	0.25	0.92	3.7	ug/Kg
87-86-5	Pentachlorophenol	2.2	U	2.2	1.9	7.5	ug/Kg
85-01-8	Phenanthrene	0.2	U	0.2	0.92	3.7	ug/Kg
120-12-7	Anthracene	0.19	U	0.19	0.92	3.7	ug/Kg
206-44-0	Fluoranthene	1.2	J	0.2	0.92	3.7	ug/Kg
129-00-0	Pyrene	0.27	U	0.27	0.92	3.7	ug/Kg
56-55-3	Benzo(a)anthracene	1.2	J	0.1	0.92	3.7	ug/Kg
218-01-9	Chrysene	1	J	0.28	0.92	3.7	ug/Kg
205-99-2	Benzo(b)fluoranthene	2.3	J	0.53	0.92	3.7	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.86	J	0.36	0.92	3.7	ug/Kg
50-32-8	Benzo(a)pyrene	0.93	J	0.36	0.92	3.7	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.82	J	0.58	0.92	3.7	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.53	U	0.53	0.92	3.7	ug/Kg
191-24-2	Benzo(g,h,i)perylene	0.93	J	0.84	0.92	3.7	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.804		15-120		48	SPK: -8
93951-69-0	Fluoranthene-d10	0.3		30-130		75	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.256		20-140		64	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5118		7.708			
1146-65-2	Naphthalene-d8	16483		10.495			
15067-26-2	Acenaphthene-d10	8799		14.353			

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	F7H44	SDG No.:	BM103124
Lab Sample ID:	P4530-17	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	10.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048377.D	1	10/26/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164434

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	17728	17.093				
1719-03-5	Chrysene-d12	14605	21.289				
1520-96-3	Perylene-d12	12525	23.516				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	F7H01	SDG No.:	BM103124
Lab Sample ID:	P4592-01	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	12.5
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048378.D	1	10/29/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164507

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1	U	1	0	7.6	ug/Kg
91-20-3	Naphthalene	0.23	U	0.23	0.94	3.8	ug/Kg
90-12-0	1-Methylnaphthalene	0.59	U	0.59	0.94	3.8	ug/Kg
91-57-6	2-Methylnaphthalene	0.22	U	0.22	0.94	3.8	ug/Kg
208-96-8	Acenaphthylene	0.38	U	0.38	0.94	3.8	ug/Kg
83-32-9	Acenaphthene	0.21	U	0.21	0.94	3.8	ug/Kg
86-73-7	Fluorene	0.25	U	0.25	0.94	3.8	ug/Kg
87-86-5	Pentachlorophenol	2.3	U	2.3	1.9	7.6	ug/Kg
85-01-8	Phenanthrene	1.2	J	0.21	0.94	3.8	ug/Kg
120-12-7	Anthracene	0.19	U	0.19	0.94	3.8	ug/Kg
206-44-0	Fluoranthene	4.2		0.21	0.94	3.8	ug/Kg
129-00-0	Pyrene	4.3		0.27	0.94	3.8	ug/Kg
56-55-3	Benzo(a)anthracene	3.6	J	0.11	0.94	3.8	ug/Kg
218-01-9	Chrysene	2.7	J	0.28	0.94	3.8	ug/Kg
205-99-2	Benzo(b)fluoranthene	7.4		0.54	0.94	3.8	ug/Kg
207-08-9	Benzo(k)fluoranthene	2.7	J	0.36	0.94	3.8	ug/Kg
50-32-8	Benzo(a)pyrene	3.3	J	0.36	0.94	3.8	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1.9	J	0.59	0.94	3.8	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.8	J	0.54	0.94	3.8	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2	J	0.85	0.94	3.8	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.807		15-120		48	SPK: -8
93951-69-0	Fluoranthene-d10	0.359		30-130		90	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.277		20-140		69	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4750		7.708			
1146-65-2	Naphthalene-d8	15448		10.496			
15067-26-2	Acenaphthene-d10	8395		14.349			

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	F7H01	SDG No.:	BM103124
Lab Sample ID:	P4592-01	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	12.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048378.D	1	10/29/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164507

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	16905	17.095				
1719-03-5	Chrysene-d12	13838	21.286				
1520-96-3	Perylene-d12	11787	23.516				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	F7H02	SDG No.:	BM103124
Lab Sample ID:	P4592-02	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	14.7
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048379.D	1	10/29/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164507

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1	U	1	0	7.8	ug/Kg
91-20-3	Naphthalene	0.23	U	0.23	0.96	3.9	ug/Kg
90-12-0	1-Methylnaphthalene	0.61	U	0.61	0.96	3.9	ug/Kg
91-57-6	2-Methylnaphthalene	0.22	U	0.22	0.96	3.9	ug/Kg
208-96-8	Acenaphthylene	0.39	U	0.39	0.96	3.9	ug/Kg
83-32-9	Acenaphthene	2.8	J	0.21	0.96	3.9	ug/Kg
86-73-7	Fluorene	3.3	J	0.26	0.96	3.9	ug/Kg
87-86-5	Pentachlorophenol	2.3	U	2.3	2	7.8	ug/Kg
85-01-8	Phenanthrene	4.9		0.21	0.96	3.9	ug/Kg
120-12-7	Anthracene	1.1	J	0.2	0.96	3.9	ug/Kg
206-44-0	Fluoranthene	5.4		0.21	0.96	3.9	ug/Kg
129-00-0	Pyrene	5.1		0.28	0.96	3.9	ug/Kg
56-55-3	Benzo(a)anthracene	2.8	J	0.11	0.96	3.9	ug/Kg
218-01-9	Chrysene	2.3	J	0.29	0.96	3.9	ug/Kg
205-99-2	Benzo(b)fluoranthene	4.6		0.55	0.96	3.9	ug/Kg
207-08-9	Benzo(k)fluoranthene	1.6	J	0.37	0.96	3.9	ug/Kg
50-32-8	Benzo(a)pyrene	2.3	J	0.37	0.96	3.9	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1.3	J	0.61	0.96	3.9	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.55	U	0.55	0.96	3.9	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1.5	J	0.88	0.96	3.9	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.525		15-120		44	SPK: -8
93951-69-0	Fluoranthene-d10	0.337		30-130		84	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.276		20-140		69	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4893		7.708			
1146-65-2	Naphthalene-d8	15750		10.495			
15067-26-2	Acenaphthene-d10	8608		14.348			

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	F7H02	SDG No.:	BM103124
Lab Sample ID:	P4592-02	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	14.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048379.D	1	10/29/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164507

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	17875	17.094				
1719-03-5	Chrysene-d12	15050	21.289				
1520-96-3	Perylene-d12	12706	23.516				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	F7H03	SDG No.:	BM103124
Lab Sample ID:	P4592-03	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	13
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048380.D	1	10/29/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164507

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1	U	1	0	7.7	ug/Kg
91-20-3	Naphthalene	0.23	U	0.23	0.95	3.8	ug/Kg
90-12-0	1-Methylnaphthalene	0.6	U	0.6	0.95	3.8	ug/Kg
91-57-6	2-Methylnaphthalene	0.22	U	0.22	0.95	3.8	ug/Kg
208-96-8	Acenaphthylene	0.38	U	0.38	0.95	3.8	ug/Kg
83-32-9	Acenaphthene	0.84	J	0.21	0.95	3.8	ug/Kg
86-73-7	Fluorene	0.84	J	0.25	0.95	3.8	ug/Kg
87-86-5	Pentachlorophenol	2.3	U	2.3	1.9	7.7	ug/Kg
85-01-8	Phenanthrene	0.21	U	0.21	0.95	3.8	ug/Kg
120-12-7	Anthracene	0.2	U	0.2	0.95	3.8	ug/Kg
206-44-0	Fluoranthene	0.21	U	0.21	0.95	3.8	ug/Kg
129-00-0	Pyrene	0.28	U	0.28	0.95	3.8	ug/Kg
56-55-3	Benzo(a)anthracene	0.11	U	0.11	0.95	3.8	ug/Kg
218-01-9	Chrysene	0.29	U	0.29	0.95	3.8	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.54	U	0.54	0.95	3.8	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.37	U	0.37	0.95	3.8	ug/Kg
50-32-8	Benzo(a)pyrene	0.37	U	0.37	0.95	3.8	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.6	U	0.6	0.95	3.8	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.54	U	0.54	0.95	3.8	ug/Kg
191-24-2	Benzo(g,h,i)perylene	0.86	U	0.86	0.95	3.8	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.156		15-120		39	SPK: -8
93951-69-0	Fluoranthene-d10	0.321		30-130		80	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.25		20-140		63	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5019		7.708			
1146-65-2	Naphthalene-d8	16396		10.491			
15067-26-2	Acenaphthene-d10	8906		14.349			

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	F7H03	SDG No.:	BM103124
Lab Sample ID:	P4592-03	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	13
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048380.D	1	10/29/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164507

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	18229	17.095				
1719-03-5	Chrysene-d12	14539	21.295				
1520-96-3	Perylene-d12	12098	23.516				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	F7H04	SDG No.:	BM103124
Lab Sample ID:	P4592-04	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	12.6
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		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
BM048381.D	1	10/29/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164507

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1	U	1	0	7.6	ug/Kg
91-20-3	Naphthalene	190	E	0.23	0.94	3.8	ug/Kg
90-12-0	1-Methylnaphthalene	71	E	0.59	0.94	3.8	ug/Kg
91-57-6	2-Methylnaphthalene	140	E	0.22	0.94	3.8	ug/Kg
208-96-8	Acenaphthylene	33		0.38	0.94	3.8	ug/Kg
83-32-9	Acenaphthene	340	E	0.21	0.94	3.8	ug/Kg
86-73-7	Fluorene	330	E	0.25	0.94	3.8	ug/Kg
87-86-5	Pentachlorophenol	2.3	U	2.3	1.9	7.6	ug/Kg
85-01-8	Phenanthrene	1500	E	0.21	0.94	3.8	ug/Kg
120-12-7	Anthracene	340	E	0.19	0.94	3.8	ug/Kg
206-44-0	Fluoranthene	1400	E	0.21	0.94	3.8	ug/Kg
129-00-0	Pyrene	1100	E	0.27	0.94	3.8	ug/Kg
56-55-3	Benzo(a)anthracene	470	E	0.11	0.94	3.8	ug/Kg
218-01-9	Chrysene	350	E	0.29	0.94	3.8	ug/Kg
205-99-2	Benzo(b)fluoranthene	460	E	0.54	0.94	3.8	ug/Kg
207-08-9	Benzo(k)fluoranthene	130	E	0.36	0.94	3.8	ug/Kg
50-32-8	Benzo(a)pyrene	270	E	0.36	0.94	3.8	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	110	E	0.59	0.94	3.8	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	34		0.54	0.94	3.8	ug/Kg
191-24-2	Benzo(g,h,i)perylene	120	E	0.86	0.94	3.8	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.816		15-120		35	SPK: -8
93951-69-0	Fluoranthene-d10	0.288		30-130		72	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.236		20-140		59	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5188		7.708			
1146-65-2	Naphthalene-d8	17064		10.491			
15067-26-2	Acenaphthene-d10	10065		14.349			

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	F7H04	SDG No.:	BM103124
Lab Sample ID:	P4592-04	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	12.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048381.D	1	10/29/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164507

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	20919	17.091				
1719-03-5	Chrysene-d12	16878	21.271				
1520-96-3	Perylene-d12	16392	23.507				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	F7H05	SDG No.:	BM103124
Lab Sample ID:	P4592-05	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	11.2
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048382.D	1	10/29/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164507

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1	U	1	0	7.5	ug/Kg
91-20-3	Naphthalene	7.1		0.23	0.93	3.7	ug/Kg
90-12-0	1-Methylnaphthalene	1.5	J	0.59	0.93	3.7	ug/Kg
91-57-6	2-Methylnaphthalene	2.9	J	0.21	0.93	3.7	ug/Kg
208-96-8	Acenaphthylene	2.3	J	0.37	0.93	3.7	ug/Kg
83-32-9	Acenaphthene	6.3		0.2	0.93	3.7	ug/Kg
86-73-7	Fluorene	5.6		0.25	0.93	3.7	ug/Kg
87-86-5	Pentachlorophenol	2.3	U	2.3	1.9	7.5	ug/Kg
85-01-8	Phenanthrene	25		0.2	0.93	3.7	ug/Kg
120-12-7	Anthracene	6.2		0.19	0.93	3.7	ug/Kg
206-44-0	Fluoranthene	36		0.2	0.93	3.7	ug/Kg
129-00-0	Pyrene	33		0.27	0.93	3.7	ug/Kg
56-55-3	Benzo(a)anthracene	21		0.1	0.93	3.7	ug/Kg
218-01-9	Chrysene	16		0.28	0.93	3.7	ug/Kg
205-99-2	Benzo(b)fluoranthene	30		0.53	0.93	3.7	ug/Kg
207-08-9	Benzo(k)fluoranthene	9.6		0.36	0.93	3.7	ug/Kg
50-32-8	Benzo(a)pyrene	16		0.36	0.93	3.7	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	7.7		0.59	0.93	3.7	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2.4	J	0.53	0.93	3.7	ug/Kg
191-24-2	Benzo(g,h,i)perylene	8.5		0.84	0.93	3.7	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.02		15-120		38	SPK: -8
93951-69-0	Fluoranthene-d10	0.298		30-130		75	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.229		20-140		57	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5058		7.708			
1146-65-2	Naphthalene-d8	16096		10.491			
15067-26-2	Acenaphthene-d10	8656		14.349			

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	F7H05	SDG No.:	BM103124
Lab Sample ID:	P4592-05	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	11.2
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048382.D	1	10/29/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164507

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	17407	17.095				
1719-03-5	Chrysene-d12	14547	21.28				
1520-96-3	Perylene-d12	12490	23.513				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/29/2024 12:00:00 AM
Project:		Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	SLCS507	SDG No.:	BM103124
Lab Sample ID:	PB164507BS	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048383.D	1	10/29/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164507

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	61		0.89	0	6.7	ug/Kg
91-20-3	Naphthalene	11		0.2	0.83	3.3	ug/Kg
90-12-0	1-Methylnaphthalene	11		0.52	0.83	3.3	ug/Kg
91-57-6	2-Methylnaphthalene	11		0.19	0.83	3.3	ug/Kg
208-96-8	Acenaphthylene	11		0.33	0.83	3.3	ug/Kg
83-32-9	Acenaphthene	11		0.18	0.83	3.3	ug/Kg
86-73-7	Fluorene	11		0.22	0.83	3.3	ug/Kg
87-86-5	Pentachlorophenol	18		2	1.7	6.7	ug/Kg
85-01-8	Phenanthrene	11		0.18	0.83	3.3	ug/Kg
120-12-7	Anthracene	10		0.17	0.83	3.3	ug/Kg
206-44-0	Fluoranthene	12		0.18	0.83	3.3	ug/Kg
129-00-0	Pyrene	12		0.24	0.83	3.3	ug/Kg
56-55-3	Benzo(a)anthracene	12		0.09	0.83	3.3	ug/Kg
218-01-9	Chrysene	12		0.25	0.83	3.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	11		0.47	0.83	3.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	12		0.32	0.83	3.3	ug/Kg
50-32-8	Benzo(a)pyrene	12		0.32	0.83	3.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	11		0.52	0.83	3.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	11		0.47	0.83	3.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	11		0.75	0.83	3.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.788		15-120		98	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.398		30-130		100	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.361		20-140		90	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3892	7.763				
1146-65-2	Naphthalene-d8	13553	10.528				
15067-26-2	Acenaphthene-d10	7971	14.362				

Report of Analysis

Client:		Date Collected:	10/29/2024 12:00:00 AM
Project:		Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	SLCS507	SDG No.:	BM103124
Lab Sample ID:	PB164507BS	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048383.D	1	10/29/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164507

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	16564	17.119				
1719-03-5	Chrysene-d12	13527	21.292				
1520-96-3	Perylene-d12	13752	23.534				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.89	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/29/2024 12:00:00 AM
Project:		Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	SBLK507	SDG No.:	BM103124
Lab Sample ID:	PB164507BL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048385.D	1	10/29/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164507

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.89	U	0.89	0	6.7	ug/Kg
91-20-3	Naphthalene	0.2	U	0.2	0.83	3.3	ug/Kg
90-12-0	1-Methylnaphthalene	0.52	U	0.52	0.83	3.3	ug/Kg
91-57-6	2-Methylnaphthalene	0.19	U	0.19	0.83	3.3	ug/Kg
208-96-8	Acenaphthylene	0.33	U	0.33	0.83	3.3	ug/Kg
83-32-9	Acenaphthene	0.18	U	0.18	0.83	3.3	ug/Kg
86-73-7	Fluorene	0.22	U	0.22	0.83	3.3	ug/Kg
87-86-5	Pentachlorophenol	2	U	2	1.7	6.7	ug/Kg
85-01-8	Phenanthrene	0.18	U	0.18	0.83	3.3	ug/Kg
120-12-7	Anthracene	0.17	U	0.17	0.83	3.3	ug/Kg
206-44-0	Fluoranthene	0.18	U	0.18	0.83	3.3	ug/Kg
129-00-0	Pyrene	0.24	U	0.24	0.83	3.3	ug/Kg
56-55-3	Benzo(a)anthracene	0.09	U	0.09	0.83	3.3	ug/Kg
218-01-9	Chrysene	0.25	U	0.25	0.83	3.3	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.47	U	0.47	0.83	3.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.32	U	0.32	0.83	3.3	ug/Kg
50-32-8	Benzo(a)pyrene	0.32	U	0.32	0.83	3.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.52	U	0.52	0.83	3.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.47	U	0.47	0.83	3.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	0.75	U	0.75	0.83	3.3	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.568		15-120		70	SPK: -8
93951-69-0	Fluoranthene-d10	0.43		30-130		108	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.335		20-140		84	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4577		7.708			
1146-65-2	Naphthalene-d8	15075		10.491			
15067-26-2	Acenaphthene-d10	8283		14.349			

Report of Analysis

Client:		Date Collected:	10/29/2024 12:00:00 AM
Project:		Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	SBLK507	SDG No.:	BM103124
Lab Sample ID:	PB164507BL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048385.D	1	10/29/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164507

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	16916	17.09				
1719-03-5	Chrysene-d12	12388	21.303				
1520-96-3	Perylene-d12	8438	23.516				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.89	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	F7H06	SDG No.:	BM103124
Lab Sample ID:	P4592-06	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	15.8
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		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
BM048386.D	1	10/29/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164507

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.1	U	1.1	0	8	ug/Kg
91-20-3	Naphthalene	2.5	J	0.24	0.98	3.9	ug/Kg
90-12-0	1-Methylnaphthalene	0.62	U	0.62	0.98	3.9	ug/Kg
91-57-6	2-Methylnaphthalene	0.23	U	0.23	0.98	3.9	ug/Kg
208-96-8	Acenaphthylene	0.39	U	0.39	0.98	3.9	ug/Kg
83-32-9	Acenaphthene	0.79	J	0.21	0.98	3.9	ug/Kg
86-73-7	Fluorene	0.26	U	0.26	0.98	3.9	ug/Kg
87-86-5	Pentachlorophenol	2.4	U	2.4	2	8	ug/Kg
85-01-8	Phenanthrene	1.8	J	0.21	0.98	3.9	ug/Kg
120-12-7	Anthracene	0.2	U	0.2	0.98	3.9	ug/Kg
206-44-0	Fluoranthene	1.8	J	0.21	0.98	3.9	ug/Kg
129-00-0	Pyrene	0.29	U	0.29	0.98	3.9	ug/Kg
56-55-3	Benzo(a)anthracene	0.87	J	0.11	0.98	3.9	ug/Kg
218-01-9	Chrysene	0.3	U	0.3	0.98	3.9	ug/Kg
205-99-2	Benzo(b)fluoranthene	1.7	J	0.56	0.98	3.9	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.83	J	0.38	0.98	3.9	ug/Kg
50-32-8	Benzo(a)pyrene	0.38	U	0.38	0.98	3.9	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.62	U	0.62	0.98	3.9	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.56	U	0.56	0.98	3.9	ug/Kg
191-24-2	Benzo(g,h,i)perylene	0.89	U	0.89	0.98	3.9	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.24		15-120		78	SPK: -8
93951-69-0	Fluoranthene-d10	0.596	*	30-130		149	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.481		20-140		120	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4662		7.708			
1146-65-2	Naphthalene-d8	15203		10.491			
15067-26-2	Acenaphthene-d10	8270		14.349			

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	F7H06	SDG No.:	BM103124
Lab Sample ID:	P4592-06	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	15.8
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048386.D	1	10/29/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164507

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	16892	17.091				
1719-03-5	Chrysene-d12	13300	21.292				
1520-96-3	Perylene-d12	10761	23.516				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	F7H07	SDG No.:	BM103124
Lab Sample ID:	P4592-07	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	9.3
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048387.D	1	10/29/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164507

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.98	U	0.98	0	7.4	ug/Kg
91-20-3	Naphthalene	0.22	U	0.22	0.91	3.6	ug/Kg
90-12-0	1-Methylnaphthalene	0.57	U	0.57	0.91	3.6	ug/Kg
91-57-6	2-Methylnaphthalene	0.21	U	0.21	0.91	3.6	ug/Kg
208-96-8	Acenaphthylene	0.36	U	0.36	0.91	3.6	ug/Kg
83-32-9	Acenaphthene	0.2	U	0.2	0.91	3.6	ug/Kg
86-73-7	Fluorene	0.24	U	0.24	0.91	3.6	ug/Kg
87-86-5	Pentachlorophenol	2.2	U	2.2	1.8	7.4	ug/Kg
85-01-8	Phenanthrene	0.2	U	0.2	0.91	3.6	ug/Kg
120-12-7	Anthracene	0.19	U	0.19	0.91	3.6	ug/Kg
206-44-0	Fluoranthene	3.9		0.2	0.91	3.6	ug/Kg
129-00-0	Pyrene	6.7		0.26	0.91	3.6	ug/Kg
56-55-3	Benzo(a)anthracene	3.4	J	0.1	0.91	3.6	ug/Kg
218-01-9	Chrysene	2.9	J	0.27	0.91	3.6	ug/Kg
205-99-2	Benzo(b)fluoranthene	9		0.52	0.91	3.6	ug/Kg
207-08-9	Benzo(k)fluoranthene	2.8	J	0.35	0.91	3.6	ug/Kg
50-32-8	Benzo(a)pyrene	3.7		0.35	0.91	3.6	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2.1	J	0.57	0.91	3.6	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.77	J	0.52	0.91	3.6	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2.2	J	0.82	0.91	3.6	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.661		15-120		46	SPK: -8
93951-69-0	Fluoranthene-d10	0.335		30-130		84	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.26		20-140		65	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4596		7.708			
1146-65-2	Naphthalene-d8	14987		10.491			
15067-26-2	Acenaphthene-d10	8099		14.349			

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	F7H07	SDG No.:	BM103124
Lab Sample ID:	P4592-07	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	9.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048387.D	1	10/29/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164507

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	16332	17.095				
1719-03-5	Chrysene-d12	13507	21.286				
1520-96-3	Perylene-d12	11124	23.516				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.98	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H39DL	SDG No.:	BM103124
Lab Sample ID:	P4530-12DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	14.8
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		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
BM048388.D	5	10/26/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164434

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	5.2	U	5.2	0	39	ug/Kg
91-20-3	Naphthalene	1.2	U	1.2	4.8	19	ug/Kg
90-12-0	1-Methylnaphthalene	3	U	3	4.8	19	ug/Kg
91-57-6	2-Methylnaphthalene	1.1	U	1.1	4.8	19	ug/Kg
208-96-8	Acenaphthylene	12	JD	1.9	4.8	19	ug/Kg
83-32-9	Acenaphthene	1.1	U	1.1	4.8	19	ug/Kg
86-73-7	Fluorene	1.3	U	1.3	4.8	19	ug/Kg
87-86-5	Pentachlorophenol	12	U	12	9.8	39	ug/Kg
85-01-8	Phenanthrene	7.8	JD	1.1	4.8	19	ug/Kg
120-12-7	Anthracene	52	D	0.99	4.8	19	ug/Kg
206-44-0	Fluoranthene	140	D	1.1	4.8	19	ug/Kg
129-00-0	Pyrene	170	D	1.4	4.8	19	ug/Kg
56-55-3	Benzo(a)anthracene	110	D	0.54	4.8	19	ug/Kg
218-01-9	Chrysene	81	D	1.5	4.8	19	ug/Kg
205-99-2	Benzo(b)fluoranthene	170	D	2.7	4.8	19	ug/Kg
207-08-9	Benzo(k)fluoranthene	56	D	1.9	4.8	19	ug/Kg
50-32-8	Benzo(a)pyrene	93	D	1.9	4.8	19	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	47	D	3	4.8	19	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	14	JD	2.7	4.8	19	ug/Kg
191-24-2	Benzo(g,h,i)perylene	53	D	4.4	4.8	19	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.07		15-120		51	SPK: -8
93951-69-0	Fluoranthene-d10	0.305		30-130		76	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.245		20-140		61	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4370		7.716			
1146-65-2	Naphthalene-d8	13721		10.508			
15067-26-2	Acenaphthene-d10	8078		14.354			

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H39DL	SDG No.:	BM103124
Lab Sample ID:	P4530-12DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	14.8
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048388.D	5	10/26/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164434

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15519	17.099				
1719-03-5	Chrysene-d12	13718	21.28				
1520-96-3	Perylene-d12	12196	23.516				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	5.2	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	F7H08	SDG No.:	BM103124
Lab Sample ID:	P4592-08	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	16
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		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
BM048389.D	1	10/29/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164507

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.1	U	1.1	0	7.9	ug/Kg
91-20-3	Naphthalene	0.24	U	0.24	0.98	3.9	ug/Kg
90-12-0	1-Methylnaphthalene	0.62	U	0.62	0.98	3.9	ug/Kg
91-57-6	2-Methylnaphthalene	0.23	U	0.23	0.98	3.9	ug/Kg
208-96-8	Acenaphthylene	0.39	U	0.39	0.98	3.9	ug/Kg
83-32-9	Acenaphthene	1.2	J	0.21	0.98	3.9	ug/Kg
86-73-7	Fluorene	0.26	U	0.26	0.98	3.9	ug/Kg
87-86-5	Pentachlorophenol	2.4	U	2.4	2	7.9	ug/Kg
85-01-8	Phenanthrene	0.21	U	0.21	0.98	3.9	ug/Kg
120-12-7	Anthracene	0.2	U	0.2	0.98	3.9	ug/Kg
206-44-0	Fluoranthene	4.7		0.21	0.98	3.9	ug/Kg
129-00-0	Pyrene	7.1		0.28	0.98	3.9	ug/Kg
56-55-3	Benzo(a)anthracene	4.9		0.11	0.98	3.9	ug/Kg
218-01-9	Chrysene	2.8	J	0.3	0.98	3.9	ug/Kg
205-99-2	Benzo(b)fluoranthene	8.3		0.56	0.98	3.9	ug/Kg
207-08-9	Benzo(k)fluoranthene	3	J	0.38	0.98	3.9	ug/Kg
50-32-8	Benzo(a)pyrene	3.4	J	0.38	0.98	3.9	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1.9	J	0.62	0.98	3.9	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.56	U	0.56	0.98	3.9	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1.9	J	0.89	0.98	3.9	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.119		15-120		39	SPK: -8
93951-69-0	Fluoranthene-d10	0.279		30-130		70	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.205		20-140		51	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4574		7.712			
1146-65-2	Naphthalene-d8	14448		10.495			
15067-26-2	Acenaphthene-d10	7752		14.348			

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	F7H08	SDG No.:	BM103124
Lab Sample ID:	P4592-08	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	16
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048389.D	1	10/29/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164507

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15531	17.094				
1719-03-5	Chrysene-d12	12173	21.289				
1520-96-3	Perylene-d12	10074	23.519				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	F7H09	SDG No.:	BM103124
Lab Sample ID:	P4592-09	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	18.4
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		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
BM048390.D	1	10/29/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164507

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.1	U	1.1	0	8.2	ug/Kg
91-20-3	Naphthalene	0.25	U	0.25	1	4	ug/Kg
90-12-0	1-Methylnaphthalene	0.64	U	0.64	1	4	ug/Kg
91-57-6	2-Methylnaphthalene	0.23	U	0.23	1	4	ug/Kg
208-96-8	Acenaphthylene	0.4	U	0.4	1	4	ug/Kg
83-32-9	Acenaphthene	0.22	U	0.22	1	4	ug/Kg
86-73-7	Fluorene	0.27	U	0.27	1	4	ug/Kg
87-86-5	Pentachlorophenol	2.5	U	2.5	2.1	8.2	ug/Kg
85-01-8	Phenanthrene	0.22	U	0.22	1	4	ug/Kg
120-12-7	Anthracene	0.21	U	0.21	1	4	ug/Kg
206-44-0	Fluoranthene	0.22	U	0.22	1	4	ug/Kg
129-00-0	Pyrene	0.29	U	0.29	1	4	ug/Kg
56-55-3	Benzo(a)anthracene	0.11	U	0.11	1	4	ug/Kg
218-01-9	Chrysene	0.31	U	0.31	1	4	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.58	U	0.58	1	4	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.39	U	0.39	1	4	ug/Kg
50-32-8	Benzo(a)pyrene	0.39	U	0.39	1	4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.64	U	0.64	1	4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.58	U	0.58	1	4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	0.92	U	0.92	1	4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.369		15-120		55	SPK: -8
93951-69-0	Fluoranthene-d10	0.422		30-130		105	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.311		20-140		78	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4484		7.708			
1146-65-2	Naphthalene-d8	14709		10.491			
15067-26-2	Acenaphthene-d10	8027		14.349			

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	F7H09	SDG No.:	BM103124
Lab Sample ID:	P4592-09	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	18.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048390.D	1	10/29/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164507

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	16452	17.095				
1719-03-5	Chrysene-d12	13689	21.292				
1520-96-3	Perylene-d12	11324	23.516				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	F7H18	SDG No.:	BM103124
Lab Sample ID:	P4592-10	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	18
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048391.D	1	10/29/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164507

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.1	U	1.1	0	8.1	ug/Kg
91-20-3	Naphthalene	16		0.24	1	4	ug/Kg
90-12-0	1-Methylnaphthalene	1.3	J	0.63	1	4	ug/Kg
91-57-6	2-Methylnaphthalene	2	J	0.23	1	4	ug/Kg
208-96-8	Acenaphthylene	1.1	J	0.4	1	4	ug/Kg
83-32-9	Acenaphthene	2.4	J	0.22	1	4	ug/Kg
86-73-7	Fluorene	2.1	J	0.27	1	4	ug/Kg
87-86-5	Pentachlorophenol	2.4	U	2.4	2	8.1	ug/Kg
85-01-8	Phenanthrene	4.8		0.22	1	4	ug/Kg
120-12-7	Anthracene	1.3	J	0.21	1	4	ug/Kg
206-44-0	Fluoranthene	6.9		0.22	1	4	ug/Kg
129-00-0	Pyrene	12		0.29	1	4	ug/Kg
56-55-3	Benzo(a)anthracene	5.2		0.11	1	4	ug/Kg
218-01-9	Chrysene	4.4		0.3	1	4	ug/Kg
205-99-2	Benzo(b)fluoranthene	12		0.57	1	4	ug/Kg
207-08-9	Benzo(k)fluoranthene	3.8	J	0.39	1	4	ug/Kg
50-32-8	Benzo(a)pyrene	5.2		0.39	1	4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2.9	J	0.63	1	4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.97	J	0.57	1	4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	3	J	0.91	1	4	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.229		15-120		40	SPK: -8
93951-69-0	Fluoranthene-d10	0.303		30-130		76	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.222		20-140		56	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4627		7.708			
1146-65-2	Naphthalene-d8	15078		10.491			
15067-26-2	Acenaphthene-d10	8223		14.349			

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	F7H18	SDG No.:	BM103124
Lab Sample ID:	P4592-10	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	18
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048391.D	1	10/29/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164507

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	16577	17.095				
1719-03-5	Chrysene-d12	13122	21.286				
1520-96-3	Perylene-d12	11228	23.516				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	F7H19	SDG No.:	BM103124
Lab Sample ID:	P4592-11	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	13.3
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		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
BM048392.D	1	10/29/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164507

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1	U	1	0	7.7	ug/Kg
91-20-3	Naphthalene	0.23	U	0.23	0.95	3.8	ug/Kg
90-12-0	1-Methylnaphthalene	0.6	U	0.6	0.95	3.8	ug/Kg
91-57-6	2-Methylnaphthalene	0.22	U	0.22	0.95	3.8	ug/Kg
208-96-8	Acenaphthylene	0.38	U	0.38	0.95	3.8	ug/Kg
83-32-9	Acenaphthene	1.7	J	0.21	0.95	3.8	ug/Kg
86-73-7	Fluorene	1.6	J	0.25	0.95	3.8	ug/Kg
87-86-5	Pentachlorophenol	2.3	U	2.3	1.9	7.7	ug/Kg
85-01-8	Phenanthrene	0.21	U	0.21	0.95	3.8	ug/Kg
120-12-7	Anthracene	0.2	U	0.2	0.95	3.8	ug/Kg
206-44-0	Fluoranthene	0.21	U	0.21	0.95	3.8	ug/Kg
129-00-0	Pyrene	0.28	U	0.28	0.95	3.8	ug/Kg
56-55-3	Benzo(a)anthracene	0.11	U	0.11	0.95	3.8	ug/Kg
218-01-9	Chrysene	0.29	U	0.29	0.95	3.8	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.54	U	0.54	0.95	3.8	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.37	U	0.37	0.95	3.8	ug/Kg
50-32-8	Benzo(a)pyrene	0.37	U	0.37	0.95	3.8	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.6	U	0.6	0.95	3.8	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.54	U	0.54	0.95	3.8	ug/Kg
191-24-2	Benzo(g,h,i)perylene	0.87	U	0.87	0.95	3.8	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.068		15-120		38	SPK: -8
93951-69-0	Fluoranthene-d10	0.271		30-130		68	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.209		20-140		52	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4252		7.712			
1146-65-2	Naphthalene-d8	13886		10.495			
15067-26-2	Acenaphthene-d10	7519		14.348			

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	F7H19	SDG No.:	BM103124
Lab Sample ID:	P4592-11	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	13.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048392.D	1	10/29/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164507

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15258	17.093				
1719-03-5	Chrysene-d12	11893	21.298				
1520-96-3	Perylene-d12	9406	23.513				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	F7H20	SDG No.:	BM103124
Lab Sample ID:	P4592-12	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	9
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048393.D	1	10/29/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164507

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.97	U	0.97	0	7.3	ug/Kg
91-20-3	Naphthalene	0.22	U	0.22	0.9	3.6	ug/Kg
90-12-0	1-Methylnaphthalene	0.57	U	0.57	0.9	3.6	ug/Kg
91-57-6	2-Methylnaphthalene	0.21	U	0.21	0.9	3.6	ug/Kg
208-96-8	Acenaphthylene	0.36	U	0.36	0.9	3.6	ug/Kg
83-32-9	Acenaphthene	0.2	U	0.2	0.9	3.6	ug/Kg
86-73-7	Fluorene	0.24	U	0.24	0.9	3.6	ug/Kg
87-86-5	Pentachlorophenol	2.2	U	2.2	1.8	7.3	ug/Kg
85-01-8	Phenanthrene	0.2	U	0.2	0.9	3.6	ug/Kg
120-12-7	Anthracene	0.19	U	0.19	0.9	3.6	ug/Kg
206-44-0	Fluoranthene	0.2	U	0.2	0.9	3.6	ug/Kg
129-00-0	Pyrene	0.26	U	0.26	0.9	3.6	ug/Kg
56-55-3	Benzo(a)anthracene	0.1	U	0.1	0.9	3.6	ug/Kg
218-01-9	Chrysene	0.27	U	0.27	0.9	3.6	ug/Kg
205-99-2	Benzo(b)fluoranthene	0.51	U	0.51	0.9	3.6	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.35	U	0.35	0.9	3.6	ug/Kg
50-32-8	Benzo(a)pyrene	0.35	U	0.35	0.9	3.6	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.57	U	0.57	0.9	3.6	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	0.51	U	0.51	0.9	3.6	ug/Kg
191-24-2	Benzo(g,h,i)perylene	0.82	U	0.82	0.9	3.6	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.546		15-120		44	SPK: -8
93951-69-0	Fluoranthene-d10	0.346		30-130		86	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.245		20-140		61	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4929		7.708			
1146-65-2	Naphthalene-d8	16313		10.491			
15067-26-2	Acenaphthene-d10	8805		14.349			

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	F7H20	SDG No.:	BM103124
Lab Sample ID:	P4592-12	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048393.D	1	10/29/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164507

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	17570	17.095				
1719-03-5	Chrysene-d12	13311	21.295				
1520-96-3	Perylene-d12	10219	23.513				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.97	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	E1L65	SDG No.:	BM103124
Lab Sample ID:	P4534-05	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048394.D	1	10/25/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164424

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	5.582		15-120		70	SPK: -8
93951-69-0	Fluoranthene-d10	0.59	*	30-130		147	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.39		30-130		97	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3698		7.708			
1146-65-2	Naphthalene-d8	12160		10.491			
15067-26-2	Acenaphthene-d10	6768		14.349			

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	E1L65	SDG No.:	BM103124
Lab Sample ID:	P4534-05	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
BM048394.D	1	10/25/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14106	17.091				
1719-03-5	Chrysene-d12	11617	21.298				
1520-96-3	Perylene-d12	8871	23.513				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	E1L67	SDG No.:	BM103124
Lab Sample ID:	P4534-06	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
BM048395.D	1	10/25/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164424

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	5.096		15-120		64	SPK: -8
93951-69-0	Fluoranthene-d10	0.565	*	30-130		141	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	3850		7.708			
1146-65-2	Naphthalene-d8	12538		10.491			
15067-26-2	Acenaphthene-d10	6807		14.35			

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	E1L67	SDG No.:	BM103124
Lab Sample ID:	P4534-06	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
BM048395.D	1	10/25/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13695	17.091				
1719-03-5	Chrysene-d12	10678	21.298				
1520-96-3	Perylene-d12	8102	23.513				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	E1L78	SDG No.:	BM103124
Lab Sample ID:	P4534-07	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
BM048396.D	1	10/25/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164424

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	5.081		15-120		64	SPK: -8
93951-69-0	Fluoranthene-d10	0.62	*	30-130		155	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.359		30-130		90	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3763		7.708			
1146-65-2	Naphthalene-d8	12224		10.49			
15067-26-2	Acenaphthene-d10	6579		14.348			

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	E1L78	SDG No.:	BM103124
Lab Sample ID:	P4534-07	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
BM048396.D	1	10/25/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13391	17.094				
1719-03-5	Chrysene-d12	10330	21.295				
1520-96-3	Perylene-d12	7347	23.513				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	F7H04DL	SDG No.:	BM103124
Lab Sample ID:	P4592-04DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	12.6
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048397.D	5	10/29/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164507

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	5.1	U	5.1	0	38	ug/Kg
91-20-3	Naphthalene	240	D	1.1	4.7	19	ug/Kg
90-12-0	1-Methylnaphthalene	83	D	3	4.7	19	ug/Kg
91-57-6	2-Methylnaphthalene	150	D	1.1	4.7	19	ug/Kg
208-96-8	Acenaphthylene	40	D	1.9	4.7	19	ug/Kg
83-32-9	Acenaphthene	430	ED	1	4.7	19	ug/Kg
86-73-7	Fluorene	390	ED	1.3	4.7	19	ug/Kg
87-86-5	Pentachlorophenol	11	U	11	9.6	38	ug/Kg
85-01-8	Phenanthrene	2000	ED	1	4.7	19	ug/Kg
120-12-7	Anthracene	460	ED	0.97	4.7	19	ug/Kg
206-44-0	Fluoranthene	1800	ED	1	4.7	19	ug/Kg
129-00-0	Pyrene	1300	ED	1.4	4.7	19	ug/Kg
56-55-3	Benzo(a)anthracene	530	ED	0.53	4.7	19	ug/Kg
218-01-9	Chrysene	410	ED	1.4	4.7	19	ug/Kg
205-99-2	Benzo(b)fluoranthene	560	ED	2.7	4.7	19	ug/Kg
207-08-9	Benzo(k)fluoranthene	170	D	1.8	4.7	19	ug/Kg
50-32-8	Benzo(a)pyrene	310	ED	1.8	4.7	19	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	130	D	3	4.7	19	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	40	D	2.7	4.7	19	ug/Kg
191-24-2	Benzo(g,h,i)perylene	150	D	4.3	4.7	19	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.625		15-120		45	SPK: -8
93951-69-0	Fluoranthene-d10	0.325		30-130		81	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.275		20-140		69	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4015		7.716			
1146-65-2	Naphthalene-d8	12823		10.501			
15067-26-2	Acenaphthene-d10	7478		14.353			

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	F7H04DL	SDG No.:	BM103124
Lab Sample ID:	P4592-04DL	Matrix:	Solid
Analytical Method:	SFAM_SVOASIM	% Moisture:	12.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048397.D	5	10/29/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164507

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14678	17.094				
1719-03-5	Chrysene-d12	12567	21.272				
1520-96-3	Perylene-d12	11224	23.511				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	5.1	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	E1L98	SDG No.:	BM103124
Lab Sample ID:	P4534-08	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
BM048398.D	1	10/25/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164424

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	4.983		15-120		62	SPK: -8
93951-69-0	Fluoranthene-d10	0.625	*	30-130		156	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	3981		7.708			
1146-65-2	Naphthalene-d8	12921		10.49			
15067-26-2	Acenaphthene-d10	6951		14.348			

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	E1L98	SDG No.:	BM103124
Lab Sample ID:	P4534-08	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048398.D	1	10/25/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14105	17.094				
1719-03-5	Chrysene-d12	10292	21.301				
1520-96-3	Perylene-d12	6795	23.514				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	SBLK424	SDG No.:	BM103124
Lab Sample ID:	PB164424BL	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
BM048399.D	1	10/25/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164424

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	5.476		15-120		68	SPK: -8
93951-69-0	Fluoranthene-d10	0.407		30-130		102	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.316		30-130		79	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4253	7.708				
1146-65-2	Naphthalene-d8	13630	10.491				
15067-26-2	Acenaphthene-d10	7285	14.349				

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	SBLK424	SDG No.:	BM103124
Lab Sample ID:	PB164424BL	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
BM048399.D	1	10/25/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14598	17.095				
1719-03-5	Chrysene-d12	11046	21.303				
1520-96-3	Perylene-d12	7765	23.516				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	SLCS424	SDG No.:	BM103124
Lab Sample ID:	PB164424BS	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
BM048400.D	1	10/25/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	2.5		0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.37		0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.39		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	0.37		0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.39		0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.37		0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.57		0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.36		0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.34		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.43		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	0.34		0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.44		0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.39		0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.43		0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.41		0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.39		0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.39		0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.41		0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.034	*	15-120		129	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.469		30-130		117	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.403		30-130		101	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2752	7.788				
1146-65-2	Naphthalene-d8	10408	10.546				
15067-26-2	Acenaphthene-d10	6068	14.373				

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	SLCS424	SDG No.:	BM103124
Lab Sample ID:	PB164424BS	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
BM048400.D	1	10/25/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	12325	17.133				
1719-03-5	Chrysene-d12	10257	21.303				
1520-96-3	Perylene-d12	10389	23.539				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/29/2024 12:00:00 AM
Project:		Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	SBLK517	SDG No.:	BM103124
Lab Sample ID:	PB164517BL	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
BM048402.D	1	10/29/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164517

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	5.41		15-120		68	SPK: -8
93951-69-0	Fluoranthene-d10	0.41		30-130		102	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	4629	7.708				
1146-65-2	Naphthalene-d8	14688	10.49				
15067-26-2	Acenaphthene-d10	7837	14.348				

Report of Analysis

Client:		Date Collected:	10/29/2024 12:00:00 AM
Project:		Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	SBLK517	SDG No.:	BM103124
Lab Sample ID:	PB164517BL	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
BM048402.D	1	10/29/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164517

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15758	17.093				
1719-03-5	Chrysene-d12	11961	21.304				
1520-96-3	Perylene-d12	7961	23.516				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/28/2024 12:00:00 AM
Project:		Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	SBLK490	SDG No.:	BM103124
Lab Sample ID:	PB164490BL	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
BM048403.D	1	10/28/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164490

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	5.77		15-120		72	SPK: -8
93951-69-0	Fluoranthene-d10	0.465		30-130		116	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.341		30-130		85	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4574	7.708				
1146-65-2	Naphthalene-d8	14563	10.491				
15067-26-2	Acenaphthene-d10	7798	14.349				

Report of Analysis

Client:		Date Collected:	10/28/2024 12:00:00 AM
Project:		Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	SBLK490	SDG No.:	BM103124
Lab Sample ID:	PB164490BL	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
BM048403.D	1	10/28/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164490

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15638	17.095				
1719-03-5	Chrysene-d12	10793	21.306				
1520-96-3	Perylene-d12	6777	23.519				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	C0PI5	SDG No.:	BM103124
Lab Sample ID:	P4583-01	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
BM048404.D	1	10/29/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164517

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	4.662		15-120		58	SPK: -8
93951-69-0	Fluoranthene-d10	0.513		30-130		128	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.36		30-130		90	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4456		7.708			
1146-65-2	Naphthalene-d8	14109		10.49			
15067-26-2	Acenaphthene-d10	7789		14.348			

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	C0PI5	SDG No.:	BM103124
Lab Sample ID:	P4583-01	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
BM048404.D	1	10/29/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164517

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15749	17.089				
1719-03-5	Chrysene-d12	11773	21.301				
1520-96-3	Perylene-d12	7907	23.519				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	C0P11	SDG No.:	BM103124
Lab Sample ID:	P4583-02	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048405.D	1	10/29/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164517

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.03	U	0.03	0	0.2	ug/L
91-20-3	Naphthalene	0.03	J	0	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.02	U	0.02	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.01	U	0.01	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.01	U	0.01	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.01	U	0.01	0.05	0.1	ug/L
86-73-7	Fluorene	0.01	U	0.01	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.06	U	0.06	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.01	U	0.01	0.05	0.1	ug/L
120-12-7	Anthracene	0.01	U	0.01	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
129-00-0	Pyrene	0.01	U	0.01	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0	U	0	0.05	0.1	ug/L
218-01-9	Chrysene	0.01	U	0.01	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.02	U	0.02	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.02	U	0.02	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.01	U	0.01	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.02	U	0.02	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.315		15-120		54	SPK: -8
93951-69-0	Fluoranthene-d10	0.506		30-130		126	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.376		30-130		94	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4166		7.708			
1146-65-2	Naphthalene-d8	12949		10.49			
15067-26-2	Acenaphthene-d10	7210		14.348			

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	C0P11	SDG No.:	BM103124
Lab Sample ID:	P4583-02	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048405.D	1	10/29/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164517

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14355	17.089				
1719-03-5	Chrysene-d12	11203	21.301				
1520-96-3	Perylene-d12	7611	23.516				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	F7H51	SDG No.:	BM103124
Lab Sample ID:	P4592-13	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
BM048406.D	1	10/29/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164517

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.04	J	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.02	J	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.558		15-120		57	SPK: -8
93951-69-0	Fluoranthene-d10	0.555	*	30-130		139	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.419		30-130		105	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3891		7.708			
1146-65-2	Naphthalene-d8	12733		10.49			
15067-26-2	Acenaphthene-d10	7249		14.348			

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	F7H51	SDG No.:	BM103124
Lab Sample ID:	P4592-13	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
BM048406.D	1	10/29/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164517

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	15397	17.089				
1719-03-5	Chrysene-d12	12364	21.301				
1520-96-3	Perylene-d12	8590	23.513				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	E1L96	SDG No.:	BM103124
Lab Sample ID:	P4558-12	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
BM048407.D	1	10/29/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164517

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.769		15-120		47	SPK: -8
93951-69-0	Fluoranthene-d10	0.478		30-130		119	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.277		30-130		69	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4506	7.708				
1146-65-2	Naphthalene-d8	14452	10.49				
15067-26-2	Acenaphthene-d10	7706	14.348				

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	E1L96	SDG No.:	BM103124
Lab Sample ID:	P4558-12	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
BM048407.D	1	10/29/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164517

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	16046	17.094				
1719-03-5	Chrysene-d12	12423	21.298				
1520-96-3	Perylene-d12	8540	23.516				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	E1L81	SDG No.:	BM103124
Lab Sample ID:	P4558-03	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048408.D	1	10/28/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164490

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	4.162		15-120		52	SPK: -8
93951-69-0	Fluoranthene-d10	0.481		30-130		120	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.326		30-130		81	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4622	7.708				
1146-65-2	Naphthalene-d8	15519	10.49				
15067-26-2	Acenaphthene-d10	8526	14.348				

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	E1L81	SDG No.:	BM103124
Lab Sample ID:	P4558-03	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048408.D	1	10/28/2024 12:00:00 AM	11/1/2024 12:00:00 AM	PB164490

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	18055	17.089				
1719-03-5	Chrysene-d12	14855	21.295				
1520-96-3	Perylene-d12	12107	23.514				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	E1L82	SDG No.:	BM103124
Lab Sample ID:	P4558-04	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
BM048409.D	1	10/28/2024 12:00:00 AM	11/2/2024 12:00:00 AM	PB164490

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.029	U	0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.0043	U	0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.015	U	0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.0053	U	0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.012	U	0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.0074	U	0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.0067	U	0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.063	U	0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.0068	U	0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.008	U	0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.0079	U	0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.006	U	0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.0036	U	0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.0077	U	0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.013	U	0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.0098	U	0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.017	U	0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.017	U	0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.014	U	0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.022	U	0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.318		15-120		79	SPK: -8
93951-69-0	Fluoranthene-d10	1.079	*	30-130		270	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.701	*	30-130		175	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4344		7.708			
1146-65-2	Naphthalene-d8	14036		10.491			
15067-26-2	Acenaphthene-d10	8204		14.349			

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	E1L82	SDG No.:	BM103124
Lab Sample ID:	P4558-04	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
BM048409.D	1	10/28/2024 12:00:00 AM	11/2/2024 12:00:00 AM	PB164490

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	22536	17.095				
1719-03-5	Chrysene-d12	12974	21.283				
1520-96-3	Perylene-d12	9817	23.51				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	E1L89	SDG No.:	BM103124
Lab Sample ID:	P4558-05	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048410.D	1	10/28/2024 12:00:00 AM	11/2/2024 12:00:00 AM	PB164490

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.03	U	0.03	0	0.2	ug/L
91-20-3	Naphthalene	0	U	0	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.02	U	0.02	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.01	U	0.01	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.01	U	0.01	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.01	U	0.01	0.05	0.1	ug/L
86-73-7	Fluorene	0.01	U	0.01	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.06	U	0.06	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.01	U	0.01	0.05	0.1	ug/L
120-12-7	Anthracene	0.01	U	0.01	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
129-00-0	Pyrene	0.01	U	0.01	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0	U	0	0.05	0.1	ug/L
218-01-9	Chrysene	0.01	U	0.01	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.01	U	0.01	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.02	U	0.02	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.02	U	0.02	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.01	U	0.01	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.02	U	0.02	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.743		15-120		59	SPK: -8
93951-69-0	Fluoranthene-d10	0.544	*	30-130		136	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.385		30-130		96	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	5043		7.708			
1146-65-2	Naphthalene-d8	16177		10.49			
15067-26-2	Acenaphthene-d10	8315		14.348			

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	E1L89	SDG No.:	BM103124
Lab Sample ID:	P4558-05	Matrix:	Water
Analytical Method:	SFAM_SVOASIM	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	
Injection Volume :		Level :	LOW
		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048410.D	1	10/28/2024 12:00:00 AM	11/2/2024 12:00:00 AM	PB164490

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	16670	17.089				
1719-03-5	Chrysene-d12	13046	21.295				
1520-96-3	Perylene-d12	10139	23.511				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.03	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	E1L91	SDG No.:	BM103124
Lab Sample ID:	P4558-06	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
BM048411.D	1	10/28/2024 12:00:00 AM	11/2/2024 12:00:00 AM	PB164490

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	4.304		15-120		54	SPK: -8
93951-69-0	Fluoranthene-d10	0.462		30-130		115	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.318		30-130		79	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4509		7.708			
1146-65-2	Naphthalene-d8	14432		10.49			
15067-26-2	Acenaphthene-d10	7897		14.348			

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	E1L91	SDG No.:	BM103124
Lab Sample ID:	P4558-06	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
BM048411.D	1	10/28/2024 12:00:00 AM	11/2/2024 12:00:00 AM	PB164490

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	18960	17.089				
1719-03-5	Chrysene-d12	15356	21.277				
1520-96-3	Perylene-d12	13290	23.505				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/28/2024 12:00:00 AM
Project:		Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	SLCS490	SDG No.:	BM103124
Lab Sample ID:	PB164490BS	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
BM048412.D	1	10/28/2024 12:00:00 AM	11/2/2024 12:00:00 AM	PB164490

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	2.4		0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.39		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	0.39		0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.4		0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.38		0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.7		0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.38		0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.36		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.45		0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.46		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	0.48		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	0.47		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	0.43		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	1.024	*	15-120		128	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.491		30-130		123	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.429		30-130		107	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3019		7.775			
1146-65-2	Naphthalene-d8	11274		10.541			
15067-26-2	Acenaphthene-d10	6555		14.368			

Report of Analysis

Client:		Date Collected:	10/28/2024 12:00:00 AM
Project:		Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	SLCS490	SDG No.:	BM103124
Lab Sample ID:	PB164490BS	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
BM048412.D	1	10/28/2024 12:00:00 AM	11/2/2024 12:00:00 AM	PB164490

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	13639	17.124				
1719-03-5	Chrysene-d12	11502	21.295				
1520-96-3	Perylene-d12	11483	23.536				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/29/2024 12:00:00 AM
Project:		Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	SLCS517	SDG No.:	BM103124
Lab Sample ID:	PB164517BS	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
BM048413.D	1	10/29/2024 12:00:00 AM	11/2/2024 12:00:00 AM	PB164517

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	2.3		0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.32		0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.34		0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.3		0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.32		0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.33		0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.32		0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.59		0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.32		0.0068	0.05	0.1	ug/L
120-12-7	Anthracene	0.3		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.37		0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.37		0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.31		0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.38		0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.34		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	0.35		0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.33		0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.33		0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.34		0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.905		15-120		113	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.408		30-130		102	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.35		30-130		88	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2982	7.792				
1146-65-2	Naphthalene-d8	11575	10.546				
15067-26-2	Acenaphthene-d10	6879	14.368				

Report of Analysis

Client:		Date Collected:	10/29/2024 12:00:00 AM
Project:		Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	SLCS517	SDG No.:	BM103124
Lab Sample ID:	PB164517BS	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
BM048413.D	1	10/29/2024 12:00:00 AM	11/2/2024 12:00:00 AM	PB164517

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14538	17.129				
1719-03-5	Chrysene-d12	12484	21.298				
1520-96-3	Perylene-d12	12770	23.534				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	E1L92	SDG No.:	BM103124
Lab Sample ID:	P4558-07	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
BM048414.D	1	10/29/2024 12:00:00 AM	11/2/2024 12:00:00 AM	PB164513

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	5.037		15-120		63	SPK: -8
93951-69-0	Fluoranthene-d10	0.551	*	30-130		138	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.316		30-130		79	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4155		7.708			
1146-65-2	Naphthalene-d8	13270		10.491			
15067-26-2	Acenaphthene-d10	7078		14.349			

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	E1L92	SDG No.:	BM103124
Lab Sample ID:	P4558-07	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
BM048414.D	1	10/29/2024 12:00:00 AM	11/2/2024 12:00:00 AM	PB164513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14411	17.091				
1719-03-5	Chrysene-d12	11445	21.298				
1520-96-3	Perylene-d12	8152	23.51				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	E1L92MS	SDG No.:	BM103124
Lab Sample ID:	P4558-08MS	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
BM048415.D	1	10/29/2024 12:00:00 AM	11/2/2024 12:00:00 AM	PB164513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2		0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.36		0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.38		0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.33		0.0053	0.05	0.1	ug/L
208-96-8	Acenaphthylene	0.37		0.012	0.05	0.1	ug/L
83-32-9	Acenaphthene	0.39		0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.39		0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.9		0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.46		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	0.5		0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.49		0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.42		0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.51		0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.47		0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.52		0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.47		0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.46		0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.46		0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.48		0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.424		15-120		53	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.539	*	30-130		135	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	2382	7.788				
1146-65-2	Naphthalene-d8	9484	10.551				
15067-26-2	Acenaphthene-d10	5637	14.363				

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	E1L92MS	SDG No.:	BM103124
Lab Sample ID:	P4558-08MS	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
BM048415.D	1	10/29/2024 12:00:00 AM	11/2/2024 12:00:00 AM	PB164513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	10595	17.12				
1719-03-5	Chrysene-d12	10171	21.289				
1520-96-3	Perylene-d12	10160	23.528				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	E1L92MSD	SDG No.:	BM103124
Lab Sample ID:	P4558-09MSD	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
BM048416.D	1	10/29/2024 12:00:00 AM	11/2/2024 12:00:00 AM	PB164513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.1		0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.35		0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.37		0.015	0.05	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.33		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	0.38		0.0074	0.05	0.1	ug/L
86-73-7	Fluorene	0.38		0.0067	0.05	0.1	ug/L
87-86-5	Pentachlorophenol	0.89		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	0.42		0.008	0.05	0.1	ug/L
206-44-0	Fluoranthene	0.5		0.0079	0.05	0.1	ug/L
129-00-0	Pyrene	0.49		0.006	0.05	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.42		0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.5		0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.48		0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.5		0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.46		0.017	0.05	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.46		0.017	0.05	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.46		0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.48		0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.424		15-120		53	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.531	*	30-130		133	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.381		30-130		95	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2636	7.775				
1146-65-2	Naphthalene-d8	10111	10.546				
15067-26-2	Acenaphthene-d10	5963	14.363				

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	E1L92MSD	SDG No.:	BM103124
Lab Sample ID:	P4558-09MSD	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
BM048416.D	1	10/29/2024 12:00:00 AM	11/2/2024 12:00:00 AM	PB164513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11165	17.12				
1719-03-5	Chrysene-d12	10680	21.289				
1520-96-3	Perylene-d12	10652	23.525				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/29/2024 12:00:00 AM
Project:		Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	SBLK513	SDG No.:	BM103124
Lab Sample ID:	PB164513BL	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
BM048417.D	1	10/29/2024 12:00:00 AM	11/2/2024 12:00:00 AM	PB164513

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	5.501		15-120		69	SPK: -8
93951-69-0	Fluoranthene-d10	0.406		30-130		101	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.309		30-130		77	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4364	7.708				
1146-65-2	Naphthalene-d8	13799	10.49				
15067-26-2	Acenaphthene-d10	7287	14.348				

Report of Analysis

Client:		Date Collected:	10/29/2024 12:00:00 AM
Project:		Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	SBLK513	SDG No.:	BM103124
Lab Sample ID:	PB164513BL	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
BM048417.D	1	10/29/2024 12:00:00 AM	11/2/2024 12:00:00 AM	PB164513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	14470	17.089				
1719-03-5	Chrysene-d12	11019	21.301				
1520-96-3	Perylene-d12	6510	23.511				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/29/2024 12:00:00 AM
Project:		Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	SLCS513	SDG No.:	BM103124
Lab Sample ID:	PB164513BS	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
BM048418.D	1	10/29/2024 12:00:00 AM	11/2/2024 12:00:00 AM	PB164513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	2.5		0.029	0	0.2	ug/L
91-20-3	Naphthalene	0.39		0.0043	0.05	0.1	ug/L
90-12-0	1-Methylnaphthalene	0.4		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	0.39		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	0.61		0.063	0.1	0.2	ug/L
85-01-8	Phenanthrene	0.37		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	0.47		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	0.37		0.0036	0.05	0.1	ug/L
218-01-9	Chrysene	0.51		0.0077	0.05	0.1	ug/L
205-99-2	Benzo(b)fluoranthene	0.46		0.013	0.05	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.51		0.0098	0.05	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.48		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	0.43		0.014	0.05	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.47		0.022	0.05	0.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.095	*	15-120		137	SPK: -0.8
93951-69-0	Fluoranthene-d10	0.518		30-130		129	SPK: -0.4
7297-45-2	2-Methylnaphthalene-d10	0.419		30-130		105	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2506		7.813			
1146-65-2	Naphthalene-d8	8822		10.557			
15067-26-2	Acenaphthene-d10	5160		14.372			

Report of Analysis

Client:		Date Collected:	10/29/2024 12:00:00 AM
Project:		Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	SLCS513	SDG No.:	BM103124
Lab Sample ID:	PB164513BS	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
BM048418.D	1	10/29/2024 12:00:00 AM	11/2/2024 12:00:00 AM	PB164513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1517-22-2	Phenanthrene-d10	11037	17.133				
1719-03-5	Chrysene-d12	8899	21.303				
1520-96-3	Perylene-d12	8588	23.539				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.029	U			99	ug/L

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

Hit Summary Sheet

SW-846

SDG No.: BM103124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID :	F7H26							
P4530-01	F7H26	Solid	Total Alkanes	*	0.000	1	7.9	ug/Kg
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	F7H27							
P4530-02	F7H27	Solid	Total Alkanes	*	0.000	1	7.6	ug/Kg
			Total Tics :			0.00		
P4530-02	F7H27	Solid	Benzo(a)anthracene		2.100	J 0.11	3.8	ug/Kg
P4530-02	F7H27	Solid	Benzo(a)pyrene		2.300	J 0.36	3.8	ug/Kg
P4530-02	F7H27	Solid	Benzo(b)fluoranthene		6.200	0.54	3.8	ug/Kg
P4530-02	F7H27	Solid	Benzo(g,h,i)perylene		2.100	J 0.86	3.8	ug/Kg
P4530-02	F7H27	Solid	Benzo(k)fluoranthene		2.300	J 0.36	3.8	ug/Kg
P4530-02	F7H27	Solid	Chrysene		2.400	J 0.29	3.8	ug/Kg
P4530-02	F7H27	Solid	Dibenzo(a,h)anthracene		0.910	J 0.54	3.8	ug/Kg
P4530-02	F7H27	Solid	Fluoranthene		2.900	J 0.21	3.8	ug/Kg
P4530-02	F7H27	Solid	Indeno(1,2,3-cd)pyrene		1.900	J 0.59	3.8	ug/Kg
P4530-02	F7H27	Solid	Pyrene		3.200	J 0.27	3.8	ug/Kg
			Total Svoc :			26.31		
			Total Concentration:			26.31		
Client ID :	F7H28							
P4530-04	F7H28	Solid	Total Alkanes	*	0.000	0.99	7.5	ug/Kg
			Total Tics :			0.00		
P4530-04	F7H28	Solid	1-Methylnaphthalene		1.100	J 0.58	3.7	ug/Kg
P4530-04	F7H28	Solid	2-Methylnaphthalene		2.100	J 0.21	3.7	ug/Kg
P4530-04	F7H28	Solid	Benzo(a)anthracene		3.600	J 0.1	3.7	ug/Kg
P4530-04	F7H28	Solid	Benzo(a)pyrene		3.700	0.36	3.7	ug/Kg
P4530-04	F7H28	Solid	Benzo(b)fluoranthene		7.600	0.52	3.7	ug/Kg
P4530-04	F7H28	Solid	Benzo(g,h,i)perylene		2.600	J 0.84	3.7	ug/Kg
P4530-04	F7H28	Solid	Benzo(k)fluoranthene		3.200	J 0.36	3.7	ug/Kg
P4530-04	F7H28	Solid	Chrysene		2.100	J 0.28	3.7	ug/Kg
P4530-04	F7H28	Solid	Dibenzo(a,h)anthracene		0.820	J 0.52	3.7	ug/Kg
P4530-04	F7H28	Solid	Fluoranthene		2.500	J 0.2	3.7	ug/Kg
P4530-04	F7H28	Solid	Indeno(1,2,3-cd)pyrene		2.300	J 0.58	3.7	ug/Kg
P4530-04	F7H28	Solid	Pyrene		4.100	0.27	3.7	ug/Kg
			Total Svoc :			35.72		
			Total Concentration:			35.72		

Client ID : F7H29

Hit Summary Sheet SW-846

SDG No.: BM103124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4530-05	F7H29	Solid	Total Alkanes	*	0.000	1	7.7	ug/Kg
Total Tics :						0.00		
Total Concentration:						0.00		
Client ID : F7H30								
P4530-06	F7H30	Solid	Total Alkanes	*	0.000	1.1	8.2	ug/Kg
Total Tics :						0.00		
Total Concentration:						0.00		
Client ID : F7H31								
P4530-07	F7H31	Solid	Total Alkanes	*	0.000	1	7.5	ug/Kg
Total Tics :						0.00		
P4530-07	F7H31	Solid	Benzo(a)anthracene		2.700	J 0.1	3.7	ug/Kg
P4530-07	F7H31	Solid	Benzo(a)pyrene		3.100	J 0.36	3.7	ug/Kg
P4530-07	F7H31	Solid	Benzo(b)fluoranthene		6.200	0.53	3.7	ug/Kg
P4530-07	F7H31	Solid	Benzo(g,h,i)perylene		2.400	J 0.84	3.7	ug/Kg
P4530-07	F7H31	Solid	Benzo(k)fluoranthene		2.400	J 0.36	3.7	ug/Kg
P4530-07	F7H31	Solid	Chrysene		1.800	J 0.28	3.7	ug/Kg
P4530-07	F7H31	Solid	Dibenzo(a,h)anthracene		0.900	J 0.53	3.7	ug/Kg
P4530-07	F7H31	Solid	Fluoranthene		2.000	J 0.2	3.7	ug/Kg
P4530-07	F7H31	Solid	Indeno(1,2,3-cd)pyrene		2.100	J 0.58	3.7	ug/Kg
P4530-07	F7H31	Solid	Pyrene		3.200	J 0.27	3.7	ug/Kg
Total Svoc :						26.80		
Total Concentration:						26.80		
Client ID : F7H32								
P4530-08	F7H32	Solid	Total Alkanes	*	0.000	1.1	8.4	ug/Kg
Total Tics :						0.00		
Total Concentration:						0.00		
Client ID : F7H33								
P4530-09	F7H33	Solid	Total Alkanes	*	0.000	1	7.6	ug/Kg
Total Tics :						0.00		
Total Concentration:						0.00		
Client ID : F7H34								
P4530-10	F7H34	Solid	Total Alkanes	*	0.000	1	7.8	ug/Kg
Total Tics :						0.00		
Total Concentration:						0.00		
Client ID : F7H38								
P4530-11	F7H38	Solid	Total Alkanes	*	0.000	0.97	7.3	ug/Kg
Total Tics :						0.00		
P4530-11	F7H38	Solid	Benzo(b)fluoranthene		1.400	J 0.51	3.6	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM103124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4530-11	F7H38	Solid	Benzo(k)fluoranthene	0.870	J	0.35	3.6	ug/Kg
Total Svoc :				2.27				
Total Concentration:				2.27				
Client ID : F7H39								
P4530-12	F7H39	Solid	Total Alkanes	*	0.000	1	7.8	ug/Kg
Total Tics :				0.00				
P4530-12	F7H39	Solid	Acenaphthylene	15.000		0.39	3.9	ug/Kg
P4530-12	F7H39	Solid	Anthracene	56.000		0.2	3.9	ug/Kg
P4530-12	F7H39	Solid	Benzo(a)anthracene	110.000	E	0.11	3.9	ug/Kg
P4530-12	F7H39	Solid	Benzo(a)pyrene	110.000	E	0.37	3.9	ug/Kg
P4530-12	F7H39	Solid	Benzo(b)fluoranthene	200.000	E	0.55	3.9	ug/Kg
P4530-12	F7H39	Solid	Benzo(g,h,i)perylene	59.000		0.88	3.9	ug/Kg
P4530-12	F7H39	Solid	Benzo(k)fluoranthene	56.000		0.37	3.9	ug/Kg
P4530-12	F7H39	Solid	Chrysene	100.000	E	0.29	3.9	ug/Kg
P4530-12	F7H39	Solid	Dibenzo(a,h)anthracene	16.000		0.55	3.9	ug/Kg
P4530-12	F7H39	Solid	Fluoranthene	150.000	E	0.21	3.9	ug/Kg
P4530-12	F7H39	Solid	Fluorene	1.100	J	0.26	3.9	ug/Kg
P4530-12	F7H39	Solid	Indeno(1,2,3-cd)pyrene	55.000		0.61	3.9	ug/Kg
P4530-12	F7H39	Solid	Naphthalene	2.000	J	0.23	3.9	ug/Kg
P4530-12	F7H39	Solid	Phenanthrene	8.200		0.21	3.9	ug/Kg
P4530-12	F7H39	Solid	Pyrene	170.000	E	0.28	3.9	ug/Kg
Total Svoc :				1,108.30				
Total Concentration:				1,108.30				
Client ID : F7H39DL								
P4530-12DL	F7H39DL	Solid	Total Alkanes	*	0.000	D 5.2	39	ug/Kg
Total Tics :				0.00				
P4530-12DL	F7H39DL	Solid	Acenaphthylene	12.000	JD	1.9	19	ug/Kg
P4530-12DL	F7H39DL	Solid	Anthracene	52.000	D	0.99	19	ug/Kg
P4530-12DL	F7H39DL	Solid	Benzo(a)anthracene	110.000	D	0.54	19	ug/Kg
P4530-12DL	F7H39DL	Solid	Benzo(a)pyrene	93.000	D	1.9	19	ug/Kg
P4530-12DL	F7H39DL	Solid	Benzo(b)fluoranthene	170.000	D	2.7	19	ug/Kg
P4530-12DL	F7H39DL	Solid	Benzo(g,h,i)perylene	53.000	D	4.4	19	ug/Kg
P4530-12DL	F7H39DL	Solid	Benzo(k)fluoranthene	56.000	D	1.9	19	ug/Kg
P4530-12DL	F7H39DL	Solid	Chrysene	81.000	D	1.5	19	ug/Kg
P4530-12DL	F7H39DL	Solid	Dibenzo(a,h)anthracene	14.000	JD	2.7	19	ug/Kg
P4530-12DL	F7H39DL	Solid	Fluoranthene	140.000	D	1.1	19	ug/Kg
P4530-12DL	F7H39DL	Solid	Indeno(1,2,3-cd)pyrene	47.000	D	3	19	ug/Kg
P4530-12DL	F7H39DL	Solid	Phenanthrene	7.800	JD	1.1	19	ug/Kg
P4530-12DL	F7H39DL	Solid	Pyrene	170.000	D	1.4	19	ug/Kg
Total Svoc :				1,005.80				

Hit Summary Sheet SW-846

SDG No.: BM103124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				1,005.80				
Client ID : F7H40								
P4530-13	F7H40	Solid	Total Alkanes	*	0.000	1.1	8.1	ug/Kg
Total Tics :				0.00				
P4530-13	F7H40	Solid	Acenaphthylene		1.300	J 0.4	4	ug/Kg
P4530-13	F7H40	Solid	Anthracene		8.400	0.21	4	ug/Kg
P4530-13	F7H40	Solid	Benzo(a)anthracene		8.400	0.11	4	ug/Kg
P4530-13	F7H40	Solid	Benzo(a)pyrene		6.600	0.39	4	ug/Kg
P4530-13	F7H40	Solid	Benzo(b)fluoranthene		13.000	0.57	4	ug/Kg
P4530-13	F7H40	Solid	Benzo(g,h,i)perylene		4.300	0.9	4	ug/Kg
P4530-13	F7H40	Solid	Benzo(k)fluoranthene		4.100	0.39	4	ug/Kg
P4530-13	F7H40	Solid	Chrysene		6.400	0.3	4	ug/Kg
P4530-13	F7H40	Solid	Dibenzo(a,h)anthracene		1.300	J 0.57	4	ug/Kg
P4530-13	F7H40	Solid	Fluoranthene		13.000	0.22	4	ug/Kg
P4530-13	F7H40	Solid	Indeno(1,2,3-cd)pyrene		3.800	J 0.63	4	ug/Kg
P4530-13	F7H40	Solid	Phenanthrene		1.400	J 0.22	4	ug/Kg
P4530-13	F7H40	Solid	Pyrene		15.000	0.29	4	ug/Kg
Total Svoc :				87.00				
Total Concentration:				87.00				
Client ID : F7H41								
P4530-14	F7H41	Solid	Total Alkanes	*	0.000	0.98	7.4	ug/Kg
Total Tics :				0.00				
P4530-14	F7H41	Solid	Benzo(b)fluoranthene		1.300	J 0.52	3.6	ug/Kg
P4530-14	F7H41	Solid	Fluoranthene		0.840	J 0.2	3.6	ug/Kg
Total Svoc :				2.14				
Total Concentration:				2.14				
Client ID : F7H42								
P4530-15	F7H42	Solid	Total Alkanes	*	0.000	1	7.5	ug/Kg
Total Tics :				0.00				
P4530-15	F7H42	Solid	Acenaphthylene		3.700	0.37	3.7	ug/Kg
P4530-15	F7H42	Solid	Anthracene		3.200	J 0.19	3.7	ug/Kg
P4530-15	F7H42	Solid	Benzo(a)anthracene		16.000	0.1	3.7	ug/Kg
P4530-15	F7H42	Solid	Benzo(a)pyrene		19.000	0.36	3.7	ug/Kg
P4530-15	F7H42	Solid	Benzo(b)fluoranthene		34.000	0.53	3.7	ug/Kg
P4530-15	F7H42	Solid	Benzo(g,h,i)perylene		12.000	0.84	3.7	ug/Kg
P4530-15	F7H42	Solid	Benzo(k)fluoranthene		9.700	0.36	3.7	ug/Kg
P4530-15	F7H42	Solid	Chrysene		15.000	0.28	3.7	ug/Kg
P4530-15	F7H42	Solid	Dibenzo(a,h)anthracene		3.100	J 0.53	3.7	ug/Kg
P4530-15	F7H42	Solid	Fluoranthene		20.000	0.2	3.7	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM103124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4530-15	F7H42	Solid	Indeno(1,2,3-cd)pyrene	10.000	J	0.58	3.7	ug/Kg
P4530-15	F7H42	Solid	Phenanthrene	2.100	J	0.2	3.7	ug/Kg
P4530-15	F7H42	Solid	Pyrene	27.000		0.27	3.7	ug/Kg
Total Svoc :				174.80				
Total Concentration:				174.80				
Client ID : F7H43								
P4530-16	F7H43	Solid	Total Alkanes	*	0.000	1	7.6	ug/Kg
Total Tics :				0.00				
P4530-16	F7H43	Solid	Benzo(a)anthracene	1.200	J	0.11	3.8	ug/Kg
P4530-16	F7H43	Solid	Benzo(a)pyrene	0.950	J	0.36	3.8	ug/Kg
P4530-16	F7H43	Solid	Benzo(b)fluoranthene	2.500	J	0.54	3.8	ug/Kg
P4530-16	F7H43	Solid	Benzo(g,h,i)perylene	0.950	J	0.85	3.8	ug/Kg
P4530-16	F7H43	Solid	Benzo(k)fluoranthene	0.990	J	0.36	3.8	ug/Kg
P4530-16	F7H43	Solid	Chrysene	1.000	J	0.28	3.8	ug/Kg
P4530-16	F7H43	Solid	Fluoranthene	1.200	J	0.21	3.8	ug/Kg
P4530-16	F7H43	Solid	Indeno(1,2,3-cd)pyrene	0.870	J	0.59	3.8	ug/Kg
P4530-16	F7H43	Solid	Pyrene	1.500	J	0.27	3.8	ug/Kg
Total Svoc :				11.16				
Total Concentration:				11.16				
Client ID : F7H44								
P4530-17	F7H44	Solid	Total Alkanes	*	0.000	1	7.5	ug/Kg
Total Tics :				0.00				
P4530-17	F7H44	Solid	Benzo(a)anthracene	1.200	J	0.1	3.7	ug/Kg
P4530-17	F7H44	Solid	Benzo(a)pyrene	0.930	J	0.36	3.7	ug/Kg
P4530-17	F7H44	Solid	Benzo(b)fluoranthene	2.300	J	0.53	3.7	ug/Kg
P4530-17	F7H44	Solid	Benzo(g,h,i)perylene	0.930	J	0.84	3.7	ug/Kg
P4530-17	F7H44	Solid	Benzo(k)fluoranthene	0.860	J	0.36	3.7	ug/Kg
P4530-17	F7H44	Solid	Chrysene	1.000	J	0.28	3.7	ug/Kg
P4530-17	F7H44	Solid	Fluoranthene	1.200	J	0.2	3.7	ug/Kg
P4530-17	F7H44	Solid	Indeno(1,2,3-cd)pyrene	0.820	J	0.58	3.7	ug/Kg
Total Svoc :				9.24				
Total Concentration:				9.24				
Client ID : E1L65								
P4534-05	E1L65	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
Total Tics :				0.00				
Total Concentration:				0.00				
Client ID : E1L67								
P4534-06	E1L67	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
Total Tics :				0.00				

Hit Summary Sheet
SW-846

SDG No.: BM103124

Client:

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
			Total Concentration:				0.00		
Client ID :	E1L78								
P4534-07	E1L78	Water	Total Alkanes	*	0.000		0.029	0.2	ug/L
			Total Tics :				0.00		
			Total Concentration:				0.00		
Client ID :	E1L98								
P4534-08	E1L98	Water	Total Alkanes	*	0.000		0.029	0.2	ug/L
			Total Tics :				0.00		
			Total Concentration:				0.00		
Client ID :	E1L81								
P4558-03	E1L81	Water	Total Alkanes	*	0.000		0.029	0.2	ug/L
			Total Tics :				0.00		
			Total Concentration:				0.00		
Client ID :	E1L82								
P4558-04	E1L82	Water	Total Alkanes	*	0.000		0.029	0.2	ug/L
			Total Tics :				0.00		
			Total Concentration:				0.00		
Client ID :	E1L89								
P4558-05	E1L89	Water	Total Alkanes	*	0.000		0.03	0.2	ug/L
			Total Tics :				0.00		
			Total Concentration:				0.00		
Client ID :	E1L91								
P4558-06	E1L91	Water	Total Alkanes	*	0.000		0.029	0.2	ug/L
			Total Tics :				0.00		
			Total Concentration:				0.00		
Client ID :	E1L92								
P4558-07	E1L92	Water	Total Alkanes	*	0.000		0.029	0.2	ug/L
			Total Tics :				0.00		
			Total Concentration:				0.00		
Client ID :	E1L96								
P4558-12	E1L96	Water	Total Alkanes	*	0.000		0.029	0.2	ug/L
			Total Tics :				0.00		
			Total Concentration:				0.00		
Client ID :	C0P15								
P4583-01	C0P15	Water	Total Alkanes	*	0.000		0.029	0.2	ug/L
			Total Tics :				0.00		

Hit Summary Sheet SW-846

SDG No.: BM103124

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
			Total Concentration:	0.00				
Client ID : C0P11								
P4583-02	C0P11	Water	Total Alkanes	*	0.000	0.03	0.2	ug/L
			Total Tics :	0.00				
P4583-02	C0P11	Water	Naphthalene		0.030	J 0	0.1	ug/L
			Total Svoc :	0.03				
			Total Concentration:	0.03				
Client ID : F7H01								
P4592-01	F7H01	Solid	Total Alkanes	*	0.000	1	7.6	ug/Kg
			Total Tics :	0.00				
P4592-01	F7H01	Solid	Benzo(a)anthracene		3.600	J 0.11	3.8	ug/Kg
P4592-01	F7H01	Solid	Benzo(a)pyrene		3.300	J 0.36	3.8	ug/Kg
P4592-01	F7H01	Solid	Benzo(b)fluoranthene		7.400	0.54	3.8	ug/Kg
P4592-01	F7H01	Solid	Benzo(g,h,i)perylene		2.000	J 0.85	3.8	ug/Kg
P4592-01	F7H01	Solid	Benzo(k)fluoranthene		2.700	J 0.36	3.8	ug/Kg
P4592-01	F7H01	Solid	Chrysene		2.700	J 0.28	3.8	ug/Kg
P4592-01	F7H01	Solid	Dibenzo(a,h)anthracene		0.800	J 0.54	3.8	ug/Kg
P4592-01	F7H01	Solid	Fluoranthene		4.200	0.21	3.8	ug/Kg
P4592-01	F7H01	Solid	Indeno(1,2,3-cd)pyrene		1.900	J 0.59	3.8	ug/Kg
P4592-01	F7H01	Solid	Phenanthrene		1.200	J 0.21	3.8	ug/Kg
P4592-01	F7H01	Solid	Pyrene		4.300	0.27	3.8	ug/Kg
			Total Svoc :	34.10				
			Total Concentration:	34.10				
Client ID : F7H02								
P4592-02	F7H02	Solid	Total Alkanes	*	0.000	1	7.8	ug/Kg
			Total Tics :	0.00				
P4592-02	F7H02	Solid	Acenaphthene		2.800	J 0.21	3.9	ug/Kg
P4592-02	F7H02	Solid	Anthracene		1.100	J 0.2	3.9	ug/Kg
P4592-02	F7H02	Solid	Benzo(a)anthracene		2.800	J 0.11	3.9	ug/Kg
P4592-02	F7H02	Solid	Benzo(a)pyrene		2.300	J 0.37	3.9	ug/Kg
P4592-02	F7H02	Solid	Benzo(b)fluoranthene		4.600	0.55	3.9	ug/Kg
P4592-02	F7H02	Solid	Benzo(g,h,i)perylene		1.500	J 0.88	3.9	ug/Kg
P4592-02	F7H02	Solid	Benzo(k)fluoranthene		1.600	J 0.37	3.9	ug/Kg
P4592-02	F7H02	Solid	Chrysene		2.300	J 0.29	3.9	ug/Kg
P4592-02	F7H02	Solid	Fluoranthene		5.400	0.21	3.9	ug/Kg
P4592-02	F7H02	Solid	Fluorene		3.300	J 0.26	3.9	ug/Kg
P4592-02	F7H02	Solid	Indeno(1,2,3-cd)pyrene		1.300	J 0.61	3.9	ug/Kg
P4592-02	F7H02	Solid	Phenanthrene		4.900	0.21	3.9	ug/Kg
P4592-02	F7H02	Solid	Pyrene		5.100	0.28	3.9	ug/Kg

Hit Summary Sheet
SW-846

SDG No.: BM103124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
			Total Svoc :	39.00				
			Total Concentration:	39.00				
Client ID : F7H03								
P4592-03	F7H03	Solid	Total Alkanes	*	0.000	1	7.7	ug/Kg
			Total Tics :	0.00				
P4592-03	F7H03	Solid	Acenaphthene		0.840	J 0.21	3.8	ug/Kg
P4592-03	F7H03	Solid	Fluorene		0.840	J 0.25	3.8	ug/Kg
			Total Svoc :	1.68				
			Total Concentration:	1.68				
Client ID : F7H04								
P4592-04	F7H04	Solid	Total Alkanes	*	0.000	1	7.6	ug/Kg
			Total Tics :	0.00				
P4592-04	F7H04	Solid	1-Methylnaphthalene		71.000	E 0.59	3.8	ug/Kg
P4592-04	F7H04	Solid	2-Methylnaphthalene		140.000	E 0.22	3.8	ug/Kg
P4592-04	F7H04	Solid	Acenaphthene		340.000	E 0.21	3.8	ug/Kg
P4592-04	F7H04	Solid	Acenaphthylene		33.000	0.38	3.8	ug/Kg
P4592-04	F7H04	Solid	Anthracene		340.000	E 0.19	3.8	ug/Kg
P4592-04	F7H04	Solid	Benzo(a)anthracene		470.000	E 0.11	3.8	ug/Kg
P4592-04	F7H04	Solid	Benzo(a)pyrene		270.000	E 0.36	3.8	ug/Kg
P4592-04	F7H04	Solid	Benzo(b)fluoranthene		460.000	E 0.54	3.8	ug/Kg
P4592-04	F7H04	Solid	Benzo(g,h,i)perylene		120.000	E 0.86	3.8	ug/Kg
P4592-04	F7H04	Solid	Benzo(k)fluoranthene		130.000	E 0.36	3.8	ug/Kg
P4592-04	F7H04	Solid	Chrysene		350.000	E 0.29	3.8	ug/Kg
P4592-04	F7H04	Solid	Dibenzo(a,h)anthracene		34.000	0.54	3.8	ug/Kg
P4592-04	F7H04	Solid	Fluoranthene		1,400.000	E 0.21	3.8	ug/Kg
P4592-04	F7H04	Solid	Fluorene		330.000	E 0.25	3.8	ug/Kg
P4592-04	F7H04	Solid	Indeno(1,2,3-cd)pyrene		110.000	E 0.59	3.8	ug/Kg
P4592-04	F7H04	Solid	Naphthalene		190.000	E 0.23	3.8	ug/Kg
P4592-04	F7H04	Solid	Phenanthrene		1,500.000	E 0.21	3.8	ug/Kg
P4592-04	F7H04	Solid	Pyrene		1,100.000	E 0.27	3.8	ug/Kg
			Total Svoc :	7,388.00				
			Total Concentration:	7,388.00				
Client ID : F7H04DL								
P4592-04DL	F7H04DL	Solid	Total Alkanes	*	0.000	D 5.1	38	ug/Kg
			Total Tics :	0.00				
P4592-04DL	F7H04DL	Solid	1-Methylnaphthalene		83.000	D 3	19	ug/Kg
P4592-04DL	F7H04DL	Solid	2-Methylnaphthalene		150.000	D 1.1	19	ug/Kg
P4592-04DL	F7H04DL	Solid	Acenaphthene		430.000	ED 1	19	ug/Kg
P4592-04DL	F7H04DL	Solid	Acenaphthylene		40.000	D 1.9	19	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM103124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4592-04DL	F7H04DL	Solid	Anthracene	460.000	ED	0.97	19	ug/Kg
P4592-04DL	F7H04DL	Solid	Benzo(a)anthracene	530.000	ED	0.53	19	ug/Kg
P4592-04DL	F7H04DL	Solid	Benzo(a)pyrene	310.000	ED	1.8	19	ug/Kg
P4592-04DL	F7H04DL	Solid	Benzo(b)fluoranthene	560.000	ED	2.7	19	ug/Kg
P4592-04DL	F7H04DL	Solid	Benzo(g,h,i)perylene	150.000	D	4.3	19	ug/Kg
P4592-04DL	F7H04DL	Solid	Benzo(k)fluoranthene	170.000	D	1.8	19	ug/Kg
P4592-04DL	F7H04DL	Solid	Chrysene	410.000	ED	1.4	19	ug/Kg
P4592-04DL	F7H04DL	Solid	Dibenzo(a,h)anthracene	40.000	D	2.7	19	ug/Kg
P4592-04DL	F7H04DL	Solid	Fluoranthene	1,800.000	ED	1	19	ug/Kg
P4592-04DL	F7H04DL	Solid	Fluorene	390.000	ED	1.3	19	ug/Kg
P4592-04DL	F7H04DL	Solid	Indeno(1,2,3-cd)pyrene	130.000	D	3	19	ug/Kg
P4592-04DL	F7H04DL	Solid	Naphthalene	240.000	D	1.1	19	ug/Kg
P4592-04DL	F7H04DL	Solid	Phenanthrene	2,000.000	ED	1	19	ug/Kg
P4592-04DL	F7H04DL	Solid	Pyrene	1,300.000	ED	1.4	19	ug/Kg

Total Svoc : 9,193.00

Total Concentration: 9,193.00

Client ID : F7H05

P4592-05	F7H05	Solid	Total Alkanes	*	0.000	1	7.5	ug/Kg
Total Tics :					0.00			
P4592-05	F7H05	Solid	1-Methylnaphthalene		1.500	J	0.59	ug/Kg
P4592-05	F7H05	Solid	2-Methylnaphthalene		2.900	J	0.21	ug/Kg
P4592-05	F7H05	Solid	Acenaphthene		6.300		0.2	ug/Kg
P4592-05	F7H05	Solid	Acenaphthylene		2.300	J	0.37	ug/Kg
P4592-05	F7H05	Solid	Anthracene		6.200		0.19	ug/Kg
P4592-05	F7H05	Solid	Benzo(a)anthracene		21.000		0.1	ug/Kg
P4592-05	F7H05	Solid	Benzo(a)pyrene		16.000		0.36	ug/Kg
P4592-05	F7H05	Solid	Benzo(b)fluoranthene		30.000		0.53	ug/Kg
P4592-05	F7H05	Solid	Benzo(g,h,i)perylene		8.500		0.84	ug/Kg
P4592-05	F7H05	Solid	Benzo(k)fluoranthene		9.600		0.36	ug/Kg
P4592-05	F7H05	Solid	Chrysene		16.000		0.28	ug/Kg
P4592-05	F7H05	Solid	Dibenzo(a,h)anthracene		2.400	J	0.53	ug/Kg
P4592-05	F7H05	Solid	Fluoranthene		36.000		0.2	ug/Kg
P4592-05	F7H05	Solid	Fluorene		5.600		0.25	ug/Kg
P4592-05	F7H05	Solid	Indeno(1,2,3-cd)pyrene		7.700		0.59	ug/Kg
P4592-05	F7H05	Solid	Naphthalene		7.100		0.23	ug/Kg
P4592-05	F7H05	Solid	Phenanthrene		25.000		0.2	ug/Kg
P4592-05	F7H05	Solid	Pyrene		33.000		0.27	ug/Kg

Total Svoc : 237.10

Total Concentration: 237.10

Hit Summary Sheet SW-846

SDG No.: BM103124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : F7H06								
P4592-06	F7H06	Solid	Total Alkanes	*	0.000	1.1	8	ug/Kg
			Total Tics :			0.00		
P4592-06	F7H06	Solid	Acenaphthene		0.790 J	0.21	3.9	ug/Kg
P4592-06	F7H06	Solid	Benzo(a)anthracene		0.870 J	0.11	3.9	ug/Kg
P4592-06	F7H06	Solid	Benzo(b)fluoranthene		1.700 J	0.56	3.9	ug/Kg
P4592-06	F7H06	Solid	Benzo(k)fluoranthene		0.830 J	0.38	3.9	ug/Kg
P4592-06	F7H06	Solid	Fluoranthene		1.800 J	0.21	3.9	ug/Kg
P4592-06	F7H06	Solid	Naphthalene		2.500 J	0.24	3.9	ug/Kg
P4592-06	F7H06	Solid	Phenanthrene		1.800 J	0.21	3.9	ug/Kg
			Total Svoc :			10.29		
			Total Concentration:			10.29		
Client ID : F7H07								
P4592-07	F7H07	Solid	Total Alkanes	*	0.000	0.98	7.4	ug/Kg
			Total Tics :			0.00		
P4592-07	F7H07	Solid	Benzo(a)anthracene		3.400 J	0.1	3.6	ug/Kg
P4592-07	F7H07	Solid	Benzo(a)pyrene		3.700	0.35	3.6	ug/Kg
P4592-07	F7H07	Solid	Benzo(b)fluoranthene		9.000	0.52	3.6	ug/Kg
P4592-07	F7H07	Solid	Benzo(g,h,i)perylene		2.200 J	0.82	3.6	ug/Kg
P4592-07	F7H07	Solid	Benzo(k)fluoranthene		2.800 J	0.35	3.6	ug/Kg
P4592-07	F7H07	Solid	Chrysene		2.900 J	0.27	3.6	ug/Kg
P4592-07	F7H07	Solid	Dibenzo(a,h)anthracene		0.770 J	0.52	3.6	ug/Kg
P4592-07	F7H07	Solid	Fluoranthene		3.900	0.2	3.6	ug/Kg
P4592-07	F7H07	Solid	Indeno(1,2,3-cd)pyrene		2.100 J	0.57	3.6	ug/Kg
P4592-07	F7H07	Solid	Pyrene		6.700	0.26	3.6	ug/Kg
			Total Svoc :			37.47		
			Total Concentration:			37.47		
Client ID : F7H08								
P4592-08	F7H08	Solid	Total Alkanes	*	0.000	1.1	7.9	ug/Kg
			Total Tics :			0.00		
P4592-08	F7H08	Solid	Acenaphthene		1.200 J	0.21	3.9	ug/Kg
P4592-08	F7H08	Solid	Benzo(a)anthracene		4.900	0.11	3.9	ug/Kg
P4592-08	F7H08	Solid	Benzo(a)pyrene		3.400 J	0.38	3.9	ug/Kg
P4592-08	F7H08	Solid	Benzo(b)fluoranthene		8.300	0.56	3.9	ug/Kg
P4592-08	F7H08	Solid	Benzo(g,h,i)perylene		1.900 J	0.89	3.9	ug/Kg
P4592-08	F7H08	Solid	Benzo(k)fluoranthene		3.000 J	0.38	3.9	ug/Kg
P4592-08	F7H08	Solid	Chrysene		2.800 J	0.3	3.9	ug/Kg
P4592-08	F7H08	Solid	Fluoranthene		4.700	0.21	3.9	ug/Kg
P4592-08	F7H08	Solid	Indeno(1,2,3-cd)pyrene		1.900 J	0.62	3.9	ug/Kg
P4592-08	F7H08	Solid	Pyrene		7.100	0.28	3.9	ug/Kg

Hit Summary Sheet
SW-846

SDG No.: BM103124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
			Total Svoc :			39.20		
			Total Concentration:			39.20		
Client ID : F7H09								
P4592-09	F7H09	Solid	Total Alkanes	*	0.000	1.1	8.2	ug/Kg
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID : F7H18								
P4592-10	F7H18	Solid	Total Alkanes	*	0.000	1.1	8.1	ug/Kg
			Total Tics :			0.00		
P4592-10	F7H18	Solid	1-Methylnaphthalene		1.300	J 0.63	4	ug/Kg
P4592-10	F7H18	Solid	2-Methylnaphthalene		2.000	J 0.23	4	ug/Kg
P4592-10	F7H18	Solid	Acenaphthene		2.400	J 0.22	4	ug/Kg
P4592-10	F7H18	Solid	Acenaphthylene		1.100	J 0.4	4	ug/Kg
P4592-10	F7H18	Solid	Anthracene		1.300	J 0.21	4	ug/Kg
P4592-10	F7H18	Solid	Benzo(a)anthracene		5.200	0.11	4	ug/Kg
P4592-10	F7H18	Solid	Benzo(a)pyrene		5.200	0.39	4	ug/Kg
P4592-10	F7H18	Solid	Benzo(b)fluoranthene		12.000	0.57	4	ug/Kg
P4592-10	F7H18	Solid	Benzo(g,h,i)perylene		3.000	J 0.91	4	ug/Kg
P4592-10	F7H18	Solid	Benzo(k)fluoranthene		3.800	J 0.39	4	ug/Kg
P4592-10	F7H18	Solid	Chrysene		4.400	0.3	4	ug/Kg
P4592-10	F7H18	Solid	Dibenzo(a,h)anthracene		0.970	J 0.57	4	ug/Kg
P4592-10	F7H18	Solid	Fluoranthene		6.900	0.22	4	ug/Kg
P4592-10	F7H18	Solid	Fluorene		2.100	J 0.27	4	ug/Kg
P4592-10	F7H18	Solid	Indeno(1,2,3-cd)pyrene		2.900	J 0.63	4	ug/Kg
P4592-10	F7H18	Solid	Naphthalene		16.000	0.24	4	ug/Kg
P4592-10	F7H18	Solid	Phenanthrene		4.800	0.22	4	ug/Kg
P4592-10	F7H18	Solid	Pyrene		12.000	0.29	4	ug/Kg
			Total Svoc :			87.37		
			Total Concentration:			87.37		
Client ID : F7H19								
P4592-11	F7H19	Solid	Total Alkanes	*	0.000	1	7.7	ug/Kg
			Total Tics :			0.00		
P4592-11	F7H19	Solid	Acenaphthene		1.700	J 0.21	3.8	ug/Kg
P4592-11	F7H19	Solid	Fluorene		1.600	J 0.25	3.8	ug/Kg
			Total Svoc :			3.30		
			Total Concentration:			3.30		
Client ID : F7H20								
P4592-12	F7H20	Solid	Total Alkanes	*	0.000	0.97	7.3	ug/Kg
			Total Tics :			0.00		

Hit Summary Sheet
SW-846

SDG No.: BM103124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
			Total Concentration:	0.00				
Client ID :	F7H51							
P4592-13	F7H51	Water	Total Alkanes	*	0.000	0.029	0.2	ug/L
			Total Tics :	0.00				
P4592-13	F7H51	Water	2-Methylnaphthalene		0.020	J 0.0053	0.1	ug/L
P4592-13	F7H51	Water	Naphthalene		0.040	J 0.0043	0.1	ug/L
			Total Svoc :	0.06				
			Total Concentration:	0.06				



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BM103124 SAS No.: BM103124 SDG No.: BM103124
Instrument ID: _____ Calibration Date(s): 10/31/2024
Calibration Time(s): 10:55

LAB FILE ID:		RRFAL1 = BM048351.D			RRFAL2 = BM048352.D		RRFAL3 = BM048353.D	
		RRFAL4 = BM048354.D			RRFAL5 = BM048355.D		RRFAL6 = BM048356.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane		0.501	0.639	0.548	0.492	0.485	0.533	12.0
1,4-Dioxane-d8		0.529	0.529	0.484	0.463	0.451	0.491	7.4
Naphthalene	1.120	1.070	1.038	1.010	0.989		1.045	5.0
1-Methylnaphthalene	0.687	0.700	0.654	0.642	0.631		0.663	4.4
2-Methylnaphthalene	0.661	0.626	0.608	0.608	0.608		0.622	3.7
Acenaphthylene	1.603	1.548	1.545	1.530	1.505		1.546	2.3
Acenaphthene	1.278	1.255	1.241	1.230	1.193		1.239	2.5
Fluorene	1.428	1.394	1.372	1.360	1.337		1.378	2.5
Pentachlorophenol		0.110	0.102	0.111	0.111	0.122	0.111	6.5
Phenanthrene	1.009	0.986	0.965	1.032	0.979		0.994	2.7
Anthracene	0.933	0.928	0.901	0.970	0.922		0.931	2.7
Fluoranthene	1.455	1.409	1.377	1.324	1.332		1.379	4.0
Pyrene	1.584	1.518	1.478	1.412	1.408		1.480	5.0
Benzo(a)anthracene	1.260	1.165	1.159	1.193	1.214		1.198	3.4
Chrysene	1.957	1.778	1.629	1.486	1.395		1.649	13.6
Benzo(b)fluoranthene	1.527	1.335	1.356	1.283	1.334		1.367	6.8
Benzo(k)fluoranthene	1.798	1.715	1.628	1.504	1.447		1.618	9.0
Benzo(a)pyrene	1.396	1.291	1.267	1.243	1.222		1.284	5.3
Indeno(1,2,3-cd)pyrene	1.970	1.799	1.771	1.743	1.693		1.795	5.9
Dibenzo(a,h)anthracene	1.535	1.395	1.382	1.361	1.326		1.400	5.7
Benzo(g,h,i)perylene	1.684	1.527	1.496	1.462	1.396		1.513	7.1
Fluoranthene-d10	1.042	1.039	1.022	0.984	0.991		1.016	2.7
2-Methylnaphthalene-d10	0.524	0.521	0.506	0.500	0.493		0.509	2.6

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.: BM103124 SAS No.: BM103124 SDG NO.: BM103124

EPA Sample No.: SSTD0.4031

Date Analyzed: Nov 1 2024 12:00AM

Lab File ID: BM048353.D

Time Analyzed: 00:27

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	3630	7.75	11544	10.53	6618	14.36
	UPPER LIMIT	7260	8.25	23088	11.03	13236	14.863
	LOWER LIMIT	1815	7.25	5772	10.03	3309	13.863
	EPA SAMPLE NO.						
01	F7H39	4344	7.71	13841	10.50	7525	14.35
02	F7H40	4476	7.71	14393	10.50	7823	14.35
03	F7H41	4476	7.71	14301	10.50	7676	14.35
04	F7H42	4606	7.71	14797	10.50	8289	14.35
05	F7H43	4493	7.71	14349	10.50	7772	14.35
06	F7H44	5118	7.71	16483	10.50	8799	14.35
07	F7H01	4750	7.71	15448	10.50	8395	14.35
08	F7H02	4893	7.71	15750	10.50	8608	14.35
09	F7H03	5019	7.71	16396	10.49	8906	14.35
10	F7H04	5188	7.71	17064	10.49	10065	14.35
11	F7H05	5058	7.71	16096	10.49	8656	14.35
12	SLCS507	3892	7.76	13553	10.53	7971	14.36
13	SBLK507	4577	7.71	15075	10.49	8283	14.35
14	F7H06	4662	7.71	15203	10.49	8270	14.35
15	F7H07	4596	7.71	14987	10.49	8099	14.35
16	F7H39DL	4370	7.72	13721	10.51	8078	14.35
17	F7H08	4574	7.71	14448	10.50	7752	14.35
18	F7H09	4484	7.71	14709	10.49	8027	14.35
19	F7H18	4627	7.71	15078	10.49	8223	14.35
20	F7H19	4252	7.71	13886	10.50	7519	14.35
21	F7H20	4929	7.71	16313	10.49	8805	14.35
22	E1L65	3698	7.71	12160	10.49	6768	14.35
23	E1L67	3850	7.71	12538	10.49	6807	14.35

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM103124 SAS No.: BM103124 SDG NO.: BM103124

EPA Sample No.: SSTD0.4031

Date Analyzed: Nov 1 2024 12:00AM

Lab File ID: BM048353.D

Time Analyzed: 15:37

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	3630	7.75	11544	10.53	6618	14.36
	UPPER LIMIT	7260	8.25	23088	11.03	13236	14.863
	LOWER LIMIT	1815	7.25	5772	10.03	3309	13.863
	EPA SAMPLE NO.						
24	E1L78	3763	7.71	12224	10.49	6579	14.35
25	F7H04DL	4015	7.72	12823	10.50	7478	14.35
26	E1L98	3981	7.71	12921	10.49	6951	14.35
27	SBLK424	4253	7.71	13630	10.49	7285	14.35
28	SLCS424	2752	7.79	10408	10.55	6068	14.37
29	SBLK517	4629	7.71	14688	10.49	7837	14.35
30	SBLK490	4574	7.71	14563	10.49	7798	14.35
31	C0PI5	4456	7.71	14109	10.49	7789	14.35
32	C0PI1	4166	7.71	12949	10.49	7210	14.35
33	F7H51	3891	7.71	12733	10.49	7249	14.35
34	E1L96	4506	7.71	14452	10.49	7706	14.35
35	E1L81	4622	7.71	15519	10.49	8526	14.35
36	E1L82	4344	7.71	14036	10.49	8204	14.35
37	E1L89	5043	7.71	16177	10.49	8315	14.35
38	E1L91	4509	7.71	14432	10.49	7897	14.35
39	SLCS490	3019	7.78	11274	10.54	6555	14.37
40	SLCS517	2982	7.79	11575	10.55	6879	14.37
41	E1L92	4155	7.71	13270	10.49	7078	14.35
42	E1L92MS	2382	7.79	9484	10.55	5637	14.36
43	E1L92MSD	2636	7.78	10111	10.55	5963	14.36
44	SBLK513	4364	7.71	13799	10.49	7287	14.35
45	SLCS513	2506	7.81	8822	10.56	5160	14.37
46	SICV033	4807	7.72	14750	10.52	8576	14.37

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM103124 SAS No.: BM103124 SDG NO.: BM103124

EPA Sample No.: SSTD0.4031 Date Analyzed: Oct 31 2024 12:00AM

Lab File ID: BM048353.D Time Analyzed: 15:21

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	3630	7.75	11544	10.53	6618	14.36
UPPER LIMIT	7260	8.25	23088	11.03	13236	14.863
LOWER LIMIT	1815	7.25	5772	10.03	3309	13.863
EPA SAMPLE NO.						
47 SBLK434	4576	7.71	14380	10.50	7814	14.35
48 F7H26	4905	7.71	15334	10.50	8137	14.35
49 F7H27	4781	7.71	15129	10.50	8203	14.35
50 F7H28	5006	7.71	16087	10.50	8718	14.35
51 F7H29	4375	7.71	14058	10.50	7706	14.35
52 F7H30	4625	7.71	14740	10.50	8070	14.35
53 F7H31	4556	7.71	14390	10.50	7803	14.35
54 SLCS434	3125	7.77	11062	10.55	6627	14.37
55 SBLK434	4589	7.71	14926	10.50	8298	14.35
56 F7H32	4332	7.71	13652	10.50	7554	14.35
57 F7H33	4476	7.71	14353	10.50	7991	14.35
58 F7H34	4153	7.71	13270	10.50	7397	14.35
59 F7H38	4594	7.71	14765	10.50	8083	14.35

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.: BM103124 SAS No.: BM103124 SDG NO.: BM103124

EPA Sample No.: SSTD0.4066 Date Analyzed: Nov 1 2024 12:00AM

Lab File ID: BM048366.D Time Analyzed: 00:27

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	3291	7.762	11710	10.53	6877	14.37
	UPPER LIMIT	6582	8.262	23420	11.034	13754	14.867
	LOWER LIMIT	1645.5	7.262	5855	10.034	3438.5	13.867
	EPA SAMPLE NO.						
01	F7H39	4344	7.71	13841	10.50	7525	14.35
02	F7H40	4476	7.71	14393	10.50	7823	14.35
03	F7H41	4476	7.71	14301	10.50	7676	14.35
04	F7H42	4606	7.71	14797	10.50	8289	14.35
05	F7H43	4493	7.71	14349	10.50	7772	14.35
06	F7H44	5118	7.71	16483	10.50	8799	14.35
07	F7H01	4750	7.71	15448	10.50	8395	14.35
08	F7H02	4893	7.71	15750	10.50	8608	14.35
09	F7H03	5019	7.71	16396	10.49	8906	14.35
10	F7H04	5188	7.71	17064	10.49	10065	14.35
11	F7H05	5058	7.71	16096	10.49	8656	14.35
12	SLCS507	3892	7.76	13553	10.53	7971	14.36
01	SBLK434	4589	7.71	14926	10.50	8298	14.35
02	F7H32	4332	7.71	13652	10.50	7554	14.35
03	F7H33	4476	7.71	14353	10.50	7991	14.35
04	F7H34	4153	7.71	13270	10.50	7397	14.35
05	F7H38	4594	7.71	14765	10.50	8083	14.35

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM103124 SAS No.: BM103124 SDG NO.: BM103124

EPA Sample No.: SSTD0.4066 Date Analyzed: Oct 31 2024 12:00AM

Lab File ID: BM048366.D Time Analyzed: 23:51

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	3291	7.762	11710	10.53	6877	14.37
UPPER LIMIT	6582	8.262	23420	11.034	13754	14.867
LOWER LIMIT	1645.5	7.262	5855	10.034	3438.5	13.867
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.: BM103124 SAS No.: BM103124 SDG NO.: BM103124

EPA Sample No.: SSTD0.4067 Date Analyzed: Nov 1 2024 12:00AM

Lab File ID: BM048384.D Time Analyzed: 08:56

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	3903	7.75	13391	10.52	7785	14.36
	UPPER LIMIT	7806	8.25	26782	11.024	15570	14.863
	LOWER LIMIT	1951.5	7.25	6695.5	10.024	3892.5	13.863
	EPA SAMPLE NO.						
01	SBLK507	4577	7.71	15075	10.49	8283	14.35
02	F7H06	4662	7.71	15203	10.49	8270	14.35
03	F7H07	4596	7.71	14987	10.49	8099	14.35
04	F7H39DL	4370	7.72	13721	10.51	8078	14.35
05	F7H08	4574	7.71	14448	10.50	7752	14.35
06	F7H09	4484	7.71	14709	10.49	8027	14.35
07	F7H18	4627	7.71	15078	10.49	8223	14.35
08	F7H19	4252	7.71	13886	10.50	7519	14.35
09	F7H20	4929	7.71	16313	10.49	8805	14.35
10	E1L65	3698	7.71	12160	10.49	6768	14.35
11	E1L67	3850	7.71	12538	10.49	6807	14.35
12	E1L78	3763	7.71	12224	10.49	6579	14.35
13	F7H04DL	4015	7.72	12823	10.50	7478	14.35
14	E1L98	3981	7.71	12921	10.49	6951	14.35
15	SBLK424	4253	7.71	13630	10.49	7285	14.35
16	SLCS424	2752	7.79	10408	10.55	6068	14.37

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM103124 SAS No.: BM103124 SDG NO.: BM103124

EPA Sample No.: SSTD0.4067 Date Analyzed: Nov 1 2024 12:00AM

Lab File ID: BM048384.D Time Analyzed: 18:03

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	3903	7.75	13391	10.52	7785	14.36
UPPER LIMIT	7806	8.25	26782	11.024	15570	14.863
LOWER LIMIT	1951.5	7.25	6695.5	10.024	3892.5	13.863
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.: BM103124 SAS No.: BM103124 SDG NO.: BM103124

EPA Sample No.: SSTD0.4068 Date Analyzed: Nov 1 2024 12:00AM

Lab File ID: BM048401.D Time Analyzed: 19:52

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	4549	7.754	16096	10.52	9392	14.36
	UPPER LIMIT	9098	8.254	32192	11.023	18784	14.862
	LOWER LIMIT	2274.5	7.254	8048	10.023	4696	13.862
	EPA SAMPLE NO.						
01	SBLK517	4629	7.71	14688	10.49	7837	14.35
02	SBLK490	4574	7.71	14563	10.49	7798	14.35
03	C0PI5	4456	7.71	14109	10.49	7789	14.35
04	C0PI1	4166	7.71	12949	10.49	7210	14.35
05	F7H51	3891	7.71	12733	10.49	7249	14.35
06	E1L96	4506	7.71	14452	10.49	7706	14.35
07	E1L81	4622	7.71	15519	10.49	8526	14.35
08	E1L82	4344	7.71	14036	10.49	8204	14.35
09	E1L89	5043	7.71	16177	10.49	8315	14.35
10	E1L91	4509	7.71	14432	10.49	7897	14.35
11	SLCS490	3019	7.78	11274	10.54	6555	14.37
12	SLCS517	2982	7.79	11575	10.55	6879	14.37
13	E1L92	4155	7.71	13270	10.49	7078	14.35
14	E1L92MS	2382	7.79	9484	10.55	5637	14.36
15	E1L92MSD	2636	7.78	10111	10.55	5963	14.36
16	SBLK513	4364	7.71	13799	10.49	7287	14.35
17	SLCS513	2506	7.81	8822	10.56	5160	14.37

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM103124 SAS No.: BM103124 SDG NO.: BM103124

EPA Sample No.: SSTD0.4068 Date Analyzed: Nov 2 2024 12:00AM

Lab File ID: BM048401.D Time Analyzed: 05:37

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	4549	7.754	16096	10.52	9392	14.36
UPPER LIMIT	9098	8.254	32192	11.023	18784	14.862
LOWER LIMIT	2274.5	7.254	8048	10.023	4696	13.862
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.: BM103124 SAS No.: BM103124 SDG NO.: BM103124

EPA Sample No.: SSTD0.4031 Date Analyzed: Nov 1 2024 12:00AM

Lab File ID: BM048353.D Time Analyzed: 00:27

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	14044	17.12	13118	21.292	12931	23.533
	UPPER LIMIT	28088	17.62	26236	21.792	25862	24.033
	LOWER LIMIT	7022	16.62	6559	20.792	6465.5	23.033
	EPA SAMPLE NO.						
01	F7H39	15871	17.10	14709	21.27	12942	23.51
02	F7H40	16235	17.10	13999	21.28	12623	23.52
03	F7H41	15719	17.10	13553	21.29	11773	23.52
04	F7H42	17176	17.09	16018	21.28	14536	23.51
05	F7H43	15824	17.09	13763	21.29	11681	23.52
06	F7H44	17728	17.09	14605	21.29	12525	23.52
07	F7H01	16905	17.10	13838	21.29	11787	23.52
08	F7H02	17875	17.09	15050	21.29	12706	23.52
09	F7H03	18229	17.10	14539	21.30	12098	23.52
10	F7H04	20919	17.09	16878	21.27	16392	23.51
11	F7H05	17407	17.10	14547	21.28	12490	23.51
12	SLCS507	16564	17.12	13527	21.29	13752	23.53
13	SBLK507	16916	17.09	12388	21.30	8438	23.52
14	F7H06	16892	17.09	13300	21.29	10761	23.52
15	F7H07	16332	17.10	13507	21.29	11124	23.52
16	F7H39DL	15519	17.10	13718	21.28	12196	23.52
17	F7H08	15531	17.09	12173	21.29	10074	23.52
18	F7H09	16452	17.10	13689	21.29	11324	23.52
19	F7H18	16577	17.10	13122	21.29	11228	23.52
20	F7H19	15258	17.09	11893	21.30	9406	23.51
21	F7H20	17570	17.10	13311	21.30	10219	23.51

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM103124 SAS No.: BM103124 SDG NO.: BM103124

EPA Sample No.: SSTD0.4031 Date Analyzed: Nov 1 2024 12:00AM

Lab File ID: BM048353.D Time Analyzed: 14:24

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	14044	17.12	13118	21.292	12931	23.533
	UPPER LIMIT	28088	17.62	26236	21.792	25862	24.033
	LOWER LIMIT	7022	16.62	6559	20.792	6465.5	23.033
	EPA SAMPLE NO.						
22	E1L65	14106	17.09	11617	21.30	8871	23.51
23	E1L67	13695	17.09	10678	21.30	8102	23.51
24	E1L78	13391	17.09	10330	21.30	7347	23.51
25	F7H04DL	14678	17.09	12567	21.27	11224	23.51
26	E1L98	14105	17.09	10292	21.30	6795	23.51
27	SBLK424	14598	17.10	11046	21.30	7765	23.52
28	SLCS424	12325	17.13	10257	21.30	10389	23.54
29	SBLK517	15758	17.09	11961	21.30	7961	23.52
30	SBLK490	15638	17.10	10793	21.31	6777	23.52
31	C0PI5	15749	17.09	11773	21.30	7907	23.52
32	C0PI1	14355	17.09	11203	21.30	7611	23.52
33	F7H51	15397	17.09	12364	21.30	8590	23.51
34	E1L96	16046	17.09	12423	21.30	8540	23.52
35	E1L81	18055	17.09	14855	21.30	12107	23.51
36	E1L82	22536	17.10	12974	21.28	9817	23.51
37	E1L89	16670	17.09	13046	21.30	10139	23.51
38	E1L91	18960	17.09	15356	21.28	13290	23.51
39	SLCS490	13639	17.12	11502	21.30	11483	23.54
40	SLCS517	14538	17.13	12484	21.30	12770	23.53
41	E1L92	14411	17.09	11445	21.30	8152	23.51
42	E1L92MS	10595	17.12	10171	21.29	10160	23.53

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM103124 SAS No.: BM103124 SDG NO.: BM103124

EPA Sample No.: SSTD0.4031 Date Analyzed: Nov 2 2024 12:00AM

Lab File ID: BM048353.D Time Analyzed: 04:24

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	14044	17.12	13118	21.292	12931	23.533
	UPPER LIMIT	28088	17.62	26236	21.792	25862	24.033
	LOWER LIMIT	7022	16.62	6559	20.792	6465.5	23.033
	EPA SAMPLE NO.						
43	E1L92MSD	11165	17.12	10680	21.29	10652	23.53
44	SBLK513	14470	17.09	11019	21.30	6510	23.51
45	SLCS513	11037	17.13	8899	21.30	8588	23.54
46	SICV033	16772	17.12	16511	21.30	15861	23.54
47	SBLK434	15895	17.10	13218	21.31	9816	23.52
48	F7H26	16505	17.10	14312	21.30	11630	23.52
49	F7H27	16605	17.10	15380	21.29	12627	23.52
50	F7H28	18048	17.10	16109	21.29	13720	23.52
51	F7H29	15720	17.10	14065	21.30	11406	23.52
52	F7H30	16687	17.10	14426	21.30	11742	23.52
53	F7H31	15818	17.10	13899	21.29	11427	23.52
54	SLCS434	13935	17.13	13180	21.30	13622	23.54
55	SBLK434	17254	17.09	14264	21.30	10140	23.52
56	F7H32	15554	17.10	13257	21.30	10453	23.52
57	F7H33	16937	17.09	15117	21.30	12778	23.52
58	F7H34	15612	17.09	13605	21.30	12015	23.52
59	F7H38	17277	17.09	14744	21.30	12049	23.52

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM103124 SAS No.: BM103124 SDG NO.: BM103124

EPA Sample No.: SSTD0.4031 Date Analyzed: Oct 31 2024 12:00AM

Lab File ID: BM048353.D Time Analyzed: 23:51

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	14044	17.12	13118	21.292	12931	23.533
UPPER LIMIT	28088	17.62	26236	21.792	25862	24.033
LOWER LIMIT	7022	16.62	6559	20.792	6465.5	23.033
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.: BM103124 SAS No.: BM103124 SDG NO.: BM103124

EPA Sample No.: SSTD0.4066 Date Analyzed: Nov 1 2024 12:00AM

Lab File ID: BM048366.D Time Analyzed: 00:27

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	14744	17.123	13627	21.295	13784	23.534
	UPPER LIMIT	29488	17.623	27254	21.795	27568	24.034
	LOWER LIMIT	7372	16.623	6813.5	20.795	6892	23.034
	EPA SAMPLE NO.						
01	F7H39	15871	17.10	14709	21.27	12942	23.51
02	F7H40	16235	17.10	13999	21.28	12623	23.52
03	F7H41	15719	17.10	13553	21.29	11773	23.52
04	F7H42	17176	17.09	16018	21.28	14536	23.51
05	F7H43	15824	17.09	13763	21.29	11681	23.52
06	F7H44	17728	17.09	14605	21.29	12525	23.52
07	F7H01	16905	17.10	13838	21.29	11787	23.52
08	F7H02	17875	17.09	15050	21.29	12706	23.52
09	F7H03	18229	17.10	14539	21.30	12098	23.52
10	F7H04	20919	17.09	16878	21.27	16392	23.51
11	F7H05	17407	17.10	14547	21.28	12490	23.51
12	SLCS507	16564	17.12	13527	21.29	13752	23.53
01	SBLK434	17254	17.09	14264	21.30	10140	23.52
02	F7H32	15554	17.10	13257	21.30	10453	23.52
03	F7H33	16937	17.09	15117	21.30	12778	23.52
04	F7H34	15612	17.09	13605	21.30	12015	23.52
05	F7H38	17277	17.09	14744	21.30	12049	23.52

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM103124 SAS No.: BM103124 SDG NO.: BM103124

EPA Sample No.: SSTD0.4066 Date Analyzed: Oct 31 2024 12:00AM

Lab File ID: BM048366.D Time Analyzed: 23:51

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	14744	17.123	13627	21.295	13784	23.534
UPPER LIMIT	29488	17.623	27254	21.795	27568	24.034
LOWER LIMIT	7372	16.623	6813.5	20.795	6892	23.034
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.: BM103124 SAS No.: BM103124 SDG NO.: BM103124

EPA Sample No.: SSTD0.4067 Date Analyzed: Nov 1 2024 12:00AM

Lab File ID: BM048384.D Time Analyzed: 08:56

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	16363	17.12	14213	21.292	14482	23.531
	UPPER LIMIT	32726	17.62	28426	21.792	28964	24.031
	LOWER LIMIT	8181.5	16.62	7106.5	20.792	7241	23.031
	EPA SAMPLE NO.						
01	SBLK507	16916	17.09	12388	21.30	8438	23.52
02	F7H06	16892	17.09	13300	21.29	10761	23.52
03	F7H07	16332	17.10	13507	21.29	11124	23.52
04	F7H39DL	15519	17.10	13718	21.28	12196	23.52
05	F7H08	15531	17.09	12173	21.29	10074	23.52
06	F7H09	16452	17.10	13689	21.29	11324	23.52
07	F7H18	16577	17.10	13122	21.29	11228	23.52
08	F7H19	15258	17.09	11893	21.30	9406	23.51
09	F7H20	17570	17.10	13311	21.30	10219	23.51
10	E1L65	14106	17.09	11617	21.30	8871	23.51
11	E1L67	13695	17.09	10678	21.30	8102	23.51
12	E1L78	13391	17.09	10330	21.30	7347	23.51
13	F7H04DL	14678	17.09	12567	21.27	11224	23.51
14	E1L98	14105	17.09	10292	21.30	6795 *	23.51
15	SBLK424	14598	17.10	11046	21.30	7765	23.52
16	SLCS424	12325	17.13	10257	21.30	10389	23.54

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM103124 SAS No.: BM103124 SDG NO.: BM103124

EPA Sample No.: SSTD0.4067 Date Analyzed: Nov 1 2024 12:00AM

Lab File ID: BM048384.D Time Analyzed: 18:03

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	16363	17.12	14213	21.292	14482	23.531
UPPER LIMIT	32726	17.62	28426	21.792	28964	24.031
LOWER LIMIT	8181.5	16.62	7106.5	20.792	7241	23.031
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.: BM103124 SAS No.: BM103124 SDG NO.: BM103124

EPA Sample No.: SSTD0.4068 Date Analyzed: Nov 1 2024 12:00AM

Lab File ID: BM048401.D Time Analyzed: 19:52

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	18975	17.119	14763	21.295	14811	23.534
	UPPER LIMIT	37950	17.619	29526	21.795	29622	24.034
	LOWER LIMIT	9487.5	16.619	7381.5	20.795	7405.5	23.034
	EPA SAMPLE NO.						
01	SBLK517	15758	17.09	11961	21.30	7961	23.52
02	SBLK490	15638	17.10	10793	21.31	6777 *	23.52
03	C0PI5	15749	17.09	11773	21.30	7907	23.52
04	C0PI1	14355	17.09	11203	21.30	7611	23.52
05	F7H51	15397	17.09	12364	21.30	8590	23.51
06	E1L96	16046	17.09	12423	21.30	8540	23.52
07	E1L81	18055	17.09	14855	21.30	12107	23.51
08	E1L82	22536	17.10	12974	21.28	9817	23.51
09	E1L89	16670	17.09	13046	21.30	10139	23.51
10	E1L91	18960	17.09	15356	21.28	13290	23.51
11	SLCS490	13639	17.12	11502	21.30	11483	23.54
12	SLCS517	14538	17.13	12484	21.30	12770	23.53
13	E1L92	14411	17.09	11445	21.30	8152	23.51
14	E1L92MS	10595	17.12	10171	21.29	10160	23.53
15	E1L92MSD	11165	17.12	10680	21.29	10652	23.53
16	SBLK513	14470	17.09	11019	21.30	6510 *	23.51
17	SLCS513	11037	17.13	8899	21.30	8588	23.54

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM103124 SAS No.: BM103124 SDG NO.: BM103124

EPA Sample No.: SSTD0.4068 Date Analyzed: Nov 2 2024 12:00AM

Lab File ID: BM048401.D Time Analyzed: 05:37

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	18975	17.119	14763	21.295	14811	23.534
UPPER LIMIT	37950	17.619	29526	21.795	29622	24.034
LOWER LIMIT	9487.5	16.619	7381.5	20.795	7405.5	23.034
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.: BM103124

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM103124

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB164424BS	1,4-Dioxane	2	2.5	ug/L	125				0	0	
	Naphthalene	0.4	0.37	ug/L	93				0	0	
	1-Methylnaphthalene	0.4	0.39	ug/L	98				0	0	
	2-Methylnaphthalene	0.4	0.35	ug/L	88				0	0	
	Acenaphthylene	0.4	0.37	ug/L	93				0	0	
	Acenaphthene	0.4	0.39	ug/L	98				0	0	
	Fluorene	0.4	0.37	ug/L	93				0	0	
	Pentachlorophenol	0.8	0.57	ug/L	71				0	0	
	Phenanthrene	0.4	0.36	ug/L	90				0	0	
	Anthracene	0.4	0.34	ug/L	85				0	0	
	Fluoranthene	0.4	0.43	ug/L	108				0	0	
	Pyrene	0.4	0.43	ug/L	108				0	0	
	Benzo(a)anthracene	0.4	0.34	ug/L	85				0	0	
	Chrysene	0.4	0.44	ug/L	110				0	0	
	Benzo(b)fluoranthene	0.4	0.39	ug/L	98				0	0	
	Benzo(k)fluoranthene	0.4	0.43	ug/L	108				0	0	
	Benzo(a)pyrene	0.4	0.41	ug/L	103				0	0	
	Indeno(1,2,3-cd)pyrene	0.4	0.39	ug/L	98				0	0	
	Dibenzo(a,h)anthracene	0.4	0.39	ug/L	98				0	0	
	Benzo(g,h,i)perylene	0.4	0.41	ug/L	103				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM103124

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB164434BS	1,4-Dioxane	66.7	65	ug/Kg	97				0	0		
	Naphthalene	13.3	9.8	ug/Kg	74				0	0		
	1-Methylnaphthalene	13.3	12	ug/Kg	90				0	0		
	2-Methylnaphthalene	13.3	8.9	ug/Kg	67				0	0		
	Acenaphthylene	13.3	9.4	ug/Kg	71				0	0		
	Acenaphthene	13.3	9.8	ug/Kg	74				0	0		
	Fluorene	13.3	9.2	ug/Kg	69				0	0		
	Pentachlorophenol	26.7	19	ug/Kg	71				0	0		
	Phenanthrene	13.3	9.2	ug/Kg	69				0	0		
	Anthracene	13.3	9.1	ug/Kg	68				0	0		
	Fluoranthene	13.3	11	ug/Kg	83				0	0		
	Pyrene	13.3	11	ug/Kg	83				0	0		
	Benzo(a)anthracene	13.3	10	ug/Kg	75				0	0		
	Chrysene	13.3	11	ug/Kg	83				0	0		
	Benzo(b)fluoranthene	13.3	10	ug/Kg	75				0	0		
	Benzo(k)fluoranthene	13.3	11	ug/Kg	83				0	0		
	Benzo(a)pyrene	13.3	10	ug/Kg	75				0	0		
	Indeno(1,2,3-cd)pyrene	13.3	10	ug/Kg	75				0	0		
	Dibenzo(a,h)anthracene	13.3	10	ug/Kg	75				0	0		
	Benzo(g,h,i)perylene	13.3	11	ug/Kg	83				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM103124

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB164490BS	1,4-Dioxane	2	2.4	ug/L	120				0	0	
	Naphthalene	0.4	0.39	ug/L	98				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	0.39	ug/L	98				0	0	
	Acenaphthene	0.4	0.4	ug/L	100				0	0	
	Fluorene	0.4	0.38	ug/L	95				0	0	
	Pentachlorophenol	0.8	0.7	ug/L	88				0	0	
	Phenanthrene	0.4	0.38	ug/L	95				0	0	
	Anthracene	0.4	0.36	ug/L	90				0	0	
	Fluoranthene	0.4	0.45	ug/L	113				0	0	
	Pyrene	0.4	0.46	ug/L	115				0	0	
	Benzo(a)anthracene	0.4	0.39	ug/L	98				0	0	
	Chrysene	0.4	0.48	ug/L	120				0	0	
	Benzo(b)fluoranthene	0.4	0.44	ug/L	110				0	0	
	Benzo(k)fluoranthene	0.4	0.47	ug/L	117				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	0.43	ug/L	108				0	0	
	Benzo(g,h,i)perylene	0.4	0.45	ug/L	113				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM103124

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB164507BS	1,4-Dioxane	66.7	61	ug/Kg	91				0	0		
	Naphthalene	13.3	11	ug/Kg	83				0	0		
	1-Methylnaphthalene	13.3	11	ug/Kg	83				0	0		
	2-Methylnaphthalene	13.3	11	ug/Kg	83				0	0		
	Acenaphthylene	13.3	11	ug/Kg	83				0	0		
	Acenaphthene	13.3	11	ug/Kg	83				0	0		
	Fluorene	13.3	11	ug/Kg	83				0	0		
	Pentachlorophenol	26.7	18	ug/Kg	67				0	0		
	Phenanthrene	13.3	11	ug/Kg	83				0	0		
	Anthracene	13.3	10	ug/Kg	75				0	0		
	Fluoranthene	13.3	12	ug/Kg	90				0	0		
	Pyrene	13.3	12	ug/Kg	90				0	0		
	Benzo(a)anthracene	13.3	12	ug/Kg	90				0	0		
	Chrysene	13.3	12	ug/Kg	90				0	0		
	Benzo(b)fluoranthene	13.3	11	ug/Kg	83				0	0		
	Benzo(k)fluoranthene	13.3	12	ug/Kg	90				0	0		
	Benzo(a)pyrene	13.3	12	ug/Kg	90				0	0		
	Indeno(1,2,3-cd)pyrene	13.3	11	ug/Kg	83				0	0		
	Dibenzo(a,h)anthracene	13.3	11	ug/Kg	83				0	0		
	Benzo(g,h,i)perylene	13.3	11	ug/Kg	83				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM103124

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB164513BS	1,4-Dioxane	2	2.5	ug/L	125				0	0		
	Naphthalene	0.4	0.39	ug/L	98				0	0		
	1-Methylnaphthalene	0.4	0.4	ug/L	100				0	0		
	2-Methylnaphthalene	0.4	0.35	ug/L	88				0	0		
	Acenaphthylene	0.4	0.39	ug/L	98				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	0.61	ug/L	76				0	0		
	Phenanthrene	0.4	0.37	ug/L	93				0	0		
	Anthracene	0.4	0.35	ug/L	88				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	0.37	ug/L	93				0	0		
	Chrysene	0.4	0.51	ug/L	128				0	0		
	Benzo(b)fluoranthene	0.4	0.46	ug/L	115				0	0		
	Benzo(k)fluoranthene	0.4	0.51	ug/L	128				0	0		
	Benzo(a)pyrene	0.4	0.48	ug/L	120				0	0		
	Indeno(1,2,3-cd)pyrene	0.4	0.44	ug/L	110				0	0		
	Dibenzo(a,h)anthracene	0.4	0.43	ug/L	108				0	0		
	Benzo(g,h,i)perylene	0.4	0.47	ug/L	117				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM103124

Client: _____

Analytical Method: SFAM_SVOASIM

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB164517BS	1,4-Dioxane	2	2.3	ug/L	115				0	0		
	Naphthalene	0.4	0.32	ug/L	80				0	0		
	1-Methylnaphthalene	0.4	0.34	ug/L	85				0	0		
	2-Methylnaphthalene	0.4	0.3	ug/L	75				0	0		
	Acenaphthylene	0.4	0.32	ug/L	80				0	0		
	Acenaphthene	0.4	0.33	ug/L	83				0	0		
	Fluorene	0.4	0.32	ug/L	80				0	0		
	Pentachlorophenol	0.8	0.59	ug/L	74				0	0		
	Phenanthrene	0.4	0.32	ug/L	80				0	0		
	Anthracene	0.4	0.3	ug/L	75				0	0		
	Fluoranthene	0.4	0.37	ug/L	93				0	0		
	Pyrene	0.4	0.37	ug/L	93				0	0		
	Benzo(a)anthracene	0.4	0.31	ug/L	78				0	0		
	Chrysene	0.4	0.38	ug/L	95				0	0		
	Benzo(b)fluoranthene	0.4	0.34	ug/L	85				0	0		
	Benzo(k)fluoranthene	0.4	0.37	ug/L	93				0	0		
	Benzo(a)pyrene	0.4	0.35	ug/L	88				0	0		
	Indeno(1,2,3-cd)pyrene	0.4	0.33	ug/L	83				0	0		
	Dibenzo(a,h)anthracene	0.4	0.33	ug/L	83				0	0		
	Benzo(g,h,i)perylene	0.4	0.34	ug/L	85				0	0		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK424

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM103124

SAS No.: BM103124 SDG NO.: BM103124

Lab File ID: BM048399.D

Lab Sample ID: PB164424BL

Instrument ID: BNA_M

Date Extracted: 10/25/2024

Matrix: (soil/water) Water

Date Analyzed: 11/01/2024

Level: (low/med) LOW

Time Analyzed: 17:26

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB164424BS	PB164424BS	BM048400.D	11/01/2024
E1L65	P4534-05	BM048394.D	11/01/2024
E1L67	P4534-06	BM048395.D	11/01/2024
E1L78	P4534-07	BM048396.D	11/01/2024
E1L98	P4534-08	BM048398.D	11/01/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK434

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM103124

SAS No.: BM103124 SDG NO.: BM103124

Lab File ID: BM048367.D

Lab Sample ID: PB164434BL

Instrument ID: BNA_M

Date Extracted: 10/26/2024

Matrix: (soil/water) Solid

Date Analyzed: 10/31/2024

Level: (low/med) LOW

Time Analyzed: 21:26

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
F7H26	P4530-01	BM048359.D	10/31/2024
F7H27	P4530-02	BM048360.D	10/31/2024
F7H28	P4530-04	BM048361.D	10/31/2024
F7H29	P4530-05	BM048362.D	10/31/2024
F7H30	P4530-06	BM048363.D	10/31/2024
F7H31	P4530-07	BM048364.D	10/31/2024
PB164434BS	PB164434BS	BM048365.D	10/31/2024
F7H32	P4530-08	BM048368.D	10/31/2024
F7H33	P4530-09	BM048369.D	10/31/2024
F7H34	P4530-10	BM048370.D	10/31/2024
F7H38	P4530-11	BM048371.D	10/31/2024
F7H39	P4530-12	BM048372.D	11/01/2024
F7H40	P4530-13	BM048373.D	11/01/2024
F7H41	P4530-14	BM048374.D	11/01/2024
F7H42	P4530-15	BM048375.D	11/01/2024
F7H43	P4530-16	BM048376.D	11/01/2024
F7H44	P4530-17	BM048377.D	11/01/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK490

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM103124

SAS No.: BM103124 SDG NO.: BM103124

Lab File ID: BM048403.D

Lab Sample ID: PB164490BL

Instrument ID: BNA_M

Date Extracted: 10/28/2024

Matrix: (soil/water) Water

Date Analyzed: 11/01/2024

Level: (low/med) LOW

Time Analyzed: 20:28

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E1L81	P4558-03	BM048408.D	11/01/2024
E1L82	P4558-04	BM048409.D	11/02/2024
E1L89	P4558-05	BM048410.D	11/02/2024
E1L91	P4558-06	BM048411.D	11/02/2024
PB164490BS	PB164490BS	BM048412.D	11/02/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK507

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM103124

SAS No.: BM103124 SDG NO.: BM103124

Lab File ID: BM048385.D

Lab Sample ID: PB164507BL

Instrument ID: BNA_M

Date Extracted: 10/29/2024

Matrix: (soil/water) Solid

Date Analyzed: 11/01/2024

Level: (low/med) LOW

Time Analyzed: 08:56

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
F7H06	P4592-06	BM048386.D	11/01/2024
F7H07	P4592-07	BM048387.D	11/01/2024
F7H08	P4592-08	BM048389.D	11/01/2024
F7H09	P4592-09	BM048390.D	11/01/2024
F7H18	P4592-10	BM048391.D	11/01/2024
F7H19	P4592-11	BM048392.D	11/01/2024
F7H20	P4592-12	BM048393.D	11/01/2024
F7H01	P4592-01	BM048378.D	11/01/2024
F7H02	P4592-02	BM048379.D	11/01/2024
F7H03	P4592-03	BM048380.D	11/01/2024
F7H04	P4592-04	BM048381.D	11/01/2024
F7H05	P4592-05	BM048382.D	11/01/2024
PB164507BS	PB164507BS	BM048383.D	11/01/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK513

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM103124

SAS No.: BM103124 SDG NO.: BM103124

Lab File ID: BM048417.D

Lab Sample ID: PB164513BL

Instrument ID: BNA_M

Date Extracted: 10/29/2024

Matrix: (soil/water) Water

Date Analyzed: 11/02/2024

Level: (low/med) LOW

Time Analyzed: 05:00

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB164513BS	PB164513BS	BM048418.D	11/02/2024
E1L92	P4558-07	BM048414.D	11/02/2024
E1L92MS	P4558-08MS	BM048415.D	11/02/2024
E1L92MSD	P4558-09MSD	BM048416.D	11/02/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK517

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM103124

SAS No.: BM103124 SDG NO.: BM103124

Lab File ID: BM048402.D

Lab Sample ID: PB164517BL

Instrument ID: BNA_M

Date Extracted: 10/29/2024

Matrix: (soil/water) Water

Date Analyzed: 11/01/2024

Level: (low/med) LOW

Time Analyzed: 19:52

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB164517BS	PB164517BS	BM048413.D	11/02/2024
C0PI5	P4583-01	BM048404.D	11/01/2024
C0PI1	P4583-02	BM048405.D	11/01/2024
F7H51	P4592-13	BM048406.D	11/01/2024
E1L96	P4558-12	BM048407.D	11/01/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM103124

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P4558-08MS	Client Sample ID:	E1L92MS					DataFile:	BM048415.D		
1,4-Dioxane	2		1.2	ug/L	60				15	120	
Naphthalene	0.4		0.36	ug/L	90				0	0	
1-Methylnaphthalene	0.4		0.38	ug/L	95				0	0	
2-Methylnaphthalene	0.4		0.33	ug/L	83				0	0	
Acenaphthylene	0.4		0.37	ug/L	93				0	0	
Acenaphthene	0.4		0.39	ug/L	98				46	118	
Fluorene	0.4		0.39	ug/L	98				0	0	
Pentachlorophenol	0.8		0.9	ug/L	113	*			9	103	
Phenanthrene	0.4		0.46	ug/L	115				0	0	
Anthracene	0.4		0.43	ug/L	108				0	0	
Fluoranthene	0.4		0.5	ug/L	125				0	0	
Pyrene	0.4		0.49	ug/L	123				26	127	
Benzo(a)anthracene	0.4		0.42	ug/L	105				0	0	
Chrysene	0.4		0.51	ug/L	128				0	0	
Benzo(b)fluoranthene	0.4		0.47	ug/L	117				0	0	
Benzo(k)fluoranthene	0.4		0.52	ug/L	130				0	0	
Benzo(a)pyrene	0.4		0.47	ug/L	117				0	0	
Indeno(1,2,3-cd)pyrene	0.4		0.46	ug/L	115				0	0	
Dibenzo(a,h)anthracene	0.4		0.46	ug/L	115				0	0	
Benzo(g,h,i)perylene	0.4		0.48	ug/L	120				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM103124

Client: _____

Analytical Method: SFAM_SVOASIM

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P4558-09MSD	Client Sample ID:	E1L92MSD					DataFile:	BM048416.D		
1,4-Dioxane	2		1.1	ug/L	55		9		15	120	50
Naphthalene	0.4		0.35	ug/L	88		2	*	0	0	0
1-Methylnaphthalene	0.4		0.37	ug/L	93		2	*	0	0	0
2-Methylnaphthalene	0.4		0.33	ug/L	83		0		0	0	0
Acenaphthylene	0.4		0.37	ug/L	93		0		0	0	0
Acenaphthene	0.4		0.38	ug/L	95		3		46	118	31
Fluorene	0.4		0.38	ug/L	95		3	*	0	0	0
Pentachlorophenol	0.8		0.89	ug/L	111	*	2		9	103	50
Phenanthrene	0.4		0.45	ug/L	113		2	*	0	0	0
Anthracene	0.4		0.42	ug/L	105		3	*	0	0	0
Fluoranthene	0.4		0.5	ug/L	125		0		0	0	0
Pyrene	0.4		0.49	ug/L	123		0		26	127	31
Benzo(a)anthracene	0.4		0.42	ug/L	105		0		0	0	0
Chrysene	0.4		0.5	ug/L	125		2	*	0	0	0
Benzo(b)fluoranthene	0.4		0.48	ug/L	120		3	*	0	0	0
Benzo(k)fluoranthene	0.4		0.5	ug/L	125		4	*	0	0	0
Benzo(a)pyrene	0.4		0.46	ug/L	115		2	*	0	0	0
Indeno(1,2,3-cd)pyrene	0.4		0.46	ug/L	115		0		0	0	0
Dibenzo(a,h)anthracene	0.4		0.46	ug/L	115		0		0	0	0
Benzo(g,h,i)perylene	0.4		0.48	ug/L	120		0		0	0	0

Surrogate Summary

SW-846

SDG No.: **BM103124**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4534-05	E1L65	BM048394.D	1,4-Dioxane-d8	8	5.58	70		15	120
			Fluoranthene-d10	0.4	0.59	147	*	30	130
			2-Methylnaphthalene-d10	0.4	0.39	97		30	130
P4534-06	E1L67	BM048395.D	1,4-Dioxane-d8	8	5.10	64		15	120
			Fluoranthene-d10	0.4	0.57	141	*	30	130
			2-Methylnaphthalene-d10	0.4	0.37	91		30	130
P4534-07	E1L78	BM048396.D	1,4-Dioxane-d8	8	5.08	64		15	120
			Fluoranthene-d10	0.4	0.62	155	*	30	130
			2-Methylnaphthalene-d10	0.4	0.36	90		30	130
P4534-08	E1L98	BM048398.D	1,4-Dioxane-d8	8	4.98	62		15	120
			Fluoranthene-d10	0.4	0.63	156	*	30	130
			2-Methylnaphthalene-d10	0.4	0.36	91		30	130
PB164424BL	PB164424BL	BM048399.D	1,4-Dioxane-d8	8	5.48	68		15	120
			Fluoranthene-d10	0.4	0.41	102		30	130
			2-Methylnaphthalene-d10	0.4	0.32	79		30	130
PB164424BS	PB164424BS	BM048400.D	1,4-Dioxane-d8	0.8	1.03	129	*	15	120
			Fluoranthene-d10	0.4	0.47	117		30	130
			2-Methylnaphthalene-d10	0.4	0.40	101		30	130

Surrogate Summary

SW-846

SDG No.: **BM103124**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4530-01	F7H26	BM048359.D	1,4-Dioxane-d8	8	5.22	65		15	120
			Fluoranthene-d10	0.4	0.46	115		30	130
			2-Methylnaphthalene-d10	0.4	0.38	94		20	140
P4530-02	F7H27	BM048360.D	1,4-Dioxane-d8	8	3.17	40		15	120
			Fluoranthene-d10	0.4	0.26	64		30	130
			2-Methylnaphthalene-d10	0.4	0.22	54		20	140
P4530-04	F7H28	BM048361.D	1,4-Dioxane-d8	8	4.78	60		15	120
			Fluoranthene-d10	0.4	0.41	103		30	130
			2-Methylnaphthalene-d10	0.4	0.34	86		20	140
P4530-05	F7H29	BM048362.D	1,4-Dioxane-d8	8	3.49	44		15	120
			Fluoranthene-d10	0.4	0.28	69		30	130
			2-Methylnaphthalene-d10	0.4	0.24	59		20	140
P4530-06	F7H30	BM048363.D	1,4-Dioxane-d8	8	5.20	65		15	120
			Fluoranthene-d10	0.4	0.41	103		30	130
			2-Methylnaphthalene-d10	0.4	0.37	91		20	140
P4530-07	F7H31	BM048364.D	1,4-Dioxane-d8	8	3.06	38		15	120
			Fluoranthene-d10	0.4	0.28	69		30	130
			2-Methylnaphthalene-d10	0.4	0.22	56		20	140
P4530-08	F7H32	BM048368.D	1,4-Dioxane-d8	8	2.99	37		15	120
			Fluoranthene-d10	0.4	0.26	66		30	130
			2-Methylnaphthalene-d10	0.4	0.20	50		20	140
P4530-09	F7H33	BM048369.D	1,4-Dioxane-d8	8	3.47	43		15	120
			Fluoranthene-d10	0.4	0.29	72		30	130
			2-Methylnaphthalene-d10	0.4	0.24	59		20	140
P4530-10	F7H34	BM048370.D	1,4-Dioxane-d8	8	3.73	47		15	120
			Fluoranthene-d10	0.4	0.31	78		30	130
			2-Methylnaphthalene-d10	0.4	0.26	65		20	140
P4530-11	F7H38	BM048371.D	1,4-Dioxane-d8	8	3.43	43		15	120
			Fluoranthene-d10	0.4	0.28	69		30	130
			2-Methylnaphthalene-d10	0.4	0.23	58		20	140
P4530-12	F7H39	BM048372.D	1,4-Dioxane-d8	8	4.22	53		15	120
			Fluoranthene-d10	0.4	0.33	82		30	130
			2-Methylnaphthalene-d10	0.4	0.29	74		20	140
P4530-12DL	F7H39DL	BM048388.D	1,4-Dioxane-d8	8	4.07	51		15	120
			Fluoranthene-d10	0.4	0.31	76		30	130
			2-Methylnaphthalene-d10	0.4	0.25	61		20	140
P4530-13	F7H40	BM048373.D	1,4-Dioxane-d8	8	3.60	45		15	120
			Fluoranthene-d10	0.4	0.29	73		30	130
			2-Methylnaphthalene-d10	0.4	0.25	62		20	140
P4530-14	F7H41	BM048374.D	1,4-Dioxane-d8	8	3.68	46		15	120
			Fluoranthene-d10	0.4	0.32	80		30	130
			2-Methylnaphthalene-d10	0.4	0.26	64		20	140
P4530-15	F7H42	BM048375.D	1,4-Dioxane-d8	8	3.01	38		15	120
			Fluoranthene-d10	0.4	0.28	70		30	130
			2-Methylnaphthalene-d10	0.4	0.22	54		20	140
P4530-16	F7H43	BM048376.D	1,4-Dioxane-d8	8	4.09	51		15	120
			Fluoranthene-d10	0.4	0.34	84		30	130
			2-Methylnaphthalene-d10	0.4	0.29	71		20	140
P4530-17	F7H44	BM048377.D	1,4-Dioxane-d8	8	3.80	48		15	120

Surrogate Summary

SW-846

SDG No.: BM103124

Client: _____

Analytical Method: SFAM_SVOASIM

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4530-17	F7H44	BM048377.D	Fluoranthene-d10	0.4	0.30	75		30	130
			2-Methylnaphthalene-d10	0.4	0.26	64		20	140
PB164434BL	PB164434BL	BM048367.D	1,4-Dioxane-d8	8	4.85	61		15	120
		BM048358.D	1,4-Dioxane-d8	8	4.86	61		15	120
		BM048367.D	Fluoranthene-d10	0.4	0.34	84		30	130
			Fluoranthene-d10	0.4	0.34	86		30	130
			2-Methylnaphthalene-d10	0.4	0.28	71		20	140
			2-Methylnaphthalene-d10	0.4	0.29	71		20	140
PB164434BS	PB164434BS	BM048365.D	1,4-Dioxane-d8	0.8	0.73	92		15	120
			Fluoranthene-d10	0.4	0.36	90		30	130
			2-Methylnaphthalene-d10	0.4	0.32	79		20	140

Surrogate Summary

SW-846

SDG No.: **BM103124**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4558-03	E1L81	BM048408.D	1,4-Dioxane-d8	8	4.16	52		15	120
			Fluoranthene-d10	0.4	0.48	120		30	130
			2-Methylnaphthalene-d10	0.4	0.33	81		30	130
P4558-04	E1L82	BM048409.D	1,4-Dioxane-d8	8	6.32	79		15	120
			Fluoranthene-d10	0.4	1.08	270	*	30	130
			2-Methylnaphthalene-d10	0.4	0.70	175	*	30	130
P4558-05	E1L89	BM048410.D	1,4-Dioxane-d8	8	4.74	59		15	120
			Fluoranthene-d10	0.4	0.54	136	*	30	130
			2-Methylnaphthalene-d10	0.4	0.39	96		30	130
P4558-06	E1L91	BM048411.D	1,4-Dioxane-d8	8	4.30	54		15	120
			Fluoranthene-d10	0.4	0.46	115		30	130
			2-Methylnaphthalene-d10	0.4	0.32	79		30	130
PB164490BL	PB164490BL	BM048403.D	1,4-Dioxane-d8	8	5.77	72		15	120
			Fluoranthene-d10	0.4	0.47	116		30	130
			2-Methylnaphthalene-d10	0.4	0.34	85		30	130
PB164490BS	PB164490BS	BM048412.D	1,4-Dioxane-d8	0.8	1.02	128	*	15	120
			Fluoranthene-d10	0.4	0.49	123		30	130
			2-Methylnaphthalene-d10	0.4	0.43	107		30	130

Surrogate Summary

SW-846

SDG No.: **BM103124**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4592-01	F7H01	BM048378.D	1,4-Dioxane-d8	8	3.81	48		15	120
			Fluoranthene-d10	0.4	0.36	90		30	130
			2-Methylnaphthalene-d10	0.4	0.28	69		20	140
P4592-02	F7H02	BM048379.D	1,4-Dioxane-d8	8	3.53	44		15	120
			Fluoranthene-d10	0.4	0.34	84		30	130
			2-Methylnaphthalene-d10	0.4	0.28	69		20	140
P4592-03	F7H03	BM048380.D	1,4-Dioxane-d8	8	3.16	39		15	120
			Fluoranthene-d10	0.4	0.32	80		30	130
			2-Methylnaphthalene-d10	0.4	0.25	63		20	140
P4592-04	F7H04	BM048381.D	1,4-Dioxane-d8	8	2.82	35		15	120
			Fluoranthene-d10	0.4	0.29	72		30	130
			2-Methylnaphthalene-d10	0.4	0.24	59		20	140
P4592-04DL	F7H04DL	BM048397.D	1,4-Dioxane-d8	8	3.63	45		15	120
			Fluoranthene-d10	0.4	0.33	81		30	130
			2-Methylnaphthalene-d10	0.4	0.28	69		20	140
P4592-05	F7H05	BM048382.D	1,4-Dioxane-d8	8	3.02	38		15	120
			Fluoranthene-d10	0.4	0.30	75		30	130
			2-Methylnaphthalene-d10	0.4	0.23	57		20	140
P4592-06	F7H06	BM048386.D	1,4-Dioxane-d8	8	6.24	78		15	120
			Fluoranthene-d10	0.4	0.60	149	*	30	130
			2-Methylnaphthalene-d10	0.4	0.48	120		20	140
P4592-07	F7H07	BM048387.D	1,4-Dioxane-d8	8	3.66	46		15	120
			Fluoranthene-d10	0.4	0.34	84		30	130
			2-Methylnaphthalene-d10	0.4	0.26	65		20	140
P4592-08	F7H08	BM048389.D	1,4-Dioxane-d8	8	3.12	39		15	120
			Fluoranthene-d10	0.4	0.28	70		30	130
			2-Methylnaphthalene-d10	0.4	0.21	51		20	140
P4592-09	F7H09	BM048390.D	1,4-Dioxane-d8	8	4.37	55		15	120
			Fluoranthene-d10	0.4	0.42	105		30	130
			2-Methylnaphthalene-d10	0.4	0.31	78		20	140
P4592-10	F7H18	BM048391.D	1,4-Dioxane-d8	8	3.23	40		15	120
			Fluoranthene-d10	0.4	0.30	76		30	130
			2-Methylnaphthalene-d10	0.4	0.22	56		20	140
P4592-11	F7H19	BM048392.D	1,4-Dioxane-d8	8	3.07	38		15	120
			Fluoranthene-d10	0.4	0.27	68		30	130
			2-Methylnaphthalene-d10	0.4	0.21	52		20	140
P4592-12	F7H20	BM048393.D	1,4-Dioxane-d8	8	3.55	44		15	120
			Fluoranthene-d10	0.4	0.35	86		30	130
			2-Methylnaphthalene-d10	0.4	0.25	61		20	140
PB164507BL	PB164507BL	BM048385.D	1,4-Dioxane-d8	8	5.57	70		15	120
			Fluoranthene-d10	0.4	0.43	108		30	130
			2-Methylnaphthalene-d10	0.4	0.34	84		20	140
PB164507BS	PB164507BS	BM048383.D	1,4-Dioxane-d8	0.8	0.79	98		15	120
			Fluoranthene-d10	0.4	0.40	100		30	130
			2-Methylnaphthalene-d10	0.4	0.36	90		20	140

Surrogate Summary

SW-846

SDG No.: **BM103124**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4558-07	E1L92	BM048414.D	1,4-Dioxane-d8	8	5.04	63		15	120
			Fluoranthene-d10	0.4	0.55	138	*	30	130
			2-Methylnaphthalene-d10	0.4	0.32	79		30	130
P4558-08MS	E1L92MS	BM048415.D	1,4-Dioxane-d8	0.8	0.42	53		15	120
			Fluoranthene-d10	0.4	0.54	135	*	30	130
			2-Methylnaphthalene-d10	0.4	0.38	96		30	130
P4558-09MSD	E1L92MSD	BM048416.D	1,4-Dioxane-d8	0.8	0.42	53		15	120
			Fluoranthene-d10	0.4	0.53	133	*	30	130
			2-Methylnaphthalene-d10	0.4	0.38	95		30	130
PB164513BL	PB164513BL	BM048417.D	1,4-Dioxane-d8	8	5.50	69		15	120
			Fluoranthene-d10	0.4	0.41	101		30	130
			2-Methylnaphthalene-d10	0.4	0.31	77		30	130
PB164513BS	PB164513BS	BM048418.D	1,4-Dioxane-d8	0.8	1.10	137	*	15	120
			Fluoranthene-d10	0.4	0.52	129		30	130
			2-Methylnaphthalene-d10	0.4	0.42	105		30	130

Surrogate Summary

SW-846

SDG No.: **BM103124**

Client: _____

Analytical Method: **SFAM_SVOASIM**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4558-12	E1L96	BM048407.D	1,4-Dioxane-d8	8	3.77	47		15	120
			Fluoranthene-d10	0.4	0.48	119		30	130
			2-Methylnaphthalene-d10	0.4	0.28	69		30	130
P4583-01	C0PI5	BM048404.D	1,4-Dioxane-d8	8	4.66	58		15	120
			Fluoranthene-d10	0.4	0.51	128		30	130
			2-Methylnaphthalene-d10	0.4	0.36	90		30	130
P4583-02	C0PI1	BM048405.D	1,4-Dioxane-d8	8	4.32	54		15	120
			Fluoranthene-d10	0.4	0.51	126		30	130
			2-Methylnaphthalene-d10	0.4	0.38	94		30	130
P4592-13	F7H51	BM048406.D	1,4-Dioxane-d8	8	4.56	57		15	120
			Fluoranthene-d10	0.4	0.56	139	*	30	130
			2-Methylnaphthalene-d10	0.4	0.42	105		30	130
PB164517BL	PB164517BL	BM048402.D	1,4-Dioxane-d8	8	5.41	68		15	120
			Fluoranthene-d10	0.4	0.41	102		30	130
			2-Methylnaphthalene-d10	0.4	0.32	79		30	130
PB164517BS	PB164517BS	BM048413.D	1,4-Dioxane-d8	0.8	0.91	113		15	120
			Fluoranthene-d10	0.4	0.41	102		30	130
			2-Methylnaphthalene-d10	0.4	0.35	88		30	130

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM103124

Lab Code: CHEM

SAS No.: BM103124 SDG NO.: BM103124

Lab File ID: BM048350.D

DFTPP Injection Date: 10/31/2024

Instrument ID: BNA_M

DFTPP Injection Time: 10:16

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	32.2
68	Less than 2.0% of mass 69	0.5 (1.5) 1
69	Mass 69 relative abundance	33.8
70	Less than 2.0% of mass 69	0.1 (0.4) 1
127	10.0 - 80.0% of mass 198	43.8
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	24.9
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	13.1
442	Greater than 50% of mass 198	83.4
443	15.0 - 24.0% of mass 442	16.4 (19.6) 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
SSTD0.1029	SSTD0.199	BM048351.D	10/31/2024	10:55
SSTD0.2030	SSTD0.201	BM048352.D	10/31/2024	11:31
SSTD0.4031	SSTD0.402	BM048353.D	10/31/2024	12:08
SSTD0.8032	SSTD0.803	BM048354.D	10/31/2024	12:44
SSTD1.6033	SSTD1.604	BM048355.D	10/31/2024	13:20
SSTD3.2034	SSTD3.205	BM048356.D	10/31/2024	13:57
SICV033	SSTDICV0.4	BM048357.D	10/31/2024	14:45
SBLK434	PB164434BL	BM048358.D	10/31/2024	15:21
F7H26	P4530-01	BM048359.D	10/31/2024	15:58
F7H27	P4530-02	BM048360.D	10/31/2024	16:35
F7H28	P4530-04	BM048361.D	10/31/2024	17:11
F7H29	P4530-05	BM048362.D	10/31/2024	17:48
F7H30	P4530-06	BM048363.D	10/31/2024	18:24
F7H31	P4530-07	BM048364.D	10/31/2024	19:01
SLCS434	PB164434BS	BM048365.D	10/31/2024	19:37
SSTD0.4066	SSTDCCC0.4	BM048366.D	10/31/2024	20:13
SBLK434	PB164434BL	BM048367.D	10/31/2024	21:26
F7H32	P4530-08	BM048368.D	10/31/2024	22:02

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM103124

Lab Code: CHEM

SAS No.: BM103124 SDG NO.: BM103124

Lab File ID: BM048350.D

DFTPP Injection Date: 10/31/2024

Instrument ID: BNA_M

DFTPP Injection Time: 10:16

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	32.2
68	Less than 2.0% of mass 69	0.5 (1.5) 1
69	Mass 69 relative abundance	33.8
70	Less than 2.0% of mass 69	0.1 (0.4) 1
127	10.0 - 80.0% of mass 198	43.8
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	24.9
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	13.1
442	Greater than 50% of mass 198	83.4
443	15.0 - 24.0% of mass 442	16.4 (19.6) 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
F7H33	P4530-09	BM048369.D	10/31/2024	22:39
F7H34	P4530-10	BM048370.D	10/31/2024	23:15
F7H38	P4530-11	BM048371.D	10/31/2024	23:51
F7H39	P4530-12	BM048372.D	11/01/2024	00:27
F7H40	P4530-13	BM048373.D	11/01/2024	01:04
F7H41	P4530-14	BM048374.D	11/01/2024	01:40
F7H42	P4530-15	BM048375.D	11/01/2024	02:16
F7H43	P4530-16	BM048376.D	11/01/2024	02:52
F7H44	P4530-17	BM048377.D	11/01/2024	03:29
F7H01	P4592-01	BM048378.D	11/01/2024	04:05
F7H02	P4592-02	BM048379.D	11/01/2024	04:41
F7H03	P4592-03	BM048380.D	11/01/2024	05:18
F7H04	P4592-04	BM048381.D	11/01/2024	05:54
F7H05	P4592-05	BM048382.D	11/01/2024	06:30
SLCS507	PB164507BS	BM048383.D	11/01/2024	07:07
SSTD0.4067	SSTDCCC0.4	BM048384.D	11/01/2024	07:43
SBLK507	PB164507BL	BM048385.D	11/01/2024	08:56
F7H06	P4592-06	BM048386.D	11/01/2024	09:32

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM103124

Lab Code: CHEM

SAS No.: BM103124 SDG NO.: BM103124

Lab File ID: BM048350.D

DFTPP Injection Date: 10/31/2024

Instrument ID: BNA_M

DFTPP Injection Time: 10:16

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	32.2
68	Less than 2.0% of mass 69	0.5 (1.5) 1
69	Mass 69 relative abundance	33.8
70	Less than 2.0% of mass 69	0.1 (0.4) 1
127	10.0 - 80.0% of mass 198	43.8
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	24.9
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	13.1
442	Greater than 50% of mass 198	83.4
443	15.0 - 24.0% of mass 442	16.4 (19.6) 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
F7H07	P4592-07	BM048387.D	11/01/2024	10:08
F7H39DL	P4530-12DL	BM048388.D	11/01/2024	10:45
F7H08	P4592-08	BM048389.D	11/01/2024	11:21
F7H09	P4592-09	BM048390.D	11/01/2024	11:58
F7H18	P4592-10	BM048391.D	11/01/2024	12:34
F7H19	P4592-11	BM048392.D	11/01/2024	13:11
F7H20	P4592-12	BM048393.D	11/01/2024	13:47
E1L65	P4534-05	BM048394.D	11/01/2024	14:24
E1L67	P4534-06	BM048395.D	11/01/2024	15:00
E1L78	P4534-07	BM048396.D	11/01/2024	15:37
F7H04DL	P4592-04DL	BM048397.D	11/01/2024	16:13
E1L98	P4534-08	BM048398.D	11/01/2024	16:50
SBK424	PB164424BL	BM048399.D	11/01/2024	17:26
SLCS424	PB164424BS	BM048400.D	11/01/2024	18:03
SSTD0.4068	SSTDCCC0.4	BM048401.D	11/01/2024	18:39
SBK517	PB164517BL	BM048402.D	11/01/2024	19:52
SBK490	PB164490BL	BM048403.D	11/01/2024	20:28
C0PI5	P4583-01	BM048404.D	11/01/2024	21:05

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM103124

Lab Code: CHEM

SAS No.: BM103124 SDG NO.: BM103124

Lab File ID: BM048350.D

DFTPP Injection Date: 10/31/2024

Instrument ID: BNA_M

DFTPP Injection Time: 10:16

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	32.2
68	Less than 2.0% of mass 69	0.5 (1.5) 1
69	Mass 69 relative abundance	33.8
70	Less than 2.0% of mass 69	0.1 (0.4) 1
127	10.0 - 80.0% of mass 198	43.8
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	24.9
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	13.1
442	Greater than 50% of mass 198	83.4
443	15.0 - 24.0% of mass 442	16.4 (19.6) 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
C0PI1	P4583-02	BM048405.D	11/01/2024	21:41
F7H51	P4592-13	BM048406.D	11/01/2024	22:17
E1L96	P4558-12	BM048407.D	11/01/2024	22:54
E1L81	P4558-03	BM048408.D	11/01/2024	23:31
E1L82	P4558-04	BM048409.D	11/02/2024	00:07
E1L89	P4558-05	BM048410.D	11/02/2024	00:44
E1L91	P4558-06	BM048411.D	11/02/2024	01:21
SLCS490	PB164490BS	BM048412.D	11/02/2024	01:57
SLCS517	PB164517BS	BM048413.D	11/02/2024	02:34
E1L92	P4558-07	BM048414.D	11/02/2024	03:10
E1L92MS	P4558-08MS	BM048415.D	11/02/2024	03:47
E1L92MSD	P4558-09MSD	BM048416.D	11/02/2024	04:24
SBLK513	PB164513BL	BM048417.D	11/02/2024	05:00
SLCS513	PB164513BS	BM048418.D	11/02/2024	05:37
SSTD0.4069	SSTDCCC0.4EC	BM048419.D	11/02/2024	06:13